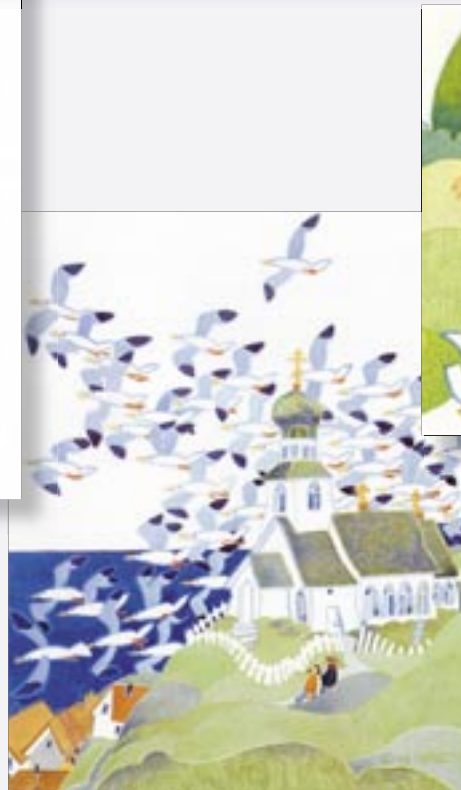


Alaska Division of Public Health  
**Bureau of Vital Statistics**  
1999 Annual Report



# **Alaska Bureau of Vital Statistics 1999 Annual Report**

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# PREFACE

## PURPOSE OF THIS REPORT

The *Alaska Bureau of Vital Statistics 1999 Annual Report* was written by the Research Unit staff of the Alaska Bureau of Vital Statistics. This report contains data on births, fetal and infant deaths, adoptions, marriages and divorces, and deaths. The purpose of this report is to provide reference material and indicators for health and vital events in Alaska. Other data sources for analyzing public health trends are also available from the Alaska Department of Health and Social Services.

## HOW THIS REPORT IS ORGANIZED

### Table of Contents

The table of contents contains chapter headings and major sections, and lists of tables, charts, and maps.

### Preface

This section describes the organization of this report.

### Executive Summary

The executive summary includes population estimates and numbers and rates of vital events (births, deaths, marriages, divorces and adoptions) in Alaska for the 1999 calendar year.

### Introduction

The introduction provides an overview of Alaska, information on population and demographics, and an explanation of how vital statistics are collected and recorded.

### Births

The birth section includes tables showing numbers of births by census area (borough) and Native regional corporation, birth characteristics of babies, and demographic and behavioral information on parents.

### Fetal and Infant Deaths

This chapter includes tables showing fetal deaths by census area (borough) and Native regional corporation, and deaths and mortality rates for infants up to one year of age by census areas, Native regional corporations, and causes of death.

### Childhood Deaths

This chapter provides specific information on deaths to children from birth through 19 years of age.

### Deaths

This section includes information on all deaths by census area (borough) and Native regional corporation; death rates; causes of death; and age, gender, and race of decedents.

### Adoptions

The adoption chapter provides information on census areas (borough) and Native regional corporation boundaries where adoption decrees were granted; adoptions by age, race, and type of adoption.

### Marriages and Divorces

This chapter provides information on the number and rates of marriages and divorces by residence and census area (borough) of occurrence.

### Appendices

The appendices include definitions of terms, technical notes, classification of causes of death, prenatal care index, method of determining child's race, Year 2000 health objectives, geographic overview, sample certificates, and population statistics.

**HOW TO OBTAIN A COPY**

The 1999 Annual Report of the Bureau of Vital Statistics is available at many local libraries throughout the state and on the Internet at:

[www.hss.state.ak.us/dph/bvs/statistics/99annualreport.htm](http://www.hss.state.ak.us/dph/bvs/statistics/99annualreport.htm)

We welcome any comments, questions, or concerns you may have about this report. You may contact us at:

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**ADDITIONAL INFORMATION**

Additional information, including how to obtain copies of vital event certificates, is available on the Internet at:

[www.hss.state.ak.us/dph/bvs/default.htm](http://www.hss.state.ak.us/dph/bvs/default.htm)

The Research Unit is also available for special information requests on vital statistics data. For non-governmental organizations the fee for research is \$70/hour. For further assistance, please contact the Research Unit at:

Phone: (907) 465-8603

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Email: [BVSResearch@health.state.ak.us](mailto:BVSResearch@health.state.ak.us)

**ACKNOWLEDGMENTS**

Most of the data and health indicators presented in this report are based upon information supplied by many people throughout the state. Birth mothers, doctors, midwives, other birth attendants, medical facilities, medical examiners, magistrates, funeral directors, and a host of other individuals complete information on vital records.

The staff of the Bureau of Vital Statistics extends our gratitude to each person who participated in our data gathering effort. Accurate data are essential to the Bureau's effort to report reliable vital event information. We appreciate the assistance of others in maintaining the integrity of our data.

# EXECUTIVE SUMMARY

## SUMMARY OF POPULATION AND VITAL STATISTICS INFORMATION

### Alaska's Population

Total Population . . . . .	622,000 <sup>1</sup>
White . . . . .	458,662
Native . . . . .	104,745 <sup>2</sup>
African American . . . . .	27,617
Asian and Pacific Islander . . . . .	30,976
Male . . . . .	323,686
Female . . . . .	298,314
Natural Increase . . . . .	7,262 <sup>3</sup>
Natural Increase Rate . . . . .	11.7

### Births

Total Births . . . . .	9,959
Crude Birth Rate . . . . .	16.0 <sup>4</sup>
White Crude Birth Rate . . . . .	14.1
Native Crude Birth Rate . . . . .	23.4
African American Crude Birth Rate . . . . .	15.5
Asian/Pacific Islander Crude Birth Rate . . . . .	14.6
Teen Birth Rate . . . . .	47.8 <sup>8</sup>
Fertility Rate . . . . .	72.5 <sup>9</sup>
White Fertility Rate . . . . .	64.3
Native Fertility Rate . . . . .	106.0
African American Fertility Rate . . . . .	65.0
Asian/Pacific Islander Fertility Rate . . . . .	61.8
Low Birth Weight Percentage . . . . .	5.7 <sup>10</sup>
White Low Birth Weight Percentage . . . . .	5.2
Native Low Birth Weight Percentage . . . . .	5.9
African Amer. Low Birth Weight Percentage . . . . .	10.3
Asian/PI Low Birth Weight Percentage . . . . .	7.5

### Deaths

Total Resident Deaths . . . . .	2,697
Crude Death Rate . . . . .	433.6 <sup>5</sup>
Age-Adjusted Death Rate . . . . .	873.0 <sup>6</sup>
Male Age-Adjusted Death Rate . . . . .	970.3
Female Age-Adjusted Death Rate . . . . .	773.0
Age-Adjusted Cancer Death Rate . . . . .	192.4
Age-Adjusted Heart Disease Death Rate . . . . .	206.5
Age-Adjusted Accidental Death Rate . . . . .	57.2
Age-Adjusted Suicide Death Rate . . . . .	17.2
Infant Mortality Rate . . . . .	6.5 <sup>7</sup>
White Infant Mortality Rate . . . . .	5.2
Native Infant Mortality Rate . . . . .	9.4

### Other Vital Events

Fetal Deaths . . . . .	53
Fetal Death Rate . . . . .	4.5 <sup>7</sup>
Adoptions . . . . .	783
Crude Adoption Rate . . . . .	1.4 <sup>4</sup>
Marriages . . . . .	5,474
Crude Marriage Rate . . . . .	8.8 <sup>4</sup>
Divorces . . . . .	3,153
Crude Divorce Rate . . . . .	5.1 <sup>4</sup>

1. Alaska population data from the Alaska Department of Labor, Research and Analysis Section, Demographics Unit.
2. For purposes of this report, Native includes any person indigenous to the Western Hemisphere: Alaska Native, Native mixed, Aleut, Eskimo, Canadian Eskimo and Indian, and American Indian.
3. Natural Increase is the difference between live births and deaths. Natural Increase does not include migration.
4. Natural Increase, Birth, Marriage, Divorce, and Adoption Rates are events per 1,000 population.
5. Crude Death Rates are deaths per 100,000 population.
6. Age-Adjusted Death Rates are adjusted to the 2000 U.S. standard population. (See Appendix B)
7. Infant Mortality and Fetal Death Rates are 3-year averages (1997-1999) of infant deaths (death cohort) and fetal deaths per 1,000 live births.
8. Teen Birth Rate is the number of births to teens per 1,000 females 15-19 years of age. This does not include births to females under 15 years of age.
9. Fertility Rates are births per 1,000 females 15-44 years of age.
10. Low Birth Weight Percentages are infants born weighing less than 2,500 grams per 100 live births.





# INTRODUCTION

## ABOUT ALASKA

Alaska is the largest of the 50 states and contains approximately 16 percent of the country's landmass. Because of its size, Alaska has widely diverse geographic, climatic, and demographic characteristics, all of which affect public health.

Alaska contains roughly 586,412 square miles of land. Alaska's estimated population in 1999 was 622,000, or slightly more than one person per square mile. Alaska also claims the most northern, western and eastern points of land in the United States, more miles of coastline than all of the contiguous 48 states combined (6,640 miles not including islands), over 5,000 glaciers, over 3 million fresh water lakes (one of which, Iliamna, is the second largest lake entirely within the U.S.), and 3,000 rivers, of which the Yukon is the third longest river in the United States. Much of the coastline and fresh water areas are used as transportation corridors, as well as fishing grounds. Remote lands are used for hunting and recreational activities.

Unique climatic conditions affect Alaska's people. Temperatures can range from as high as 100°F to lows that approach -80°F. Alaska experiences extremes in precipitation as well. Some areas of the state may receive up to 200 inches of precipitation annually, while other areas receive as little as 12 inches.

Demographically, whites make up 73.7 percent of the total population; Natives<sup>1</sup>, 16.8 percent; African Americans, 4.4 percent; and Asian and Pacific Islanders, 5.0 percent. Males comprise 52 percent and females, 48 percent of the population<sup>2</sup>.

With diverse cultures, sparse population, severe temperatures, vast coastline, and outdoor lifestyles, the state experiences many unique health care challenges. One such challenge is assisting residents who live in remote areas of the state. The Native Health Corporations, the Alaska Compact between the Indian Health Service and individual tribes, the State of Alaska, and private entities provide health care in these areas

through funding for public health nurses and other health care workers.

The *Bureau of Vital Statistics 1999 Annual Report* focuses on health status indicators in Alaska. Some comparisons between Alaska health status indicators and national indicators are made. Although some similarities exist between Alaska and the rest of the United States, there is much dissimilarity. By reporting these indicators, our hope is to assist other professionals to evaluate the status of health in Alaska. The events and vital statistics discussed throughout this report can be useful tools for health care planners, providers, and professionals, but do not provide answers in themselves.

## HOW VITAL STATISTICS ARE COLLECTED

Section 18.50.010 of the Alaska Statutes establishes the Bureau of Vital Statistics to install, maintain, and operate a system of vital records. These records contain birth, death, fetal death, divorce, marriage, and adoption information.

When a birth occurs in Alaska, there is a legal process for recording that birth (AS 18.50.160). Generally, a physician, midwife, and/or hospital medical records staff person prepares a birth certificate from information provided by the birth parent(s) and the delivery attendant.

Death certificates are usually completed by a funeral home staff member or a local magistrate, and then certified by the attending physician or medical examiner. Death certificates should be filed with the local recording district office within three days of the date of death (AS 18.50.230). After the certificate has been recorded at the local district office, it is then forwarded to the Bureau of Vital Statistics in Juneau for registration.

When a birth or death occurs in Alaska to a resident of another state, the Bureau sends the respective state's registrar a copy of the certificate. Similarly, when a birth or death occurs to an Alaskan resident in another state,

that state's registrar, by formal agreement, sends a copy of the certificate to the Alaska Bureau of Vital Statistics. This cooperative arrangement allows us to include all births and deaths involving Alaskan residents wherever they occur within the country.

In the past, the Alaska Court System issued a license and filed a certificate for each marriage performed in the state. The certificate was filed with the local recording office of the Court System within seven days of the marriage (AS18.50.270). The local recording office then forwarded the certificate to the Bureau for registration and permanent retention. In 1997 the Bureau of Vital Statistics began issuing marriage licenses in Juneau, Anchorage, and Fairbanks, as well as registering and providing permanent retention of documents. Marriage licenses in other parts of the state continue to be issued by the Court System under the Bureau's oversight.

Divorce, dissolution, and annulment certificates are prepared by a clerk of the court from information provided by the petitioner, plaintiff, and (possibly) court documents. The completed certificate is then forwarded to the Bureau for final registration (AS 18.50.280).

For each adoption granted by the court, a report of adoption is prepared and registered with the Bureau (AS 18.50.210). In the event that a child was born in Alaska and adopted in another state, the Bureau receives and acts on that state's report of adoption.

## **POPULATION ESTIMATES**

Population estimates used in this report were obtained from the State of Alaska, Department of Labor (DOL), Research and Analysis Section (R&A), Demographics Unit. Estimates are made by race, age, and geographic area. The 1999 estimated Alaskan population was 622,000 persons, with 323,686 males and 298,314 females. During 1999 there were 108.5 males for every 100 females in Alaska.

The Alaska Department of Labor updates its population estimates annually. The estimate of total population is revised each year to correspond to the U.S. Census Bureau state total. Using the decennial census as a base, birth, death, IRS, Alaska Permanent Fund and education

statistics are used to produce annual population estimates for geographic areas.

In Alaska during 1999, 458,662 persons were white, 104,745 were Native, 27,617 were African American, and 30,976 were Asian and Pacific Islander. Residents of the Anchorage census area comprised 41.7 percent of the state's population during 1999. About 79 percent of Alaska's population was concentrated in six census areas: Anchorage, Fairbanks, Juneau, Kenai, Ketchikan, and Matanuska-Susitna.

The age of a population is important when interpreting vital statistics, because behaviors and health risks of younger populations differ from those exhibited by older populations. Age, race, and sex distributions within a population are also important. The median age for Alaskan males during 1999 was 33.1 years; for females it was 32.8 years; and for all Alaskans it was 32.9 years. There was a difference of more than ten years in the median age of whites (35.4) and Alaska Natives (23.3). The overall median age in the United States during 1999 was 35.6 years. The median age for males in the United States was 34.3 years and for females it was 36.6 years<sup>3</sup>. The median age for U.S. whites was 36.6 and for Native Americans it was 27.6. For an example of the disparity of the age distribution of Alaska versus that of the United States, please refer to Figure I.1 in Appendix I. For further information about interpretation of vital statistics, refer to "How to Use Vital Statistics" in Appendix B.

## **HOW CERTIFICATES ARE PROCESSED**

In 1994, the Bureau instituted an Electronic Birth Certificate (EBC) system. This system enables hospital and clinic staff to record all birth certificate information by computer. As information is entered for each individual certificate, the computer checks for invalid or improbable data. When the certificate has been entered on the EBC system, the data is certified, recorded, and filed by the Bureau. Each certificate is then examined electronically for missing or out-of-range information and returned to the facility or birth attendant for verification and/or correction. During 1999, almost 97percent of all births occurring in Alaska were recorded using the EBC.

Other vital records received by the Bureau go through a different verification process. First, a trained documents processor reviews the certificate for completeness. If the certificate is incomplete it is returned to the appropriate office for completion. Once a document has been received and accepted, two different employees enter information into the database. This double-entry verification process reduces data entry errors.

A physician or medical examiner determines causes of death and narrative descriptions are entered on the death certificate. The narrative causes of death are typed into a computer file by Bureau staff. SuperMICAR, a program produced, maintained, and provided by the National Center for Health Statistics (NCHS), codes 75-80 percent of causes of death according to ICD-10 standards. (See Appendix C for groupings of ICD-10 causes of death). The Bureau transmits the computer file by diskette or e-mail to NCHS. NCHS completes coding for the remainder of the records. This coding is then returned to the Bureau and transmitted into its database.

## HOW THIS REPORT WAS PREPARED

After documents have been entered into the Bureau's database, research staff performs computer checks to test for missing, out-of-range, and duplicate data. Because this report is based not only on events that occur in Alaska, but also events that occur in other states to Alaska residents, there may be a significant lag time before data is received. One of the important checks made by research staff is for duplicate entries of events.

Waiting for all data to arrive and eliminating duplicate entries are both important steps for ensuring the most accurate report possible. After we believe the data is both accurate and complete, data programs can be run to generate information from which the tables, charts, and narrative analyses can be written for this report.

There are a number of ways to report vital events including numbers of events, rates based on total populations, or rates based on specific populations. For a discussion of the use of vital statistics and a comparison of different populations, see Appendix B.

## DETERMINATION OF RACE

The National Center for Health Statistics (NCHS) issues guidelines for determining the race of a child at birth. With few exceptions, the child's race on the birth certificate is the same as the mother's stated race. These guidelines became effective in 1989. Appendix E provides more details on how the race of the child is determined.

Sometimes race will be recorded differently on death certificates. This can distort death rates, particularly in the case of infant mortality, where a child's race may be reported as white on the birth certificate because the mother is white, and Native on the death certificate because the father is Native. To ensure consistent reporting and calculation of rates, all death certificates for decedents who were born in Alaska in 1989 or later are matched with the birth certificate and the child's race at birth is used for calculating deaths and death rates by race.

<sup>1</sup> In this report, Native includes any people indigenous to the Western Hemisphere: Alaska Native, Native mixed, Aleut, Eskimo, Canadian Eskimo and Indian, and American Indian.

<sup>2</sup> Alaska Department of Labor, Research and Analysis Section, Demographics Unit, Juneau, Alaska.

<sup>3</sup> Population Estimates Program, Population Division, US Census Bureau, Washington DC



# BIRTHS



*"The Embrace"*  
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## INTRODUCTION

There were 9,959 live births to Alaska residents in 1999 (5,160 boys and 4,799 girls). This is an increase of 0.4 percent from the 9,922 births recorded in 1998.<sup>1</sup>

The 1999 crude birth rate of 16.0 per 1,000 population represents a 0.6 percent decrease from the 1998 crude birth rate of 16.1, and a 25.9 percent decrease from the

crude birth rate of 21.6 per 1,000 population recorded in 1990.<sup>2</sup>

The 1999 crude birth rate for the United States was 14.5 live births per 1,000 population<sup>3</sup>, which is a decline of 13.2 percent from the rate of 16.7 in 1990<sup>4</sup>.

Of the 9,959 (Figure 1) births in 1999, 138 were multiple births with 133 sets of twins and 5 sets of triplets.

The most popular boy's name in 1999 was Jacob and the most popular girl's name was Emily. Figure 2 shows the ten most popular boys' and girls' names for the years 1989, 1994, and 1999.

FIGURE 1 ALASKA RESIDENT BIRTHS, 1990 - 1999

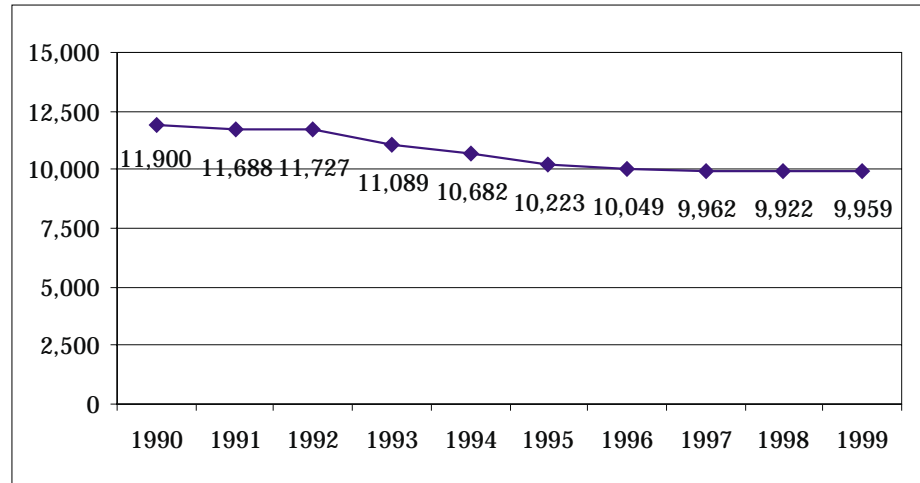
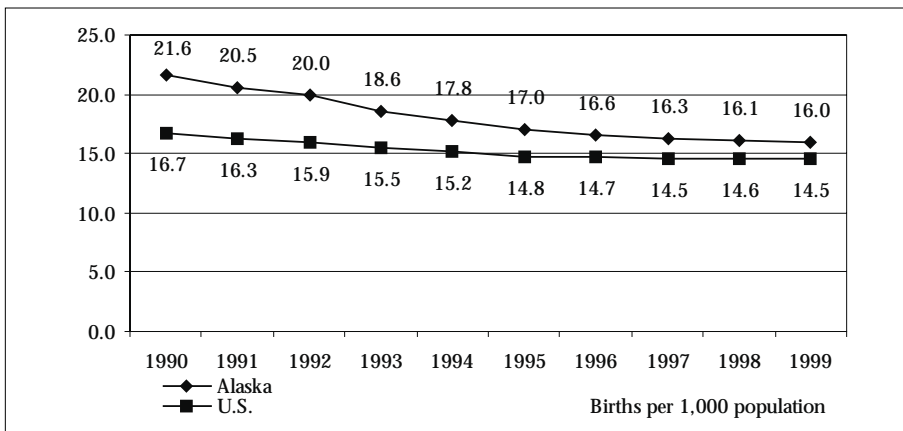


FIGURE 2 MOST POPULAR BOYS' AND GIRLS' NAMES, ALASKA 1989, 1994, AND 1999

RANK	BOYS' NAMES			GIRLS' NAMES		
	1989	1994	1999	1989	1994	1999
1	Michael	Michael	Jacob	Jessica	Jessica	Emily
2	Christopher	Jacob	Joshua	Ashley	Ashley	Hannah
3	Joshua	Tyler	Michael	Amanda	Samantha	Ashley
4	Matthew	Christopher	Dylan	Sarah	Sarah	Sarah
5	David	Daniel	Tyler	Samantha	Taylor	Jessica
6	James	Matthew	Joseph	Jennifer	Emily	Madison
7	Andrew	Joshua	Alexander	Brittany	Brittany	Taylor
8	John	John	Matthew	Emily	Elizabeth	Alexis
9	Daniel	James	John	Danielle	Amanda	Elizabeth
10	William	Joseph	Ryan	Stephanie	Hannah	Emma

FIGURE 3 CRUDE BIRTH RATES, U.S. AND ALASKA, 1990 - 1999



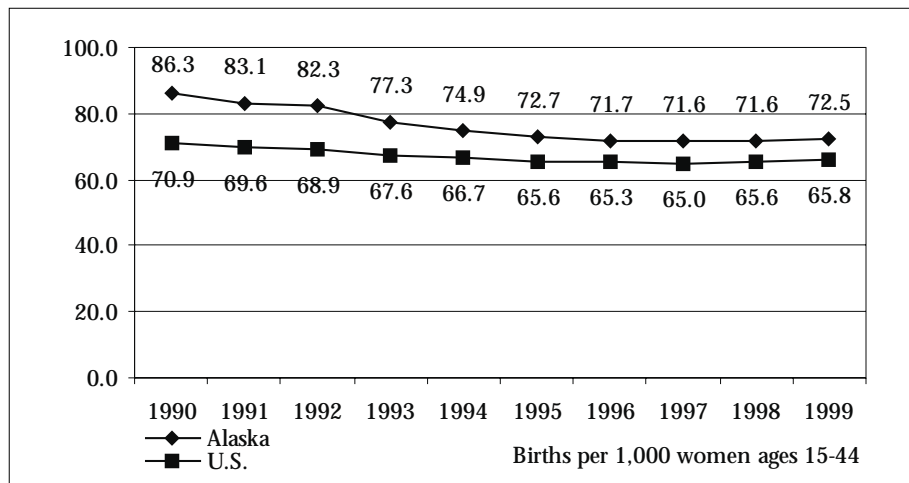
In order to calculate **crude birth rates** (Figure 3), fertility rates, or any of the other rates used in this report, population estimates must be used. Population estimates are provided by the Department of Labor, Research and Analysis Section, Demographics Unit. Please refer to Appendix I for the population estimates used in this report.

The natural increase in Alaska's population (the increase of births over deaths) was 7,262 persons, representing a natural increase rate of 11.7 persons per 1,000 population. This is a 1.7 percent decrease from the natural increase rate of 11.9 recorded in 1998.

The **fertility rate** (Figure 4) is a more meaningful measure of behavioral patterns than the crude birth rate

since it is a measure of the number of births compared to the number of women of usual child-bearing age (15-44 years). The 1999 fertility rate for Alaska was 72.5 births per 1,000 women age 15-44, representing a 1.2 percent increase from the 1998 fertility rate of 71.6. Alaska's fertility rate was 10.2 percent higher than the U.S. fertility rate of 65.8<sup>3</sup> in 1999.

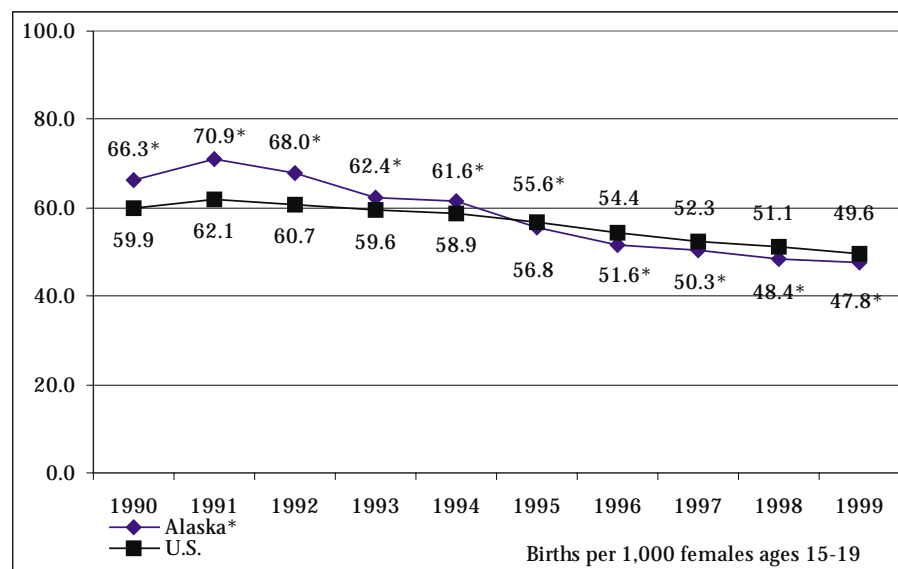
**FIGURE 4 FERTILITY RATES, U.S. AND ALASKA 1990 - 1999**



The **teen birth rate** (Figure 5) is calculated by dividing the number of births to teens ages 15-19 by the total estimated female population in that age group, and multiplying by a constant of proportionality of 1,000. Births to teens younger than 15 are not included since few births occur in that population and the rate would not be meaningful when compared to the national teen birth rate.

The 1999 teen birth rate for Alaska was 47.8, 3.6 percent below the 1999 United States' teen birth rate of 49.6. Alaska's 1999 teen birth rate reflects a decrease of 1.2 percent from the 1998 rate of 48.4. Since 1991, the teen birth rate in Alaska has declined by almost one-third (32.6 percent).

**FIGURE 5 TEEN BIRTH RATES, U.S. AND ALASKA 1990 - 1999**

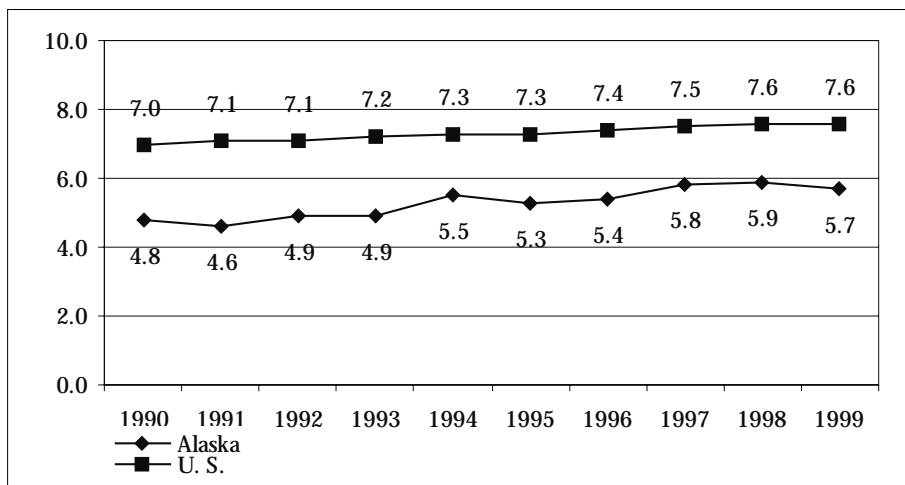




**Low birth weight** [live births that weight less than 2,500 grams (5 pounds, 8 ounces)] is a major predictor of infant death. Infants born with low birth weight are more likely to need extensive medical treatment. The incidence of low birth weight (Figure 6) babies born in Alaska during 1999 was 5.7 percent of total live births, a decrease of 3.4 percent from the 1998 Alaska rate of 5.9 percent. The U.S.

percentage of low birth weight births remained at 7.6 percent, unchanged since 1998. Although the incidence of low birth weight births has increased both nationally and in Alaska during the 1990s, the rate has been increasing faster in Alaska. In 1999, the low birth weight rate in Alaska was 25 percent lower than the U.S. rate.

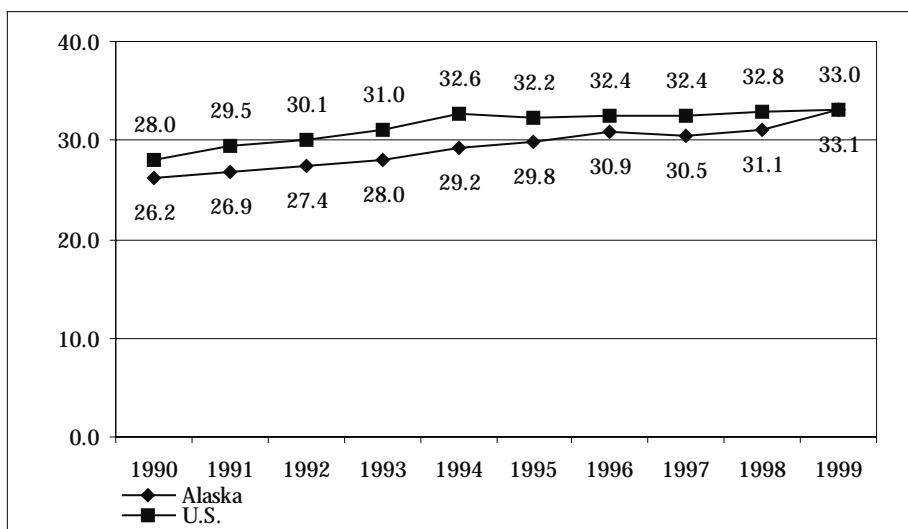
**FIGURE 6 PERCENTAGE OF LOW BIRTH WEIGHT INFANTS U.S. AND ALASKA 1990 - 1999**



Of the total births to Alaska residents during 1999, 33.1 percent were to **unmarried women** (Figure 7). This reflects an increase of 6.4 percent over the rate recorded for Alaska in 1998 (33.1 percent) and is slightly above the

national average of 33.0 percent for 1999. Since 1990, the percentage of births to unwed mothers has increased 26.3 percent in Alaska.

**FIGURE 7 PERCENTAGE OF UNWED MOTHERS U.S. AND ALASKA 1990 - 1999**



## BIRTHS BY RESIDENCE AND RACE

The following tables of this chapter show annual occurrences of live births to Alaskan residents during 1999 and for the three-year period, 1997 through 1999.

Annual rates and three-year rates for the State as a whole, its 27 Census Areas, and 12 Native Regional Corporations are shown by race and residence of mother. Natality statistics on the mother's age, marital status, education, birth facility, prenatal care, cesarean delivery, pre-term births, and low birth weight are presented.

The table for the statewide totals (Table 1) provides birth statistics for the white, black, Native, and

Asian/Pacific Islander races. However, due to the low number of reportable events for some census areas or boroughs, birth outcomes by Census Area (Borough) and Native Regional Corporation are only shown for the two predominant races in Alaska: Native and white.

Also, unknown values are not reported in these tables. Thus, the percentages for certain categories such as Mother's Age Group may not total to 100%.

Since female population estimates are not available by race for individual census areas, fertility rates and teen birth rates cannot be calculated for these tables (Table 2 and Table 3).

<sup>1</sup> Crondahl, J., Mitchell, P., Zenk, A., Walden, S. Department of Health and Social Services, Division of Public Health, Alaska Bureau of Vital Statistics 1998 Annual Report, Juneau, Alaska, June 2000, p 9.

<sup>2</sup> Zenk, A., Withington, R. Department of Health and Social Services, Division of Public Health, Alaska Bureau of Vital Statistics 1990 Annual Report, Juneau, Alaska, April 1993, p 9.

<sup>3</sup> National Center for Health Statistics, U.S. Department of Health and Human Services, "Births, Preliminary Data for 1999", National Vital Statistics Report, Vol. 48, No. 14, August 8, 2000, p. 2.

<sup>4</sup> National Center for Health Statistics, U.S. Department of Health and Human Services, "Births, Final Data for 1998", National Vital Statistics Report, Vol. 48, No. 3, March 28, 2000, p 3.

**TABLE 1 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	9,975	100.0	29,898	100.0	6,463	64.8	19,660	65.8	2,461	24.7	7,275	24.3
TO RESIDENTS	9,959	100.0	29,843	100.0	6,453	64.8	19,620	65.7	2,456	24.7	7,265	24.3
POPULATION(1)												
MALES	323,686	52.0	320,743	52.0	240,936	52.5	239,474	52.5	52,419	50.0	51,675	50.0
FEMALES	298,314	48.0	295,503	48.0	217,726	47.5	216,352	47.5	52,326	50.0	51,610	50.0
TOTAL	622,000	100.0	616,246	100.0	458,662	100.0	455,827	100.0	104,745	100.0	103,286	100.0
BIRTH RATES(2)												
CRUDE BIRTH RATE*	9,959	16.0	29,843	16.1	6,453	14.1	19,620	14.3	2,456	23.4	7,265	23.4
TEEN BIRTH RATE*	1,122	47.8	3,325	48.8	551	33.8	1,730	36.3	433	85.5	1,228	85.1
FERTILITY RATE*	9,959	72.5	29,843	71.9	6,453	64.3	19,620	64.2	2,456	106.0	7,265	105.8
FACILITY												
HOSPITAL	9,317	93.6	28,139	94.3	5,904	91.5	18,187	92.7	2,404	97.9	7,100	97.7
BIRTHING CENTER	299	3.0	707	2.4	280	4.3	664	3.4	8	0.3	17	0.2
HOME	183	1.8	506	1.7	170	2.6	465	2.4	5	0.2	22	0.3
CLINIC	34	0.3	117	0.4	1	-	14	0.1	32	1.3	97	1.3
OUTSIDE ALASKA	124	1.2	366	1.2	96	1.5	286	1.5	7	0.3	25	0.3
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	17	0.2	47	0.2	5	0.1	11	0.1	9	0.4	30	0.4
15-19	1,122	11.3	3,325	11.1	551	8.5	1,730	8.8	433	17.6	1,228	16.9
20-24	2,711	27.2	8,018	26.9	1,658	25.7	4,966	25.3	735	29.9	2,205	30.4
25-29	2,770	27.8	8,224	27.6	1,869	29.0	5,709	29.1	626	25.5	1,748	24.1
30-34	1,962	19.7	6,179	20.7	1,391	21.6	4,301	21.9	389	15.8	1,281	17.6
35-39	1,096	11.0	3,262	10.9	783	12.1	2,316	11.8	205	8.3	635	8.7
40-44	257	2.6	738	2.5	174	2.7	543	2.8	57	2.3	132	1.8
45+	20	0.2	46	0.2	18	0.3	40	0.2	2	0.1	6	0.1
REPORTED DRINKING	348	3.5	1,079	3.6	149	2.3	429	2.2	186	7.6	614	8.5
REPORTED SMOKING	1,774	17.8	5,505	18.4	870	13.5	2,788	14.2	824	33.6	2,507	34.5
UNWED	3,299	33.1	9,422	31.6	1,495	23.2	4,344	22.1	1,435	58.4	4,104	56.5
EDUCATION												
<12 YEARS	1,331	13.4	4,029	13.5	618	9.6	1,855	9.5	599	24.4	1,823	25.1
12 YEARS	4,194	42.1	12,483	41.8	2,402	37.2	7,261	37.0	1,325	53.9	3,973	54.7
12+ YEARS	4,186	42.0	12,705	42.6	3,334	51.7	10,219	52.1	429	17.5	1,227	16.9
PRENATAL CARE												
1ST TRIMESTER	7,810	78.4	23,729	79.5	5,254	81.4	16,091	82.0	1,754	71.4	5,372	73.9
3RD TRIMESTER	425	4.3	1,165	3.9	222	3.4	622	3.2	162	6.6	419	5.8
NO PRENATAL CARE	0	-	7	-	0	-	3	-	0	-	3	-
APNCU INDEX												
ADEQUATE+	2,700	27.1	8,114	27.2	1,914	29.7	5,835	29.7	473	19.3	1,400	19.3
ADEQUATE	3,987	40.0	11,965	40.1	2,901	45.0	8,698	44.3	686	27.9	2,148	29.6
INTERMEDIATE	1,550	15.6	4,745	15.9	801	12.4	2,569	13.1	606	24.7	1,763	24.3
INADEQUATE	1,462	14.7	4,279	14.3	698	10.8	2,151	11.0	614	25.0	1,696	23.3
KESSNER INDEX												
ADEQUATE	6,632	66.6	20,220	67.8	4,758	73.7	14,595	74.4	1,174	47.8	3,649	50.2
INTERMEDIATE	2,648	26.6	7,742	25.9	1,338	20.7	4,049	20.6	1,045	42.5	2,949	40.6
INADEQUATE	425	4.3	1,165	3.9	222	3.4	622	3.2	162	6.6	419	5.8
C-SECTION BIRTHS												
PRE-TERM BIRTHS	1,482	14.9	4,633	15.5	1,090	16.9	3,461	17.6	225	9.2	637	8.8
LOW BIRTH WEIGHT	1,071	10.8	3,092	10.4	620	9.6	1,772	9.0	306	12.5	968	13.3
TOTAL	572	5.7	1,741	5.8	335	5.2	1,053	5.4	146	5.9	429	5.9

(1) Three year population estimates are three-year averages.

(2) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

**TABLE 1 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE**

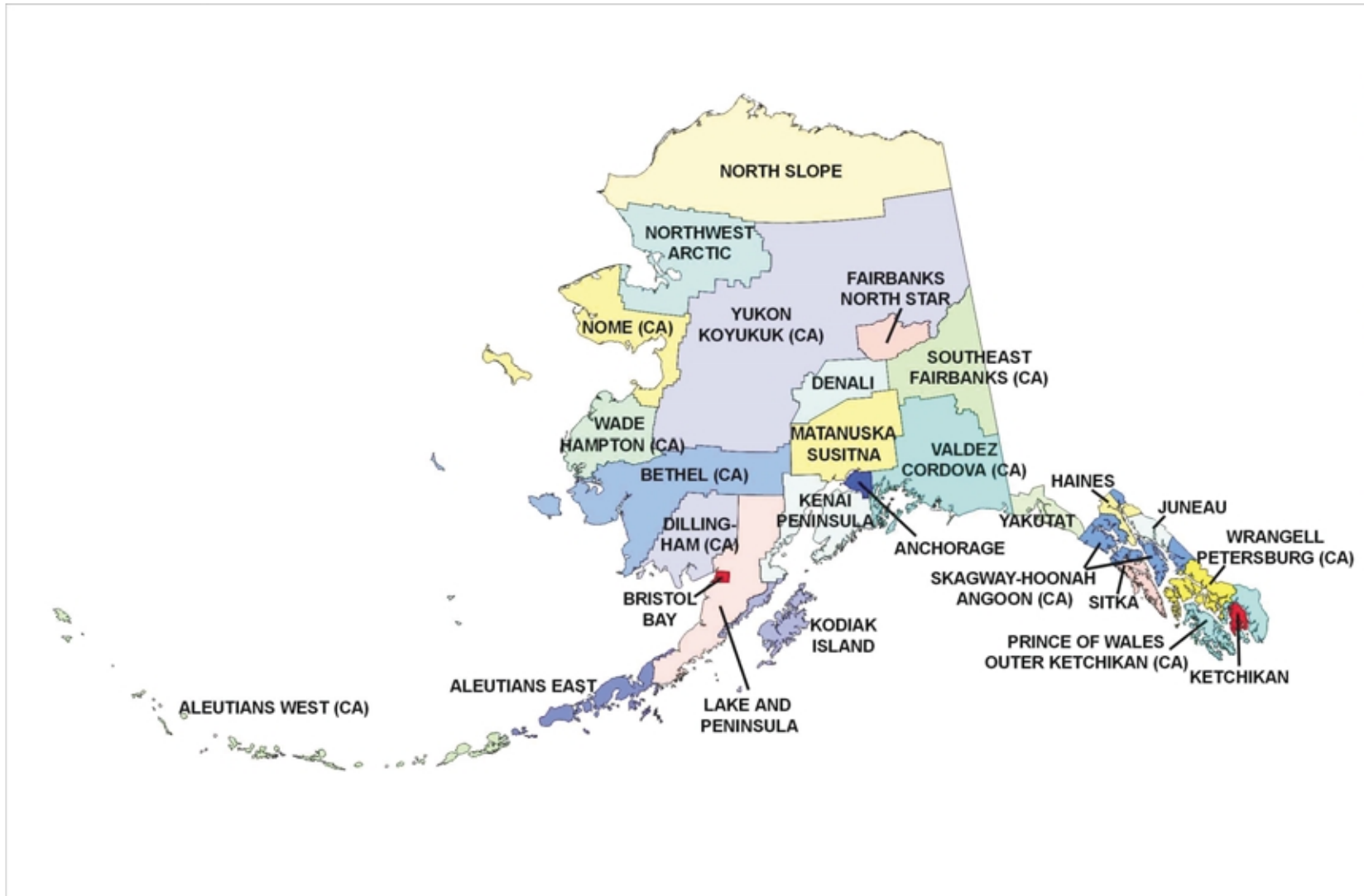
BIRTH STATISTIC	ALL RACES				BLACK				ASIAN/PI			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	9,975	100.0	29,898	100.0	428	4.3	1,279	4.3	451	4.5	1,446	4.8
TO RESIDENTS	9,959	100.0	29,843	100.0	427	4.3	1,277	4.3	451	4.5	1,443	4.8
POPULATION(1)												
MALES	323,686	52.0	320,743	52.0	15,498	56.1	15,353	56.1	14,833	47.9	14,240	47.9
FEMALES	298,314	48.0	295,503	48.0	12,119	43.9	12,029	43.9	16,143	52.1	15,511	52.1
TOTAL	622,000	100.0	616,246	100.0	27,617	100.0	27,382	100.0	30,976	100.0	29,751	100.0
BIRTH RATES(2)												
CRUDE BIRTH RATE*	9,959	16.0	29,843	16.1	427	15.5	1,277	15.5	451	14.6	1,443	16.2
TEEN BIRTH RATE*	1,122	47.8	3,325	48.8	70	64.8	191	61.2	48	46.2	152	52.1
FERTILITY RATE*	9,959	72.5	29,843	71.9	427	65.0	1,277	65.0	451	61.8	1,443	67.6
FACILITY												
HOSPITAL	9,317	93.6	28,139	94.3	415	97.2	1,253	98.1	433	96.0	1,394	96.6
BIRTHING CENTER	299	3.0	707	2.4	4	0.9	9	0.7	6	1.3	15	1.0
HOME	183	1.8	506	1.7	3	0.7	7	0.5	4	0.9	11	0.8
CLINIC	34	0.3	117	0.4	0	-	1	0.1	1	0.2	5	0.3
OUTSIDE ALASKA	124	1.2	366	1.2	5	1.2	7	0.5	7	1.6	18	1.2
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	17	0.2	47	0.2	1	0.2	4	0.3	2	0.4	2	0.1
15-19	1,122	11.3	3,325	11.1	70	16.4	191	15.0	48	10.6	152	10.5
20-24	2,711	27.2	8,018	26.9	164	38.4	465	36.4	105	23.3	321	22.2
25-29	2,770	27.8	8,224	27.6	110	25.8	307	24.0	116	25.7	389	27.0
30-34	1,962	19.7	6,179	20.7	42	9.8	188	14.7	106	23.5	360	24.9
35-39	1,096	11.0	3,262	10.9	32	7.5	102	8.0	63	14.0	188	13.0
40-44	257	2.6	738	2.5	8	1.9	20	1.6	11	2.4	31	2.1
45+	20	0.2	46	0.2	0	-	0	-	0	-	0	-
REPORTED DRINKING	348	3.5	1,079	3.6	6	1.4	20	1.6	5	1.1	14	1.0
REPORTED SMOKING	1,774	17.8	5,505	18.4	35	8.2	98	7.7	18	4.0	81	5.6
UNWED	3,299	33.1	9,422	31.6	195	45.7	539	42.2	121	26.8	369	25.6
EDUCATION												
<12 YEARS	1,331	13.4	4,029	13.5	36	8.4	138	10.8	51	11.3	184	12.8
12 YEARS	4,194	42.1	12,483	41.8	203	47.5	568	44.5	193	42.8	597	41.4
12+ YEARS	4,186	42.0	12,705	42.6	184	43.1	563	44.1	199	44.1	638	44.2
PRENATAL CARE												
1ST TRIMESTER	7,810	78.4	23,729	79.5	355	83.1	1,041	81.5	327	72.5	1,069	74.1
3RD TRIMESTER	425	4.3	1,165	3.9	11	2.6	51	4.0	23	5.1	63	4.4
NO PRENATAL CARE	0	-	7	-	0	-	0	-	0	-	1	0.1
APNCU INDEX												
ADEQUATE+	2,700	27.1	8,114	27.2	171	40.0	473	37.0	105	23.3	355	24.6
ADEQUATE	3,987	40.0	11,965	40.1	170	39.8	502	39.3	166	36.8	535	37.1
INTERMEDIATE	1,550	15.6	4,745	15.9	42	9.8	125	9.8	73	16.2	256	17.7
INADEQUATE	1,462	14.7	4,279	14.3	35	8.2	149	11.7	97	21.5	259	17.9
KESSNER INDEX												
ADEQUATE	6,632	66.6	20,220	67.8	330	77.3	954	74.7	270	59.9	890	61.7
INTERMEDIATE	2,648	26.6	7,742	25.9	77	18.0	244	19.1	148	32.8	453	31.4
INADEQUATE	425	4.3	1,165	3.9	11	2.6	51	4.0	23	5.1	63	4.4
C-SECTION BIRTHS	1,482	14.9	4,633	15.5	70	16.4	246	19.3	67	14.9	247	17.1
PRE-TERM BIRTHS	1,071	10.8	3,092	10.4	61	14.3	177	13.9	66	14.6	155	10.7
LOW BIRTH WEIGHT	572	5.7	1,741	5.8	44	10.3	140	11.0	34	7.5	102	7.1

(1) Three year population estimates are three-year averages.

(2) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.





**Borough and Census Area (CA) Map of Alaska**



**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**ALEUTIANS EAST BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	0	-	0	-	0	-	0	-	0	-	0	-
TO RESIDENTS	19	100.0	65	100.0	3	15.8	12	18.5	15	78.9	51	78.5
<b>POPULATION (1,2)</b>												
MALES	1,183	55.0	1,195	55.1								
FEMALES	968	45.0	975	44.9								
TOTAL	2,151	100.0	2,169	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	19	8.8	65	10.0	3	5.3*	12	6.5	15	13.6	51	14.3
TEEN BIRTH RATE*	1	11.9*	11	44.0								
FERTILITY RATE*	19	43.3	65	49.2								
<b>FACILITY</b>												
HOSPITAL	18	94.7	61	93.8	2	66.7	9	75.0	15	100.0	51	100.0
BIRTHING CENTER	0	-	0	-	0	-	0	-	0	-	0	-
HOME	0	-	0	-	0	-	0	-	0	-	0	-
CLINIC	0	-	0	-	0	-	0	-	0	-	0	-
OUTSIDE ALASKA	1	5.3	4	6.2	1	33.3	3	25.0	0	-	0	-
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	0	-	0	-	**	**	0	-	**	**	0	-
15-19	1	5.3	11	16.9	**	**	0	-	**	**	11	21.6
20-24	6	31.6	21	32.3	**	**	6	50.0	**	**	15	29.4
25-29	5	26.3	8	12.3	**	**	0	-	**	**	8	15.7
30-34	3	15.8	15	23.1	**	**	5	41.7	**	**	10	19.6
35-39	3	15.8	9	13.8	**	**	1	8.3	**	**	6	11.8
40-44	1	5.3	1	1.5	**	**	0	-	**	**	1	2.0
45+	0	-	0	-	**	**	0	-	**	**	0	-
REPORTED DRINKING	1	5.3	8	12.3	**	**	2	16.7	**	**	6	11.8
REPORTED SMOKING	5	26.3	28	43.1	**	**	2	16.7	**	**	26	51.0
UNWED	9	47.4	37	56.9	**	**	6	50.0	**	**	31	60.8
<b>EDUCATION</b>												
<12 YEARS	1	5.3	5	7.7	**	**	1	8.3	**	**	4	7.8
12 YEARS	10	52.6	41	63.1	**	**	6	50.0	**	**	35	68.6
12+ YEARS	7	36.8	15	23.1	**	**	3	25.0	**	**	11	21.6
<b>PRENATAL CARE</b>												
1ST TRIMESTER	16	84.2	53	81.5	**	**	10	83.3	**	**	41	80.4
3RD TRIMESTER	0	-	2	3.1	**	**	0	-	**	**	2	3.9
NO PRENATAL CARE	0	-	0	-	**	**	0	-	**	**	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	11	57.9	30	46.2	**	**	5	41.7	**	**	24	47.1
ADEQUATE	6	31.6	23	35.4	**	**	5	41.7	**	**	18	35.3
INTERMEDIATE	1	5.3	3	4.6	**	**	1	8.3	**	**	2	3.9
INADEQUATE	1	5.3	9	13.8	**	**	1	8.3	**	**	7	13.7
<b>KESSNER INDEX</b>												
ADEQUATE	14	73.7	50	76.9	**	**	9	75.0	**	**	40	78.4
INTERMEDIATE	5	26.3	13	20.0	**	**	3	25.0	**	**	9	17.6
INADEQUATE	0	-	2	3.1	**	**	0	-	**	**	2	3.9
C-SECTION BIRTHS	2	10.5	7	10.8	**	**	0	-	**	**	7	13.7
PRE-TERM BIRTHS	1	5.3	2	3.1	**	**	1	8.3	**	**	1	2.0
LOW BIRTH WEIGHT	0	-	1	1.5	**	**	0	-	**	**	1	2.0

(1) Three year population estimates are three-year averages.  
 (2) Population estimates by race and sex are not available at the borough or census area level.  
 (3) Rate per 1,000 population.  
 \* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.  
 \*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.



**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**ALEUTIANS WEST CENSUS AREA**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	1	100.0	3	100.0	0	-	1	33.3	0	-	0	-
TO RESIDENTS	34	100.0	124	100.0	16	47.1	64	51.6	11	32.4	40	32.3
POPULATION (1,2)												
MALES	3,135	59.3	3,186	59.9								
FEMALES	2,150	40.7	2,136	40.1								
TOTAL	5,285	100.0	5,321	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	34	6.4	124	7.8	16	5.3	64	7.1	11	7.0	40	8.2
TEEN BIRTH RATE*	3	20.7*	11	27.2								
FERTILITY RATE*	34	32.1	124	38.8								
FACILITY												
HOSPITAL	19	55.9	76	61.3	5	31.3	23	35.9	11	100.0	40	100.0
BIRTHING CENTER	2	5.9	6	4.8	2	12.5	6	9.4	0	-	0	-
HOME	0	-	1	0.8	0	-	1	1.6	0	-	0	-
CLINIC	1	2.9	2	1.6	0	-	0	-	0	-	0	-
OUTSIDE ALASKA	12	35.3	39	31.5	9	56.3	34	53.1	0	-	0	-
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	1	2.9	1	0.8	0	-	0	-	1	9.1	1	2.5
15-19	3	8.8	11	8.9	1	6.3	2	3.1	2	18.2	5	12.5
20-24	5	14.7	23	18.5	3	18.8	10	15.6	1	9.1	11	27.5
25-29	6	17.6	27	21.8	2	12.5	16	25.0	3	27.3	9	22.5
30-34	9	26.5	33	26.6	3	18.8	17	26.6	3	27.3	7	17.5
35-39	7	20.6	25	20.2	5	31.3	17	26.6	1	9.1	6	15.0
40-44	2	5.9	3	2.4	1	6.3	1	1.6	0	-	1	2.5
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	0	-	1	0.8	0	-	0	-	0	-	1	2.5
REPORTED SMOKING	7	20.6	32	25.8	1	6.3	10	15.6	5	45.5	20	50.0
UNWED	11	32.4	30	24.2	2	12.5	7	10.9	7	63.6	17	42.5
EDUCATION												
<12 YEARS	5	14.7	11	8.9	1	6.3	2	3.1	3	27.3	6	15.0
12 YEARS	12	35.3	46	37.1	2	12.5	14	21.9	6	54.5	23	57.5
12+ YEARS	12	35.3	48	38.7	9	56.3	31	48.4	2	18.2	11	27.5
PRENATAL CARE												
1ST TRIMESTER	21	61.8	95	76.6	9	56.3	48	75.0	8	72.7	32	80.0
3RD TRIMESTER	3	8.8	7	5.6	2	12.5	3	4.7	0	-	3	7.5
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	11	32.4	39	31.5	2	12.5	11	17.2	7	63.6	21	52.5
ADEQUATE	9	26.5	38	30.6	6	37.5	21	32.8	2	18.2	11	27.5
INTERMEDIATE	6	17.6	22	17.7	4	25.0	17	26.6	2	18.2	3	7.5
INADEQUATE	5	14.7	18	14.5	2	12.5	10	15.6	0	-	5	12.5
KESSNER INDEX												
ADEQUATE	17	50.0	74	59.7	6	37.5	32	50.0	8	72.7	30	75.0
INTERMEDIATE	12	35.3	37	29.8	7	43.8	25	39.1	3	27.3	7	17.5
INADEQUATE	3	8.8	7	5.6	2	12.5	3	4.7	0	-	3	7.5
C-SECTION BIRTHS	8	23.5	18	14.5	3	18.8	7	10.9	3	27.3	8	20.0
PRE-TERM BIRTHS	0	-	11	8.9	0	-	3	4.7	0	-	5	12.5
LOW BIRTH WEIGHT	0	-	6	4.8	0	-	0	-	0	-	3	7.5

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**MUNICIPALITY OF ANCHORAGE**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	5,307	100.0	15,693	100.0	3,452	65.0	10,444	66.6	1,192	22.5	3,378	21.5
TO RESIDENTS	4,270	100.0	12,617	100.0	3,059	71.6	9,191	72.8	572	13.4	1,639	13.0
<b>POPULATION (1,2)</b>												
MALES	133,096	51.3	132,010	51.3								
FEMALES	126,295	48.7	125,124	48.7								
TOTAL	259,391	100.0	257,134	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	4,270	16.5	12,617	16.4	3,059	15.3	9,191	15.3	572	27.1	1,639	26.6
TEEN BIRTH RATE*	453	49.8	1,303	49.1								
FERTILITY RATE*	4,270	71.3	12,617	69.9								
<b>FACILITY</b>												
HOSPITAL	4,080	95.6	12,153	96.3	2,887	94.4	8,767	95.4	567	99.1	1,627	99.3
BIRTHING CENTER	97	2.3	225	1.8	93	3.0	213	2.3	3	0.5	5	0.3
HOME	69	1.6	184	1.5	61	2.0	163	1.8	1	0.2	6	0.4
CLINIC	0	-	0	-	0	-	0	-	0	-	0	-
OUTSIDE ALASKA	24	0.6	55	0.4	18	0.6	48	0.5	1	0.2	1	0.1
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	7	0.2	15	0.1	3	0.1	5	0.1	1	0.2	5	0.3
15-19	453	10.6	1,303	10.3	256	8.4	777	8.5	106	18.5	286	17.4
20-24	1,117	26.2	3,257	25.8	739	24.2	2,229	24.3	188	32.9	521	31.8
25-29	1,203	28.2	3,535	28.0	891	29.1	2,686	29.2	146	25.5	395	24.1
30-34	888	20.8	2,772	22.0	698	22.8	2,120	23.1	73	12.8	275	16.8
35-39	477	11.2	1,404	11.1	375	12.3	1,107	12.0	42	7.3	127	7.7
40-44	116	2.7	310	2.5	88	2.9	246	2.7	16	2.8	30	1.8
45+	9	0.2	21	0.2	9	0.3	21	0.2	0	-	0	-
REPORTED DRINKING	148	3.5	436	3.5	83	2.7	225	2.4	58	10.1	187	11.4
REPORTED SMOKING	629	14.7	1,888	15.0	374	12.2	1,152	12.5	206	36.0	601	36.7
UNWED	1,337	31.3	3,748	29.7	738	24.1	2,125	23.1	343	60.0	952	58.1
<b>EDUCATION</b>												
<12 YEARS	530	12.4	1,564	12.4	272	8.9	844	9.2	183	32.0	486	29.7
12 YEARS	1,543	36.1	4,596	36.4	1,060	34.7	3,177	34.6	224	39.2	695	42.4
12+ YEARS	2,117	49.6	6,266	49.7	1,702	55.6	5,101	55.5	134	23.4	376	22.9
<b>PRENATAL CARE</b>												
1ST TRIMESTER	3,580	83.8	10,753	85.2	2,627	85.9	8,004	87.1	453	79.2	1,304	79.6
3RD TRIMESTER	95	2.2	259	2.1	61	2.0	158	1.7	15	2.6	54	3.3
NO PRENATAL CARE	0	-	3	-	0	-	1	-	0	-	1	0.1
<b>APNCU INDEX</b>												
ADEQUATE+	1,402	32.8	4,306	34.1	1,053	34.4	3,308	36.0	128	22.4	381	23.2
ADEQUATE	1,985	46.5	5,763	45.7	1,509	49.3	4,407	47.9	220	38.5	639	39.0
INTERMEDIATE	450	10.5	1,310	10.4	264	8.6	779	8.5	122	21.3	335	20.4
INADEQUATE	341	8.0	977	7.7	183	6.0	554	6.0	89	15.6	231	14.1
<b>KESSNER INDEX</b>												
ADEQUATE	3,321	77.8	9,979	79.1	2,497	81.6	7,608	82.8	360	62.9	1,052	64.2
INTERMEDIATE	764	17.9	2,125	16.8	453	14.8	1,289	14.0	184	32.2	480	29.3
INADEQUATE	95	2.2	259	2.1	61	2.0	158	1.7	15	2.6	54	3.3
C-SECTION BIRTHS	661	15.5	2,125	16.8	508	16.6	1,629	17.7	52	9.1	152	9.3
PRE-TERM BIRTHS	492	11.5	1,341	10.6	321	10.5	888	9.7	76	13.3	222	13.5
LOW BIRTH WEIGHT	273	6.4	799	6.3	171	5.6	526	5.7	42	7.3	113	6.9

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**BETHEL CENSUS AREA**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	394	100.0	1,224	100.0	10	2.5	32	2.6	384	97.5	1,187	97.0
TO RESIDENTS	435	100.0	1,263	100.0	26	6.0	79	6.3	409	94.0	1,176	93.1
<b>POPULATION (1,2)</b>												
MALES	8,445	52.2	8,281	52.1								
FEMALES	7,722	47.8	7,618	47.9								
TOTAL	16,167	100.0	15,899	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	435	26.9	1,263	26.5	26	14.0	79	14.0	409	29.0	1,176	28.4
TEEN BIRTH RATE*	65	90.5	156	75.3								
FERTILITY RATE*	435	132.1	1,263	129.5								
<b>FACILITY</b>												
HOSPITAL	418	96.1	1,228	97.2	22	84.6	71	89.9	396	96.8	1,149	97.7
BIRTHING CENTER	1	0.2	2	0.2	1	3.8	2	2.5	0	-	0	-
HOME	2	0.5	5	0.4	1	3.8	1	1.3	1	0.2	4	0.3
CLINIC	11	2.5	22	1.7	0	-	1	1.3	11	2.7	21	1.8
OUTSIDE ALASKA	3	0.7	5	0.4	2	7.7	4	5.1	1	0.2	1	0.1
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	0	-	2	0.2	0	-	0	-	0	-	2	0.2
15-19	65	14.9	156	12.4	1	3.8	5	6.3	64	15.6	151	12.8
20-24	120	27.6	385	30.5	2	7.7	10	12.7	118	28.9	373	31.7
25-29	98	22.5	302	23.9	6	23.1	17	21.5	92	22.5	282	24.0
30-34	97	22.3	262	20.7	13	50.0	32	40.5	84	20.5	228	19.4
35-39	43	9.9	132	10.5	4	15.4	13	16.5	39	9.5	118	10.0
40-44	11	2.5	22	1.7	0	-	2	2.5	11	2.7	20	1.7
45+	1	0.2	2	0.2	0	-	0	-	1	0.2	2	0.2
REPORTED DRINKING	13	3.0	54	4.3	0	-	3	3.8	13	3.2	51	4.3
REPORTED SMOKING	78	17.9	193	15.3	1	3.8	8	10.1	77	18.8	185	15.7
UNWED	205	47.1	546	43.2	2	7.7	14	17.7	203	49.6	529	45.0
<b>EDUCATION</b>												
<12 YEARS	77	17.7	231	18.3	2	7.7	4	5.1	75	18.3	226	19.2
12 YEARS	287	66.0	830	65.7	6	23.1	19	24.1	281	68.7	805	68.5
12+ YEARS	55	12.6	173	13.7	16	61.5	53	67.1	39	9.5	119	10.1
<b>PRENATAL CARE</b>												
1ST TRIMESTER	289	66.4	943	74.7	20	76.9	64	81.0	269	65.8	872	74.1
3RD TRIMESTER	46	10.6	91	7.2	4	15.4	5	6.3	42	10.3	86	7.3
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	56	12.9	169	13.4	9	34.6	25	31.6	47	11.5	143	12.2
ADEQUATE	77	17.7	288	22.8	9	34.6	25	31.6	68	16.6	262	22.3
INTERMEDIATE	126	29.0	366	29.0	3	11.5	15	19.0	123	30.1	347	29.5
INADEQUATE	161	37.0	392	31.0	5	19.2	13	16.5	156	38.1	377	32.1
<b>KESSNER INDEX</b>												
ADEQUATE	145	33.3	522	41.3	17	65.4	56	70.9	128	31.3	463	39.4
INTERMEDIATE	230	52.9	604	47.8	5	19.2	17	21.5	225	55.0	582	49.5
INADEQUATE	46	10.6	91	7.2	4	15.4	5	6.3	42	10.3	86	7.3
C-SECTION BIRTHS	33	7.6	86	6.8	1	3.8	10	12.7	32	7.8	75	6.4
PRE-TERM BIRTHS	58	13.3	166	13.1	2	7.7	10	12.7	56	13.7	155	13.2
LOW BIRTH WEIGHT	23	5.3	65	5.1	1	3.8	4	5.1	22	5.4	61	5.2

(1) Three year population estimates are three-year averages.

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(3) Rate per 1,000 population.

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**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**BRISTOL BAY BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	0	-	0	-	0	-	0	-	0	-	0	-
TO RESIDENTS	20	100.0	60	100.0	16	80.0	42	70.0	4	20.0	18	30.0
<b>POPULATION (1,2)</b>												
MALES	670	53.3	673	53.1								
FEMALES	588	46.7	594	46.9								
TOTAL	1,258	100.0	1,266	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	20	15.9	60	15.8	16	23.8	42	20.3	4	7.3*	18	11.2
TEEN BIRTH RATE*	3	60.0*	6	43.5								
FERTILITY RATE*	20	74.9	60	74.2								
<b>FACILITY</b>												
HOSPITAL	18	90.0	56	93.3	14	87.5	38	90.5	4	100.0	18	100.0
BIRTHING CENTER	1	5.0	1	1.7	1	6.3	1	2.4	0	-	0	-
HOME	0	-	0	-	0	-	0	-	0	-	0	-
CLINIC	0	-	0	-	0	-	0	-	0	-	0	-
OUTSIDE ALASKA	1	5.0	3	5.0	1	6.3	3	7.1	0	-	0	-
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	0	-	0	-	**	**	0	-	**	**	0	-
15-19	3	15.0	6	10.0	**	**	5	11.9	**	**	1	5.6
20-24	1	5.0	7	11.7	**	**	4	9.5	**	**	3	16.7
25-29	6	30.0	21	35.0	**	**	13	31.0	**	**	8	44.4
30-34	5	25.0	15	25.0	**	**	11	26.2	**	**	4	22.2
35-39	4	20.0	10	16.7	**	**	8	19.0	**	**	2	11.1
40-44	1	5.0	1	1.7	**	**	1	2.4	**	**	0	-
45+	0	-	0	-	**	**	0	-	**	**	0	-
REPORTED DRINKING	1	5.0	1	1.7	**	**	0	-	**	**	1	5.6
REPORTED SMOKING	6	30.0	12	20.0	**	**	6	14.3	**	**	6	33.3
UNWED	11	55.0	19	31.7	**	**	12	28.6	**	**	7	38.9
<b>EDUCATION</b>												
<12 YEARS	2	10.0	7	11.7	**	**	4	9.5	**	**	3	16.7
12 YEARS	8	40.0	26	43.3	**	**	17	40.5	**	**	9	50.0
12+ YEARS	9	45.0	24	40.0	**	**	19	45.2	**	**	5	27.8
<b>PRENATAL CARE</b>												
1ST TRIMESTER	14	70.0	49	81.7	**	**	32	76.2	**	**	17	94.4
3RD TRIMESTER	2	10.0	3	5.0	**	**	2	4.8	**	**	1	5.6
NO PRENATAL CARE	0	-	0	-	**	**	0	-	**	**	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	5	25.0	21	35.0	**	**	13	31.0	**	**	8	44.4
ADEQUATE	6	30.0	20	33.3	**	**	12	28.6	**	**	8	44.4
INTERMEDIATE	3	15.0	10	16.7	**	**	9	21.4	**	**	1	5.6
INADEQUATE	5	25.0	7	11.7	**	**	6	14.3	**	**	1	5.6
<b>KESSNER INDEX</b>												
ADEQUATE	11	55.0	39	65.0	**	**	26	61.9	**	**	13	72.2
INTERMEDIATE	6	30.0	16	26.7	**	**	12	28.6	**	**	4	22.2
INADEQUATE	2	10.0	3	5.0	**	**	2	4.8	**	**	1	5.6
C-SECTION BIRTHS	1	5.0	1	1.7	**	**	1	2.4	**	**	0	-
PRE-TERM BIRTHS	1	5.0	6	10.0	**	**	2	4.8	**	**	4	22.2
LOW BIRTH WEIGHT	0	-	2	3.3	**	**	0	-	**	**	2	11.1

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(3) Rate per 1,000 population.

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**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**DENALI BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	0	-	1	100.0	0	-	1	100.0	0	-	0	-
TO RESIDENTS	16	100.0	60	100.0	15	93.8	51	85.0	1	6.3	5	8.3
<b>POPULATION (1,2)</b>												
MALES	1,053	56.3	1,054	56.1								
FEMALES	818	43.7	824	43.9								
TOTAL	1,871	100.0	1,878	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	16	8.6	60	10.6	15	8.5	51	9.6	1	16.4*	5	26.6
TEEN BIRTH RATE*	2	25.0*	3	12.6								
FERTILITY RATE*	16	40.7	60	48.7								
<b>FACILITY</b>												
HOSPITAL	14	87.5	53	88.3	13	86.7	44	86.3	1	100.0	5	100.0
BIRTHING CENTER	2	12.5	6	10.0	2	13.3	6	11.8	0	-	0	-
HOME	0	-	1	1.7	0	-	1	2.0	0	-	0	-
CLINIC	0	-	0	-	0	-	0	-	0	-	0	-
OUTSIDE ALASKA	0	-	0	-	0	-	0	-	0	-	0	-
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	0	-	0	-	**	**	0	-	**	**	0	-
15-19	2	12.5	3	5.0	**	**	2	3.9	**	**	1	20.0
20-24	5	31.3	17	28.3	**	**	15	29.4	**	**	1	20.0
25-29	4	25.0	13	21.7	**	**	11	21.6	**	**	1	20.0
30-34	3	18.8	14	23.3	**	**	11	21.6	**	**	2	40.0
35-39	2	12.5	11	18.3	**	**	10	19.6	**	**	0	-
40-44	0	-	2	3.3	**	**	2	3.9	**	**	0	-
45+	0	-	0	-	**	**	0	-	**	**	0	-
REPORTED DRINKING	1	6.3	2	3.3	**	**	2	3.9	**	**	0	-
REPORTED SMOKING	1	6.3	6	10.0	**	**	3	5.9	**	**	3	60.0
UNWED	6	37.5	14	23.3	**	**	10	19.6	**	**	4	80.0
<b>EDUCATION</b>												
<12 YEARS	4	25.0	7	11.7	**	**	4	7.8	**	**	3	60.0
12 YEARS	4	25.0	20	33.3	**	**	15	29.4	**	**	2	40.0
12+ YEARS	8	50.0	33	55.0	**	**	32	62.7	**	**	0	-
<b>PRENATAL CARE</b>												
1ST TRIMESTER	12	75.0	44	73.3	**	**	40	78.4	**	**	1	20.0
3RD TRIMESTER	0	-	2	3.3	**	**	0	-	**	**	1	20.0
NO PRENATAL CARE	0	-	0	-	**	**	0	-	**	**	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	1	6.3	2	3.3	**	**	2	3.9	**	**	0	-
ADEQUATE	6	37.5	25	41.7	**	**	22	43.1	**	**	1	20.0
INTERMEDIATE	4	25.0	17	28.3	**	**	16	31.4	**	**	0	-
INADEQUATE	4	25.0	12	20.0	**	**	7	13.7	**	**	4	80.0
<b>KESSNER INDEX</b>												
ADEQUATE	10	62.5	30	50.0	**	**	28	54.9	**	**	0	-
INTERMEDIATE	5	31.3	24	40.0	**	**	19	37.3	**	**	4	80.0
INADEQUATE	0	-	2	3.3	**	**	0	-	**	**	1	20.0
<b>C-SECTION BIRTHS</b>												
PRE-TERM BIRTHS	3	18.8	13	21.7	**	**	13	25.5	**	**	0	-
LOW BIRTH WEIGHT	1	6.3	2	3.3	**	**	2	3.9	**	**	0	-

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(3) Rate per 1,000 population.

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**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**DILLINGHAM CENSUS AREA**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	65	100.0	206	100.0	6	9.2	14	6.8	57	87.7	188	91.3
TO RESIDENTS	95	100.0	302	100.0	19	20.0	42	13.9	74	77.9	254	84.1
POPULATION (1,2)												
MALES	2,463	52.1	2,430	52.3								
FEMALES	2,268	47.9	2,215	47.7								
TOTAL	4,731	100.0	4,645	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	95	20.1	302	21.7	19	18.7	42	13.9	74	20.0	254	23.3
TEEN BIRTH RATE*	13	67.0	41	75.9								
FERTILITY RATE*	95	98.2	302	105.7								
FACILITY												
HOSPITAL	92	96.8	294	97.4	17	89.5	40	95.2	73	98.6	248	97.6
BIRTHING CENTER	0	-	0	-	0	-	0	-	0	-	0	-
HOME	1	1.1	1	0.3	1	5.3	1	2.4	0	-	0	-
CLINIC	1	1.1	5	1.7	0	-	0	-	1	1.4	5	2.0
OUTSIDE ALASKA	1	1.1	2	0.7	1	5.3	1	2.4	0	-	1	0.4
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	0	-	0	-	0	-	0	-	0	-	0	-
15-19	13	13.7	41	13.6	1	5.3	4	9.5	12	16.2	37	14.6
20-24	32	33.7	84	27.8	4	21.1	7	16.7	26	35.1	73	28.7
25-29	19	20.0	61	20.2	8	42.1	11	26.2	11	14.9	50	19.7
30-34	16	16.8	72	23.8	4	21.1	10	23.8	12	16.2	61	24.0
35-39	13	13.7	39	12.9	2	10.5	9	21.4	11	14.9	29	11.4
40-44	2	2.1	5	1.7	0	-	1	2.4	2	2.7	4	1.6
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	5	5.3	24	7.9	2	10.5	4	9.5	3	4.1	20	7.9
REPORTED SMOKING	31	32.6	137	45.4	4	21.1	9	21.4	27	36.5	128	50.4
UNWED	40	42.1	129	42.7	3	15.8	9	21.4	36	48.6	117	46.1
EDUCATION												
<12 YEARS	10	10.5	53	17.5	0	-	3	7.1	10	13.5	50	19.7
12 YEARS	57	60.0	170	56.3	7	36.8	14	33.3	50	67.6	155	61.0
12+ YEARS	26	27.4	73	24.2	12	63.2	24	57.1	12	16.2	45	17.7
PRENATAL CARE												
1ST TRIMESTER	63	66.3	211	69.9	16	84.2	37	88.1	47	63.5	171	67.3
3RD TRIMESTER	8	8.4	36	11.9	2	10.5	3	7.1	4	5.4	31	12.2
NO PRENATAL CARE	0	-	1	0.3	0	-	0	-	0	-	1	0.4
APNCU INDEX												
ADEQUATE+	25	26.3	85	28.1	3	15.8	11	26.2	22	29.7	71	28.0
ADEQUATE	26	27.4	79	26.2	7	36.8	18	42.9	19	25.7	61	24.0
INTERMEDIATE	18	18.9	45	14.9	5	26.3	6	14.3	13	17.6	39	15.4
INADEQUATE	23	24.2	83	27.5	4	21.1	7	16.7	17	23.0	74	29.1
KESSNER INDEX												
ADEQUATE	47	49.5	164	54.3	11	57.9	31	73.8	36	48.6	130	51.2
INTERMEDIATE	37	38.9	94	31.1	6	31.6	8	19.0	31	41.9	86	33.9
INADEQUATE	8	8.4	36	11.9	2	10.5	3	7.1	4	5.4	31	12.2
C-SECTION BIRTHS	5	5.3	19	6.3	3	15.8	7	16.7	2	2.7	12	4.7
PRE-TERM BIRTHS	7	7.4	28	9.3	1	5.3	2	4.8	6	8.1	26	10.2
LOW BIRTH WEIGHT	7	7.4	16	5.3	2	10.5	3	7.1	5	6.8	13	5.1

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**FAIRBANKS NORTH STAR BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	1,579	100.0	4,839	100.0	1,147	72.6	3,581	74.0	241	15.3	690	14.3
TO RESIDENTS	1,415	100.0	4,278	100.0	1,066	75.3	3,304	77.2	160	11.3	422	9.9
POPULATION (1,2)												
MALES	44,120	52.7	43,667	52.6								
FEMALES	39,653	47.3	39,294	47.4								
TOTAL	83,773	100.0	82,961	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	1,415	16.9	4,278	17.2	1,066	15.5	3,304	16.2	160	24.9	422	23.0
TEEN BIRTH RATE*	144	49.5	425	50.1								
FERTILITY RATE*	1,415	73.0	4,278	73.3								
FACILITY												
HOSPITAL	1,340	94.7	4,072	95.2	998	93.6	3,115	94.3	160	100.0	419	99.3
BIRTHING CENTER	46	3.3	131	3.1	43	4.0	123	3.7	0	-	1	0.2
HOME	15	1.1	41	1.0	15	1.4	39	1.2	0	-	1	0.2
CLINIC	0	-	1	-	0	-	1	-	0	-	0	-
OUTSIDE ALASKA	14	1.0	33	0.8	10	0.9	26	0.8	0	-	1	0.2
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	1	0.1	2	-	1	0.1	2	0.1	0	-	0	-
15-19	144	10.2	425	9.9	98	9.2	295	8.9	23	14.4	67	15.9
20-24	467	33.0	1,395	32.6	329	30.9	1,033	31.3	55	34.4	143	33.9
25-29	410	29.0	1,239	29.0	309	29.0	990	30.0	49	30.6	100	23.7
30-34	244	17.2	764	17.9	204	19.1	620	18.8	21	13.1	66	15.6
35-39	122	8.6	366	8.6	103	9.7	298	9.0	10	6.3	35	8.3
40-44	26	1.8	85	2.0	21	2.0	64	1.9	2	1.3	11	2.6
45+	1	0.1	2	-	1	0.1	2	0.1	0	-	0	-
REPORTED DRINKING	25	1.8	67	1.6	16	1.5	43	1.3	6	3.8	17	4.0
REPORTED SMOKING	169	11.9	563	13.2	121	11.4	417	12.6	39	24.4	115	27.3
UNWED	352	24.9	937	21.9	206	19.3	555	16.8	96	60.0	242	57.3
EDUCATION												
<12 YEARS	142	10.0	426	10.0	91	8.5	284	8.6	37	23.1	97	23.0
12 YEARS	584	41.3	1,737	40.6	416	39.0	1,294	39.2	62	38.8	179	42.4
12+ YEARS	669	47.3	2,061	48.2	547	51.3	1,689	51.1	58	36.3	138	32.7
PRENATAL CARE												
1ST TRIMESTER	1,103	78.0	3,259	76.2	839	78.7	2,554	77.3	111	69.4	305	72.3
3RD TRIMESTER	74	5.2	255	6.0	54	5.1	188	5.7	14	8.8	26	6.2
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	388	27.4	1,089	25.5	284	26.6	821	24.8	40	25.0	99	23.5
ADEQUATE	525	37.1	1,665	38.9	411	38.6	1,327	40.2	47	29.4	136	32.2
INTERMEDIATE	242	17.1	718	16.8	181	17.0	554	16.8	35	21.9	96	22.7
INADEQUATE	243	17.2	756	17.7	179	16.8	570	17.3	35	21.9	82	19.4
KESSNER INDEX												
ADEQUATE	935	66.1	2,799	65.4	717	67.3	2,215	67.0	84	52.5	231	54.7
INTERMEDIATE	389	27.5	1,177	27.5	284	26.6	872	26.4	59	36.9	156	37.0
INADEQUATE	74	5.2	255	6.0	54	5.1	188	5.7	14	8.8	26	6.2
C-SECTION BIRTHS												
PRE-TERM BIRTHS	150	10.6	406	9.5	103	9.7	286	8.7	27	16.9	61	14.5
LOW BIRTH WEIGHT	88	6.2	260	6.1	53	5.0	169	5.1	22	13.8	45	10.7

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**HAINES BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	1	100.0	2	100.0	0	-	1	50.0	1	100.0	1	50.0
TO RESIDENTS	26	100.0	72	100.0	14	53.8	43	59.7	9	34.6	18	25.0
POPULATION (1,2)												
MALES	1,284	51.9	1,268	51.8								
FEMALES	1,191	48.1	1,179	48.2								
TOTAL	2,475	100.0	2,447	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	26	10.5	72	9.8	14	6.5	43	6.9	9	28.1*	18	17.0
TEEN BIRTH RATE*	4	37.4*	9	28.1								
FERTILITY RATE*	26	53.0	72	47.9								
FACILITY												
HOSPITAL	17	65.4	45	62.5	10	71.4	29	67.4	7	77.8	16	88.9
BIRTHING CENTER	4	15.4	9	12.5	3	21.4	8	18.6	1	11.1	1	5.6
HOME	1	3.8	2	2.8	1	7.1	2	4.7	0	-	0	-
CLINIC	1	3.8	2	2.8	0	-	1	2.3	1	11.1	1	5.6
OUTSIDE ALASKA	3	11.5	14	19.4	0	-	3	7.0	0	-	0	-
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	0	-	0	-	0	-	0	-	0	-	0	-
15-19	4	15.4	9	12.5	2	14.3	3	7.0	2	22.2	4	22.2
20-24	7	26.9	20	27.8	2	14.3	8	18.6	5	55.6	11	61.1
25-29	4	15.4	17	23.6	2	14.3	12	27.9	1	11.1	2	11.1
30-34	7	26.9	16	22.2	7	50.0	15	34.9	0	-	0	-
35-39	3	11.5	9	12.5	1	7.1	5	11.6	1	11.1	1	5.6
40-44	1	3.8	1	1.4	0	-	0	-	0	-	0	-
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	1	3.8	2	2.8	0	-	1	2.3	1	11.1	1	5.6
REPORTED SMOKING	4	15.4	7	9.7	2	14.3	3	7.0	2	22.2	4	22.2
UNWED	11	42.3	20	27.8	5	35.7	10	23.3	6	66.7	10	55.6
EDUCATION												
<12 YEARS	3	11.5	6	8.3	1	7.1	2	4.7	2	22.2	4	22.2
12 YEARS	12	46.2	34	47.2	7	50.0	23	53.5	5	55.6	11	61.1
12+ YEARS	7	26.9	18	25.0	5	35.7	15	34.9	2	22.2	3	16.7
PRENATAL CARE												
1ST TRIMESTER	17	65.4	42	58.3	10	71.4	29	67.4	7	77.8	13	72.2
3RD TRIMESTER	0	-	2	2.8	0	-	0	-	0	-	2	11.1
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	6	23.1	12	16.7	3	21.4	8	18.6	3	33.3	4	22.2
ADEQUATE	6	23.1	16	22.2	5	35.7	12	27.9	1	11.1	4	22.2
INTERMEDIATE	8	30.8	14	19.4	4	28.6	10	23.3	4	44.4	4	22.2
INADEQUATE	2	7.7	16	22.2	1	7.1	10	23.3	1	11.1	6	33.3
KESSNER INDEX												
ADEQUATE	9	34.6	26	36.1	5	35.7	19	44.2	4	44.4	7	38.9
INTERMEDIATE	13	50.0	30	41.7	8	57.1	21	48.8	5	55.6	9	50.0
INADEQUATE	0	-	2	2.8	0	-	0	-	0	-	2	11.1
C-SECTION BIRTHS	6	23.1	18	25.0	6	42.9	15	34.9	0	-	3	16.7
PRE-TERM BIRTHS	2	7.7	6	8.3	2	14.3	5	11.6	0	-	1	5.6
LOW BIRTH WEIGHT	2	7.7	3	4.2	2	14.3	3	7.0	0	-	0	-

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.



**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**JUNEAU BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	423	100.0	1,231	100.0	308	72.8	895	72.7	88	20.8	243	19.7
TO RESIDENTS	396	100.0	1,192	100.0	286	72.2	858	72.0	78	19.7	233	19.5
<b>POPULATION (1,2)</b>												
MALES	15,417	51.1	15,261	50.9								
FEMALES	14,772	48.9	14,713	49.1								
TOTAL	30,189	100.0	29,974	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	396	13.1	1,192	13.3	286	11.9	858	12.0	78	19.5	233	19.7
TEEN BIRTH RATE*	45	37.4	124	38.1								
FERTILITY RATE*	396	61.6	1,192	59.4								
<b>FACILITY</b>												
HOSPITAL	338	85.4	1,068	89.6	235	82.2	750	87.4	74	94.9	224	96.1
BIRTHING CENTER	34	8.6	49	4.1	30	10.5	44	5.1	2	2.6	2	0.9
HOME	18	4.5	50	4.2	16	5.6	45	5.2	2	2.6	4	1.7
CLINIC	0	-	3	0.3	0	-	2	0.2	0	-	1	0.4
OUTSIDE ALASKA	6	1.5	22	1.8	5	1.7	17	2.0	0	-	2	0.9
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	0	-	2	0.2	0	-	0	-	0	-	2	0.9
15-19	45	11.4	124	10.4	20	7.0	61	7.1	20	25.6	52	22.3
20-24	87	22.0	251	21.1	65	22.7	168	19.6	18	23.1	64	27.5
25-29	115	29.0	332	27.9	87	30.4	256	29.8	23	29.5	52	22.3
30-34	85	21.5	275	23.1	67	23.4	207	24.1	10	12.8	43	18.5
35-39	58	14.6	165	13.8	42	14.7	129	15.0	6	7.7	16	6.9
40-44	5	1.3	39	3.3	4	1.4	35	4.1	1	1.3	2	0.9
45+	1	0.3	4	0.3	1	0.3	2	0.2	0	-	2	0.9
REPORTED DRINKING	11	2.8	26	2.2	8	2.8	18	2.1	2	2.6	7	3.0
REPORTED SMOKING	73	18.4	171	14.3	43	15.0	105	12.2	28	35.9	61	26.2
UNWED	117	29.5	346	29.0	61	21.3	189	22.0	49	62.8	135	57.9
<b>EDUCATION</b>												
<12 YEARS	38	9.6	119	10.0	14	4.9	49	5.7	20	25.6	60	25.8
12 YEARS	162	40.9	443	37.2	115	40.2	300	35.0	36	46.2	106	45.5
12+ YEARS	182	46.0	587	49.2	148	51.7	483	56.3	19	24.4	54	23.2
<b>PRENATAL CARE</b>												
1ST TRIMESTER	346	87.4	1,023	85.8	252	88.1	750	87.4	65	83.3	185	79.4
3RD TRIMESTER	6	1.5	25	2.1	4	1.4	14	1.6	2	2.6	10	4.3
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	94	23.7	263	22.1	72	25.2	200	23.3	14	17.9	46	19.7
ADEQUATE	157	39.6	435	36.5	123	43.0	342	39.9	21	26.9	56	24.0
INTERMEDIATE	96	24.2	337	28.3	62	21.7	220	25.6	26	33.3	84	36.1
INADEQUATE	39	9.8	133	11.2	22	7.7	81	9.4	15	19.2	41	17.6
<b>KESSNER INDEX</b>												
ADEQUATE	287	72.5	835	70.1	220	76.9	630	73.4	47	60.3	142	60.9
INTERMEDIATE	93	23.5	308	25.8	55	19.2	199	23.2	27	34.6	75	32.2
INADEQUATE	6	1.5	25	2.1	4	1.4	14	1.6	2	2.6	10	4.3
C-SECTION BIRTHS	101	25.5	286	24.0	79	27.6	227	26.5	12	15.4	29	12.4
PRE-TERM BIRTHS	33	8.3	114	9.6	20	7.0	74	8.6	4	5.1	26	11.2
LOW BIRTH WEIGHT	12	3.0	48	4.0	6	2.1	31	3.6	3	3.8	11	4.7

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2           SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**KENAI PENINSULA BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	587	100.0	1,723	100.0	515	87.7	1,524	88.5	50	8.5	142	8.2
TO RESIDENTS	666	100.0	1,970	100.0	576	86.5	1,713	87.0	64	9.6	187	9.5
<b>POPULATION (1,2)</b>												
MALES	25,526	52.1	25,259	52.2								
FEMALES	23,426	47.9	23,134	47.8								
TOTAL	48,952	100.0	48,393	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	666	13.6	1,970	13.6	576	13.0	1,713	13.0	64	17.2	187	17.2
TEEN BIRTH RATE*	80	39.1	241	40.7								
FERTILITY RATE*	666	65.1	1,970	63.4								
<b>FACILITY</b>												
HOSPITAL	621	93.2	1,866	94.7	533	92.5	1,615	94.3	63	98.4	186	99.5
BIRTHING CENTER	17	2.6	24	1.2	15	2.6	21	1.2	1	1.6	1	0.5
HOME	23	3.5	64	3.2	23	4.0	64	3.7	0	-	0	-
CLINIC	0	-	1	0.1	0	-	1	0.1	0	-	0	-
OUTSIDE ALASKA	4	0.6	12	0.6	4	0.7	9	0.5	0	-	0	-
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	1	0.2	3	0.2	1	0.2	1	0.1	0	-	1	0.5
15-19	80	12.0	241	12.2	64	11.1	198	11.6	13	20.3	38	20.3
20-24	180	27.0	539	27.4	154	26.7	470	27.4	19	29.7	56	29.9
25-29	181	27.2	529	26.9	153	26.6	457	26.7	18	28.1	47	25.1
30-34	126	18.9	385	19.5	112	19.4	342	20.0	9	14.1	27	14.4
35-39	77	11.6	218	11.1	72	12.5	192	11.2	4	6.3	16	8.6
40-44	18	2.7	50	2.5	17	3.0	48	2.8	1	1.6	2	1.1
45+	2	0.3	4	0.2	2	0.3	4	0.2	0	-	0	-
REPORTED DRINKING	14	2.1	38	1.9	9	1.6	24	1.4	5	7.8	13	7.0
REPORTED SMOKING	128	19.2	401	20.4	97	16.8	312	18.2	24	37.5	75	40.1
UNWED	187	28.1	552	28.0	143	24.8	433	25.3	33	51.6	98	52.4
<b>EDUCATION</b>												
<12 YEARS	103	15.5	278	14.1	90	15.6	237	13.8	11	17.2	36	19.3
12 YEARS	296	44.4	869	44.1	243	42.2	737	43.0	40	62.5	106	56.7
12+ YEARS	249	37.4	777	39.4	232	40.3	708	41.3	11	17.2	38	20.3
<b>PRENATAL CARE</b>												
1ST TRIMESTER	523	78.5	1,505	76.4	454	78.8	1,320	77.1	47	73.4	131	70.1
3RD TRIMESTER	20	3.0	63	3.2	17	3.0	56	3.3	2	3.1	4	2.1
NO PRENATAL CARE	0	-	1	0.1	0	-	1	0.1	0	-	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	165	24.8	500	25.4	147	25.5	443	25.9	16	25.0	43	23.0
ADEQUATE	296	44.4	878	44.6	254	44.1	762	44.5	27	42.2	83	44.4
INTERMEDIATE	87	13.1	255	12.9	74	12.8	224	13.1	8	12.5	22	11.8
INADEQUATE	92	13.8	279	14.2	79	13.7	235	13.7	10	15.6	32	17.1
<b>KESSNER INDEX</b>												
ADEQUATE	453	68.0	1,329	67.5	399	69.3	1,177	68.7	36	56.3	104	55.6
INTERMEDIATE	168	25.2	521	26.4	139	24.1	432	25.2	23	35.9	72	38.5
INADEQUATE	20	3.0	63	3.2	17	3.0	56	3.3	2	3.1	4	2.1
<b>C-SECTION BIRTHS</b>												
PRE-TERM BIRTHS	72	10.8	199	10.1	62	10.8	167	9.7	7	10.9	26	13.9
LOW BIRTH WEIGHT	40	6.0	113	5.7	38	6.6	96	5.6	1	1.6	9	4.8

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**KETCHIKAN GATEWAY BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	270	100.0	854	100.0	189	70.0	593	69.4	67	24.8	212	24.8
TO RESIDENTS	193	100.0	578	100.0	139	72.0	412	71.3	43	22.3	126	21.8
POPULATION (1,2)												
MALES	7,241	51.9	7,364	51.9								
FEMALES	6,720	48.1	6,837	48.1								
TOTAL	13,961	100.0	14,201	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	193	13.8	578	13.6	139	12.5	412	12.1	43	20.9	126	21.2
TEEN BIRTH RATE*	22	40.6	78	48.9								
FERTILITY RATE*	193	65.4	578	63.5								
FACILITY												
HOSPITAL	184	95.3	554	95.8	132	95.0	395	95.9	41	95.3	120	95.2
BIRTHING CENTER	0	-	0	-	0	-	0	-	0	-	0	-
HOME	3	1.6	6	1.0	3	2.2	6	1.5	0	-	0	-
CLINIC	0	-	0	-	0	-	0	-	0	-	0	-
OUTSIDE ALASKA	6	3.1	18	3.1	4	2.9	11	2.7	2	4.7	6	4.8
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	0	-	0	-	0	-	0	-	0	-	0	-
15-19	22	11.4	78	13.5	11	7.9	47	11.4	11	25.6	25	19.8
20-24	51	26.4	150	26.0	39	28.1	99	24.0	10	23.3	44	34.9
25-29	52	26.9	156	27.0	37	26.6	112	27.2	12	27.9	30	23.8
30-34	42	21.8	124	21.5	30	21.6	96	23.3	8	18.6	21	16.7
35-39	25	13.0	57	9.9	21	15.1	49	11.9	2	4.7	4	3.2
40-44	1	0.5	12	2.1	1	0.7	8	1.9	0	-	2	1.6
45+	0	-	1	0.2	0	-	1	0.2	0	-	0	-
REPORTED DRINKING	9	4.7	29	5.0	5	3.6	20	4.9	3	7.0	8	6.3
REPORTED SMOKING	58	30.1	155	26.8	35	25.2	105	25.5	22	51.2	47	37.3
UNWED	66	34.2	187	32.4	41	29.5	110	26.7	21	48.8	67	53.2
EDUCATION												
<12 YEARS	28	14.5	81	14.0	18	12.9	45	10.9	10	23.3	32	25.4
12 YEARS	78	40.4	247	42.7	48	34.5	165	40.0	22	51.2	63	50.0
12+ YEARS	75	38.9	219	37.9	65	46.8	185	44.9	7	16.3	20	15.9
PRENATAL CARE												
1ST TRIMESTER	164	85.0	468	81.0	120	86.3	339	82.3	36	83.7	98	77.8
3RD TRIMESTER	0	-	4	0.7	0	-	1	0.2	0	-	1	0.8
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	55	28.5	138	23.9	35	25.2	81	19.7	16	37.2	46	36.5
ADEQUATE	92	47.7	271	46.9	73	52.5	213	51.7	13	30.2	42	33.3
INTERMEDIATE	21	10.9	95	16.4	17	12.2	78	18.9	4	9.3	10	7.9
INADEQUATE	12	6.2	39	6.7	7	5.0	20	4.9	4	9.3	14	11.1
KESSNER INDEX												
ADEQUATE	152	78.8	433	74.9	113	81.3	319	77.4	31	72.1	86	68.3
INTERMEDIATE	28	14.5	106	18.3	19	13.7	72	17.5	6	14.0	25	19.8
INADEQUATE	0	-	4	0.7	0	-	1	0.2	0	-	1	0.8
C-SECTION BIRTHS												
PRE-TERM BIRTHS	32	16.6	96	16.6	24	17.3	77	18.7	5	11.6	14	11.1
LOW BIRTH WEIGHT	19	9.8	51	8.8	13	9.4	33	8.0	4	9.3	14	11.1
TOTAL	4	2.1	17	2.9	2	1.4	10	2.4	2	4.7	5	4.0

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**KODIAK ISLAND BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	230	100.0	716	100.0	117	50.9	429	59.9	39	17.0	117	16.3
TO RESIDENTS	253	100.0	777	100.0	134	53.0	467	60.1	45	17.8	136	17.5
POPULATION (1,2)												
MALES	7,588	54.2	7,459	54.1								
FEMALES	6,401	45.8	6,325	45.9								
TOTAL	13,989	100.0	13,784	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	253	18.1	777	18.8	134	15.6	467	18.4	45	18.9	136	19.4
TEEN BIRTH RATE*	29	60.8	84	59.8								
FERTILITY RATE*	253	86.1	777	87.7								
FACILITY												
HOSPITAL	244	96.4	741	95.4	126	94.0	439	94.0	44	97.8	132	97.1
BIRTHING CENTER	1	0.4	1	0.1	1	0.7	1	0.2	0	-	0	-
HOME	6	2.4	14	1.8	6	4.5	13	2.8	0	-	1	0.7
CLINIC	1	0.4	11	1.4	0	-	6	1.3	1	2.2	2	1.5
OUTSIDE ALASKA	1	0.4	9	1.2	1	0.7	8	1.7	0	-	0	-
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	1	0.4	1	0.1	0	-	0	-	1	2.2	1	0.7
15-19	29	11.5	84	10.8	9	6.7	36	7.7	9	20.0	26	19.1
20-24	57	22.5	167	21.5	31	23.1	89	19.1	9	20.0	41	30.1
25-29	69	27.3	214	27.5	36	26.9	133	28.5	14	31.1	39	28.7
30-34	45	17.8	183	23.6	24	17.9	124	26.6	8	17.8	19	14.0
35-39	35	13.8	95	12.2	22	16.4	59	12.6	3	6.7	9	6.6
40-44	17	6.7	33	4.2	12	9.0	26	5.6	1	2.2	1	0.7
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	9	3.6	24	3.1	3	2.2	11	2.4	6	13.3	12	8.8
REPORTED SMOKING	35	13.8	102	13.1	15	11.2	44	9.4	16	35.6	53	39.0
UNWED	73	28.9	197	25.4	20	14.9	65	13.9	27	60.0	72	52.9
EDUCATION												
<12 YEARS	33	13.0	97	12.5	14	10.4	39	8.4	6	13.3	27	19.9
12 YEARS	115	45.5	350	45.0	49	36.6	174	37.3	24	53.3	84	61.8
12+ YEARS	103	40.7	323	41.6	71	53.0	253	54.2	13	28.9	23	16.9
PRENATAL CARE												
1ST TRIMESTER	172	68.0	582	74.9	98	73.1	377	80.7	33	73.3	106	77.9
3RD TRIMESTER	21	8.3	35	4.5	8	6.0	15	3.2	4	8.9	7	5.1
NO PRENATAL CARE	0	-	1	0.1	0	-	1	0.2	0	-	0	-
APNCU INDEX												
ADEQUATE+	27	10.7	101	13.0	18	13.4	71	15.2	4	8.9	16	11.8
ADEQUATE	78	30.8	260	33.5	50	37.3	175	37.5	11	24.4	41	30.1
INTERMEDIATE	71	28.1	246	31.7	32	23.9	142	30.4	16	35.6	50	36.8
INADEQUATE	73	28.9	157	20.2	30	22.4	72	15.4	14	31.1	26	19.1
KESSNER INDEX												
ADEQUATE	123	48.6	442	56.9	79	59.0	312	66.8	20	44.4	68	50.0
INTERMEDIATE	105	41.5	287	36.9	43	32.1	133	28.5	21	46.7	58	42.6
INADEQUATE	21	8.3	35	4.5	8	6.0	15	3.2	4	8.9	7	5.1
C-SECTION BIRTHS	35	13.8	120	15.4	18	13.4	73	15.6	5	11.1	16	11.8
PRE-TERM BIRTHS	31	12.3	71	9.1	15	11.2	36	7.7	7	15.6	18	13.2
LOW BIRTH WEIGHT	23	9.1	56	7.2	12	9.0	24	5.1	3	6.7	10	7.4

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**LAKE AND PENINSULA BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	0	-	0	-	0	-	0	-	0	-	0	-
TO RESIDENTS	30	100.0	94	100.0	9	30.0	26	27.7	21	70.0	67	71.3
POPULATION (1,2)												
MALES	948	52.9	961	53.2								
FEMALES	843	47.1	847	46.8								
TOTAL	1,791	100.0	1,808	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	30	16.8	94	17.3	9	26.9*	26	26.2	21	14.5	67	15.2
TEEN BIRTH RATE*	7	90.9*	23	98.3								
FERTILITY RATE*	30	86.5	94	86.9								
FACILITY												
HOSPITAL	28	93.3	89	94.7	7	77.8	21	80.8	21	100.0	67	100.0
BIRTHING CENTER	2	6.7	5	5.3	2	22.2	5	19.2	0	-	0	-
HOME	0	-	0	-	0	-	0	-	0	-	0	-
CLINIC	0	-	0	-	0	-	0	-	0	-	0	-
OUTSIDE ALASKA	0	-	0	-	0	-	0	-	0	-	0	-
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	0	-	0	-	0	-	0	-	0	-	0	-
15-19	7	23.3	23	24.5	0	-	0	-	7	33.3	23	34.3
20-24	9	30.0	28	29.8	2	22.2	9	34.6	7	33.3	18	26.9
25-29	7	23.3	18	19.1	3	33.3	6	23.1	4	19.0	12	17.9
30-34	4	13.3	12	12.8	3	33.3	6	23.1	1	4.8	6	9.0
35-39	3	10.0	10	10.6	1	11.1	4	15.4	2	9.5	6	9.0
40-44	0	-	3	3.2	0	-	1	3.8	0	-	2	3.0
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	4	13.3	9	9.6	2	22.2	3	11.5	2	9.5	6	9.0
REPORTED SMOKING	5	16.7	33	35.1	0	-	0	-	5	23.8	33	49.3
UNWED	15	50.0	41	43.6	0	-	0	-	15	71.4	41	61.2
EDUCATION												
<12 YEARS	7	23.3	24	25.5	0	-	1	3.8	7	33.3	23	34.3
12 YEARS	13	43.3	40	42.6	2	22.2	6	23.1	11	52.4	33	49.3
12+ YEARS	9	30.0	27	28.7	7	77.8	19	73.1	2	9.5	8	11.9
PRENATAL CARE												
1ST TRIMESTER	24	80.0	70	74.5	8	88.9	20	76.9	16	76.2	49	73.1
3RD TRIMESTER	1	3.3	4	4.3	0	-	1	3.8	1	4.8	3	4.5
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	8	26.7	26	27.7	4	44.4	10	38.5	4	19.0	16	23.9
ADEQUATE	8	26.7	24	25.5	2	22.2	4	15.4	6	28.6	20	29.9
INTERMEDIATE	7	23.3	20	21.3	2	22.2	6	23.1	5	23.8	13	19.4
INADEQUATE	5	16.7	21	22.3	1	11.1	6	23.1	4	19.0	15	22.4
KESSNER INDEX												
ADEQUATE	12	40.0	47	50.0	6	66.7	16	61.5	6	28.6	31	46.3
INTERMEDIATE	15	50.0	40	42.6	3	33.3	9	34.6	12	57.1	30	44.8
INADEQUATE	1	3.3	4	4.3	0	-	1	3.8	1	4.8	3	4.5
C-SECTION BIRTHS	1	3.3	7	7.4	0	-	1	3.8	1	4.8	5	7.5
PRE-TERM BIRTHS	3	10.0	11	11.7	1	11.1	4	15.4	2	9.5	7	10.4
LOW BIRTH WEIGHT	1	3.3	4	4.3	0	-	2	7.7	1	4.8	2	3.0

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**MATANUSKA-SUSITNA BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	482	100.0	1,424	100.0	450	93.4	1,336	93.8	19	3.9	53	3.7
TO RESIDENTS	691	100.0	2,094	100.0	622	90.0	1,908	91.1	53	7.7	138	6.6
POPULATION (1,2)												
MALES	29,050	52.2	28,139	52.1								
FEMALES	26,644	47.8	25,852	47.9								
TOTAL	55,694	100.0	53,991	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	691	12.4	2,094	12.9	622	12.1	1,908	12.7	53	16.4	138	15.1
TEEN BIRTH RATE*	72	29.0	243	33.9								
FERTILITY RATE*	691	56.1	2,094	57.4								
FACILITY												
HOSPITAL	595	86.1	1,816	86.7	530	85.2	1,642	86.1	53	100.0	134	97.1
BIRTHING CENTER	73	10.6	200	9.6	69	11.1	191	10.0	0	-	2	1.4
HOME	19	2.7	62	3.0	19	3.1	61	3.2	0	-	1	0.7
CLINIC	0	-	0	-	0	-	0	-	0	-	0	-
OUTSIDE ALASKA	3	0.4	15	0.7	3	0.5	13	0.7	0	-	1	0.7
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	1	0.1	3	0.1	0	-	2	0.1	1	1.9	1	0.7
15-19	72	10.4	243	11.6	59	9.5	212	11.1	11	20.8	25	18.1
20-24	192	27.8	547	26.1	180	28.9	503	26.4	9	17.0	34	24.6
25-29	197	28.5	597	28.5	176	28.3	553	29.0	18	34.0	35	25.4
30-34	141	20.4	391	18.7	128	20.6	353	18.5	8	15.1	28	20.3
35-39	69	10.0	250	11.9	62	10.0	224	11.7	4	7.5	13	9.4
40-44	17	2.5	58	2.8	15	2.4	56	2.9	2	3.8	2	1.4
45+	2	0.3	5	0.2	2	0.3	5	0.3	0	-	0	-
REPORTED DRINKING	14	2.0	46	2.2	12	1.9	40	2.1	2	3.8	6	4.3
REPORTED SMOKING	137	19.8	465	22.2	117	18.8	416	21.8	17	32.1	42	30.4
UNWED	193	27.9	585	27.9	167	26.8	515	27.0	25	47.2	59	42.8
EDUCATION												
<12 YEARS	95	13.7	260	12.4	78	12.5	221	11.6	16	30.2	31	22.5
12 YEARS	317	45.9	925	44.2	287	46.1	835	43.8	25	47.2	74	53.6
12+ YEARS	274	39.7	893	42.6	252	40.5	841	44.1	12	22.6	31	22.5
PRENATAL CARE												
1ST TRIMESTER	477	69.0	1,504	71.8	430	69.1	1,370	71.8	35	66.0	100	72.5
3RD TRIMESTER	56	8.1	132	6.3	52	8.4	121	6.3	3	5.7	8	5.8
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	211	30.5	618	29.5	195	31.4	578	30.3	13	24.5	26	18.8
ADEQUATE	294	42.5	892	42.6	269	43.2	820	43.0	17	32.1	53	38.4
INTERMEDIATE	58	8.4	196	9.4	45	7.2	164	8.6	10	18.9	28	20.3
INADEQUATE	116	16.8	357	17.0	104	16.7	323	16.9	10	18.9	26	18.8
KESSNER INDEX												
ADEQUATE	440	63.7	1,379	65.9	403	64.8	1,272	66.7	27	50.9	79	57.2
INTERMEDIATE	183	26.5	552	26.4	158	25.4	492	25.8	20	37.7	46	33.3
INADEQUATE	56	8.1	132	6.3	52	8.4	121	6.3	3	5.7	8	5.8
C-SECTION BIRTHS	144	20.8	414	19.8	134	21.5	390	20.4	7	13.2	14	10.1
PRE-TERM BIRTHS	62	9.0	185	8.8	55	8.8	167	8.8	6	11.3	15	10.9
LOW BIRTH WEIGHT	33	4.8	124	5.9	29	4.7	115	6.0	4	7.5	7	5.1

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**NOME CENSUS AREA**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	113	100.0	356	100.0	3	2.7	11	3.1	109	96.5	344	96.6
TO RESIDENTS	216	100.0	623	100.0	22	10.2	68	10.9	189	87.5	550	88.3
POPULATION (1,2)												
MALES	4,903	52.7	4,887	52.8								
FEMALES	4,408	47.3	4,370	47.2								
TOTAL	9,311	100.0	9,257	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	216	23.2	623	22.4	22	12.4	68	13.3	189	25.4	550	24.6
TEEN BIRTH RATE*	34	86.5	109	96.1								
FERTILITY RATE*	216	116.4	623	112.2								
FACILITY												
HOSPITAL	209	96.8	598	96.0	18	81.8	54	79.4	187	98.9	540	98.2
BIRTHING CENTER	0	-	1	0.2	0	-	0	-	0	-	1	0.2
HOME	2	0.9	3	0.5	1	4.5	1	1.5	1	0.5	2	0.4
CLINIC	1	0.5	6	1.0	0	-	0	-	1	0.5	6	1.1
OUTSIDE ALASKA	4	1.9	15	2.4	3	13.6	13	19.1	0	-	1	0.2
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	1	0.5	6	1.0	0	-	0	-	1	0.5	6	1.1
15-19	34	15.7	109	17.5	0	-	4	5.9	34	18.0	105	19.1
20-24	65	30.1	175	28.1	2	9.1	8	11.8	62	32.8	166	30.2
25-29	56	25.9	161	25.8	5	22.7	16	23.5	47	24.9	141	25.6
30-34	32	14.8	98	15.7	9	40.9	26	38.2	23	12.2	72	13.1
35-39	21	9.7	61	9.8	4	18.2	10	14.7	17	9.0	51	9.3
40-44	6	2.8	12	1.9	1	4.5	3	4.4	5	2.6	9	1.6
45+	1	0.5	1	0.2	1	4.5	1	1.5	0	-	0	-
REPORTED DRINKING	13	6.0	44	7.1	1	4.5	2	2.9	12	6.3	42	7.6
REPORTED SMOKING	100	46.3	319	51.2	2	9.1	7	10.3	98	51.9	312	56.7
UNWED	129	59.7	372	59.7	5	22.7	14	20.6	124	65.6	358	65.1
EDUCATION												
<12 YEARS	48	22.2	133	21.3	0	-	2	2.9	48	25.4	131	23.8
12 YEARS	127	58.8	367	58.9	5	22.7	12	17.6	119	63.0	352	64.0
12+ YEARS	34	15.7	104	16.7	16	72.7	50	73.5	16	8.5	52	9.5
PRENATAL CARE												
1ST TRIMESTER	130	60.2	424	68.1	19	86.4	60	88.2	107	56.6	360	65.5
3RD TRIMESTER	33	15.3	64	10.3	1	4.5	2	2.9	32	16.9	62	11.3
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	39	18.1	117	18.8	5	22.7	20	29.4	34	18.0	97	17.6
ADEQUATE	65	30.1	186	29.9	9	40.9	26	38.2	52	27.5	156	28.4
INTERMEDIATE	40	18.5	130	20.9	6	27.3	13	19.1	34	18.0	117	21.3
INADEQUATE	65	30.1	170	27.3	1	4.5	8	11.8	63	33.3	161	29.3
KESSNER INDEX												
ADEQUATE	101	46.8	301	48.3	16	72.7	49	72.1	83	43.9	250	45.5
INTERMEDIATE	76	35.2	242	38.8	4	18.2	16	23.5	69	36.5	223	40.5
INADEQUATE	33	15.3	64	10.3	1	4.5	2	2.9	32	16.9	62	11.3
C-SECTION BIRTHS	15	6.9	54	8.7	5	22.7	12	17.6	7	3.7	39	7.1
PRE-TERM BIRTHS	28	13.0	97	15.6	2	9.1	7	10.3	24	12.7	88	16.0
LOW BIRTH WEIGHT	9	4.2	36	5.8	1	4.5	3	4.4	6	3.2	31	5.6

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**NORTH SLOPE BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	54	100.0	171	100.0	3	5.6	5	2.9	42	77.8	150	87.7
TO RESIDENTS	142	100.0	436	100.0	11	7.7	37	8.5	116	81.7	365	83.7
<b>POPULATION (1,2)</b>												
MALES	3,895	52.5	3,839	52.5								
FEMALES	3,518	47.5	3,472	47.5								
TOTAL	7,413	100.0	7,311	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	142	19.2	436	19.9	11	4.9	37	5.5	116	27.6	365	29.5
TEEN BIRTH RATE*	21	63.4	78	85.9								
FERTILITY RATE*	142	92.0	436	95.0								
<b>FACILITY</b>												
HOSPITAL	135	95.1	415	95.2	7	63.6	27	73.0	113	97.4	357	97.8
BIRTHING CENTER	0	-	1	0.2	0	-	1	2.7	0	-	0	-
HOME	1	0.7	2	0.5	1	9.1	1	2.7	0	-	1	0.3
CLINIC	3	2.1	6	1.4	0	-	0	-	3	2.6	6	1.6
OUTSIDE ALASKA	3	2.1	11	2.5	3	27.3	8	21.6	0	-	0	-
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	1	0.7	3	0.7	0	-	0	-	1	0.9	3	0.8
15-19	21	14.8	78	17.9	0	-	0	-	20	17.2	76	20.8
20-24	41	28.9	122	28.0	2	18.2	8	21.6	39	33.6	111	30.4
25-29	34	23.9	99	22.7	2	18.2	10	27.0	27	23.3	80	21.9
30-34	28	19.7	88	20.2	6	54.5	13	35.1	20	17.2	68	18.6
35-39	15	10.6	39	8.9	1	9.1	4	10.8	9	7.8	24	6.6
40-44	2	1.4	7	1.6	0	-	2	5.4	0	-	3	0.8
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	12	8.5	40	9.2	0	-	0	-	11	9.5	39	10.7
REPORTED SMOKING	59	41.5	197	45.2	0	-	3	8.1	56	48.3	189	51.8
UNWED	81	57.0	255	58.5	0	-	5	13.5	76	65.5	239	65.5
<b>EDUCATION</b>												
<12 YEARS	35	24.6	134	30.7	1	9.1	2	5.4	32	27.6	129	35.3
12 YEARS	74	52.1	211	48.4	2	18.2	9	24.3	68	58.6	188	51.5
12+ YEARS	27	19.0	79	18.1	8	72.7	25	67.6	10	8.6	38	10.4
<b>PRENATAL CARE</b>												
1ST TRIMESTER	108	76.1	329	75.5	10	90.9	33	89.2	89	76.7	277	75.9
3RD TRIMESTER	9	6.3	20	4.6	0	-	0	-	7	6.0	15	4.1
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	24	16.9	85	19.5	2	18.2	8	21.6	19	16.4	73	20.0
ADEQUATE	40	28.2	127	29.1	3	27.3	15	40.5	34	29.3	103	28.2
INTERMEDIATE	38	26.8	117	26.8	2	18.2	6	16.2	32	27.6	101	27.7
INADEQUATE	36	25.4	101	23.2	3	27.3	7	18.9	29	25.0	85	23.3
<b>KESSNER INDEX</b>												
ADEQUATE	68	47.9	209	47.9	6	54.5	24	64.9	55	47.4	171	46.8
INTERMEDIATE	61	43.0	201	46.1	4	36.4	12	32.4	52	44.8	176	48.2
INADEQUATE	9	6.3	20	4.6	0	-	0	-	7	6.0	15	4.1
C-SECTION BIRTHS	10	7.0	38	8.7	0	-	6	16.2	10	8.6	28	7.7
PRE-TERM BIRTHS	14	9.9	64	14.7	0	-	1	2.7	14	12.1	60	16.4
LOW BIRTH WEIGHT	5	3.5	24	5.5	0	-	0	-	4	3.4	22	6.0

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.



**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**NORTHWEST ARCTIC BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	104	100.0	332	100.0	3	2.9	7	2.1	101	97.1	324	97.6
TO RESIDENTS	180	100.0	537	100.0	15	8.3	37	6.9	165	91.7	496	92.4
<b>POPULATION (1,2)</b>												
MALES	3,537	51.5	3,522	51.8								
FEMALES	3,336	48.5	3,279	48.2								
TOTAL	6,873	100.0	6,801	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	180	26.2	537	26.3	15	17.7	37	15.3	165	27.8	496	28.0
TEEN BIRTH RATE*	34	108.6	92	102.9								
FERTILITY RATE*	180	131.7	537	133.2								
<b>FACILITY</b>												
HOSPITAL	176	97.8	523	97.4	13	86.7	32	86.5	163	98.8	487	98.2
BIRTHING CENTER	0	-	0	-	0	-	0	-	0	-	0	-
HOME	0	-	0	-	0	-	0	-	0	-	0	-
CLINIC	2	1.1	8	1.5	0	-	0	-	2	1.2	8	1.6
OUTSIDE ALASKA	2	1.1	6	1.1	2	13.3	5	13.5	0	-	1	0.2
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	1	0.6	1	0.2	0	-	0	-	1	0.6	1	0.2
15-19	34	18.9	92	17.1	0	-	0	-	34	20.6	92	18.5
20-24	50	27.8	148	27.6	2	13.3	4	10.8	48	29.1	144	29.0
25-29	49	27.2	144	26.8	5	33.3	13	35.1	44	26.7	129	26.0
30-34	27	15.0	95	17.7	6	40.0	14	37.8	21	12.7	80	16.1
35-39	12	6.7	41	7.6	1	6.7	2	5.4	11	6.7	38	7.7
40-44	5	2.8	14	2.6	0	-	3	8.1	5	3.0	11	2.2
45+	2	1.1	2	0.4	1	6.7	1	2.7	1	0.6	1	0.2
REPORTED DRINKING	26	14.4	92	17.1	0	-	0	-	26	15.8	92	18.5
REPORTED SMOKING	91	50.6	279	52.0	0	-	2	5.4	91	55.2	277	55.8
UNWED	115	63.9	335	62.4	1	6.7	6	16.2	114	69.1	329	66.3
<b>EDUCATION</b>												
<12 YEARS	43	23.9	147	27.4	0	-	0	-	43	26.1	147	29.6
12 YEARS	93	51.7	279	52.0	2	13.3	8	21.6	91	55.2	270	54.4
12+ YEARS	27	15.0	80	14.9	13	86.7	27	73.0	14	8.5	50	10.1
<b>PRENATAL CARE</b>												
1ST TRIMESTER	135	75.0	405	75.4	15	100.0	34	91.9	120	72.7	368	74.2
3RD TRIMESTER	7	3.9	16	3.0	0	-	0	-	7	4.2	15	3.0
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	43	23.9	130	24.2	5	33.3	13	35.1	38	23.0	116	23.4
ADEQUATE	58	32.2	162	30.2	7	46.7	13	35.1	51	30.9	147	29.6
INTERMEDIATE	42	23.3	129	24.0	2	13.3	7	18.9	40	24.2	122	24.6
INADEQUATE	32	17.8	101	18.8	0	-	1	2.7	32	19.4	99	20.0
<b>KESSNER INDEX</b>												
ADEQUATE	99	55.0	292	54.4	13	86.7	27	73.0	86	52.1	262	52.8
INTERMEDIATE	69	38.3	214	39.9	1	6.7	7	18.9	68	41.2	207	41.7
INADEQUATE	7	3.9	16	3.0	0	-	0	-	7	4.2	15	3.0
<b>C-SECTION BIRTHS</b>												
PRE-TERM BIRTHS	11	6.1	32	6.0	4	26.7	8	21.6	7	4.2	24	4.8
PRE-TERM BIRTHS	24	13.3	80	14.9	2	13.3	7	18.9	22	13.3	73	14.7
LOW BIRTH WEIGHT	12	6.7	32	6.0	2	13.3	5	13.5	10	6.1	27	5.4

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

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**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**PRINCE OF WALES-OUTER KETCHIKAN CENSUS AREA**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	4	100.0	11	100.0	2	50.0	8	72.7	2	50.0	3	27.3
TO RESIDENTS	81	100.0	269	100.0	44	54.3	149	55.4	35	43.2	115	42.8
POPULATION (1,2)												
MALES	3,605	54.7	3,709	54.8								
FEMALES	2,984	45.3	3,055	45.2								
TOTAL	6,589	100.0	6,764	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	81	12.3	269	13.3	44	12.0	149	13.2	35	12.1	115	13.0
TEEN BIRTH RATE*	12	45.1	32	41.2								
FERTILITY RATE*	81	61.0	269	65.0								
FACILITY												
HOSPITAL	72	88.9	244	90.7	40	90.9	134	89.9	30	85.7	105	91.3
BIRTHING CENTER	0	-	0	-	0	-	0	-	0	-	0	-
HOME	2	2.5	8	3.0	2	4.5	8	5.4	0	-	0	-
CLINIC	2	2.5	3	1.1	0	-	0	-	2	5.7	3	2.6
OUTSIDE ALASKA	5	6.2	14	5.2	2	4.5	7	4.7	3	8.6	7	6.1
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	0	-	0	-	0	-	0	-	0	-	0	-
15-19	12	14.8	32	11.9	5	11.4	13	8.7	7	20.0	18	15.7
20-24	23	28.4	77	28.6	14	31.8	39	26.2	9	25.7	38	33.0
25-29	16	19.8	76	28.3	8	18.2	46	30.9	7	20.0	27	23.5
30-34	21	25.9	48	17.8	10	22.7	28	18.8	11	31.4	20	17.4
35-39	8	9.9	29	10.8	6	13.6	18	12.1	1	2.9	10	8.7
40-44	1	1.2	6	2.2	1	2.3	4	2.7	0	-	2	1.7
45+	0	-	1	0.4	0	-	1	0.7	0	-	0	-
REPORTED DRINKING	7	8.6	15	5.6	2	4.5	5	3.4	5	14.3	10	8.7
REPORTED SMOKING	24	29.6	70	26.0	10	22.7	34	22.8	14	40.0	36	31.3
UNWED	35	43.2	103	38.3	11	25.0	36	24.2	23	65.7	64	55.7
EDUCATION												
<12 YEARS	11	13.6	41	15.2	6	13.6	16	10.7	5	14.3	24	20.9
12 YEARS	38	46.9	139	51.7	15	34.1	71	47.7	22	62.9	66	57.4
12+ YEARS	27	33.3	77	28.6	21	47.7	57	38.3	5	14.3	18	15.7
PRENATAL CARE												
1ST TRIMESTER	57	70.4	183	68.0	33	75.0	103	69.1	22	62.9	77	67.0
3RD TRIMESTER	1	1.2	4	1.5	1	2.3	3	2.0	0	-	1	0.9
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	11	13.6	37	13.8	4	9.1	14	9.4	7	20.0	23	20.0
ADEQUATE	35	43.2	110	40.9	19	43.2	59	39.6	16	45.7	51	44.3
INTERMEDIATE	21	25.9	71	26.4	14	31.8	49	32.9	5	14.3	18	15.7
INADEQUATE	3	3.7	19	7.1	3	6.8	12	8.1	0	-	6	5.2
KESSNER INDEX												
ADEQUATE	39	48.1	139	51.7	24	54.5	76	51.0	15	42.9	62	53.9
INTERMEDIATE	30	37.0	94	34.9	15	34.1	55	36.9	13	37.1	35	30.4
INADEQUATE	1	1.2	4	1.5	1	2.3	3	2.0	0	-	1	0.9
C-SECTION BIRTHS	8	9.9	29	10.8	3	6.8	19	12.8	5	14.3	10	8.7
PRE-TERM BIRTHS	4	4.9	15	5.6	0	-	6	4.0	3	8.6	8	7.0
LOW BIRTH WEIGHT	6	7.4	18	6.7	3	6.8	9	6.0	2	5.7	8	7.0

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**SITKA BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	132	100.0	408	100.0	85	64.4	240	58.8	41	31.1	149	36.5
TO RESIDENTS	119	100.0	336	100.0	85	71.4	226	67.3	28	23.5	91	27.1
<b>POPULATION (1,2)</b>												
MALES	4,432	51.1	4,455	51.2								
FEMALES	4,249	48.9	4,249	48.8								
TOTAL	8,681	100.0	8,704	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	119	13.7	336	12.9	85	13.9	226	12.2	28	14.0	91	15.2
TEEN BIRTH RATE*	4	13.2*	19	21.2								
FERTILITY RATE*	119	64.9	336	60.2								
<b>FACILITY</b>												
HOSPITAL	105	88.2	307	91.4	71	83.5	199	88.1	28	100.0	91	100.0
BIRTHING CENTER	0	-	0	-	0	-	0	-	0	-	0	-
HOME	7	5.9	13	3.9	7	8.2	12	5.3	0	-	0	-
CLINIC	0	-	0	-	0	-	0	-	0	-	0	-
OUTSIDE ALASKA	7	5.9	16	4.8	7	8.2	15	6.6	0	-	0	-
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	0	-	0	-	0	-	0	-	0	-	0	-
15-19	4	3.4	19	5.7	1	1.2	6	2.7	2	7.1	11	12.1
20-24	27	22.7	85	25.3	15	17.6	50	22.1	10	35.7	31	34.1
25-29	37	31.1	89	26.5	31	36.5	68	30.1	6	21.4	15	16.5
30-34	27	22.7	88	26.2	20	23.5	65	28.8	5	17.9	19	20.9
35-39	22	18.5	47	14.0	16	18.8	31	13.7	5	17.9	13	14.3
40-44	2	1.7	8	2.4	2	2.4	6	2.7	0	-	2	2.2
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	1	0.8	6	1.8	1	1.2	2	0.9	0	-	4	4.4
REPORTED SMOKING	19	16.0	43	12.8	10	11.8	23	10.2	9	32.1	19	20.9
UNWED	32	26.9	90	26.8	20	23.5	46	20.4	12	42.9	43	47.3
<b>EDUCATION</b>												
<12 YEARS	12	10.1	38	11.3	5	5.9	17	7.5	7	25.0	20	22.0
12 YEARS	41	34.5	106	31.5	24	28.2	58	25.7	13	46.4	41	45.1
12+ YEARS	58	48.7	174	51.8	48	56.5	135	59.7	8	28.6	29	31.9
<b>PRENATAL CARE</b>												
1ST TRIMESTER	94	79.0	275	81.8	67	78.8	193	85.4	23	82.1	68	74.7
3RD TRIMESTER	3	2.5	12	3.6	1	1.2	4	1.8	2	7.1	8	8.8
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	28	23.5	73	21.7	15	17.6	37	16.4	13	46.4	36	39.6
ADEQUATE	47	39.5	131	39.0	38	44.7	95	42.0	7	25.0	27	29.7
INTERMEDIATE	26	21.8	80	23.8	20	23.5	66	29.2	4	14.3	9	9.9
INADEQUATE	13	10.9	43	12.8	7	8.2	21	9.3	4	14.3	18	19.8
<b>KESSNER INDEX</b>												
ADEQUATE	74	62.2	232	69.0	51	60.0	162	71.7	21	75.0	61	67.0
INTERMEDIATE	37	31.1	83	24.7	28	32.9	53	23.5	5	17.9	21	23.1
INADEQUATE	3	2.5	12	3.6	1	1.2	4	1.8	2	7.1	8	8.8
C-SECTION BIRTHS	40	33.6	84	25.0	30	35.3	62	27.4	9	32.1	20	22.0
PRE-TERM BIRTHS	6	5.0	26	7.7	2	2.4	11	4.9	4	14.3	14	15.4
LOW BIRTH WEIGHT	5	4.2	13	3.9	1	1.2	6	2.7	4	14.3	7	7.7

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**SKAGWAY-HOONAH-ANGOON CENSUS AREA**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	2	100.0	4	100.0	0	-	1	25.0	2	100.0	3	75.0
TO RESIDENTS	30	100.0	101	100.0	13	43.3	50	49.5	15	50.0	44	43.6
<b>POPULATION (1,2)</b>												
MALES	1,915	54.1	1,946	53.8								
FEMALES	1,626	45.9	1,671	46.2								
TOTAL	3,541	100.0	3,617	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	30	8.5	101	9.3	13	6.5	50	8.0	15	9.9	44	9.7
TEEN BIRTH RATE*	2	15.2*	11	26.2								
FERTILITY RATE*	30	43.4	101	46.1								
<b>FACILITY</b>												
HOSPITAL	19	63.3	78	77.2	6	46.2	37	74.0	13	86.7	41	93.2
BIRTHING CENTER	6	20.0	8	7.9	6	46.2	8	16.0	0	-	0	-
HOME	0	-	2	2.0	0	-	2	4.0	0	-	0	-
CLINIC	2	6.7	3	3.0	0	-	0	-	2	13.3	3	6.8
OUTSIDE ALASKA	3	10.0	10	9.9	1	7.7	3	6.0	0	-	0	-
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	1	3.3	1	1.0	0	-	0	-	1	6.7	1	2.3
15-19	2	6.7	11	10.9	1	7.7	3	6.0	1	6.7	8	18.2
20-24	10	33.3	29	28.7	4	30.8	13	26.0	6	40.0	16	36.4
25-29	12	40.0	31	30.7	6	46.2	20	40.0	4	26.7	7	15.9
30-34	1	3.3	14	13.9	0	-	7	14.0	1	6.7	5	11.4
35-39	3	10.0	11	10.9	2	15.4	6	12.0	1	6.7	4	9.1
40-44	1	3.3	4	4.0	0	-	1	2.0	1	6.7	3	6.8
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	3	10.0	4	4.0	0	-	0	-	3	20.0	4	9.1
REPORTED SMOKING	3	10.0	21	20.8	0	-	7	14.0	3	20.0	14	31.8
UNWED	10	33.3	35	34.7	3	23.1	10	20.0	7	46.7	25	56.8
<b>EDUCATION</b>												
<12 YEARS	5	16.7	17	16.8	0	-	2	4.0	5	33.3	15	34.1
12 YEARS	11	36.7	38	37.6	5	38.5	16	32.0	6	40.0	22	50.0
12+ YEARS	11	36.7	37	36.6	7	53.8	30	60.0	4	26.7	7	15.9
<b>PRENATAL CARE</b>												
1ST TRIMESTER	23	76.7	73	72.3	12	92.3	43	86.0	11	73.3	30	68.2
3RD TRIMESTER	0	-	4	4.0	0	-	3	6.0	0	-	1	2.3
NO PRENATAL CARE	0	-	1	1.0	0	-	0	-	0	-	1	2.3
<b>APNCU INDEX</b>												
ADEQUATE+	3	10.0	14	13.9	1	7.7	10	20.0	2	13.3	4	9.1
ADEQUATE	9	30.0	24	23.8	6	46.2	15	30.0	3	20.0	9	20.5
INTERMEDIATE	12	40.0	33	32.7	4	30.8	16	32.0	8	53.3	17	38.6
INADEQUATE	2	6.7	15	14.9	1	7.7	5	10.0	1	6.7	10	22.7
<b>KESSNER INDEX</b>												
ADEQUATE	20	66.7	52	51.5	11	84.6	35	70.0	9	60.0	17	38.6
INTERMEDIATE	6	20.0	31	30.7	1	7.7	9	18.0	5	33.3	22	50.0
INADEQUATE	0	-	4	4.0	0	-	3	6.0	0	-	1	2.3
C-SECTION BIRTHS	3	10.0	13	12.9	2	15.4	7	14.0	1	6.7	6	13.6
PRE-TERM BIRTHS	0	-	3	3.0	0	-	1	2.0	0	-	2	4.5
LOW BIRTH WEIGHT	0	-	0	-	0	-	0	-	0	-	0	-

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**SOUTHEAST FAIRBANKS CENSUS AREA**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	13	100.0	36	100.0	12	92.3	32	88.9	0	-	2	5.6
TO RESIDENTS	90	100.0	301	100.0	70	77.8	232	77.1	13	14.4	48	15.9
POPULATION (1,2)												
MALES	3,292	52.4	3,309	52.6								
FEMALES	2,991	47.6	2,986	47.4								
TOTAL	6,283	100.0	6,295	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	90	14.3	301	15.9	70	13.3	232	14.8	13	15.7	48	18.8
TEEN BIRTH RATE*	5	19.1*	20	24.7								
FERTILITY RATE*	90	70.6	301	76.8								
FACILITY												
HOSPITAL	73	81.1	253	84.1	54	77.1	189	81.5	13	100.0	45	93.8
BIRTHING CENTER	4	4.4	11	3.7	4	5.7	10	4.3	0	-	1	2.1
HOME	11	12.2	30	10.0	10	14.3	29	12.5	0	-	0	-
CLINIC	1	1.1	4	1.3	1	1.4	1	0.4	0	-	2	4.2
OUTSIDE ALASKA	1	1.1	3	1.0	1	1.4	3	1.3	0	-	0	-
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	0	-	0	-	0	-	0	-	0	-	0	-
15-19	5	5.6	20	6.6	4	5.7	12	5.2	1	7.7	8	16.7
20-24	28	31.1	83	27.6	19	27.1	56	24.1	6	46.2	17	35.4
25-29	24	26.7	80	26.6	21	30.0	69	29.7	1	7.7	7	14.6
30-34	15	16.7	62	20.6	10	14.3	45	19.4	4	30.8	11	22.9
35-39	11	12.2	36	12.0	10	14.3	33	14.2	1	7.7	3	6.3
40-44	6	6.7	18	6.0	5	7.1	15	6.5	0	-	2	4.2
45+	1	1.1	2	0.7	1	1.4	2	0.9	0	-	0	-
REPORTED DRINKING	0	-	4	1.3	0	-	2	0.9	0	-	2	4.2
REPORTED SMOKING	9	10.0	37	12.3	5	7.1	25	10.8	4	30.8	12	25.0
UNWED	19	21.1	61	20.3	9	12.9	23	9.9	10	76.9	37	77.1
EDUCATION												
<12 YEARS	12	13.3	42	14.0	8	11.4	28	12.1	4	30.8	14	29.2
12 YEARS	43	47.8	140	46.5	31	44.3	100	43.1	8	61.5	28	58.3
12+ YEARS	35	38.9	117	38.9	31	44.3	102	44.0	1	7.7	6	12.5
PRENATAL CARE												
1ST TRIMESTER	53	58.9	177	58.8	43	61.4	139	59.9	5	38.5	24	50.0
3RD TRIMESTER	10	11.1	36	12.0	7	10.0	26	11.2	3	23.1	6	12.5
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	7	7.8	28	9.3	7	10.0	23	9.9	0	-	2	4.2
ADEQUATE	24	26.7	85	28.2	17	24.3	67	28.9	2	15.4	8	16.7
INTERMEDIATE	22	24.4	61	20.3	18	25.7	46	19.8	4	30.8	15	31.3
INADEQUATE	37	41.1	118	39.2	28	40.0	89	38.4	7	53.8	21	43.8
KESSNER INDEX												
ADEQUATE	29	32.2	108	35.9	23	32.9	85	36.6	3	23.1	12	25.0
INTERMEDIATE	51	56.7	148	49.2	40	57.1	114	49.1	7	53.8	28	58.3
INADEQUATE	10	11.1	36	12.0	7	10.0	26	11.2	3	23.1	6	12.5
C-SECTION BIRTHS	10	11.1	43	14.3	6	8.6	31	13.4	3	23.1	9	18.8
PRE-TERM BIRTHS	3	3.3	18	6.0	2	2.9	14	6.0	0	-	1	2.1
LOW BIRTH WEIGHT	3	3.3	15	5.0	1	1.4	11	4.7	1	7.7	1	2.1

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

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**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**VALDEZ-CORDOVA CENSUS AREA**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	46	100.0	147	100.0	38	82.6	130	88.4	4	8.7	8	5.4
TO RESIDENTS	130	100.0	392	100.0	94	72.3	305	77.8	28	21.5	70	17.9
<b>POPULATION (1,2)</b>												
MALES	5,536	53.6	5,529	53.6								
FEMALES	4,797	46.4	4,793	46.4								
TOTAL	10,333	100.0	10,321	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	130	12.6	392	12.7	94	11.3	305	12.2	28	17.5	70	15.3
TEEN BIRTH RATE*	16	40.9	43	36.4								
FERTILITY RATE*	130	61.0	392	59.5								
<b>FACILITY</b>												
HOSPITAL	117	90.0	355	90.6	83	88.3	274	89.8	26	92.9	65	92.9
BIRTHING CENTER	4	3.1	12	3.1	3	3.2	10	3.3	1	3.6	2	2.9
HOME	3	2.3	13	3.3	3	3.2	12	3.9	0	-	1	1.4
CLINIC	1	0.8	3	0.8	0	-	1	0.3	1	3.6	2	2.9
OUTSIDE ALASKA	5	3.8	9	2.3	5	5.3	8	2.6	0	-	0	-
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	1	0.8	3	0.8	0	-	1	0.3	1	3.6	2	2.9
15-19	16	12.3	43	11.0	9	9.6	28	9.2	6	21.4	13	18.6
20-24	34	26.2	94	24.0	25	26.6	73	23.9	6	21.4	17	24.3
25-29	41	31.5	106	27.0	29	30.9	78	25.6	11	39.3	25	35.7
30-34	22	16.9	87	22.2	16	17.0	73	23.9	3	10.7	10	14.3
35-39	13	10.0	46	11.7	12	12.8	41	13.4	1	3.6	3	4.3
40-44	3	2.3	13	3.3	3	3.2	11	3.6	0	-	0	-
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	1	0.8	13	3.3	1	1.1	9	3.0	0	-	4	5.7
REPORTED SMOKING	27	20.8	81	20.7	15	16.0	52	17.0	11	39.3	27	38.6
UNWED	43	33.1	120	30.6	25	26.6	77	25.2	15	53.6	38	54.3
<b>EDUCATION</b>												
<12 YEARS	18	13.8	47	12.0	7	7.4	25	8.2	10	35.7	20	28.6
12 YEARS	41	31.5	133	33.9	28	29.8	96	31.5	10	35.7	31	44.3
12+ YEARS	66	50.8	203	51.8	57	60.6	180	59.0	7	25.0	16	22.9
<b>PRENATAL CARE</b>												
1ST TRIMESTER	102	78.5	313	79.8	76	80.9	248	81.3	20	71.4	51	72.9
3RD TRIMESTER	3	2.3	12	3.1	3	3.2	11	3.6	0	-	1	1.4
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	35	26.9	93	23.7	28	29.8	74	24.3	6	21.4	17	24.3
ADEQUATE	42	32.3	137	34.9	29	30.9	108	35.4	10	35.7	23	32.9
INTERMEDIATE	24	18.5	79	20.2	18	19.1	62	20.3	3	10.7	10	14.3
INADEQUATE	20	15.4	64	16.3	14	14.9	49	16.1	6	21.4	14	20.0
<b>KESSNER INDEX</b>												
ADEQUATE	80	61.5	238	60.7	62	66.0	193	63.3	14	50.0	37	52.9
INTERMEDIATE	38	29.2	123	31.4	24	25.5	89	29.2	11	39.3	26	37.1
INADEQUATE	3	2.3	12	3.1	3	3.2	11	3.6	0	-	1	1.4
C-SECTION BIRTHS	20	15.4	54	13.8	17	18.1	51	16.7	2	7.1	2	2.9
PRE-TERM BIRTHS	18	13.8	37	9.4	12	12.8	28	9.2	4	14.3	6	8.6
LOW BIRTH WEIGHT	11	8.5	31	7.9	9	9.6	27	8.9	1	3.6	2	2.9

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(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

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**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**WADE HAMPTON CENSUS AREA**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	6	100.0	31	100.0	0	-	0	-	6	100.0	31	100.0
TO RESIDENTS	208	100.0	657	100.0	3	1.4	14	2.1	205	98.6	642	97.7
<b>POPULATION (1,2)</b>												
MALES	3,672	52.0	3,636	51.9								
FEMALES	3,388	48.0	3,364	48.1								
TOTAL	7,060	100.0	7,000	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	208	29.5	657	31.3	3	8.2*	14	10.1	205	30.7	642	32.8
TEEN BIRTH RATE*	29	90.9	91	101.2								
FERTILITY RATE*	208	157.8	657	166.5								
<b>FACILITY</b>												
HOSPITAL	203	97.6	623	94.8	3	100.0	8	57.1	200	97.6	614	95.6
BIRTHING CENTER	0	-	0	-	0	-	0	-	0	-	0	-
HOME	0	-	0	-	0	-	0	-	0	-	0	-
CLINIC	5	2.4	27	4.1	0	-	0	-	5	2.4	27	4.2
OUTSIDE ALASKA	0	-	6	0.9	0	-	6	42.9	0	-	0	-
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	0	-	1	0.2	**	**	0	-	**	**	1	0.2
15-19	29	13.9	91	13.9	**	**	0	-	**	**	91	14.2
20-24	50	24.0	165	25.1	**	**	1	7.1	**	**	164	25.5
25-29	61	29.3	189	28.8	**	**	3	21.4	**	**	185	28.8
30-34	42	20.2	135	20.5	**	**	6	42.9	**	**	129	20.1
35-39	21	10.1	63	9.6	**	**	4	28.6	**	**	59	9.2
40-44	5	2.4	13	2.0	**	**	0	-	**	**	13	2.0
45+	0	-	0	-	**	**	0	-	**	**	0	-
REPORTED DRINKING	18	8.7	59	9.0	**	**	1	7.1	**	**	58	9.0
REPORTED SMOKING	37	17.8	111	16.9	**	**	0	-	**	**	111	17.3
UNWED	109	52.4	361	54.9	**	**	0	-	**	**	360	56.1
<b>EDUCATION</b>												
<12 YEARS	46	22.1	165	25.1	**	**	0	-	**	**	165	25.7
12 YEARS	135	64.9	414	63.0	**	**	1	7.1	**	**	412	64.2
12+ YEARS	25	12.0	69	10.5	**	**	11	78.6	**	**	58	9.0
<b>PRENATAL CARE</b>												
1ST TRIMESTER	145	69.7	470	71.5	**	**	12	85.7	**	**	457	71.2
3RD TRIMESTER	15	7.2	49	7.5	**	**	0	-	**	**	49	7.6
NO PRENATAL CARE	0	-	0	-	**	**	0	-	**	**	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	10	4.8	46	7.0	**	**	2	14.3	**	**	44	6.9
ADEQUATE	30	14.4	113	17.2	**	**	7	50.0	**	**	106	16.5
INTERMEDIATE	78	37.5	220	33.5	**	**	2	14.3	**	**	218	34.0
INADEQUATE	86	41.3	246	37.4	**	**	2	14.3	**	**	243	37.9
<b>KESSNER INDEX</b>												
ADEQUATE	47	22.6	181	27.5	**	**	10	71.4	**	**	171	26.6
INTERMEDIATE	142	68.3	397	60.4	**	**	3	21.4	**	**	393	61.2
INADEQUATE	15	7.2	49	7.5	**	**	0	-	**	**	49	7.6
<b>C-SECTION BIRTHS</b>												
PRE-TERM BIRTHS	16	7.7	44	6.7	**	**	5	35.7	**	**	39	6.1
LOW BIRTH WEIGHT	26	12.5	92	14.0	**	**	1	7.1	**	**	91	14.2
TOTAL	9	4.3	32	4.9	**	**	0	-	**	**	32	5.0

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**WRANGELL-PETERSBURG CENSUS AREA**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	32	100.0	104	100.0	22	68.8	80	76.9	8	25.0	18	17.3
TO RESIDENTS	75	100.0	269	100.0	54	72.0	198	73.6	16	21.3	57	21.2
POPULATION (1,2)												
MALES	3,793	53.1	3,790	53.0								
FEMALES	3,344	46.9	3,358	47.0								
TOTAL	7,137	100.0	7,148	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	75	10.5	269	12.5	54	9.6	198	11.6	16	11.7	57	14.5
TEEN BIRTH RATE*	4	15.7*	20	26.7								
FERTILITY RATE*	75	53.9	269	62.2								
FACILITY												
HOSPITAL	65	86.7	232	86.2	46	85.2	167	84.3	16	100.0	54	94.7
BIRTHING CENTER	2	2.7	3	1.1	2	3.7	3	1.5	0	-	0	-
HOME	0	-	3	1.1	0	-	3	1.5	0	-	0	-
CLINIC	0	-	1	0.4	0	-	0	-	0	-	1	1.8
OUTSIDE ALASKA	8	10.7	30	11.2	6	11.1	25	12.6	0	-	2	3.5
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	0	-	0	-	0	-	0	-	0	-	0	-
15-19	4	5.3	20	7.4	3	5.6	13	6.6	1	6.3	7	12.3
20-24	14	18.7	54	20.1	9	16.7	37	18.7	5	31.3	16	28.1
25-29	33	44.0	102	37.9	29	53.7	81	40.9	4	25.0	17	29.8
30-34	11	14.7	51	19.0	5	9.3	36	18.2	6	37.5	12	21.1
35-39	11	14.7	36	13.4	8	14.8	27	13.6	0	-	5	8.8
40-44	2	2.7	6	2.2	0	-	4	2.0	0	-	0	-
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	4	5.3	13	4.8	3	5.6	11	5.6	1	6.3	2	3.5
REPORTED SMOKING	12	16.0	40	14.9	8	14.8	29	14.6	4	25.0	11	19.3
UNWED	16	21.3	76	28.3	8	14.8	42	21.2	6	37.5	31	54.4
EDUCATION												
<12 YEARS	7	9.3	31	11.5	3	5.6	18	9.1	3	18.8	12	21.1
12 YEARS	29	38.7	101	37.5	23	42.6	70	35.4	6	37.5	28	49.1
12+ YEARS	31	41.3	107	39.8	22	40.7	84	42.4	7	43.8	15	26.3
PRENATAL CARE												
1ST TRIMESTER	55	73.3	215	79.9	39	72.2	159	80.3	14	87.5	49	86.0
3RD TRIMESTER	3	4.0	5	1.9	2	3.7	3	1.5	1	6.3	2	3.5
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	15	20.0	42	15.6	11	20.4	33	16.7	4	25.0	8	14.0
ADEQUATE	33	44.0	118	43.9	28	51.9	95	48.0	5	31.3	21	36.8
INTERMEDIATE	10	13.3	52	19.3	4	7.4	34	17.2	3	18.8	12	21.1
INADEQUATE	11	14.7	43	16.0	7	13.0	27	13.6	4	25.0	14	24.6
KESSNER INDEX												
ADEQUATE	46	61.3	167	62.1	35	64.8	126	63.6	10	62.5	35	61.4
INTERMEDIATE	20	26.7	83	30.9	13	24.1	60	30.3	5	31.3	18	31.6
INADEQUATE	3	4.0	5	1.9	2	3.7	3	1.5	1	6.3	2	3.5
C-SECTION BIRTHS	8	10.7	42	15.6	5	9.3	31	15.7	1	6.3	7	12.3
PRE-TERM BIRTHS	2	2.7	12	4.5	0	-	7	3.5	2	12.5	5	8.8
LOW BIRTH WEIGHT	1	1.3	6	2.2	1	1.9	6	3.0	0	-	0	-

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.



**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**YAKUTAT BOROUGH**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
WITHIN AREA	0	-	0	-	0	-	0	-	0	-	0	-
TO RESIDENTS	7	100.0	17	100.0	5	71.4	9	52.9	2	28.6	7	41.2
POPULATION (1,2)												
MALES	408	56.0	437	56.3								
FEMALES	321	44.0	339	43.7								
TOTAL	729	100.0	775	100.0								
BIRTH RATES (3)												
CRUDE BIRTH RATE*	7	9.6*	17	7.3	5	18.4*	9	10.4	2	4.6*	7	5.0
TEEN BIRTH RATE*	0	-	1	13.5								
FERTILITY RATE*	7	51.9*	17	38.6								
FACILITY												
HOSPITAL	7	100.0	17	100.0	5	100.0	9	100.0	2	100.0	7	100.0
BIRTHING CENTER	0	-	0	-	0	-	0	-	0	-	0	-
HOME	0	-	0	-	0	-	0	-	0	-	0	-
CLINIC	0	-	0	-	0	-	0	-	0	-	0	-
OUTSIDE ALASKA	0	-	0	-	0	-	0	-	0	-	0	-
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	0	-	0	-	**	**	0	-	**	**	0	-
15-19	0	-	1	5.9	**	**	0	-	**	**	1	14.3
20-24	0	-	2	11.8	**	**	1	11.1	**	**	0	-
25-29	4	57.1	6	35.3	**	**	5	55.6	**	**	1	14.3
30-34	1	14.3	4	23.5	**	**	2	22.2	**	**	2	28.6
35-39	1	14.3	3	17.6	**	**	0	-	**	**	3	42.9
40-44	1	14.3	1	5.9	**	**	1	11.1	**	**	0	-
45+	0	-	0	-	**	**	0	-	**	**	0	-
REPORTED DRINKING	1	14.3	3	17.6	**	**	1	11.1	**	**	2	28.6
REPORTED SMOKING	2	28.6	4	23.5	**	**	3	33.3	**	**	1	14.3
UNWED	4	57.1	8	47.1	**	**	4	44.4	**	**	4	57.1
EDUCATION												
<12 YEARS	0	-	1	5.9	**	**	0	-	**	**	1	14.3
12 YEARS	2	28.6	7	41.2	**	**	3	33.3	**	**	4	57.1
12+ YEARS	4	57.1	8	47.1	**	**	5	55.6	**	**	2	28.6
PRENATAL CARE												
1ST TRIMESTER	5	71.4	13	76.5	**	**	6	66.7	**	**	7	100.0
3RD TRIMESTER	1	14.3	1	5.9	**	**	1	11.1	**	**	0	-
NO PRENATAL CARE	0	-	0	-	**	**	0	-	**	**	0	-
APNCU INDEX												
ADEQUATE+	1	14.3	1	5.9	**	**	0	-	**	**	1	14.3
ADEQUATE	2	28.6	8	47.1	**	**	4	44.4	**	**	4	57.1
INTERMEDIATE	2	28.6	3	17.6	**	**	1	11.1	**	**	2	28.6
INADEQUATE	2	28.6	5	29.4	**	**	4	44.4	**	**	0	-
KESSNER INDEX												
ADEQUATE	4	57.1	9	52.9	**	**	4	44.4	**	**	5	71.4
INTERMEDIATE	2	28.6	7	41.2	**	**	4	44.4	**	**	2	28.6
INADEQUATE	1	14.3	1	5.9	**	**	1	11.1	**	**	0	-
C-SECTION BIRTHS	0	-	2	11.8	**	**	1	11.1	**	**	1	14.3
PRE-TERM BIRTHS	0	-	0	-	**	**	0	-	**	**	0	-
LOW BIRTH WEIGHT	0	-	0	-	**	**	0	-	**	**	0	-

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.

**TABLE 2 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
REPORTED BY MOTHER'S RACE AND RESIDENCE**

**YUKON-KOYUKUK CENSUS AREA**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
WITHIN AREA	1	100.0	7	100.0	0	-	0	-	1	100.0	7	100.0
TO RESIDENTS	117	100.0	347	100.0	32	27.4	72	20.7	85	72.6	270	77.8
<b>POPULATION (1,2)</b>												
MALES	3,480	54.6	3,480	54.5								
FEMALES	2,892	45.4	2,900	45.5								
TOTAL	6,372	100.0	6,379	100.0								
<b>BIRTH RATES (3)</b>												
CRUDE BIRTH RATE*	117	18.4	347	18.1	32	14.0	72	12.2	85	21.1	270	20.6
TEEN BIRTH RATE*	18	65.9	51	64.5								
FERTILITY RATE*	117	98.2	347	96.5								
<b>FACILITY</b>												
HOSPITAL	110	94.0	322	92.8	27	84.4	59	81.9	83	97.6	258	95.6
BIRTHING CENTER	3	2.6	12	3.5	3	9.4	11	15.3	0	-	1	0.4
HOME	0	-	1	0.3	0	-	0	-	0	-	1	0.4
CLINIC	2	1.7	9	2.6	0	-	0	-	2	2.4	9	3.3
OUTSIDE ALASKA	2	1.7	3	0.9	2	6.3	2	2.8	0	-	1	0.4
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	0	-	3	0.9	0	-	0	-	0	-	3	1.1
15-19	18	15.4	51	14.7	2	6.3	4	5.6	16	18.8	46	17.0
20-24	33	28.2	92	26.5	10	31.3	15	20.8	23	27.1	77	28.5
25-29	25	21.4	66	19.0	8	25.0	21	29.2	17	20.0	44	16.3
30-34	19	16.2	74	21.3	5	15.6	16	22.2	14	16.5	56	20.7
35-39	17	14.5	49	14.1	6	18.8	14	19.4	11	12.9	34	12.6
40-44	5	4.3	11	3.2	1	3.1	2	2.8	4	4.7	9	3.3
45+	0	-	1	0.3	0	-	0	-	0	-	1	0.4
REPORTED DRINKING	6	5.1	19	5.5	0	-	0	-	6	7.1	19	7.0
REPORTED SMOKING	25	21.4	110	31.7	4	12.5	11	15.3	21	24.7	99	36.7
UNWED	73	62.4	217	62.5	10	31.3	20	27.8	63	74.1	195	72.2
<b>EDUCATION</b>												
<12 YEARS	16	13.7	62	17.9	2	6.3	4	5.6	14	16.5	57	21.1
12 YEARS	60	51.3	172	49.6	11	34.4	19	26.4	49	57.6	151	55.9
12+ YEARS	36	30.8	105	30.3	19	59.4	49	68.1	17	20.0	54	20.0
<b>PRENATAL CARE</b>												
1ST TRIMESTER	78	66.7	240	69.2	22	68.8	57	79.2	56	65.9	179	66.3
3RD TRIMESTER	8	6.8	22	6.3	1	3.1	2	2.8	7	8.2	20	7.4
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	18	15.4	44	12.7	4	12.5	9	12.5	14	16.5	35	13.0
ADEQUATE	29	24.8	83	23.9	10	31.3	25	34.7	19	22.4	58	21.5
INTERMEDIATE	36	30.8	115	33.1	11	34.4	25	34.7	25	29.4	88	32.6
INADEQUATE	33	28.2	98	28.2	6	18.8	11	15.3	27	31.8	84	31.1
<b>KESSNER INDEX</b>												
ADEQUATE	45	38.5	134	38.6	17	53.1	44	61.1	28	32.9	90	33.3
INTERMEDIATE	63	53.8	184	53.0	13	40.6	24	33.3	50	58.8	155	57.4
INADEQUATE	8	6.8	22	6.3	1	3.1	2	2.8	7	8.2	20	7.4
C-SECTION BIRTHS	12	10.3	42	12.1	3	9.4	8	11.1	9	10.6	33	12.2
PRE-TERM BIRTHS	12	10.3	45	13.0	1	3.1	5	6.9	11	12.9	39	14.4
LOW BIRTH WEIGHT	4	3.4	17	4.9	0	-	0	-	4	4.7	17	6.3

(1) Three year population estimates are three-year averages.

(2) Population estimates by race and sex are not available at the borough or census area level.

(3) Rate per 1,000 population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

\*\* Data suppressed for confidentiality concerns if total births to residents, by race, is less than five observations.





**Native Regional Corporation Map of Alaska**



**TABLE 3 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

**AHTNA INCORPORATED**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
TO RESIDENTS	42	100.0	126	100.0	23	54.7	83	65.8	19	45.2	43	34.1
FACILITY												
HOSPITAL	35	83.3	103	81.7	18	78.2	64	77.1	17	89.4	39	90.6
BIRTHING CENTER	3	7.1	10	7.9	2	8.6	8	9.6	1	5.2	2	4.6
HOME	3	7.1	9	7.1	3	13.0	9	10.8	0	-	0	-
CLINIC	1	2.3	3	2.3	0	-	1	1.2	1	5.2	2	4.6
OUTSIDE ALASKA	0	-	1	0.7	0	-	1	1.2	0	-	0	-
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	1	2.3	2	1.5	0	-	0	-	1	5.2	2	4.6
15-19	6	14.2	15	11.9	1	4.3	5	6.0	5	26.3	10	23.2
20-24	11	26.1	29	23.0	7	30.4	19	22.8	4	21.0	10	23.2
25-29	14	33.3	36	28.5	8	34.7	23	27.7	6	31.5	13	30.2
30-34	6	14.2	28	22.2	4	17.3	22	26.5	2	10.5	6	13.9
35-39	4	9.5	11	8.7	3	13.0	9	10.8	1	5.2	2	4.6
40-44	0	-	5	3.9	0	-	5	6.0	0	-	0	-
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	0	-	6	4.7	0	-	2	2.4	0	-	4	9.3
REPORTED SMOKING	11	26.1	28	22.2	5	21.7	16	19.2	6	31.5	12	27.9
UNWED	19	45.2	48	38.0	8	34.7	22	26.5	11	57.8	26	60.4
EDUCATION												
<12 YEARS	11	26.1	24	19.0	1	4.3	7	8.4	10	52.6	17	39.5
12 YEARS	11	26.1	41	32.5	7	30.4	26	31.3	4	21.0	15	34.8
12+ YEARS	20	47.6	59	46.8	15	65.2	50	60.2	5	26.3	9	20.9
PRENATAL CARE												
1ST TRIMESTER	32	76.1	100	79.3	18	78.2	67	80.7	14	73.6	33	76.7
3RD TRIMESTER	1	2.3	4	3.1	1	4.3	4	4.8	0	-	0	-
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	10	23.8	27	21.4	5	21.7	15	18.0	5	26.3	12	27.9
ADEQUATE	14	33.3	41	32.5	7	30.4	27	32.5	7	36.8	14	32.5
INTERMEDIATE	6	14.2	25	19.8	5	21.7	19	22.8	1	5.2	6	13.9
INADEQUATE	9	21.4	25	19.8	4	17.3	16	19.2	5	26.3	9	20.9
KESSNER INDEX												
ADEQUATE	23	54.7	69	54.7	13	56.5	43	51.8	10	52.6	26	60.4
INTERMEDIATE	15	35.7	45	35.7	7	30.4	30	36.1	8	42.1	15	34.8
INADEQUATE	1	2.3	4	3.1	1	4.3	4	4.8	0	-	0	-
C-SECTION BIRTHS	5	11.9	15	11.9	4	17.3	14	16.8	1	5.2	1	2.3
PRE-TERM BIRTHS	5	11.9	11	8.7	1	4.3	5	6.0	4	21.0	6	13.9
LOW BIRTH WEIGHT	3	7.1	11	8.7	2	8.6	9	10.8	1	5.2	2	4.6

Population estimates by age, race and sex are not available by Native Regional Corporation.

**TABLE 3 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

**ALEUT CORPORATION**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
TO RESIDENTS	53	100.0	189	100.0	19	35.8	76	40.2	26	49.0	91	48.1
<b>FACILITY</b>												
HOSPITAL	37	69.8	137	72.4	7	36.8	32	42.1	26	100.0	91	100.0
BIRTHING CENTER	2	3.7	6	3.1	2	10.5	6	7.8	0	-	0	-
HOME	0	-	1	0.5	0	-	1	1.3	0	-	0	-
CLINIC	1	1.8	2	1.0	0	-	0	-	0	-	0	-
OUTSIDE ALASKA	13	24.5	43	22.7	10	52.6	37	48.6	0	-	0	-
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	1	1.8	1	0.5	0	-	0	-	1	3.8	1	1.0
15-19	4	7.5	22	11.6	1	5.2	2	2.6	3	11.5	16	17.5
20-24	11	20.7	44	23.2	3	15.7	16	21.0	7	26.9	26	28.5
25-29	11	20.7	35	18.5	2	10.5	16	21.0	8	30.7	17	18.6
30-34	12	22.6	48	25.3	5	26.3	22	28.9	4	15.3	17	18.6
35-39	10	18.8	34	17.9	6	31.5	18	23.6	2	7.6	12	13.1
40-44	3	5.6	4	2.1	1	5.2	1	1.3	1	3.8	2	2.1
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	1	1.8	9	4.7	0	-	2	2.6	1	3.8	7	7.6
REPORTED SMOKING	12	22.6	60	31.7	1	5.2	12	15.7	10	38.4	46	50.5
UNWED	20	37.7	67	35.4	2	10.5	13	17.1	16	61.5	48	52.7
<b>EDUCATION</b>												
<12 YEARS	6	11.3	16	8.4	2	10.5	3	3.9	3	11.5	10	10.9
12 YEARS	22	41.5	87	46.0	2	10.5	20	26.3	16	61.5	58	63.7
12+ YEARS	19	35.8	63	33.3	11	57.8	34	44.7	6	23.0	22	24.1
<b>PRENATAL CARE</b>												
1ST TRIMESTER	37	69.8	148	78.3	11	57.8	58	76.3	21	80.7	73	80.2
3RD TRIMESTER	3	5.6	9	4.7	2	10.5	3	3.9	0	-	5	5.4
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	22	41.5	69	36.5	3	15.7	16	21.0	17	65.3	45	49.4
ADEQUATE	15	28.3	61	32.2	7	36.8	26	34.2	7	26.9	29	31.8
INTERMEDIATE	7	13.2	25	13.2	5	26.3	18	23.6	2	7.6	5	5.4
INADEQUATE	6	11.3	27	14.2	2	10.5	11	14.4	0	-	12	13.1
<b>KESSNER INDEX</b>												
ADEQUATE	31	58.4	124	65.6	7	36.8	41	53.9	21	80.7	70	76.9
INTERMEDIATE	17	32.0	50	26.4	9	47.3	28	36.8	5	19.2	16	17.5
INADEQUATE	3	5.6	9	4.7	2	10.5	3	3.9	0	-	5	5.4
C-SECTION BIRTHS	10	18.8	25	13.2	3	15.7	7	9.2	5	19.2	15	16.4
PRE-TERM BIRTHS	1	1.8	13	6.8	1	5.2	4	5.2	0	-	6	6.5
LOW BIRTH WEIGHT	0	-	7	3.7	0	-	0	-	0	-	4	4.3

Population estimates by age, race and sex are not available by Native Regional Corporation.

**TABLE 3 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

**ARCTIC SLOPE CORPORATION**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
TO RESIDENTS	142	100.0	436	100.0	11	7.7	37	8.4	116	81.6	365	83.7
FACILITY												
HOSPITAL	135	95.0	415	95.1	7	63.6	27	72.9	113	97.4	357	97.8
BIRTHING CENTER	0	-	1	0.2	0	-	1	2.7	0	-	0	-
HOME	1	0.7	2	0.4	1	9.0	1	2.7	0	-	1	0.2
CLINIC	3	2.1	6	1.3	0	-	0	-	3	2.5	6	1.6
OUTSIDE ALASKA	3	2.1	11	2.5	3	27.2	8	21.6	0	-	0	-
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	1	0.7	3	0.6	0	-	0	-	1	0.8	3	0.8
15-19	21	14.7	78	17.8	0	-	0	-	20	17.2	76	20.8
20-24	41	28.8	122	27.9	2	18.1	8	21.6	39	33.6	111	30.4
25-29	34	23.9	99	22.7	2	18.1	10	27.0	27	23.2	80	21.9
30-34	28	19.7	88	20.1	6	54.5	13	35.1	20	17.2	68	18.6
35-39	15	10.5	39	8.9	1	9.0	4	10.8	9	7.7	24	6.5
40-44	2	1.4	7	1.6	0	-	2	5.4	0	-	3	0.8
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	12	8.4	40	9.1	0	-	0	-	11	9.4	39	10.6
REPORTED SMOKING	59	41.5	197	45.1	0	-	3	8.1	56	48.2	189	51.7
UNWED	81	57.0	255	58.4	0	-	5	13.5	76	65.5	239	65.4
EDUCATION												
<12 YEARS	35	24.6	134	30.7	1	9.0	2	5.4	32	27.5	129	35.3
12 YEARS	74	52.1	211	48.3	2	18.1	9	24.3	68	58.6	188	51.5
12+ YEARS	27	19.0	79	18.1	8	72.7	25	67.5	10	8.6	38	10.4
PRENATAL CARE												
1ST TRIMESTER	108	76.0	329	75.4	10	90.9	33	89.1	89	76.7	277	75.8
3RD TRIMESTER	9	6.3	20	4.5	0	-	0	-	7	6.0	15	4.1
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	24	16.9	85	19.4	2	18.1	8	21.6	19	16.3	73	20.0
ADEQUATE	40	28.1	127	29.1	3	27.2	15	40.5	34	29.3	103	28.2
INTERMEDIATE	38	26.7	117	26.8	2	18.1	6	16.2	32	27.5	101	27.6
INADEQUATE	36	25.3	101	23.1	3	27.2	7	18.9	29	25.0	85	23.2
KESSNER INDEX												
ADEQUATE	68	47.8	209	47.9	6	54.5	24	64.8	55	47.4	171	46.8
INTERMEDIATE	61	42.9	201	46.1	4	36.3	12	32.4	52	44.8	176	48.2
INADEQUATE	9	6.3	20	4.5	0	-	0	-	7	6.0	15	4.1
C-SECTION BIRTHS	10	7.0	38	8.7	0	-	6	16.2	10	8.6	28	7.6
PRE-TERM BIRTHS	14	9.8	64	14.6	0	-	1	2.7	14	12.0	60	16.4
LOW BIRTH WEIGHT	5	3.5	24	5.5	0	-	0	-	4	3.4	22	6.0

Population estimates by age, race and sex are not available by Native Regional Corporation.



**TABLE 3 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

**BERING STRAITS NATIVE CORPORATION**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
TO RESIDENTS	216	100.0	623	100.0	22	10.1	68	10.9	189	87.5	550	88.2
<b>FACILITY</b>												
HOSPITAL	209	96.7	598	95.9	18	81.8	54	79.4	187	98.9	540	98.1
BIRTHING CENTER	0	-	1	0.1	0	-	0	-	0	-	1	0.1
HOME	2	0.9	3	0.4	1	4.5	1	1.4	1	0.5	2	0.3
CLINIC	1	0.4	6	0.9	0	-	0	-	1	0.5	6	1.0
OUTSIDE ALASKA	4	1.8	15	2.4	3	13.6	13	19.1	0	-	1	0.1
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	1	0.4	6	0.9	0	-	0	-	1	0.5	6	1.0
15-19	34	15.7	109	17.4	0	-	4	5.8	34	17.9	105	19.0
20-24	65	30.0	175	28.0	2	9.0	8	11.7	62	32.8	166	30.1
25-29	56	25.9	161	25.8	5	22.7	16	23.5	47	24.8	141	25.6
30-34	32	14.8	98	15.7	9	40.9	26	38.2	23	12.1	72	13.0
35-39	21	9.7	61	9.7	4	18.1	10	14.7	17	8.9	51	9.2
40-44	6	2.7	12	1.9	1	4.5	3	4.4	5	2.6	9	1.6
45+	1	0.4	1	0.1	1	4.5	1	1.4	0	-	0	-
REPORTED DRINKING	13	6.0	44	7.0	1	4.5	2	2.9	12	6.3	42	7.6
REPORTED SMOKING	100	46.2	319	51.2	2	9.0	7	10.2	98	51.8	312	56.7
UNWED	129	59.7	372	59.7	5	22.7	14	20.5	124	65.6	358	65.0
<b>EDUCATION</b>												
<12 YEARS	48	22.2	133	21.3	0	-	2	2.9	48	25.3	131	23.8
12 YEARS	127	58.7	367	58.9	5	22.7	12	17.6	119	62.9	352	64.0
12+ YEARS	34	15.7	104	16.6	16	72.7	50	73.5	16	8.4	52	9.4
<b>PRENATAL CARE</b>												
1ST TRIMESTER	130	60.1	424	68.0	19	86.3	60	88.2	107	56.6	360	65.4
3RD TRIMESTER	33	15.2	64	10.2	1	4.5	2	2.9	32	16.9	62	11.2
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
<b>APNCU INDEX</b>												
ADEQUATE+	39	18.0	117	18.7	5	22.7	20	29.4	34	17.9	97	17.6
ADEQUATE	65	30.0	186	29.8	9	40.9	26	38.2	52	27.5	156	28.3
INTERMEDIATE	40	18.5	130	20.8	6	27.2	13	19.1	34	17.9	117	21.2
INADEQUATE	65	30.0	170	27.2	1	4.5	8	11.7	63	33.3	161	29.2
<b>KESSNER INDEX</b>												
ADEQUATE	101	46.7	301	48.3	16	72.7	49	72.0	83	43.9	250	45.4
INTERMEDIATE	76	35.1	242	38.8	4	18.1	16	23.5	69	36.5	223	40.5
INADEQUATE	33	15.2	64	10.2	1	4.5	2	2.9	32	16.9	62	11.2
C-SECTION BIRTHS	15	6.9	54	8.6	5	22.7	12	17.6	7	3.7	39	7.0
PRE-TERM BIRTHS	28	12.9	97	15.5	2	9.0	7	10.2	24	12.6	88	16.0
LOW BIRTH WEIGHT	9	4.1	36	5.7	1	4.5	3	4.4	6	3.1	31	5.6

Population estimates by age, race and sex are not available by Native Regional Corporation.

**TABLE 3 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

**BRISTOL BAY NATIVE CORPORATION**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
TO RESIDENTS	141	100.0	444	100.0	40	28.3	98	22.0	99	70.2	339	76.3
FACILITY												
HOSPITAL	136	96.4	432	97.2	36	90.0	92	93.8	98	98.9	333	98.2
BIRTHING CENTER	1	0.7	1	0.2	1	2.5	1	1.0	0	-	0	-
HOME	1	0.7	1	0.2	1	2.5	1	1.0	0	-	0	-
CLINIC	1	0.7	5	1.1	0	-	0	-	1	1.0	5	1.4
OUTSIDE ALASKA	2	1.4	5	1.1	2	5.0	4	4.0	0	-	1	0.2
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	0	-	0	-	0	-	0	-	0	-	0	-
15-19	23	16.3	70	15.7	3	7.5	9	9.1	20	20.2	61	17.9
20-24	40	28.3	114	25.6	4	10.0	15	15.3	34	34.3	94	27.7
25-29	31	21.9	96	21.6	15	37.5	26	26.5	16	16.1	70	20.6
30-34	24	17.0	97	21.8	10	25.0	25	25.5	14	14.1	71	20.9
35-39	20	14.1	58	13.0	7	17.5	20	20.4	13	13.1	37	10.9
40-44	3	2.1	9	2.0	1	2.5	3	3.0	2	2.0	6	1.7
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	10	7.0	34	7.6	4	10.0	7	7.1	6	6.0	27	7.9
REPORTED SMOKING	42	29.7	182	40.9	7	17.5	15	15.3	35	35.3	167	49.2
UNWED	66	46.8	189	42.5	10	25.0	21	21.4	55	55.5	165	48.6
EDUCATION												
<12 YEARS	19	13.4	84	18.9	1	2.5	8	8.1	18	18.1	76	22.4
12 YEARS	78	55.3	235	52.9	15	37.5	36	36.7	63	63.6	197	58.1
12+ YEARS	40	28.3	113	25.4	23	57.5	51	52.0	15	15.1	58	17.1
PRENATAL CARE												
1ST TRIMESTER	98	69.5	323	72.7	32	80.0	82	83.6	66	66.6	237	69.9
3RD TRIMESTER	11	7.8	42	9.4	3	7.5	5	5.1	6	6.0	35	10.3
NO PRENATAL CARE	0	-	1	0.2	0	-	0	-	0	-	1	0.2
APNCU INDEX												
ADEQUATE+	36	25.5	129	29.0	9	22.5	31	31.6	27	27.2	95	28.0
ADEQUATE	40	28.3	123	27.7	14	35.0	34	34.6	26	26.2	89	26.2
INTERMEDIATE	27	19.1	71	15.9	8	20.0	17	17.3	19	19.1	53	15.6
INADEQUATE	32	22.6	106	23.8	8	20.0	14	14.2	22	22.2	90	26.5
KESSNER INDEX												
ADEQUATE	68	48.2	246	55.4	24	60.0	69	70.4	44	44.4	174	51.3
INTERMEDIATE	56	39.7	143	32.2	12	30.0	22	22.4	44	44.4	120	35.3
INADEQUATE	11	7.8	42	9.4	3	7.5	5	5.1	6	6.0	35	10.3
C-SECTION BIRTHS	7	4.9	27	6.0	4	10.0	9	9.1	3	3.0	17	5.0
PRE-TERM BIRTHS	11	7.8	44	9.9	2	5.0	7	7.1	9	9.0	37	10.9
LOW BIRTH WEIGHT	8	5.6	22	4.9	2	5.0	5	5.1	6	6.0	17	5.0

Population estimates by age, race and sex are not available by Native Regional Corporation.

**TABLE 3 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

**CALISTA CORPORATION**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
TO RESIDENTS	643	100.0	1,920	100.0	29	4.5	93	4.8	614	95.4	1,818	94.6
FACILITY												
HOSPITAL	621	96.5	1,851	96.4	25	86.2	79	84.9	596	97.0	1,763	96.9
BIRTHING CENTER	1	0.1	2	0.1	1	3.4	2	2.1	0	-	0	-
HOME	2	0.3	5	0.2	1	3.4	1	1.0	1	0.1	4	0.2
CLINIC	16	2.4	49	2.5	0	-	1	1.0	16	2.6	48	2.6
OUTSIDE ALASKA	3	0.4	11	0.5	2	6.8	10	10.7	1	0.1	1	0.0
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	0	-	3	0.1	0	-	0	-	0	-	3	0.1
15-19	94	14.6	247	12.8	1	3.4	5	5.3	93	15.1	242	13.3
20-24	170	26.4	550	28.6	3	10.3	11	11.8	167	27.1	537	29.5
25-29	159	24.7	491	25.5	7	24.1	20	21.5	152	24.7	467	25.6
30-34	139	21.6	397	20.6	14	48.2	38	40.8	125	20.3	357	19.6
35-39	64	9.9	195	10.1	4	13.7	17	18.2	60	9.7	177	9.7
40-44	16	2.4	35	1.8	0	-	2	2.1	16	2.6	33	1.8
45+	1	0.1	2	0.1	0	-	0	-	1	0.1	2	0.1
REPORTED DRINKING	31	4.8	113	5.8	0	-	4	4.3	31	5.0	109	5.9
REPORTED SMOKING	115	17.8	304	15.8	1	3.4	8	8.6	114	18.5	296	16.2
UNWED	314	48.8	907	47.2	2	6.8	14	15.0	312	50.8	889	48.8
EDUCATION												
<12 YEARS	123	19.1	396	20.6	2	6.8	4	4.3	121	19.7	391	21.5
12 YEARS	422	65.6	1,244	64.7	7	24.1	20	21.5	415	67.5	1,217	66.9
12+ YEARS	80	12.4	242	12.6	18	62.0	64	68.8	62	10.0	177	9.7
PRENATAL CARE												
1ST TRIMESTER	434	67.4	1,413	73.5	23	79.3	76	81.7	411	66.9	1,329	73.1
3RD TRIMESTER	61	9.4	140	7.2	4	13.7	5	5.3	57	9.2	135	7.4
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	66	10.2	215	11.1	9	31.0	27	29.0	57	9.2	187	10.2
ADEQUATE	107	16.6	401	20.8	10	34.4	32	34.4	97	15.7	368	20.2
INTERMEDIATE	204	31.7	586	30.5	3	10.3	17	18.2	201	32.7	565	31.0
INADEQUATE	247	38.4	638	33.2	7	24.1	15	16.1	240	39.0	620	34.1
KESSNER INDEX												
ADEQUATE	192	29.8	703	36.6	18	62.0	66	70.9	174	28.3	634	34.8
INTERMEDIATE	372	57.8	1,001	52.1	7	24.1	20	21.5	365	59.4	975	53.6
INADEQUATE	61	9.4	140	7.2	4	13.7	5	5.3	57	9.2	135	7.4
C-SECTION BIRTHS	49	7.6	130	6.7	1	3.4	15	16.1	48	7.8	114	6.2
PRE-TERM BIRTHS	84	13.0	258	13.4	2	6.8	11	11.8	82	13.3	246	13.5
LOW BIRTH WEIGHT	32	4.9	97	5.0	1	3.4	4	4.3	31	5.0	93	5.1

Population estimates by age, race and sex are not available by Native Regional Corporation.

**TABLE 3 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

**CHUGACH ALASKA CORPORATION**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
TO RESIDENTS	183	100.0	516	100.0	119	65.0	359	69.5	51	27.8	133	25.7
FACILITY												
HOSPITAL	171	93.4	495	95.9	107	89.9	340	94.7	51	100.0	132	99.2
BIRTHING CENTER	6	3.2	8	1.5	6	5.0	8	2.2	0	-	0	-
HOME	0	-	4	0.7	0	-	3	0.8	0	-	1	0.7
CLINIC	0	-	0	-	0	-	0	-	0	-	0	-
OUTSIDE ALASKA	6	3.2	9	1.7	6	5.0	8	2.2	0	-	0	-
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	0	-	1	0.1	0	-	1	0.2	0	-	0	-
15-19	20	10.9	53	10.2	11	9.2	32	8.9	8	15.6	19	14.2
20-24	46	25.1	135	26.1	33	27.7	92	25.6	10	19.6	39	29.3
25-29	60	32.7	135	26.1	32	26.8	85	23.6	24	47.0	44	33.0
30-34	32	17.4	109	21.1	22	18.4	83	23.1	7	13.7	20	15.0
35-39	20	10.9	66	12.7	16	13.4	52	14.4	2	3.9	10	7.5
40-44	5	2.7	16	3.1	5	4.2	13	3.6	0	-	1	0.7
45+	0	-	1	0.1	0	-	1	0.2	0	-	0	-
REPORTED DRINKING	11	6.0	27	5.2	4	3.3	14	3.8	7	13.7	12	9.0
REPORTED SMOKING	50	27.3	131	25.3	18	15.1	62	17.2	29	56.8	65	48.8
UNWED	63	34.4	172	33.3	32	26.8	97	27.0	27	52.9	69	51.8
EDUCATION												
<12 YEARS	20	10.9	53	10.2	10	8.4	28	7.7	9	17.6	23	17.2
12 YEARS	69	37.7	203	39.3	38	31.9	126	35.0	26	50.9	69	51.8
12+ YEARS	85	46.4	242	46.8	68	57.1	199	55.4	13	25.4	32	24.0
PRENATAL CARE												
1ST TRIMESTER	144	78.6	411	79.6	95	79.8	286	79.6	39	76.4	105	78.9
3RD TRIMESTER	2	1.0	13	2.5	2	1.6	10	2.7	0	-	3	2.2
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	43	23.4	125	24.2	32	26.8	95	26.4	10	19.6	27	20.3
ADEQUATE	73	39.8	204	39.5	50	42.0	144	40.1	17	33.3	50	37.5
INTERMEDIATE	33	18.0	96	18.6	18	15.1	61	16.9	12	23.5	28	21.0
INADEQUATE	25	13.6	72	13.9	15	12.6	48	13.3	9	17.6	22	16.5
KESSNER INDEX												
ADEQUATE	118	64.4	325	62.9	84	70.5	241	67.1	27	52.9	71	53.3
INTERMEDIATE	54	29.5	159	30.8	29	24.3	97	27.0	21	41.1	53	39.8
INADEQUATE	2	1.0	13	2.5	2	1.6	10	2.7	0	-	3	2.2
C-SECTION BIRTHS	27	14.7	79	15.3	22	18.4	73	20.3	4	7.8	5	3.7
PRE-TERM BIRTHS	26	14.2	56	10.8	14	11.7	35	9.7	8	15.6	16	12.0
LOW BIRTH WEIGHT	13	7.1	38	7.3	9	7.5	30	8.3	3	5.8	6	4.5

Population estimates by age, race and sex are not available by Native Regional Corporation.

**TABLE 3 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

**COOK INLET REGIONAL CORPORATION**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
<b>BIRTHS</b>												
TO RESIDENTS	5,540	100.0	16,448	100.0	4,217	76.1	12,692	77.1	647	11.6	1,858	11.2
<b>FACILITY</b>												
HOSPITAL	5,212	94.0	15,603	94.8	3,913	92.7	11,905	93.7	641	99.0	1,841	99.0
BIRTHING CENTER	185	3.3	449	2.7	175	4.1	425	3.3	4	0.6	8	0.4
HOME	111	2.0	310	1.8	103	2.4	288	2.2	1	0.1	7	0.3
CLINIC	0	-	1	0.0	0	-	1	0.0	0	-	0	-
OUTSIDE ALASKA	30	0.5	81	0.4	24	0.5	69	0.5	1	0.1	2	0.1
<b>MOTHER CHARACTERISTICS</b>												
<b>AGE GROUP</b>												
<15	9	0.1	21	0.1	4	0.0	8	0.0	2	0.3	7	0.3
15-19	595	10.7	1,762	10.7	376	8.9	1,178	9.2	123	19.0	333	17.9
20-24	1,468	26.4	4,278	26.0	1,060	25.1	3,169	24.9	208	32.1	579	31.1
25-29	1,551	27.9	4,602	27.9	1,212	28.7	3,672	28.9	163	25.1	445	23.9
30-34	1,141	20.5	3,502	21.2	930	22.0	2,787	21.9	84	12.9	314	16.8
35-39	613	11.0	1,843	11.2	503	11.9	1,505	11.8	48	7.4	147	7.9
40-44	149	2.6	410	2.4	118	2.7	343	2.7	19	2.9	33	1.7
45+	13	0.2	29	0.1	13	0.3	29	0.2	0	-	0	-
REPORTED DRINKING	166	2.9	500	3.0	101	2.3	282	2.2	58	8.9	194	10.4
REPORTED SMOKING	860	15.5	2,676	16.2	580	13.7	1,854	14.6	223	34.4	668	35.9
UNWED	1,679	30.3	4,786	29.0	1,034	24.5	3,032	23.8	378	58.4	1,052	56.6
<b>EDUCATION</b>												
<12 YEARS	715	12.9	2,072	12.5	436	10.3	1,292	10.1	201	31.0	533	28.6
12 YEARS	2,117	38.2	6,280	38.1	1,573	37.3	4,694	36.9	269	41.5	822	44.2
12+ YEARS	2,609	47.0	7,854	47.7	2,168	51.4	6,597	51.9	146	22.5	420	22.6
<b>PRENATAL CARE</b>												
1ST TRIMESTER	4,513	81.4	13,576	82.5	3,481	82.5	10,601	83.5	502	77.5	1,448	77.9
3RD TRIMESTER	171	3.0	450	2.7	130	3.0	333	2.6	20	3.0	64	3.4
NO PRENATAL CARE	0	-	4	0.0	0	-	2	0.0	0	-	1	0.0
<b>APNCU INDEX</b>												
ADEQUATE+	1,762	31.8	5,368	32.6	1,388	32.9	4,296	33.8	148	22.8	428	23.0
ADEQUATE	2,533	45.7	7,428	45.1	2,007	47.5	5,929	46.7	250	38.6	734	39.5
INTERMEDIATE	581	10.4	1,724	10.4	379	8.9	1,154	9.0	130	20.0	361	19.4
INADEQUATE	537	9.6	1,586	9.6	363	8.6	1,103	8.6	101	15.6	272	14.6
<b>KESSNER INDEX</b>												
ADEQUATE	4,158	75.0	12,539	76.2	3,269	77.5	9,974	78.5	400	61.8	1,175	63.2
INTERMEDIATE	1,087	19.6	3,125	18.9	741	17.5	2,183	17.1	209	32.3	556	29.9
INADEQUATE	171	3.0	450	2.7	130	3.0	333	2.6	20	3.0	64	3.4
C-SECTION BIRTHS	888	16.0	2,782	16.9	718	17.0	2,241	17.6	63	9.7	179	9.6
PRE-TERM BIRTHS	613	11.0	1,696	10.3	435	10.3	1,211	9.5	81	12.5	247	13.2
LOW BIRTH WEIGHT	341	6.1	1,018	6.1	236	5.5	725	5.7	44	6.8	123	6.6

Population estimates by age, race and sex are not available by Native Regional Corporation.

**TABLE 3 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

## DOYON LIMITED

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
TO RESIDENTS	1,634	100.0	4,981	100.0	1,179	72.1	3,654	73.3	259	15.8	745	14.9
FACILITY												
HOSPITAL	1,534	93.8	4,696	94.2	1,089	92.3	3,403	93.1	257	99.2	727	97.5
BIRTHING CENTER	54	3.3	159	3.1	51	4.3	149	4.0	0	-	3	0.4
HOME	26	1.5	73	1.4	25	2.1	69	1.8	0	-	2	0.2
CLINIC	3	0.1	14	0.2	1	0.0	2	0.0	2	0.7	11	1.4
OUTSIDE ALASKA	17	1.0	39	0.7	13	1.1	31	0.8	0	-	2	0.2
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	1	0.0	5	0.1	1	0.0	2	0.0	0	-	3	0.4
15-19	169	10.3	499	10.0	106	8.9	313	8.5	40	15.4	122	16.3
20-24	533	32.6	1,587	31.8	363	30.7	1,119	30.6	84	32.4	238	31.9
25-29	461	28.2	1,396	28.0	340	28.8	1,089	29.8	67	25.8	152	20.4
30-34	280	17.1	912	18.3	220	18.6	690	18.8	40	15.4	135	18.1
35-39	151	9.2	461	9.2	120	10.1	354	9.6	22	8.4	72	9.6
40-44	37	2.2	116	2.3	27	2.2	83	2.2	6	2.3	22	2.9
45+	2	0.1	5	0.1	2	0.1	4	0.1	0	-	1	0.1
REPORTED DRINKING	32	1.9	92	1.8	17	1.4	47	1.2	12	4.6	38	5.1
REPORTED SMOKING	204	12.4	716	14.3	131	11.1	456	12.4	64	24.7	229	30.7
UNWED	449	27.4	1,228	24.6	229	19.4	607	16.6	170	65.6	478	64.1
EDUCATION												
<12 YEARS	174	10.6	537	10.7	104	8.8	320	8.7	56	21.6	171	22.9
12 YEARS	691	42.2	2,069	41.5	462	39.1	1,428	39.0	119	45.9	360	48.3
12+ YEARS	744	45.5	2,311	46.3	601	50.9	1,867	51.0	76	29.3	198	26.5
PRENATAL CARE												
1ST TRIMESTER	1,242	76.0	3,715	74.5	912	77.3	2,785	76.2	172	66.4	509	68.3
3RD TRIMESTER	92	5.6	315	6.3	62	5.2	216	5.9	24	9.2	53	7.1
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	414	25.3	1,163	23.3	296	25.1	855	23.3	54	20.8	136	18.2
ADEQUATE	581	35.5	1,855	37.2	441	37.4	1,438	39.3	68	26.2	203	27.2
INTERMEDIATE	304	18.6	910	18.2	214	18.1	640	17.5	64	24.7	199	26.7
INADEQUATE	316	19.3	983	19.7	215	18.2	676	18.5	70	27.0	191	25.6
KESSNER INDEX												
ADEQUATE	1,016	62.1	3,067	61.5	764	64.8	2,368	64.8	115	44.4	333	44.6
INTERMEDIATE	507	31.0	1,532	30.7	340	28.8	1,028	28.1	117	45.1	343	46.0
INADEQUATE	92	5.6	315	6.3	62	5.2	216	5.9	24	9.2	53	7.1
C-SECTION BIRTHS	226	13.8	760	15.2	161	13.6	563	15.4	39	15.0	109	14.6
PRE-TERM BIRTHS	167	10.2	473	9.4	108	9.1	309	8.4	38	14.6	101	13.5
LOW BIRTH WEIGHT	96	5.8	294	5.9	55	4.6	182	4.9	27	10.4	63	8.4

Population estimates by age, race and sex are not available by Native Regional Corporation.

**TABLE 3 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

**KONIAG INCORPORATED**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
TO RESIDENTS	253	100.0	777	100.0	134	52.9	467	60.1	45	17.7	136	17.5
FACILITY												
HOSPITAL	244	96.4	741	95.3	126	94.0	439	94.0	44	97.7	132	97.0
BIRTHING CENTER	1	0.3	1	0.1	1	0.7	1	0.2	0	-	0	-
HOME	6	2.3	14	1.8	6	4.4	13	2.7	0	-	1	0.7
CLINIC	1	0.3	11	1.4	0	-	6	1.2	1	2.2	2	1.4
OUTSIDE ALASKA	1	0.3	9	1.1	1	0.7	8	1.7	0	-	0	-
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	1	0.3	1	0.1	0	-	0	-	1	2.2	1	0.7
15-19	29	11.4	84	10.8	9	6.7	36	7.7	9	20.0	26	19.1
20-24	57	22.5	167	21.4	31	23.1	89	19.0	9	20.0	41	30.1
25-29	69	27.2	214	27.5	36	26.8	133	28.4	14	31.1	39	28.6
30-34	45	17.7	183	23.5	24	17.9	124	26.5	8	17.7	19	13.9
35-39	35	13.8	95	12.2	22	16.4	59	12.6	3	6.6	9	6.6
40-44	17	6.7	33	4.2	12	8.9	26	5.5	1	2.2	1	0.7
45+	0	-	0	-	0	-	0	-	0	-	0	-
REPORTED DRINKING	9	3.5	24	3.0	3	2.2	11	2.3	6	13.3	12	8.8
REPORTED SMOKING	35	13.8	102	13.1	15	11.1	44	9.4	16	35.5	53	38.9
UNWED	73	28.8	197	25.3	20	14.9	65	13.9	27	60.0	72	52.9
EDUCATION												
<12 YEARS	33	13.0	97	12.4	14	10.4	39	8.3	6	13.3	27	19.8
12 YEARS	115	45.4	350	45.0	49	36.5	174	37.2	24	53.3	84	61.7
12+ YEARS	103	40.7	323	41.5	71	52.9	253	54.1	13	28.8	23	16.9
PRENATAL CARE												
1ST TRIMESTER	172	67.9	582	74.9	98	73.1	377	80.7	33	73.3	106	77.9
3RD TRIMESTER	21	8.3	35	4.5	8	5.9	15	3.2	4	8.8	7	5.1
NO PRENATAL CARE	0	-	1	0.1	0	-	1	0.2	0	-	0	-
APNCU INDEX												
ADEQUATE+	27	10.6	101	12.9	18	13.4	71	15.2	4	8.8	16	11.7
ADEQUATE	78	30.8	260	33.4	50	37.3	175	37.4	11	24.4	41	30.1
INTERMEDIATE	71	28.0	246	31.6	32	23.8	142	30.4	16	35.5	50	36.7
INADEQUATE	73	28.8	157	20.2	30	22.3	72	15.4	14	31.1	26	19.1
KESSNER INDEX												
ADEQUATE	123	48.6	442	56.8	79	58.9	312	66.8	20	44.4	68	50.0
INTERMEDIATE	105	41.5	287	36.9	43	32.0	133	28.4	21	46.6	58	42.6
INADEQUATE	21	8.3	35	4.5	8	5.9	15	3.2	4	8.8	7	5.1
C-SECTION BIRTHS	35	13.8	120	15.4	18	13.4	73	15.6	5	11.1	16	11.7
PRE-TERM BIRTHS	31	12.2	71	9.1	15	11.1	36	7.7	7	15.5	18	13.2
LOW BIRTH WEIGHT	23	9.0	56	7.2	12	8.9	24	5.1	3	6.6	10	7.3

Population estimates by age, race and sex are not available by Native Regional Corporation.

**TABLE 3 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

**NANA REGIONAL CORPORATION**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
TO RESIDENTS	180	100.0	537	100.0	15	8.3	37	6.8	165	91.6	496	92.3
FACILITY												
HOSPITAL	176	97.7	523	97.3	13	86.6	32	86.4	163	98.7	487	98.1
BIRTHING CENTER	0	-	0	-	0	-	0	-	0	-	0	-
HOME	0	-	0	-	0	-	0	-	0	-	0	-
CLINIC	2	1.1	8	1.4	0	-	0	-	2	1.2	8	1.6
OUTSIDE ALASKA	2	1.1	6	1.1	2	13.3	5	13.5	0	-	1	0.2
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	1	0.5	1	0.1	0	-	0	-	1	0.6	1	0.2
15-19	34	18.8	92	17.1	0	-	0	-	34	20.6	92	18.5
20-24	50	27.7	148	27.5	2	13.3	4	10.8	48	29.0	144	29.0
25-29	49	27.2	144	26.8	5	33.3	13	35.1	44	26.6	129	26.0
30-34	27	15.0	95	17.6	6	40.0	14	37.8	21	12.7	80	16.1
35-39	12	6.6	41	7.6	1	6.6	2	5.4	11	6.6	38	7.6
40-44	5	2.7	14	2.6	0	-	3	8.1	5	3.0	11	2.2
45+	2	1.1	2	0.3	1	6.6	1	2.7	1	0.6	1	0.2
REPORTED DRINKING	26	14.4	92	17.1	0	-	0	-	26	15.7	92	18.5
REPORTED SMOKING	91	50.5	279	51.9	0	-	2	5.4	91	55.1	277	55.8
UNWED	115	63.8	335	62.3	1	6.6	6	16.2	114	69.0	329	66.3
EDUCATION												
<12 YEARS	43	23.8	147	27.3	0	-	0	-	43	26.0	147	29.6
12 YEARS	93	51.6	279	51.9	2	13.3	8	21.6	91	55.1	270	54.4
12+ YEARS	27	15.0	80	14.8	13	86.6	27	72.9	14	8.4	50	10.0
PRENATAL CARE												
1ST TRIMESTER	135	75.0	405	75.4	15	100.0	34	91.8	120	72.7	368	74.1
3RD TRIMESTER	7	3.8	16	2.9	0	-	0	-	7	4.2	15	3.0
NO PRENATAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
APNCU INDEX												
ADEQUATE+	43	23.8	130	24.2	5	33.3	13	35.1	38	23.0	116	23.3
ADEQUATE	58	32.2	162	30.1	7	46.6	13	35.1	51	30.9	147	29.6
INTERMEDIATE	42	23.3	129	24.0	2	13.3	7	18.9	40	24.2	122	24.5
INADEQUATE	32	17.7	101	18.8	0	-	1	2.7	32	19.3	99	19.9
KESSNER INDEX												
ADEQUATE	99	55.0	292	54.3	13	86.6	27	72.9	86	52.1	262	52.8
INTERMEDIATE	69	38.3	214	39.8	1	6.6	7	18.9	68	41.2	207	41.7
INADEQUATE	7	3.8	16	2.9	0	-	0	-	7	4.2	15	3.0
C-SECTION BIRTHS	11	6.1	32	5.9	4	26.6	8	21.6	7	4.2	24	4.8
PRE-TERM BIRTHS	24	13.3	80	14.8	2	13.3	7	18.9	22	13.3	73	14.7
LOW BIRTH WEIGHT	12	6.6	32	5.9	2	13.3	5	13.5	10	6.0	27	5.4

Population estimates by age, race and sex are not available by Native Regional Corporation.



**TABLE 3 SELECTED VITAL STATISTICS FOR ALASKA: 1999 AND 1997-1999  
BY MOTHER'S RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

**SEALASKA CORPORATION**

BIRTH STATISTIC	ALL RACES				WHITE				NATIVE			
	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)	1999 NUMBER	1999 %(RATE*)	97-99 NUMBER	97-99 %(RATE*)
BIRTHS												
TO RESIDENTS	927	100.0	2,834	100.0	640	69.0	1,945	68.6	226	24.3	691	24.3
FACILITY												
HOSPITAL	807	87.0	2,545	89.8	545	85.1	1,720	88.4	211	93.3	658	95.2
BIRTHING CENTER	46	4.9	69	2.4	41	6.4	63	3.2	3	1.3	3	0.4
HOME	31	3.3	84	2.9	29	4.5	78	4.0	2	0.8	4	0.5
CLINIC	5	0.5	12	0.4	0	-	3	0.1	5	2.2	9	1.3
OUTSIDE ALASKA	38	4.0	124	4.3	25	3.9	81	4.1	5	2.2	17	2.4
MOTHER CHARACTERISTICS												
AGE GROUP												
<15	1	0.1	3	0.1	0	-	0	-	1	0.4	3	0.4
15-19	93	10.0	294	10.3	43	6.7	146	7.5	44	19.4	126	18.2
20-24	219	23.6	668	23.5	148	23.1	415	21.3	63	27.8	220	31.8
25-29	273	29.4	809	28.5	203	31.7	600	30.8	58	25.6	151	21.8
30-34	195	21.0	620	21.8	140	21.8	456	23.4	41	18.1	122	17.6
35-39	131	14.1	357	12.5	96	15.0	265	13.6	17	7.5	56	8.1
40-44	14	1.5	77	2.7	9	1.4	59	3.0	2	0.8	11	1.5
45+	1	0.1	6	0.2	1	0.1	4	0.2	0	-	2	0.2
REPORTED DRINKING	37	3.9	98	3.4	19	2.9	58	2.9	16	7.0	38	5.4
REPORTED SMOKING	195	21.0	511	18.0	110	17.1	309	15.8	82	36.2	193	27.9
UNWED	291	31.3	865	30.5	152	23.7	447	22.9	125	55.3	379	54.8
EDUCATION												
<12 YEARS	104	11.2	334	11.7	47	7.3	149	7.6	52	23.0	168	24.3
12 YEARS	373	40.2	1,115	39.3	238	37.1	706	36.2	111	49.1	341	49.3
12+ YEARS	395	42.6	1,227	43.2	319	49.8	994	51.1	53	23.4	148	21.4
PRENATAL CARE												
1ST TRIMESTER	761	82.0	2,292	80.8	536	83.7	1,622	83.3	180	79.6	527	76.2
3RD TRIMESTER	14	1.5	57	2.0	9	1.4	29	1.4	5	2.2	25	3.6
NO PRENATAL CARE	0	-	1	0.0	0	-	0	-	0	-	1	0.1
APNCU INDEX												
ADEQUATE+	213	22.9	580	20.4	141	22.0	383	19.6	60	26.5	168	24.3
ADEQUATE	381	41.1	1,113	39.2	294	45.9	835	42.9	66	29.2	214	30.9
INTERMEDIATE	196	21.1	685	24.1	126	19.6	474	24.3	55	24.3	156	22.5
INADEQUATE	84	9.0	313	11.0	50	7.8	180	9.2	29	12.8	109	15.7
KESSNER INDEX												
ADEQUATE	631	68.0	1,893	66.7	461	72.0	1,371	70.4	139	61.5	415	60.0
INTERMEDIATE	229	24.7	742	26.1	141	22.0	473	24.3	66	29.2	207	29.9
INADEQUATE	14	1.5	57	2.0	9	1.4	29	1.4	5	2.2	25	3.6
C-SECTION BIRTHS	198	21.3	570	20.1	149	23.2	439	22.5	33	14.6	90	13.0
PRE-TERM BIRTHS	66	7.1	227	8.0	37	5.7	137	7.0	17	7.5	70	10.1
LOW BIRTH WEIGHT	30	3.2	105	3.7	15	2.3	65	3.3	11	4.8	31	4.4

Population estimates by age, race and sex are not available by Native Regional Corporation.

# FETAL AND INFANT DEATHS



*"Priest, Yukon River"*

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## INTRODUCTION

### FETAL DEATHS

A fetal death is defined as the death of a fetus after the eighth week of gestation and before delivery. Alaska Statute 18.50.240 requires the filing of a fetal death certificate for each fetal death that occurs in the state when the pregnancy has lasted at least 20 weeks. The filing of certificates for fetal deaths which occur prior

to the twentieth week of pregnancy is optional. This chapter includes information only for fetal deaths in which either the estimated gestation or the calculated gestation (last menstrual date subtracted from the date of delivery) is at least twenty weeks.

**INFANT DEATHS AND MORTALITY RATES**

Infant deaths are defined as deaths that occur after a live birth and before an infant's first birthday. Infant mortality may be calculated by either of two methods: a birth cohort or a death cohort. A birth cohort includes all infants born in the same calendar year who die within one year of their birth. A death cohort includes all infant deaths that occur in a given calendar year, regardless of the birth year.

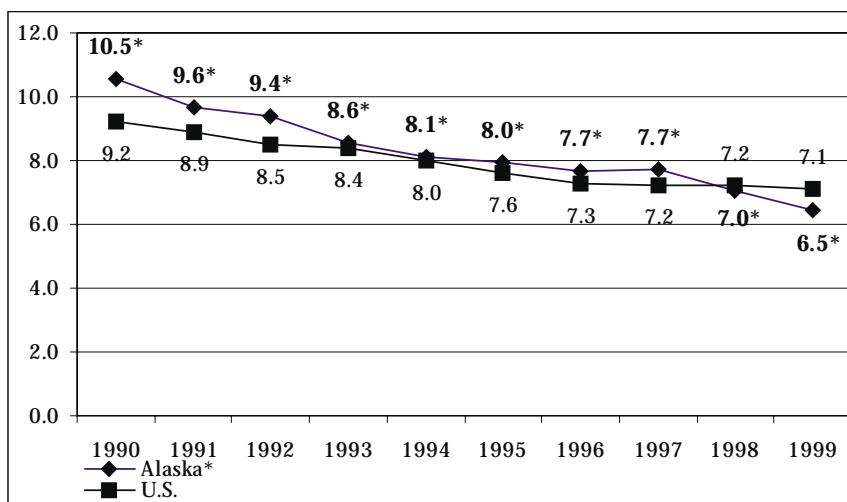
The birth cohort method is more relevant for calculating infant mortality rates because it calculates a rate for a specific group of infants, whereas the death cohort method calculates a rate based on comparing deaths in one year against births in the same year. The death cohort calculation includes infants who died in the report year (1999) but may have been born in the previous year (1998), and excludes infants who were born in the report year but die in the following year.

The total number of infant deaths (death cohort) to resident mothers in 1999 was 55. This is a 9.8 percent decrease from the 61 infant deaths in 1998 and a 56 percent decrease from the 125 infant deaths in 1990. The total number of infant deaths (birth cohort) to resident mothers in 1999 was 57, a 13.6 percent decrease from the 66 infant deaths in 1998 and a 50.0 percent decrease from the 115 infant deaths in 1990.

Since a few additional (or less) infant deaths can cause large fluctuations in the infant mortality rate (IMR) from one year to the next, Alaska's annual IMR is calculated on a three-year moving average. The 1997 to 1999 three-year average IMR (death cohort) was 6.5 deaths per 1,000 live births, down from 7.0 deaths per 1,000 live births for 1996 to 1998. The U.S. infant mortality rate in 1999 was 7.1 deaths per 1,000 live births, which is slightly lower than the rate of 7.2 in 1998. Both the U.S. and Alaska infant mortality rates (Figure 8) have been steadily decreasing in recent years, and both are now at the lowest rates ever recorded.

When discussing infant mortality, a distinction is made between **neonatal mortality** (deaths prior to the 28th day of life) and **postneonatal mortality** (deaths from the 28th day up to one year). Neonatal deaths are frequently associated with circumstances related to pregnancy and delivery while postneonatal deaths are often associated with living conditions. Alaska's neonatal mortality rate has generally been lower than the neonatal mortality rate for the United States (Figure 9), while its postneonatal mortality rate has been higher (Figure 10). The 1997 to 1999 three-year average neonatal mortality rate was 3.1 deaths per 1,000 live births, down from 3.4 deaths per 1,000 live births for 1996 to 1998. The U.S. neonatal mortality rate was 4.7 deaths per 1,000 live births, which is lower than the rate of 4.8 in 1998.

**FIGURE 8 INFANT MORTALITY RATES  
U.S. AND ALASKA, 1990-1999**



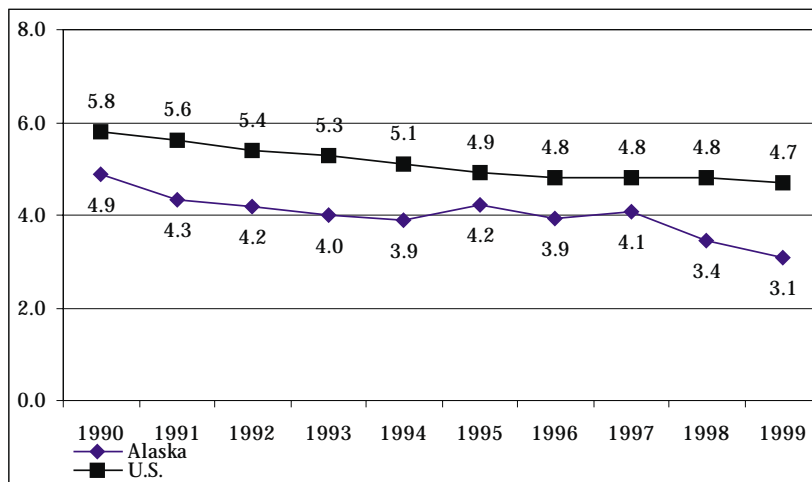
Note: Rates are per 1,000 live births. Alaska rates are three-year moving averages.

The 1997 to 1999 three-year average postneonatal mortality rate was 3.4 deaths per 1,000 live births, down from 3.6 deaths per 1,000 live births for 1996 to 1998. The U.S. postneonatal mortality rate was 2.3 deaths per 1,000 live births, which is slightly lower than the rate of 2.4 in 1998. Since 1990, both the Alaska neonatal and postneonatal mortality rates have declined about 40 percent.

Tables 8 and 9 (page 72) show the number of infant deaths by cause of death. The causes of death came from the 130 selected causes of infant death tabulation list in

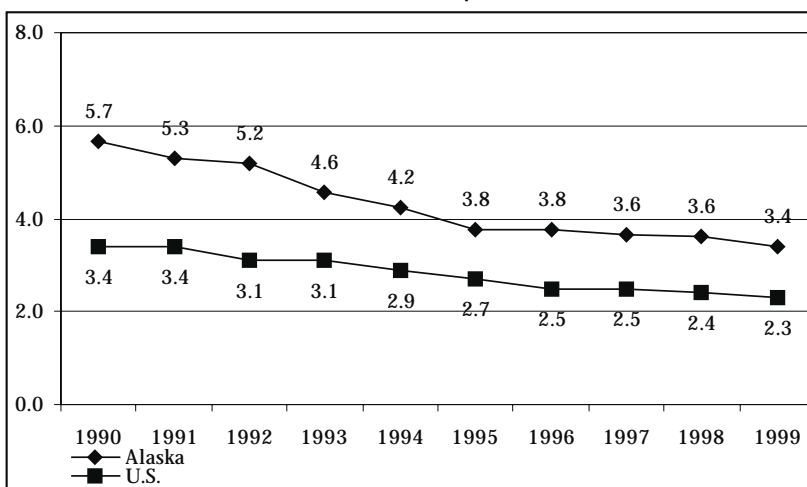
ICD-10. From 1979 to 1998, causes of death were classified using ICD-9. Since changing ICD revisions can cause breaks in cause-of-death statistics, comparability ratios are used to measure the effect of changing ICD revisions. For infant deaths from 1997 to 1998 (ICD-9 cause-of-death classification), comparability ratios were applied to the number of infant deaths. These tables show both the number of comparability-modified and comparability-unmodified infant deaths for the period 1997 to 1999. For further discussion on the implications of changing ICD revisions, please refer to Appendix C.

**FIGURE 9 NEONATAL MORTALITY RATES  
U.S. AND ALASKA, 1990 - 1999**



Note: Rates are per 1,000 live births. Alaska rates are three-year moving averages.

**FIGURE 10 POSTNEONATAL MORTALITY RATES  
U.S. AND ALASKA, 1990-1999**



Note: Rates are per 1,000 live births. Alaska rates are three-year moving averages.

The remaining tables of this chapter show the annual occurrences of fetal and infant deaths to Alaskan residents during 1999 and for the three-year period, 1997 through 1999.

Annual rates and three-year rates for the State as a whole, its 27 census areas or boroughs, and 12 Native Regional Corporations are shown by the race and residence of the infant. Note that the infant's race is

the same as the mother's race. The table of state totals provides birth information for the white, black, Native, and Asian/Pacific Islander races. However, due to the low number of reportable events for some census areas, Native Regional Corporations, or boroughs, fetal and infant deaths by these areas are only shown for the two predominant races in Alaska: Native and white.

1 Crondahl, J., Mitchell, P., Zenk, A., Walden, S. Department of Health and Social Services, Division of Public Health, Alaska Bureau of Vital Statistics 1998 Annual Report, Juneau, Alaska, June 2000, p 9.

2 Zenk, A., Withington, R. Department of Health and Social Services, Division of Public Health, Alaska Bureau of Vital Statistics 1990 Annual Report, Juneau, Alaska, April 1993, p 9.

3 National Center for Health Statistics, U.S. Department of Health and Human Services, "Births, Preliminary Data for 1999", National Vital Statistics Report, Vol. 48, No. 14, August 8, 2000, p. 2.

4 National Center for Health Statistics, U.S. Department of Health and Human Services, "Births, Final Data for 1998", National Vital Statistics Report, Vol. 48, No. 3, March 28, 2000, p 3.

**TABLE 4 FETAL AND INFANT DEATHS (DEATH COHORT) FOR ALASKA:  
1999 AND 1997-1999, BY RACE**

FETAL/INFANT DEATHS	ALL RACES				WHITE				NATIVE			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
FETAL DEATHS	53	5.3	136	4.5	32	4.9	84	4.3	13	5.3	31	4.2
INFANT DEATHS												
NEONATAL												
MALE	10	1.9	58	3.8	3	0.9*	32	3.2	5	3.9*	18	4.8
FEMALE	15	3.1	35	2.4	11	3.6	24	2.5	3	2.5*	9	2.6
TOTAL	25	2.5	93	3.1	14	2.2	56	2.9	8	3.3*	27	3.7
POSTNEONATAL												
MALE	15	2.9	60	3.9	8	2.4*	29	2.9	7	5.5*	22	5.8
FEMALE	15	3.1	40	2.7	6	1.9*	18	1.9	8	6.8*	19	5.4
TOTAL	30	3.0	100	3.4	14	2.2	47	2.4	15	6.1	41	5.6
TOTAL INFANT DEATHS												
MALE	25	4.8	118	7.7	11	3.3	61	6.1	12	9.4	40	10.6
FEMALE	30	6.3	75	5.1	17	5.5	42	4.4	11	9.3	28	8.0
TOTAL	55	5.5	193	6.5	28	4.3	103	5.2	23	9.4	68	9.4

FETAL/INFANT DEATHS	ALL RACES				BLACK				ASIAN/PI			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
FETAL DEATHS	53	5.3	136	4.5	4	9.3*	13	10.1	3	6.6*	7	4.8
INFANT DEATHS												
NEONATAL												
MALE	10	1.9	58	3.8	1	5.2*	4	6.4	1	4.1*	4	5.2
FEMALE	15	3.1	35	2.4	1	4.3*	1	1.5	0	-	1	1.5
TOTAL	25	2.5	93	3.1	2	4.7*	5	3.9	1	2.2*	5	3.5
POSTNEONATAL												
MALE	15	2.9	60	3.9	0	-	6	9.6	0	-	2	2.6
FEMALE	15	3.1	40	2.7	0	-	1	1.5	1	4.8*	2	3.0
TOTAL	30	3.0	100	3.4	0	-	7	5.5	1	2.2*	4	2.8
TOTAL INFANT DEATHS												
MALE	25	4.8	118	7.7	1	5.2*	10	16.1	1	4.1*	6	7.8
FEMALE	30	6.3	75	5.1	1	4.3*	2	3.1	1	4.8*	3	4.5
TOTAL	55	5.5	193	6.5	2	4.7*	12	9.4	2	4.4*	9	6.2

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

**TABLE 5 FETAL AND INFANT DEATHS (BIRTH COHORT) FOR ALASKA:  
1999 AND 1997-1999, BY RACE**

FETAL/INFANT DEATHS	ALL RACES				WHITE				NATIVE			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
FETAL DEATHS	53	5.3	136	4.5	32	4.9	84	4.3	13	5.3	31	4.2
INFANT DEATHS												
NEONATAL												
MALE	10	1.9	58	3.8	3	0.9*	32	3.2	5	3.9*	18	4.8
FEMALE	15	3.1	36	2.5	11	3.6	24	2.5	3	2.5*	10	2.9
TOTAL	25	2.5	94	3.1	14	2.2	56	2.9	8	3.3*	28	3.9
POSTNEONATAL												
MALE	19	3.7	57	3.7	9	2.7*	26	2.6	8	6.3*	22	5.8
FEMALE	13	2.7	41	2.8	4	1.3*	17	1.8	8	6.8*	21	6.0
TOTAL	32	3.2	98	3.3	13	2.0	43	2.2	16	6.5	43	5.9
TOTAL INFANT DEATHS												
MALE	29	5.6	115	7.5	12	3.6	58	5.8	13	10.2	40	10.6
FEMALE	28	5.8	77	5.3	15	4.8	41	4.3	11	9.3	31	8.8
TOTAL	57	5.7	192	6.4	27	4.2	99	5.0	24	9.8	71	9.8

FETAL/INFANT DEATHS	ALL RACES				BLACK				ASIAN/PI			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
FETAL DEATHS	53	5.3	136	4.5	4	9.3*	13	10.1	3	6.6*	7	4.8
INFANT DEATHS												
NEONATAL												
MALE	10	1.9	58	3.8	1	5.2*	4	6.4	1	4.1*	4	5.2
FEMALE	15	3.1	36	2.5	1	4.3*	1	1.5	0	-	1	1.5
TOTAL	25	2.5	94	3.1	2	4.7*	5	3.9	1	2.2*	5	3.5
POSTNEONATAL												
MALE	19	3.7	57	3.7	1	5.2*	6	9.6	1	4.1*	2	2.6
FEMALE	13	2.7	41	2.8	0	-	1	1.5	1	4.8*	2	3.0
TOTAL	32	3.2	98	3.3	1	2.3*	7	5.5	2	4.4*	4	2.8
TOTAL INFANT DEATHS												
MALE	29	5.6	115	7.5	2	10.3*	10	16.1	2	8.3*	6	7.8
FEMALE	28	5.8	77	5.3	1	4.3*	2	3.1	1	4.8*	3	4.5
TOTAL	57	5.7	192	6.4	3	7.0*	12	9.4	3	6.7*	9	6.2

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

**TABLE 6 FETAL AND INFANT DEATHS (DEATH COHORT) FOR ALASKA: 1999 AND 1997-1999 BY RACE AND RESIDENCE**

CENSUS AREA/BOROUGH	ALL RACES				WHITE				NATIVE			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
<b>ALEUTIANS EAST BOROUGH</b>												
FETAL DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
<b>ALEUTIANS WEST CENSUS AREA</b>												
FETAL DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	2	16.1	0	-	1	15.6	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	2	16.1	0	-	1	15.6	0	-	0	-
<b>MUNICIPALITY OF ANCHORAGE</b>												
FETAL DEATHS	22	5.1	54	4.3	17	5.5	37	4.0	0	-	2	1.2
INFANT DEATHS												
NEONATAL	8	1.9*	37	2.9	3	1.0*	24	2.6	2	3.5*	7	4.3
POSTNEONATAL	10	2.3	42	3.3	6	2.0*	18	2.0	3	5.2*	12	7.3
TOTAL INFANT DEATHS	18	4.2	79	6.3	9	2.9*	42	4.6	5	8.7*	19	11.6
<b>BETHEL CENSUS AREA</b>												
FETAL DEATHS	3	6.8*	7	5.5	0	-	0	-	3	7.3*	7	5.9
INFANT DEATHS												
NEONATAL	1	2.3*	5	4.0	0	-	0	-	1	2.4*	5	4.3
POSTNEONATAL	3	6.9*	7	5.5	0	-	0	-	3	7.3*	7	6.0
TOTAL INFANT DEATHS	4	9.2*	12	9.5	0	-	0	-	4	9.8*	12	10.2
<b>BRISTOL BAY BOROUGH</b>												
FETAL DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
<b>DENALI BOROUGH</b>												
FETAL DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
<b>DILLINGHAM CENSUS AREA</b>												
FETAL DEATHS	0	-	1	3.3	0	-	0	-	0	-	1	3.9
INFANT DEATHS												
NEONATAL	1	10.5*	2	6.6	0	-	0	-	1	13.5*	2	7.9
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	1	10.5*	2	6.6	0	-	0	-	1	13.5*	2	7.9
<b>FAIRBANKS NORTH STAR BOROUGH</b>												
FETAL DEATHS	5	3.5*	17	4.0	3	2.8*	12	3.6	2	12.3*	3	7.1
INFANT DEATHS												
NEONATAL	7	4.9*	15	3.5	6	5.6*	11	3.3	1	6.3*	3	7.1
POSTNEONATAL	3	2.1*	9	2.1	3	2.8*	8	2.4	0	-	1	2.4
TOTAL INFANT DEATHS	10	7.1	24	5.6	9	8.4*	19	5.8	1	6.3*	4	9.5
<b>HAINES BOROUGH</b>												
FETAL DEATHS	0	-	1	13.7	0	-	0	-	0	-	1	52.6
INFANT DEATHS												
NEONATAL	2	76.9*	2	27.8	2	142.9*	2	46.5	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	2	76.9*	2	27.8	2	142.9*	2	46.5	0	-	0	-

(Continued⇒)

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.



**TABLE 6 FETAL AND INFANT DEATHS (DEATH COHORT) FOR ALASKA: 1999 AND 1997-1999 BY RACE AND RESIDENCE**

CENSUS AREA/BOROUGH	ALL RACES				WHITE				NATIVE			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
<b>JUNEAU BOROUGH</b>												
FETAL DEATHS	3	7.5*	10	8.3	2	6.9*	8	9.2	0	-	0	-
INFANT DEATHS												
NEONATAL	1	2.5*	4	3.4	1	3.5*	3	3.5	0	-	1	4.3
POSTNEONATAL	0	-	1	0.8	0	-	1	1.2	0	-	0	-
TOTAL INFANT DEATHS	1	2.5*	5	4.2	1	3.5*	4	4.7	0	-	1	4.3
<b>KENAI PENINSULA BOROUGH</b>												
FETAL DEATHS	1	1.5*	7	3.5	1	1.7*	6	3.5	0	-	1	5.3
INFANT DEATHS												
NEONATAL	0	-	3	1.5	0	-	3	1.8	0	-	0	-
POSTNEONATAL	1	1.5*	5	2.5	1	1.7*	5	2.9	0	-	0	-
TOTAL INFANT DEATHS	1	1.5*	8	4.1	1	1.7*	8	4.7	0	-	0	-
<b>KETCHIKAN GATEWAY BOROUGH</b>												
FETAL DEATHS	2	10.3*	2	3.4	2	14.2*	2	4.8	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
POSTNEONATAL	0	-	3	5.2	0	-	3	7.3	0	-	0	-
TOTAL INFANT DEATHS	0	-	3	5.2	0	-	3	7.3	0	-	0	-
<b>KODIAK ISLAND BOROUGH</b>												
FETAL DEATHS	2	7.8*	6	7.7	1	7.4*	5	10.6	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	3	3.9	0	-	1	2.1	0	-	0	-
POSTNEONATAL	1	4.0*	3	3.9	0	-	1	2.1	1	22.2*	2	14.7
TOTAL INFANT DEATHS	1	4.0*	6	7.7	0	-	2	4.3	1	22.2*	2	14.7
<b>LAKE AND PENINSULA BOROUGH</b>												
FETAL DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
POSTNEONATAL	1	33.3*	1	10.6	0	-	0	-	1	47.6*	1	14.9
TOTAL INFANT DEATHS	1	33.3*	1	10.6	0	-	0	-	1	47.6*	1	14.9
<b>MATANUSKA-SUSITNA BOROUGH</b>												
FETAL DEATHS	5	7.2*	9	4.3	5	8.0*	9	4.7	0	-	0	-
INFANT DEATHS												
NEONATAL	1	1.4*	5	2.4	1	1.6*	5	2.6	0	-	0	-
POSTNEONATAL	2	2.9*	8	3.8	1	1.6*	7	3.7	1	18.9*	1	7.2
TOTAL INFANT DEATHS	3	4.3*	13	6.2	2	3.2*	12	6.3	1	18.9*	1	7.2
<b>NOME CENSUS AREA</b>												
FETAL DEATHS	5	22.6*	8	12.7	0	-	0	-	5	25.8*	8	14.3
INFANT DEATHS												
NEONATAL	0	-	3	4.8	0	-	1	14.7	0	-	2	3.6
POSTNEONATAL	0	-	6	9.6	0	-	0	-	0	-	6	10.9
TOTAL INFANT DEATHS	0	-	9	14.4	0	-	1	14.7	0	-	8	14.5
<b>NORTH SLOPE BOROUGH</b>												
FETAL DEATHS	1	7.0*	2	4.6	0	-	0	-	1	8.5*	2	5.4
INFANT DEATHS												
NEONATAL	0	-	1	2.3	0	-	0	-	0	-	1	2.7
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	1	2.3	0	-	0	-	0	-	1	2.7
<b>NORTHWEST ARCTIC BOROUGH</b>												
FETAL DEATHS	3	16.4*	4	7.4	0	-	0	-	2	12.0*	3	6.0
INFANT DEATHS												
NEONATAL	1	5.6*	2	3.7	0	-	0	-	1	6.1*	2	4.0
POSTNEONATAL	1	5.6*	2	3.7	0	-	0	-	1	6.1*	2	4.0
TOTAL INFANT DEATHS	2	11.1*	4	7.4	0	-	0	-	2	12.1*	4	8.1

(Continued⇒)

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

**TABLE 6 FETAL AND INFANT DEATHS (DEATH COHORT) FOR ALASKA: 1999 AND 1997-1999 BY RACE AND RESIDENCE**

CENSUS AREA/BOROUGH	ALL RACES				WHITE				NATIVE			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
<b>PRINCE OF WALES-OUTER</b>												
<b>KETCHIKAN CENSUS AREA</b>												
FETAL DEATHS	0	-	3	11.0	0	-	2	13.2	0	-	1	8.6
INFANT DEATHS												
NEONATAL	0	-	1	3.7	0	-	1	6.7	0	-	0	-
POSTNEONATAL	1	12.3*	3	11.2	0	-	1	6.7	1	28.6*	2	17.4
TOTAL INFANT DEATHS	1	12.3*	4	14.9	0	-	2	13.4	1	28.6*	2	17.4
<b>SITKA BOROUGH</b>												
FETAL DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
INFANT DEATHS												
NEONATAL	1	8.4*	1	3.0	1	11.8*	1	4.4	0	-	0	-
POSTNEONATAL	3	25.2*	3	8.9	1	11.8*	1	4.4	2	71.4*	2	22.0
TOTAL INFANT DEATHS	4	33.6*	4	11.9	2	23.5*	2	8.8	2	71.4*	2	22.0
<b>SKAGWAY-HOONAH-ANGOON CENSUS AREA</b>												
FETAL DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	1	9.9	0	-	1	20.0	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	1	9.9	0	-	1	20.0	0	-	0	-
<b>SOUTHEAST FAIRBANKS CENSUS AREA</b>												
FETAL DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	1	3.3	0	-	1	4.3	0	-	0	-
POSTNEONATAL	2	22.2*	2	6.6	2	28.6*	2	8.6	0	-	0	-
TOTAL INFANT DEATHS	2	22.2*	3	10.0	2	28.6*	3	12.9	0	-	0	-
<b>VALDEZ-CORDOVA CENSUS AREA</b>												
FETAL DEATHS	1	7.6*	1	2.5	1	10.5*	1	3.3	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
<b>WADE HAMPTON CENSUS AREA</b>												
FETAL DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
INFANT DEATHS												
NEONATAL	2	9.6*	4	6.1	0	-	0	-	2	9.8*	4	6.2
POSTNEONATAL	2	9.6*	5	7.6	0	-	0	-	2	9.8*	5	7.8
TOTAL INFANT DEATHS	4	19.2*	9	13.7	0	-	0	-	4	19.5*	9	14.0
<b>WRANGELL-PETERSBURG CENSUS AREA</b>												
FETAL DEATHS	0	-	2	7.4	0	-	2	10.0	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	1	3.7	0	-	1	5.1	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	1	3.7	0	-	1	5.1	0	-	0	-
<b>YAKUTAT BOROUGH</b>												
FETAL DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
<b>YUKON-KOYUKUK CENSUS AREA</b>												
FETAL DEATHS	0	-	2	5.7	0	-	0	-	0	-	2	7.4
INFANT DEATHS												
NEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	0	-	0	-	0	-	0	-	0	-

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

**TABLE 7 FETAL AND INFANT DEATHS (DEATH COHORT) FOR ALASKA: 1999 AND 1997-1999 BY RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

NATIVE REGIONAL CORPORATION	ALL RACES				WHITE				NATIVE			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
<b>AHTNA INCORPORATED</b>												
FETAL DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
<b>ALEUT CORPORATION</b>												
FETAL DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	2	10.6	0	-	1	13.2	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	2	10.6	0	-	1	13.2	0	-	0	-
<b>ARCTIC SLOPE CORPORATION</b>												
FETAL DEATHS	1	7.0*	2	4.6	0	-	0	-	1	8.5*	2	5.4
INFANT DEATHS												
NEONATAL	0	-	1	2.3	0	-	0	-	0	-	1	2.7
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	1	2.3	0	-	0	-	0	-	1	2.7
<b>BERING STRAITS NATIVE CORPORATION</b>												
FETAL DEATHS	5	22.6*	8	12.7	0	-	0	-	5	25.8*	8	14.3
INFANT DEATHS												
NEONATAL	0	-	3	4.8	0	-	1	14.7	0	-	2	3.6
POSTNEONATAL	0	-	6	9.6	0	-	0	-	0	-	6	10.9
TOTAL INFANT DEATHS	0	-	9	14.4	0	-	1	14.7	0	-	8	14.5
<b>BRISTOL BAY NATIVE CORPORATION</b>												
FETAL DEATHS	0	-	1	2.2	0	-	0	-	0	-	1	2.9
INFANT DEATHS												
NEONATAL	1	7.1*	2	4.5	0	-	0	-	1	10.1*	2	5.9
POSTNEONATAL	1	7.1*	1	2.3	0	-	0	-	1	10.1*	1	2.9
TOTAL INFANT DEATHS	2	14.2*	3	6.8	0	-	0	-	2	20.2*	3	8.8
<b>CALISTA CORPORATION</b>												
FETAL DEATHS	3	4.6*	7	3.6	0	-	0	-	3	4.9*	7	3.8
INFANT DEATHS												
NEONATAL	3	4.7*	9	4.7	0	-	0	-	3	4.9*	9	5.0
POSTNEONATAL	5	7.8*	12	6.3	0	-	0	-	5	8.1*	12	6.6
TOTAL INFANT DEATHS	8	12.4*	21	10.9	0	-	0	-	8	13.0*	21	11.6

(Continued=>)

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

**TABLE 7 FETAL AND INFANT DEATHS (DEATH COHORT) FOR ALASKA: 1999 AND 1997-1999 BY RACE AND NATIVE REGIONAL CORPORATION OF RESIDENCE**

NATIVE REGIONAL CORPORATION	ALL RACES				WHITE				NATIVE			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
<b>CHUGACH ALASKA CORPORATION</b>												
FETAL DEATHS	1	5.4*	2	3.9	1	8.3*	2	5.5	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
POSTNEONATAL	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INFANT DEATHS	0	-	0	-	0	-	0	-	0	-	0	-
<b>COOK INLET REGIONAL CORPORATION</b>												
FETAL DEATHS	28	5.0	69	4.2	23	5.4	51	4.0	0	-	3	1.6
INFANT DEATHS												
NEONATAL	9	1.6*	45	2.7	4	0.9*	32	2.5	2	3.1*	7	3.8
POSTNEONATAL	13	2.3	55	3.3	8	1.9*	30	2.4	4	6.2*	13	7.0
TOTAL INFANT DEATHS	22	4.0	100	6.1	12	2.8	62	4.9	6	9.3*	20	10.8
<b>DOYON LIMITED</b>												
FETAL DEATHS	5	3.1*	19	3.8	3	2.5*	12	3.3	2	7.7*	5	6.7
INFANT DEATHS												
NEONATAL	7	4.3*	16	3.2	6	5.1*	12	3.3	1	3.9*	3	4.0
POSTNEONATAL	5	3.1*	11	2.2	5	4.2*	10	2.7	0	-	1	1.3
TOTAL INFANT DEATHS	12	7.3	27	5.4	11	9.3	22	6.0	1	3.9*	4	5.4
<b>KONIAG INCORPORATED</b>												
FETAL DEATHS	2	7.8*	6	7.7	1	7.4*	5	10.6	0	-	0	-
INFANT DEATHS												
NEONATAL	0	-	3	3.9	0	-	1	2.1	0	-	0	-
POSTNEONATAL	1	4.0*	3	3.9	0	-	1	2.1	1	22.2*	2	14.7
TOTAL INFANT DEATHS	1	4.0*	6	7.7	0	-	2	4.3	1	22.2*	2	14.7
<b>NANA REGIONAL CORPORATION</b>												
FETAL DEATHS	3	16.4*	4	7.4	0	-	0	-	2	12.0*	3	6.0
INFANT DEATHS												
NEONATAL	1	5.6*	2	3.7	0	-	0	-	1	6.1*	2	4.0
POSTNEONATAL	1	5.6*	2	3.7	0	-	0	-	1	6.1*	2	4.0
TOTAL INFANT DEATHS	2	11.1*	4	7.4	0	-	0	-	2	12.1*	4	8.1
<b>SEALASKA CORPORATION</b>												
FETAL DEATHS	5	5.4*	18	6.3	4	6.2*	14	7.1	0	-	2	2.9
INFANT DEATHS												
NEONATAL	4	4.3*	10	3.5	4	6.3*	9	4.6	0	-	1	1.4
POSTNEONATAL	4	4.3*	10	3.5	1	1.6*	6	3.1	3	13.3*	4	5.8
TOTAL INFANT DEATHS	8	8.6*	20	7.1	5	7.8*	15	7.7	3	13.3*	5	7.2

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

**TABLE 8 INFANT DEATHS (DEATH COHORT) FOR SELECTED CAUSES OF DEATH BY AGE  
ALASKA: 1999 AND 1997-1999**

CAUSE OF DEATH	1999		97-99		97-99	
	NEONATAL	POSTNEONATAL	COMPARABILITY-MODIFIED		COMPARABILITY-UNMODIFIED	
			NEONATAL	POSTNEONATAL	NEONATAL	POSTNEONATAL
UNINTENTIONAL INJURIES	0	0	1	3	1	3
ACUTE BRONCHITIS/BRONCHIOLITIS	0	0	1	2	1	2
ASSAULT (HOMICIDE)	0	2	0	7	0	7
COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	1	0	7	0	7	0
CONGENITAL MALFORMATIONS	10	5	25	16	27	17
DISEASES OF THE BLOOD AND BLOOD FORMING ORGANS	0	0	1	0	1	0
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	2	0	5	0	5	0
INFLUENZA AND PNEUMONIA	0	2	0	4	0	5
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	0	0	6	0	4	0
NEWBORN AFFECTED BY MATERNAL COMPLICATIONS	1	0	4	0	4	0
OTHER COMPLICATIONS OF LABOR AND DELIVERY	1	0	5	0	3	0
OTHER RESPIRATORY CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1	0	2	1	2	1
RESPIRATORY DISTRESS OF NEWBORN	2	0	7	0	7	0
SEPTICEMIA	0	0	0	3	0	2
SHORT GESTATION/LOW BIRTH WEIGHT	4	0	15	1	14	1
SIDS	2	10	3	37	3	36
ALL OTHER CAUSES	1	11	11	26	14	26
TOTAL	25	30	93	100	93	100

**TABLE 9 INFANT DEATHS (BIRTH COHORT) FOR SELECTED CAUSES OF DEATH BY AGE  
ALASKA: 1999 AND 1997-1999**

CAUSE OF DEATH	1999		97-99		97-99	
	NEONATAL	POSTNEONATAL	COMPARABILITY-MODIFIED		COMPARABILITY-UNMODIFIED	
			NEONATAL	POSTNEONATAL	NEONATAL	POSTNEONATAL
UNINTENTIONAL INJURIES	1	1	2	3	2	3
ACUTE BRONCHITIS/BRONCHIOLITIS	0	0	1	1	1	1
ASSAULT (HOMICIDE)	0	4	0	8	0	8
COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	1	0	7	0	7	0
CONGENITAL MALFORMATIONS	10	5	25	16	27	17
DISEASES OF THE BLOOD AND BLOOD FORMING ORGANS	0	1	1	1	1	1
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	2	0	5	0	5	0
INFLUENZA AND PNEUMONIA	0	1	0	3	0	4
INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	0	0	6	0	4	0
NEWBORN AFFECTED BY MATERNAL COMPLICATIONS	1	0	4	0	4	0
OTHER COMPLICATIONS OF LABOR AND DELIVERY	1	0	5	0	3	0
OTHER RESPIRATORY CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	1	0	2	1	2	1
RESPIRATORY DISTRESS OF NEWBORN	2	0	7	0	7	0
SEPTICEMIA	0	0	0	3	0	2
SHORT GESTATION/LOW BIRTH WEIGHT	4	0	15	1	14	1
SIDS	1	10	3	33	3	32
ALL OTHER CAUSES	1	10	11	28	14	28
TOTAL	25	32	94	98	94	98

\* Causes of death for 1997 to 1998 are classified using ICD-9 and causes of death for 1999 are classified using ICD-10. Causes-of-death tabulations are based on the 130 selected causes of infant death in ICD-10. Comparability-modified deaths are rounded to the nearest individual. For more information on cause-of-death coding, see Appendix C.

# CHILD AND ADOLESCENT DEATHS



*"Kittiwakes, St. George"*  
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## INTRODUCTION

This chapter provides information on deaths to children and adolescents from 0 to 19 years of age. Deaths and death rates are reported by the following age groups: less than 1 year, 1 to 4 years, 5 to 9 years, 10 to 14 years, 15 to 19 years, and the total number of child and adolescent deaths. Note that for infants less than 1 year

of age (at the statewide level only), infant death rates are reported. Infant death rates are different than the infant mortality rates reported in Chapter 2. Infant mortality rates are based on the number of live births, while infant death rates are based on the estimated population under 1 year of age.

Statewide child and adolescent deaths and death rates are reported by age group and the sex and race of the child or adolescent. However, due to the low number of reportable events for most areas, child and adolescent deaths by census area, borough, and Native Regional Corporation are only reported by age group. Also, since population estimates for infants less than one year of age are only available at the statewide level, the death rates for this age group are not reported by census area (borough). Infant mortality rates by census area (borough) are available in Chapter 2. Since population estimates are not available by Native Regional Corporation and age group, rates are not reported in Table 13.

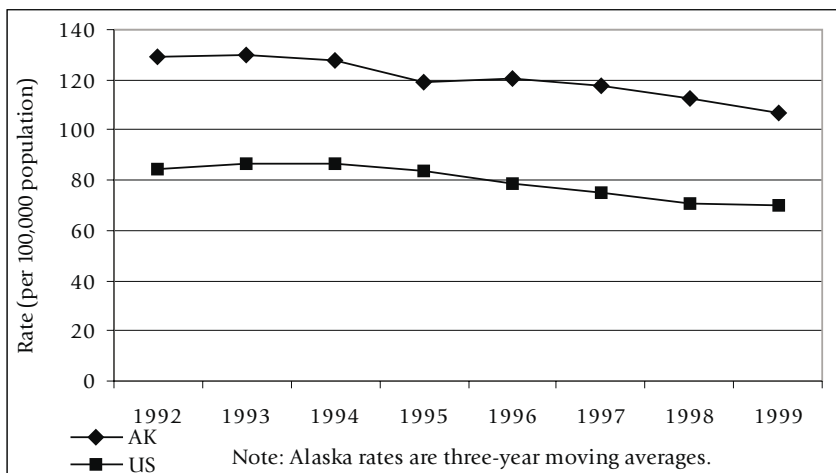
Death rates for Alaskan adolescents are higher than the corresponding U.S. rates (Table 10). Although both the U.S. and Alaska death rates for adolescents age 15 to 19 (Figure 11) have declined since 1992 (17.3 percent and 17.2 percent, respectively), the Alaska rate is still approximately 50 percent higher than the U.S. rate. Alaskan teens in this age group are more likely to die from unintentional injuries and suicides, compared with the U.S. From 1992 to 1999, the suicide rate for this age group in Alaska was over 2.5 times the national rate and the unintentional injury rate was 40 percent higher than the U.S.

**TABLE 10 AGE-SPECIFIC ADOLESCENT DEATH RATES  
ALASKA AND THE U.S. : 1992 - 1999**

	1992	1993	1994	1995	1996	1997	1998	1999
Alaska								
1-4	50.9	51.9	54.5	55.3	52.0	56.0	48.3	45.7
5-9	24.4	24.4	20.9	23.6	21.7	25.2	23.4	23.6
10-14	34.1	38.4	36.8	37.8	28.4	33.6	32.0	27.8
15-19	129.3	129.7	127.9	118.8	120.3	117.4	112.4	106.9
1-19	55.1	56.3	55.2	54.8	51.8	54.8	51.6	49.0
U.S.								
1-4	43.6	44.8	42.9	40.6	38.3	35.8	34.6	34.7
5-9	20.4	21.1	19.9	19.7	19.4	18.5	17.7	17.4
10-14	24.6	25.6	25.2	25.5	24.0	23.2	22.1	21.1
15-19	84.3	86.9	86.8	83.5	78.6	74.8	70.6	69.8
1-19	42.5	43.8	43.0	41.8	39.9	38.0	36.3	35.8

\*Rates are per 100,000 population. Alaska rates are three year averages.

**FIGURE 11 DEATH RATES FOR ADOLESCENTS AGE 15-19  
ALASKA AND THE U.S. : 1992 - 1999**



The remaining tables in this chapter show the annual occurrences of adolescent deaths to Alaskan residents during 1999 and for the three-year period 1997 through 1999. Selected causes of death by age group are shown in Table 14 (pages 79-81). From 1979 to 1998, causes of death were classified using ICD-9. Since changing ICD revisions can cause breaks in cause-of-death statistics, comparability ratios are used to measure the effect of changing ICD revisions. For adolescent deaths from 1997 to 1998 (ICD-9 cause-of-death classification), comparability ratios were applied to the number of adolescent deaths. Table 14 shows both the number of comparability- modified and comparability-unmodified deaths for the period 1997 to 1999. For further discussion on the implications of changing ICD revisions, please refer to Appendix C.

**TABLE 11 CHILD AND ADOLESCENT DEATHS FOR ALASKA: 1999 AND 1997-1999 BY RACE AND SEX**

RACE/SEX	AGE GROUP											
	<1				1-4				5-9			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
TOTAL DEATHS	55	552.6	193	640.8	17	41.3	57	45.7	11	19.8	40	23.6
BY RACE												
ASIAN/PI	2	20.1*	9	29.9	1	2.4*	3	2.4	0	-	0	-
BLACK	2	471.7*	12	925.2	0	-	0	-	0	-	1	12.1
NATIVE	23	975.4	68	965.2	10	110.0	28	101.0	6	45.8*	20	50.4
WHITE	28	427.5	103	515.7	6	21.5*	26	30.8	5	13.6*	19	16.8
BY SEX												
FEMALE	30	616.8	75	510.1	6	30.1*	24	39.3	6	22.0*	18	21.7
MALE	25	491.3	118	765.4	11	51.9	33	51.7	5	17.7*	22	25.4

RACE/SEX	AGE GROUP											
	10-14				15-19				0-19			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
TOTAL DEATHS	8	14.3*	46	27.8	54	110.7	152	106.9	145	68.6	488	77.2
BY RACE												
ASIAN/PI	0	-	2	1.2	1	2.0*	8	5.6	4	1.9*	22	3.5
BLACK	0	-	1	13.6	3	122.7*	5	69.5	5	51.2*	19	64.3
NATIVE	3	24.7*	14	39.3	29	280.6	73	246.7	71	150.9	203	145.4
WHITE	5	12.9*	29	25.2	21	61.9	66	66.4	65	45.1	243	56.2
BY SEX												
FEMALE	3	11.0*	16	19.9	14	59.7	36	52.9	59	57.4	169	55.0
MALE	5	17.4*	30	35.4	40	158.0	116	156.5	86	79.1	319	98.2

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution. Rates are per 100,000 population.



**TABLE 12 CHILD AND ADOLESCENT DEATHS FOR ALASKA: 1999 AND 1997-1999  
BY CENSUS AREA OR BOROUGH OF RESIDENCE**

CENSUS AREA/BOROUGH	AGE GROUP											
	0-4				5-9				10-14			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
ALEUTIANS EAST BOROUGH	0	-	0	-	0	-	0	-	0	-	0	-
ALEUTIANS WEST CENSUS AREA	2	445.4*	4	289.6	1	255.8*	1	82.9	0	-	0	-
MUNICIPALITY OF ANCHORAGE	22	102.4	98	149.0	3	13.3*	14	20.3	2	9.3*	14	22.0
BETHEL CENSUS AREA	6	303.5*	19	319.3	2	98.9*	3	49.8	0	-	5	96.2
BRISTOL BAY BOROUGH	0	-	0	-	0	-	0	-	0	-	0	-
DENALI BOROUGH	0	-	1	306.7	0	-	0	-	0	-	0	-
DILLINGHAM CENSUS AREA	2	395.3*	3	195.4	1	178.3*	1	58.5	0	-	1	67.5
FAIRBANKS NORTH STAR BOROUGH	12	161.3	30	133.2	1	13.3*	4	17.5	0	-	6	27.4
HAINES BOROUGH	2	1574.8*	2	506.3	0	-	0	-	0	-	0	-
JUNEAU BOROUGH	1	44.8*	6	95.8	0	-	0	-	0	-	0	-
KENAI PENINSULA BOROUGH	2	61.5*	14	140.9	1	25.5*	7	57.5	0	-	2	14.7
KETCHIKAN GATEWAY BOROUGH	0	-	4	136.8	1	93.5*	1	29.6	0	-	1	29.0
KODIAK ISLAND BOROUGH	1	76.2*	6	154.6	0	-	0	-	0	-	0	-
LAKE AND PENINSULA BOROUGH	1	574.7*	3	541.5	0	-	0	-	0	-	0	-
MATANUSKA-SUSITNA BOROUGH	4	105.1*	16	141.7	0	-	0	-	3	53.3*	9	54.4
NOME CENSUS AREA	2	203.0*	12	400.4	0	-	3	86.3	1	96.8*	2	66.5
NORTH SLOPE BOROUGH	0	-	2	92.9	0	-	2	70.2	0	-	2	79.4
NORTHWEST ARCTIC BOROUGH	3	366.7*	6	248.9	0	-	1	35.1	0	-	0	-
PRINCE OF WALES-OUTER KETCHIKAN CENSUS AREA	1	210.1*	4	262.5	0	-	0	-	0	-	0	-
SITKA BOROUGH	4	701.8*	4	223.2	0	-	0	-	0	-	0	-
SKAGWAY-HOONAH-ANGOON CENSUS AREA	0	-	1	159.7	0	-	0	-	0	-	0	-
SOUTHEAST FAIRBANKS CENSUS AREA	2	392.9*	3	190.0	0	-	0	-	0	-	1	55.9
VALDEZ-CORDOVA CENSUS AREA	0	-	0	-	0	-	1	40.2	0	-	1	35.1
WADE HAMPTON CENSUS AREA	4	390.2*	10	322.3	1	94.4*	2	62.1	1	108.5*	1	37.5
WRANGELL-PETERSBURG CENSUS AREA	0	-	1	69.7	0	-	0	-	0	-	0	-
YAKUTAT BOROUGH	0	-	0	-	0	-	0	-	0	-	0	-
YUKON-KOYUKUK CENSUS AREA	1	198.4*	1	66.5	0	-	0	-	1	139.7*	1	47.8
ALASKA	72	140.9	250	161.3	11	19.8	40	23.6	8	14.3*	46	27.8

(Continued⇒)

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.  
Population estimates are not available for infants less than one year of age by census area, so deaths and death rates for this age group are not reported.  
Rates are per 100,000 population.

**TABLE 12 CHILD AND ADOLESCENT DEATHS FOR ALASKA: 1999 AND 1997-1999  
BY CENSUS AREA OR BOROUGH OF RESIDENCE**

CENSUS AREA/BOROUGH	AGE GROUP							
	15-19				0-19			
	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE	1999 DEATHS	1999 RATE	97-99 DEATHS	97-99 RATE
ALEUTIANS EAST BOROUGH	0	-	1	177.6	0	-	1	43.6
ALEUTIANS WEST CENSUS AREA	0	-	0	-	3	202.4*	5	110.9
MUNICIPALITY OF ANCHORAGE	22	117.6	48	87.1	49	58.1	174	68.7
BETHEL CENSUS AREA	4	286.9*	7	174.4	12	167.3	34	160.5
BRISTOL BAY BOROUGH	1	1020.4*	1	361.0	1	225.7*	1	74.5
DENALI BOROUGH	0	-	0	-	0	-	1	62.9
DILLINGHAM CENSUS AREA	0	-	2	186.0	3	152.0*	7	120.7
FAIRBANKS NORTH STAR BOROUGH	6	96.0*	13	71.3	19	66.5	53	62.0
HAINES BOROUGH	0	-	0	-	2	298.5*	2	96.8
JUNEAU BOROUGH	1	38.3*	5	73.4	2	19.5*	11	39.2
KENAI PENINSULA BOROUGH	2	46.9*	10	80.7	5	31.3*	33	68.6
KETCHIKAN GATEWAY BOROUGH	0	-	2	63.4	1	24.0*	8	62.0
KODIAK ISLAND BOROUGH	0	-	2	65.0	1	20.2*	8	54.5
LAKE AND PENINSULA BOROUGH	1	584.8*	1	199.6	2	266.7*	4	174.1
MATANUSKA-SUSITNA BOROUGH	2	38.5*	10	66.5	9	46.5*	35	61.1
NOME CENSUS AREA	3	387.6*	6	264.6	6	152.8*	23	195.8
NORTH SLOPE BOROUGH	1	150.6*	5	272.9	1	31.5*	11	117.6
NORTHWEST ARCTIC BOROUGH	3	477.7*	9	496.1	6	187.4*	16	168.0
PRINCE OF WALES-OUTER KETCHIKAN CENSUS AREA	1	172.4*	1	57.1	2	91.4*	5	72.3
SITKA BOROUGH	0	-	3	149.5	4	154.6*	7	88.7
SKAGWAY-HOONAH-ANGOON CENSUS AREA	0	-	0	-	0	-	1	30.6
SOUTHEAST FAIRBANKS CENSUS AREA	1	188.0*	5	300.8	3	136.6*	9	132.5
VALDEZ-CORDOVA CENSUS AREA	0	-	1	41.4	0	-	3	30.5
WADE HAMPTON CENSUS AREA	3	471.7*	10	554.9	9	247.1*	23	213.2
WRANGELL-PETERSBURG CENSUS AREA	1	182.8*	2	121.9	1	44.4*	3	44.0
YAKUTAT BOROUGH	0	-	0	-	0	-	0	-
YUKON-KOYUKUK CENSUS AREA	2	341.3*	8	453.8	4	166.5*	10	136.8
ALASKA	54	110.7	152	106.9	145	68.6	488	77.2

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution. Population estimates are not available for infants less than one year of age by census area, so deaths and death rates for this age group are not reported. Rates are per 100,000 population.

**TABLE 13 CHILD AND ADOLESCENT DEATHS FOR ALASKA: 1999 AND 1997-1999  
BY NATIVE REGIONAL CORPORATION**

NATIVE REGIONAL CORPORATION	AGE GROUP									
	0-4		5-9		10-14		15-19		0-19	
	1999 DEATHS	97-99 DEATHS	1999 DEATHS	97-99 DEATHS	1999 DEATHS	97-99 DEATHS	1999 DEATHS	97-99 DEATHS	1999 DEATHS	97-99 DEATHS
AHTNA INCORPORATED	0	0	0	0	0	0	0	0	0	0
ALEUT CORPORATION	2	4	1	1	0	0	0	1	3	6
ARCTIC SLOPE CORPORATION	0	2	0	2	0	2	1	5	1	11
BERING STRAITS NATIVE CORPORATION	2	12	0	3	1	2	3	6	6	23
BRISTOL BAY NATIVE CORPORATION	3	5	1	1	0	1	2	4	6	11
CALISTA CORPORATION	10	29	3	5	1	6	7	17	21	57
CHUGACH ALASKA CORPORATION	0	1	0	1	0	1	0	3	0	6
COOK INLET REGIONAL CORPORATION	28	128	4	21	5	25	26	66	63	240
DOYON LIMITED	15	35	1	4	1	8	9	26	26	73
KONIAG INCORPORATED	1	6	0	0	0	0	0	2	1	8
NANA REGIONAL CORPORATION	3	6	0	1	0	0	3	9	6	16
SEALASKA CORPORATION	16	44	2	2	0	2	6	26	24	74
ALASKA	72	250	11	40	8	46	54	152	145	488

Rates are not calculated since population estimates by Native Regional Corporation and age group are not available.

**TABLE 14 CHILD AND ADOLESCENT DEATHS FOR ALASKA: 1999 AND 1997-1999  
BY AGE GROUP AND SELECTED CAUSES OF DEATH**

CAUSE OF DEATH	AGE GROUP											
	<1						1-4					
			COMPARABILITY MODIFIED		COMPARABILITY UNMODIFIED				COMPARABILITY MODIFIED		COMPARABILITY UNMODIFIED	
	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 DEATHS	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	1999 DEATHS	97-99 %
<b>NATURAL CAUSES</b>												
CEREBROVASCULAR DISEASE	1	1.8	2	1.0	2	1.0	0	-	0	-	0	-
CHRONIC LOWER RESPIRATORY DISEASE	0	-	0	-	0	-	1	5.9	1	1.8	1	1.8
CONGENITAL MALFORMATIONS	15	27.3	40	20.7	44	22.8	1	5.9	5	8.8	6	10.5
HEART DISEASE	0	-	4	2.1	4	2.1	0	-	0	-	0	-
INFECTIOUS AND PARASITIC DISEASES	0	-	2	1.0	2	1.0	3	17.6	4	7.0	4	7.0
MALIGNANT NEOPLASMS	0	-	0	-	0	-	2	11.8	3	5.3	3	5.3
OTHER RESPIRATORY DISEASE	0	-	2	1.0	2	1.0	0	-	1	1.8	1	1.8
PERINATAL CONDITIONS	13	23.6	60	31.1	57	29.5	0	-	0	-	0	-
PNEUMONIA	2	3.6	4	2.1	5	2.6	0	-	0	-	0	-
SIDS	12	21.8	39	20.2	39	20.2	0	-	0	-	0	-
ALL OTHER NATURAL CAUSES	7	12.7	24	12.4	22	11.4	1	5.9	12	21.1	11	19.3
TOTAL NATURAL CAUSES	50	90.9	177	91.7	177	91.7	8	47.1	26	45.6	26	45.6
<b>UNINTENTIONAL INJURY</b>												
DISCHARGE OF FIREARMS	0	-	0	-	0	-	0	-	0	-	0	-
DROWNING	0	-	1	0.5	1	0.5	0	-	2	3.5	2	3.5
EXPOSURE TO SMOKE, FIRE, AND FLAMES	0	-	0	-	0	-	0	-	3	5.3	3	5.3
FALLS	0	-	0	-	0	-	0	-	0	-	0	-
MOTOR VEHICLE	0	-	0	-	0	-	3	17.6	11	19.3	12	21.1
OTHER TRANSPORT ACCIDENTS	0	-	2	1.0	2	1.0	0	-	3	5.3	3	5.3
POISONING	0	-	0	-	0	-	2	11.8	2	3.5	2	3.5
ALL OTHER UNINTENTIONAL INJURIES	0	-	1	0.5	1	0.5	1	5.9	3	5.3	2	3.5
TOTAL UNINTENTIONAL INJURY	0	-	4	2.1	4	2.1	6	35.3	24	42.1	24	42.1
<b>INTENTIONAL INJURIES</b>												
<b>HOMICIDE</b>												
BY DISCHARGE OF FIREARMS	1	1.8	1	0.5	1	0.5	2	11.8	2	3.5	2	3.5
BY OTHER AND UNSPECIFIED MEANS	1	1.8	6	3.1	6	3.1	0	-	3	5.3	3	5.3
TOTAL HOMICIDE	2	3.6	7	3.6	7	3.6	2	11.8	5	8.8	5	8.8
<b>INTENTIONAL SELF-HARM (SUICIDE)</b>												
BY DISCHARGE OF FIREARMS	0	-	0	-	0	-	0	-	0	-	0	-
BY OTHER AND UNSPECIFIED MEANS	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INTENTIONAL SELF-HARM (SUICIDE)	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL INTENTIONAL INJURY	2	3.6	7	3.6	7	3.6	2	11.8	5	8.8	5	8.8
<b>OTHER INTENT</b>												
COMPLICATIONS OF MEDICAL CARE	0	-	1	0.5	1	0.5	0	-	0	-	0	-
DISCHARGE OF FIREARMS, UNKNOWN INTENT	0	-	0	-	0	-	0	-	0	-	0	-
OTHER UNDETERMINED INTENT	3	5.5	4	2.1	4	2.1	1	5.9	2	3.5	2	3.5
UNKNOWN CAUSE	0	-	0	-	0	-	0	-	0	-	0	-
TOTAL	3	5.5	5	2.6	5	2.6	1	5.9	2	3.5	2	3.5
TOTAL DEATHS	55	100.0	193	100.0	193	100.0	17	100.0	57	100.0	57	100.0

(Continued⇒)

**TABLE 14 CHILD AND ADOLESCENT DEATHS FOR ALASKA: 1999 AND 1997-1999  
BY AGE GROUP AND SELECTED CAUSES OF DEATH**

CAUSE OF DEATH	AGE GROUP											
	5-9						10-14					
			COMPARABILITY MODIFIED		COMPARABILITY UNMODIFIED				COMPARABILITY MODIFIED		COMPARABILITY UNMODIFIED	
	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 DEATHS	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	1999 DEATHS	97-99 %
<b>NATURAL CAUSES</b>												
CEREBROVASCULAR DISEASE	0	-	0	-	0	-	0	-	0	-	0	-
CHRONIC LOWER RESPIRATORY DISEASE	0	-	0	-	0	-	0	-	1	2.2	1	2.2
CONGENITAL MALFORMATIONS	2	18.2	2	5.0	2	5.0	0	-	1	2.2	1	2.2
HEART DISEASE	0	-	1	2.5	1	2.5	0	-	2	4.3	2	4.3
INFECTIOUS AND PARASITIC DISEASES	0	-	2	5.0	2	5.0	0	-	0	-	0	-
MALIGNANT NEOPLASMS	1	9.1	3	7.5	3	7.5	1	12.5	7	15.2	7	15.2
OTHER RESPIRATORY DISEASE	0	-	1	2.5	1	2.5	0	-	0	-	0	-
PERINATAL CONDITIONS	0	-	0	-	0	-	0	-	0	-	0	-
PNEUMONIA	0	-	0	-	0	-	1	12.5	1	2.2	1	2.2
SIDS	0	-	0	-	0	-	0	-	0	-	0	-
ALL OTHER NATURAL CAUSES	1	9.1	4	10.0	4	10.0	1	12.5	6	13.0	6	13.0
TOTAL NATURAL CAUSES	4	36.4	13	32.5	13	32.5	3	37.5	18	39.1	18	39.1
<b>UNINTENTIONAL INJURY</b>												
DISCHARGE OF FIREARMS	0	-	1	2.5	1	2.5	0	-	1	2.2	1	2.2
DROWNING	1	9.1	4	10.0	4	10.0	0	-	2	4.3	2	4.3
EXPOSURE TO SMOKE, FIRE, AND FLAMES	0	-	1	2.5	1	2.5	0	-	4	8.7	4	8.7
FALLS	0	-	0	-	0	-	0	-	1	2.2	1	2.2
MOTOR VEHICLE	2	18.2	6	15.0	7	17.5	1	12.5	7	15.2	8	17.4
OTHER TRANSPORT ACCIDENTS	0	-	4	10.0	4	10.0	0	-	2	4.3	2	4.3
POISONING	1	9.1	4	10.0	4	10.0	0	-	0	-	0	-
ALL OTHER UNINTENTIONAL INJURIES	1	9.1	3	7.5	2	5.0	1	12.5	3	6.5	2	4.3
TOTAL UNINTENTIONAL INJURY	5	45.5	23	57.5	23	57.5	2	25.0	20	43.5	20	43.5
<b>INTENTIONAL INJURIES</b>												
<b>HOMICIDE</b>												
BY DISCHARGE OF FIREARMS	2	18.2	3	7.5	3	7.5	0	-	2	4.3	2	4.3
BY OTHER AND UNSPECIFIED MEANS	0	-	0	-	0	-	1	12.5	1	2.2	1	2.2
TOTAL HOMICIDE	2	18.2	3	7.5	3	7.5	1	12.5	3	6.5	3	6.5
<b>INTENTIONAL SELF-HARM (SUICIDE)</b>												
BY DISCHARGE OF FIREARMS	0	-	0	-	0	-	1	12.5	2	4.3	2	4.3
BY OTHER AND UNSPECIFIED MEANS	0	-	1	2.5	1	2.5	0	-	1	2.2	1	2.2
TOTAL INTENTIONAL SELF-HARM (SUICIDE)	0	-	1	2.5	1	2.5	1	12.5	3	6.5	3	6.5
TOTAL INTENTIONAL INJURY	2	18.2	4	10.0	4	10.0	2	25.0	6	13.0	6	13.0
<b>OTHER INTENT</b>												
COMPLICATIONS OF MEDICAL CARE	0	-	0	-	0	-	0	-	0	-	0	-
DISCHARGE OF FIREARMS, UNKNOWN INTENT	0	-	0	-	0	-	0	-	1	2.2	1	2.2
OTHER UNDETERMINED INTENT	0	-	0	-	0	-	0	-	0	-	0	-
UNKNOWN CAUSE	0	-	0	-	0	-	1	12.5	1	2.2	1	2.2
TOTAL	0	-	0	-	0	-	1	12.5	2	4.3	2	4.3
TOTAL DEATHS	11	100.0	40	100.0	40	100.0	8	100.0	46	100.0	46	100.0

(Continued⇒)

**TABLE 14 CHILD AND ADOLESCENT DEATHS FOR ALASKA: 1999 AND 1997-1999  
BY AGE GROUP AND SELECTED CAUSES OF DEATH**

CAUSE OF DEATH	AGE GROUP											
	15-19						0-19					
			COMPARABILITY MODIFIED		COMPARABILITY UNMODIFIED				COMPARABILITY MODIFIED		COMPARABILITY UNMODIFIED	
	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 DEATHS	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	1999 DEATHS	97-99 %
NATURAL CAUSES												
CEREBROVASCULAR DISEASE	0	-	0	-	0	-	1	0.7	2	0.4	2	0.4
CHRONIC LOWER RESPIRATORY DISEASE	0	-	1	0.7	1	0.7	1	0.7	3	0.6	3	0.6
CONGENITAL MALFORMATIONS	1	1.9	1	0.7	1	0.7	19	13.1	49	10.0	54	11.1
HEART DISEASE	0	-	1	0.7	1	0.7	0	-	8	1.6	8	1.6
INFECTIOUS AND PARASITIC DISEASES	0	-	2	1.3	2	1.3	3	2.1	11	2.3	10	2.0
MALIGNANT NEOPLASMS	4	7.4	9	5.9	9	5.9	8	5.5	22	4.5	22	4.5
OTHER RESPIRATORY DISEASE	0	-	0	-	0	-	0	-	5	1.0	4	0.8
PERINATAL CONDITIONS	0	-	0	-	0	-	13	9.0	60	12.3	57	11.7
PNEUMONIA	1	1.9	1	0.7	1	0.7	4	2.8	6	1.2	7	1.4
SIDS	0	-	0	-	0	-	12	8.3	39	8.0	39	8.0
ALL OTHER NATURAL CAUSES	6	11.1	7	4.6	7	4.6	16	11.0	51	10.5	50	10.2
TOTAL NATURAL CAUSES	12	22.2	22	14.5	22	14.5	77	53.1	256	52.5	256	52.5
UNINTENTIONAL INJURY												
DISCHARGE OF FIREARMS	1	1.9	4	2.6	4	2.6	1	0.7	6	1.2	6	1.2
DROWNING	4	7.4	9	5.9	9	5.9	5	3.4	18	3.7	18	3.7
EXPOSURE TO SMOKE, FIRE, AND FLAMES	0	-	0	-	0	-	0	-	8	1.6	8	1.6
FALLS	0	-	1	0.7	1	0.7	0	-	2	0.4	2	0.4
MOTOR VEHICLE	11	20.4	29	19.1	32	21.1	17	11.7	53	10.9	59	12.1
OTHER TRANSPORT ACCIDENTS	0	-	8	5.3	8	5.3	0	-	19	3.9	19	3.9
POISONING	1	1.9	4	2.6	4	2.6	4	2.8	9	1.8	10	2.0
ALL OTHER UNINTENTIONAL INJURIES	2	3.7	8	5.3	5	3.3	5	3.4	19	3.9	12	2.5
TOTAL UNINTENTIONAL INJURY	19	35.2	63	41.4	63	41.4	32	22.1	134	27.5	134	27.5
INTENTIONAL INJURIES												
HOMICIDE												
BY DISCHARGE OF FIREARMS	4	7.4	13	8.6	13	8.6	9	6.2	21	4.3	21	4.3
BY OTHER AND UNSPECIFIED MEANS	0	-	1	0.7	1	0.7	2	1.4	11	2.3	11	2.3
TOTAL HOMICIDE	4	7.4	14	9.2	14	9.2	11	7.6	32	6.6	32	6.6
INTENTIONAL SELF-HARM (SUICIDE)												
BY DISCHARGE OF FIREARMS	10	18.5	29	19.1	29	19.1	11	7.6	31	6.4	31	6.4
BY OTHER AND UNSPECIFIED MEANS	6	11.1	18	11.8	18	11.8	6	4.1	20	4.1	20	4.1
TOTAL INTENTIONAL SELF-HARM (SUICIDE)	16	29.6	47	30.9	47	30.9	17	11.7	51	10.5	51	10.5
TOTAL INTENTIONAL INJURY	20	37.0	61	40.1	61	40.1	28	19.3	83	17.0	83	17.0
OTHER INTENT												
COMPLICATIONS OF MEDICAL CARE	0	-	0	-	0	-	0	-	1	0.2	1	0.2
DISCHARGE OF FIREARMS, UNKNOWN INTENT	2	3.7	2	1.3	2	1.3	2	1.4	3	0.6	3	0.6
OTHER UNDETERMINED INTENT	1	1.9	3	2.0	3	2.0	5	3.4	9	1.8	9	1.8
UNKNOWN CAUSE	0	-	1	0.7	1	0.7	1	0.7	2	0.4	2	0.4
TOTAL	3	5.6	6	3.9	6	3.9	8	5.5	15	3.1	15	3.1
TOTAL DEATHS	54	100.0	152	100.0	152	100.0	145	100.0	488	100.0	488	100.0



# DEATHS



*"Seabirds, St. George"*  
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## INTRODUCTION

There were 2,697 deaths to Alaska residents in 1999. Of this number, 190 died out of state. A total of 2,662 deaths occurred in Alaska: 2,506 were Alaska residents and 156 were from out of state residents. The 2,697 resident deaths was a 4.3 percent increase from the 2,587 resident deaths in 1998. Since 1990, the number of deaths to Alaska residents (Figure 12, following page) has increased by almost one-fourth (23.3 percent).

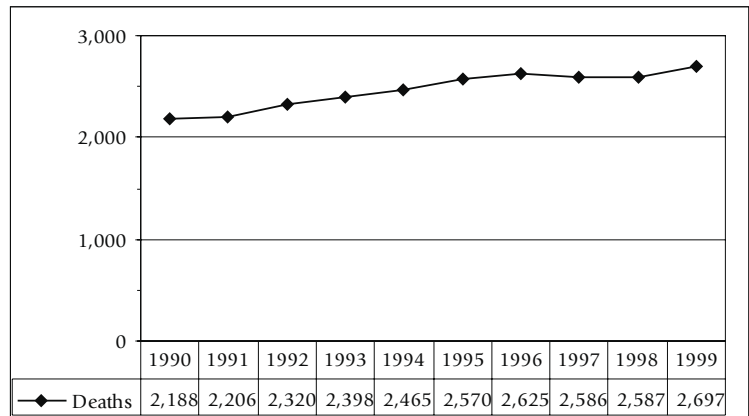


In 1999, the crude death rate in Alaska (Figure 13) was 433.6 deaths per 100,000 residents. This represents a 3.4 percent increase from the crude death rate of 419.2 in 1998 and a 9.0 percent increase from the crude death rate of 397.8 in 1990. This increase is partially due to the fact that the median age in Alaska has been increasing. In 1990, the median age of all Alaskans was 29.3 years, compared with a median age of 32.9 years in 1999. Although the crude death rate in Alaska has been increasing faster than the U.S. rate, it still is less than half the U.S. rate.

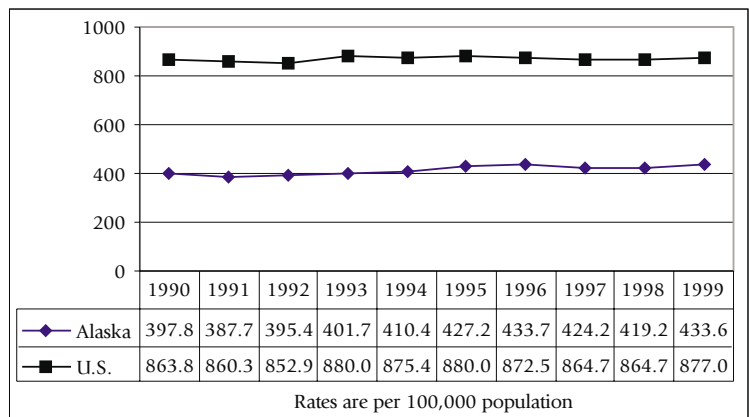
When comparing death rates between different populations, age-adjusted death rates should be used. This is because populations with a higher proportion of elderly people will tend to have higher crude death rates, since older people are more likely to die than young people. For example, the U.S. has a higher crude death rate than Alaska, in part because the median age is higher in the U.S. (35.5 years) than in Alaska. However, when comparing age-adjusted death rates, no significant differences between the Alaska and the U.S. are noted (Figure 14). The age-adjusted death rate in Alaska increased 1.5 percent from the rate of 860.5 in 1998, but overall has decreased 7.1 percent since 1990.

It is important to note that beginning with 1999 mortality statistics, the U.S. year 2000 standard population will be used for age adjusting. Previous annual reports used the 1940 standard population. The year 2000 standard population gives more weight (or emphasis) to older age groups. Generally, most age-adjusted death rates will be higher using the year 2000 standard population than rates using the 1940 standard population. When using age-adjusted death rates, it is important to make sure the same standard population is being used. Previously published Alaska Vital Statistics Annual Reports used the 1940 standard population for age adjusting, so age adjusted rates from previous reports cannot be compared to the age adjusted rates in this report.

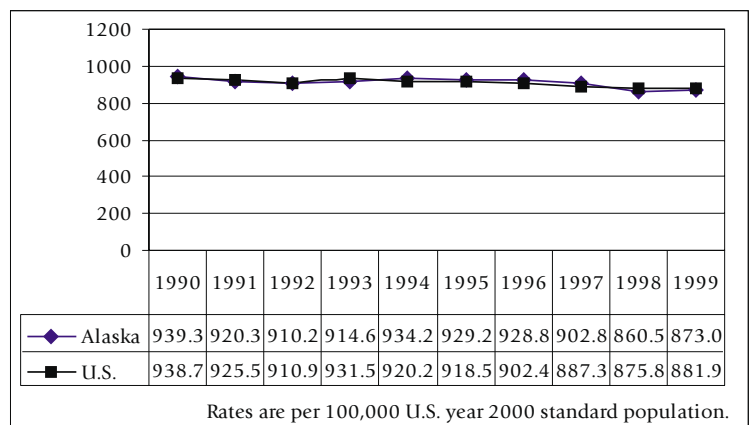
**FIGURE 12 NUMBER OF DEATHS TO ALASKA RESIDENTS: 1990 - 1999**



**FIGURE 13 CRUDE DEATH RATES ALASKA AND THE U.S. : 1990 - 1999**



**FIGURE 14 AGE-ADJUSTED DEATH RATES ALASKA AND THE U.S. : 1990 - 1999**



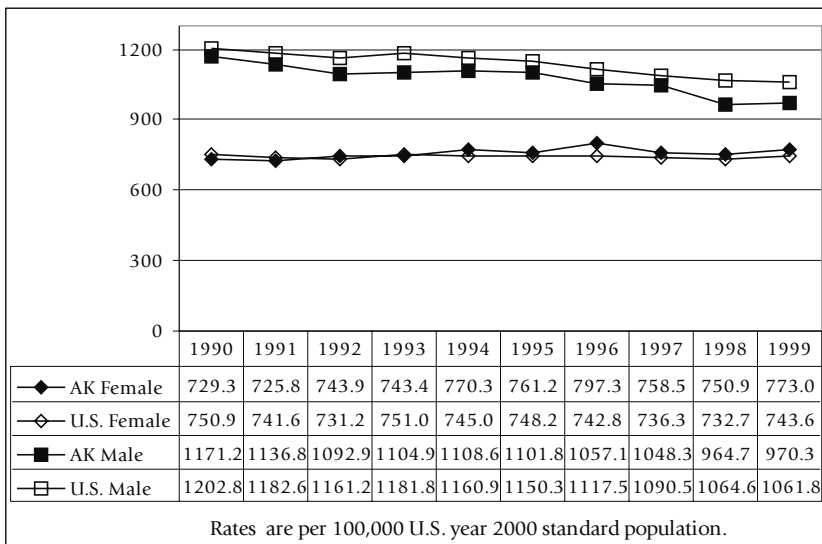
Males have higher age-adjusted death rates than females (Figure 15). However, the age-adjusted death rates for females in Alaska has been increasing (6.0 percent since 1990) while the age-adjusted rate for males has decreased 17.2 percent since 1990. As a result of these two trends, the male-to-female mortality ratio has decreased from 1.6 in 1990 to 1.3 in 1999. Compared to females, males have the greatest risk of death in the age groups 15 to 24 and 25 to 34, as they are over twice as likely (2.4 times) to die as females (Table 16A).

The age-adjusted death rate for Alaskan males showed a greater percentage decrease than the rate for U.S. males (11.7 percent since 1990), while the female age-adjusted death rate in Alaska has shown the opposite trend. The age-adjusted death rate for females in Alaska has increased 6.0 percent since 1990, compared with a 1.0 percent decrease for U.S. females.

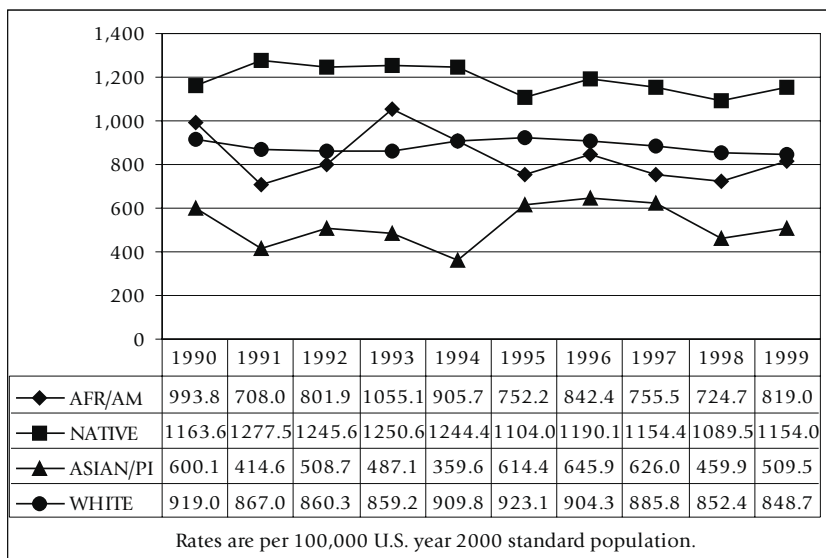
The risk of death also differs by race in Alaska (Figure 16). Alaska Natives consistently have the highest age-adjusted death rates of any racial group in Alaska, while Asian/Pacific Islanders consistently have the lowest. The Native age-adjusted death rate has not changed significantly since 1990, yet the rate for whites has decreased 7.6 percent. Natives have age-specific death rates that are at least twice that of whites for all age groups from 0 to 4 through 45 to 54 years of age (Table 16B). In particular, Natives in the 25 to 34 age group have almost four times the risk (3.7 times) of dying compared with whites of the same age group.

Tables 15 -16B on the following page list the total number of deaths and death rates and the number deaths by age group and age-specific rates, by sex and race for Alaska in 1999.

**FIGURE 15 AGE-ADJUSTED DEATH RATES BY SEX ALASKA AND THE U.S. : 1990 -1999**



**FIGURE 16 AGE-ADJUSTED DEATH RATES BY RACE ALASKA: 1990 -1999**



**TABLE 15 RESIDENT DEATHS AND DEATH RATES FOR ALASKA: 1999  
BY DECEDENT'S RACE AND SEX**

RACE	TOTAL			MALE			FEMALE		
	DEATHS	CRUDE RATE	AGE - ADJUSTED RATE	DEATHS	CRUDE RATE	AGE - ADJUSTED RATE	DEATHS	CRUDE RATE	AGE - ADJUSTED RATE
TOTAL DEATHS	2697	433.6	873.0	1532	473.3	970.0	1165	390.5	773.2
DEATHS BY RACE									
WHITE	1891	412.3	848.7	1099	456.1	934.8	792	363.8	750.1
NATIVE	650	620.6	1154.0	354	675.3	1350.2	296	565.7	994.8
BLACK	70	253.5	819.0	36	232.3	705.4	34	280.6	909.0
ASIAN/PI	80	258.3	509.5	39	262.9	606.8	41	254.0	536.1

**TABLE 16A RESIDENT DEATHS AND DEATH RATES FOR ALASKA: 1999  
BY DECEDENT'S AGE GROUP AND SEX**

AGE GROUP	TOTAL			MALE			FEMALE		
	DEATHS	PERCENT	AGE - SPECIFIC RATE	DEATHS	PERCENT	AGE - SPECIFIC RATE	DEATHS	PERCENT	AGE - SPECIFIC RATE
00-04	72	2.7	140.9	36	2.3	139.6	36	3.1	145.0
05-14	19	0.7	17.0	10	0.7	17.5	9	0.8	16.5
15-24	98	3.6	116.5	70	4.6	161.7	28	2.4	68.6
25-34	136	5.0	160.9	100	6.5	221.2	36	3.1	91.6
35-44	228	8.5	191.4	148	9.7	239.5	80	6.9	139.6
45-54	308	11.4	325.9	197	12.9	388.5	111	9.5	253.5
55-64	389	14.4	895.5	232	15.1	994.4	157	13.5	780.8
65-74	540	20.0	2511.3	331	21.6	3086.2	209	17.9	1939.1
75-84	563	20.9	5619.3	282	18.4	6377.2	281	24.1	5020.5
85+	344	12.8	16234.1	126	8.2	15347.1	218	18.7	16795.1

**TABLE 16B RESIDENT DEATHS AND DEATH RATES FOR ALASKA: 1999  
BY DECEDENT'S RACE AND AGE GROUP**

AGE GROUP	WHITE			NATIVE			BLACK			ASIAN/PI		
	DEATHS	PERCENT	AGE - SPECIFIC RATE	DEATHS	PERCENT	AGE - SPECIFIC RATE	DEATHS	PERCENT	AGE - SPECIFIC RATE	DEATHS	PERCENT	AGE - SPECIFIC RATE
00-04	34	1.8	98.7	33	5.1	288.1	2	0.0	94.7	3	3.8	97.3
05-14	10	0.5	13.2	9	1.4	35.6	0	-	0	-	0	-
15-24	47	2.5	83.0	44	6.8	241.5	4	0.1	77.4	3	3.8	74.0
25-34	69	3.6	116.1	58	8.9	424.6	5	0.1	75.1	4	5.0	84.0
35-44	151	8.0	160.1	64	9.8	427.9	8	0.1	192.6	3	3.8	52.6
45-54	219	11.6	281.4	68	10.5	683.3	8	0.1	298.4	11	13.8	271.7
55-64	288	15.2	822.5	77	11.8	1359.5	11	0.2	1200.9	13	16.3	705.4
65-74	401	21.2	2471.2	103	15.8	2980.3	17	0.2	4303.8	17	21.3	1193.0
75-84	415	21.9	5456.9	121	18.6	7464.5	8	0.1	2898.6	19	23.8	3675.0
85+	257	13.6	17353.1	73	11.2	14570.9	7	0.1	12963.0	7	8.8	8433.7

## LEADING CAUSES OF DEATH IN ALASKA

This section details the leading causes of death in Alaska during 1999. All rates in this report have been age-adjusted to the U.S. year 2000 standard population. Beginning with 1999 mortality data, the tenth revision of the International Classification of Disease (ICD-10) will be used to assign the underlying cause of death.

Some differences between ICD-9 and ICD-10 include the following: ICD-10 has about twice the detail of ICD-9; some causes-of-death titles have changed; some chapters have been expanded, added or rearranged; and cause of death coding rules have changed. Of these changes, the one with the most impact will be the change in cause of death coding rules.

Coding rules determine how the underlying cause of death is assigned. Changes in coding rules can greatly impact the assignment of deaths to a particular cause. For this reason, the number of deaths and death rates (by cause of death) are not directly comparable to previously published data. Adjustments can be made so that 1999 (and later) cause of death data can be compared to deaths classified using ICD-9 coding rules. A comparability ratio is used to make this adjustment. The death rates for the years 1990 to 1998 in this section have been comparability modified.

The leading causes of death in this chapter are based on the 113 selected causes-of-death list developed by the National Center for Health Statistics (NCHS). This list replaces the 72 selected causes-of-death list used in ICD-9. For more information on the impact of changing ICD revisions, refer to Appendix C.

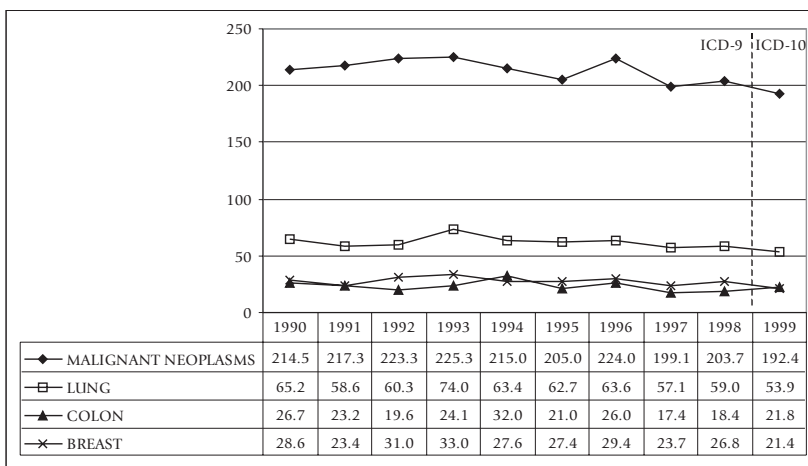
### MALIGNANT NEOPLASMS (CANCER) ICD-9: 140-208; ICD-10: C00-C97

Malignant neoplasms continued to be the leading cause of death in Alaska. In 1999, almost one-fourth (23.0 percent) of all deaths were due to cancer. Although cancer was the leading cause of death, it ranked second in terms of years of potential life lost (YPLL) (3,475 years). Nationally, cancer was the second leading cause of death, with a rate (202.7 per 100,000) 5.4 percent higher than the Alaska rate (192.4 per 100,000).

Proportionally, more females in Alaska died from cancer compared with males (25.2 percent and 21.4 percent, respectively). Yet males have a higher death rate than females (216.9 per 100,000 vs. 172.7) that is mainly due to the significantly higher death rates for males in the 65 and older age groups.

Since 1990, the death rate for cancer has declined 10.3 percent. Lung (ICD-9: 162; ICD-10: C33-C34), colon (ICD-9: 153-154; ICD-10: C18-C21), and breast (ICD-9: 174-175; ICD-10: C50) cancer death rates have also declined during this period.

**FIGURE 17 MALIGNANT NEOPLASMS AGE-ADJUSTED DEATH RATES, ALASKA 1990 -1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates. Breast cancer age-adjusted death rates are for females only.

# DEATHS

## HEART DISEASE

ICD-9: 390-398, 402, 404, 410-429

ICD-10: I00-I09, I11, I13, I20-I51

Alaska's second leading cause of death in 1999 was heart disease, accounting for about one-fifth (20.8 percent) of all deaths. In terms of YPLL, heart disease ranked fourth (2,216 years) among the leading causes of death. Heart disease was the leading cause of death nationally, with a rate (267.8 per 100,000) 29.7 percent higher than the Alaska rate (206.5 per 100,000). The heart disease death rate has decreased by 12.5 percent in Alaska since 1990.

In Alaska, the percent of deaths due to heart disease was about equal for males and females (21.3 percent and 20.1 percent, respectively), but as with cancer deaths, males had higher death rates (Table 17). Heart disease was the second leading cause of death for whites, but the third leading cause of death for Natives. Correspondingly, the Native heart disease death rate was lower than that of whites.

## UNINTENTIONAL INJURIES (ACCIDENTS)

ICD-9: E800-E869, E880-E929

ICD-10: V01-X59, Y85-Y86

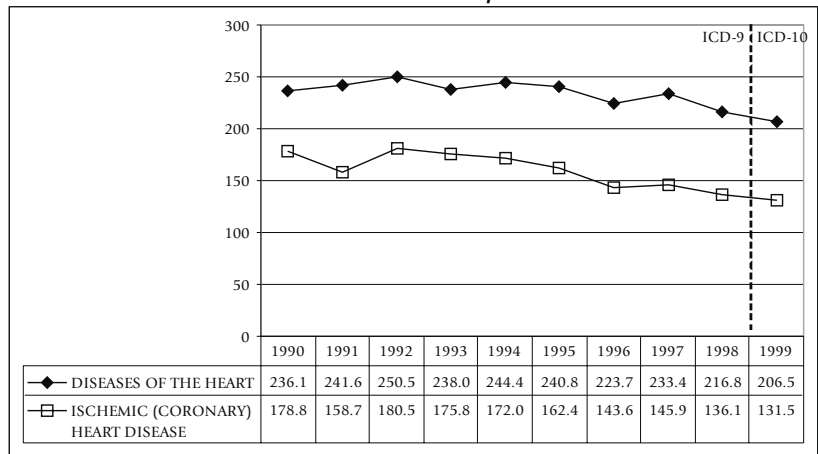
Almost one of every nine deaths (10.9 percent) in Alaska during 1999 was due to an unintentional injury, making it the third leading cause of death. Among leading causes of death, unintentional injury ranked first in YPLL (7,320 years), more than double that of any other leading cause of death. Unintentional injury was the fifth leading cause of death in the U.S. in 1999, with a rate (35.9 per 100,000) more than one-third lower (37.2 percent) than the Alaska rate (57.2 per 100,000).

Alaskan males were almost three times (2.9) more likely than females to die from an unintentional injury (84.0 per 100,000 vs. 29.4) in 1999. Unintentional injury was the third leading cause of death for males and the fourth leading cause of death for females. The Native-to-white mortality ratio of 2.6 shows that Natives were much more likely than whites to die of an unintentional injury. Unintentional injury was the second leading cause of death for Natives and the third leading cause of death for whites.

In 1999 there were 87 motor vehicle deaths, accounting for 29.7 percent of all unintentional injury deaths. Despite an overall decrease in the motor vehicle death rate of 30.6 percent since 1990, the 1999 motor vehicle death rate increased 46.7 percent from the rate of 10.5 per 100,000 in 1998.

FIGURE 18

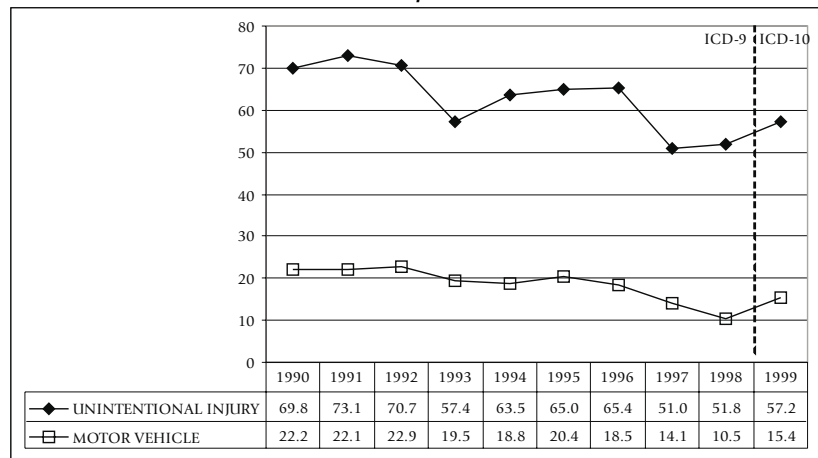
## HEART DISEASE AGE-ADJUSTED DEATH RATES, ALASKA 1990 -1999



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

FIGURE 19

## UNINTENTIONAL INJURY AGE-ADJUSTED DEATH RATES, ALASKA 1990 -1999



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

**CEREBROVASCULAR DISEASE**

ICD-9: 430-434, 436-438; ICD-10: I60-I69

Cerebrovascular disease was the fourth leading cause of death in 1999. In terms of YPLL, however, cerebrovascular disease ranked eighth (383 years) among the leading causes of death. Nationally, cerebrovascular disease was the third leading cause of death, with a rate (61.8 per 100,000) 18.0 percent lower than the Alaska rate (75.4 per 100,000).

In Alaska, cerebrovascular disease was the third leading cause of death for females during 1999, but only the 5th leading cause of death for males. Females were slightly more likely to die from cerebrovascular disease than males (80.0 per 100,000 vs. 68.5).

Cerebrovascular disease was the fourth leading cause of death for Natives and whites, yet Natives had a slightly higher death rate than whites (82.5 per 100,000 compared with 76.1).

Note that ICD-9 code 435 is not included in the listing for cerebrovascular disease deaths from 1990 to 1998, contrary to what was published in previous reports. The change was made nationally so that the ICD-9 codes would be comparable to the classification of cerebrovascular disease in the 113 selected causes of death list ICD-10.

**CHRONIC LOWER RESPIRATORY DISEASE (CHRONIC OBSTRUCTIVE PULMONARY DISEASE)**

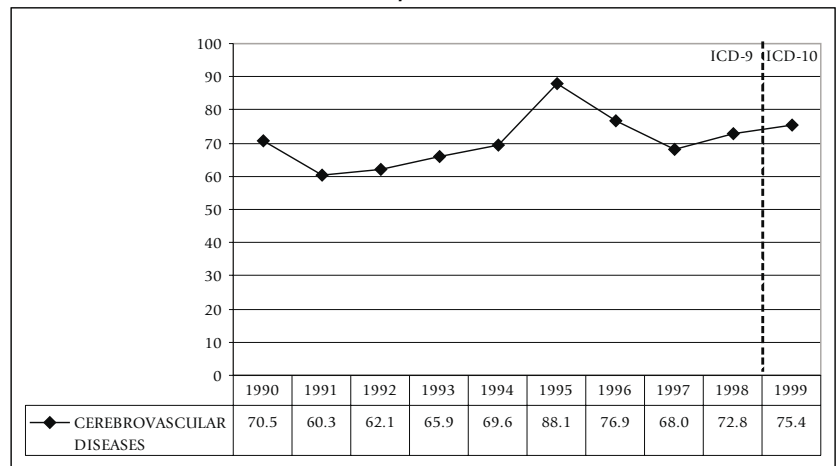
ICD-9: 490-494, 496; ICD-10: J40-J47

With 145 deaths during 1999, chronic lower respiratory disease (CLRD) was the fifth leading cause of death and ranked ninth in terms of YPLL (290 years). In the U.S., CLRD was the fourth leading cause of death in 1999 with a rate of 45.8 deaths per 100,000.

In Alaska, males were slightly more likely than females to die of CLRD (65.1 per 100,000 vs. 52.6) in 1999, but proportionally more females than males (5.8 percent compared with 5.0 percent) died of CLRD.

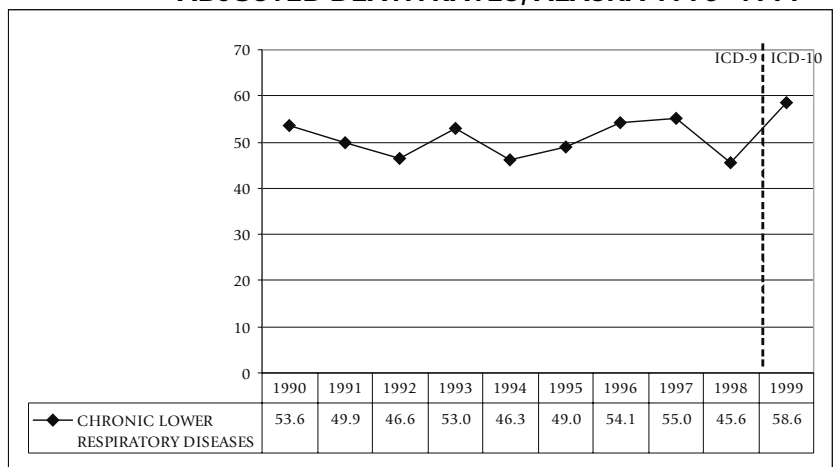
Natives had a slightly higher death rate from CLRD than whites, 65.1 per 100,000 compared with 61.0 for whites. Yet proportionally, far fewer Natives than whites died from CLRD (4.3 percent vs. 5.8 percent) in 1999.

**FIGURE 20 CEREBROVASCULAR AGE-ADJUSTED DEATH RATES, ALASKA 1990 -1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

**FIGURE 21 CHRONIC LOWER RESPIRATORY DISEASE AGE-ADJUSTED DEATH RATES, ALASKA 1990 -1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

**INTENTIONAL SELF-HARM (SUICIDE)**

ICD-9: 950-959; ICD-10: X60-X84, Y87.0

Intentional self-harm remained the sixth leading cause of death in 1999, despite a decrease of 36 suicide deaths from 1998. The decrease was partly due to an increase in deaths of undetermined intent (4 in 1998 vs. 26 in 1999).

Among leading causes of death, intentional self-harm ranked third in YPLL (2,670 years). Intentional self-harm was the eleventh leading cause of death in the U.S. during 1999, with a rate (10.7 per 100,000) 37.8 percent lower than the rate in Alaska (17.2 per 100,000).

In Alaska, males were about three times more likely than females to die of intentional self-harm (26.3 per 100,000 vs. 8.3) during 1999. Among Natives, intentional self-harm was the fourth leading cause of death and they were more than twice as likely to die of suicide than whites (32.6 per 100,000 vs. 15.4). Firearms were used in 55 of 95 (57.9 percent) suicide deaths in 1999.

**DIABETES MELLITUS**

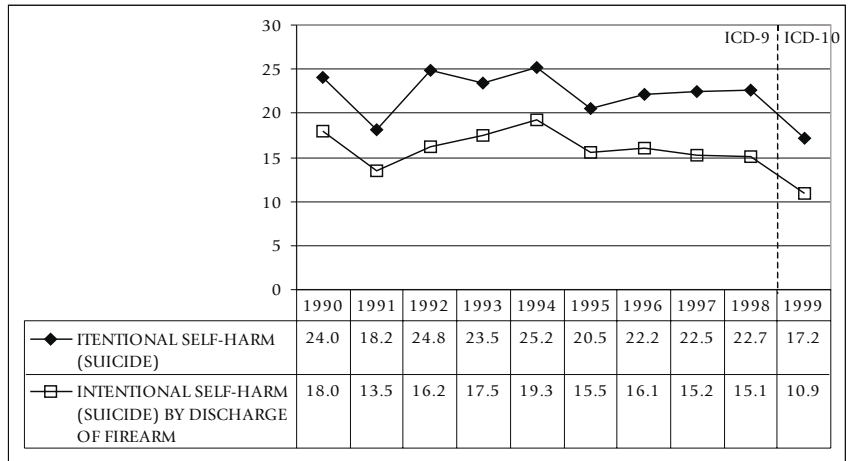
ICD-9: 250; ICD-10: E10-E14

The seventh leading cause of death in 1999 was diabetes and ranked tenth among leading causes of death in the number of years of potential life lost (241 years). Nationally, diabetes was the sixth leading cause of death, with a rate (25.2 per 100,000) similar to the Alaska rate (24.8 per 100,000).

Diabetes was the sixth leading cause of death in Alaska for females, but only the ninth leading cause of death for males during 1999. Females were more likely than males to die of diabetes in 1999 (30.3 per 100,000 vs. 18.5).

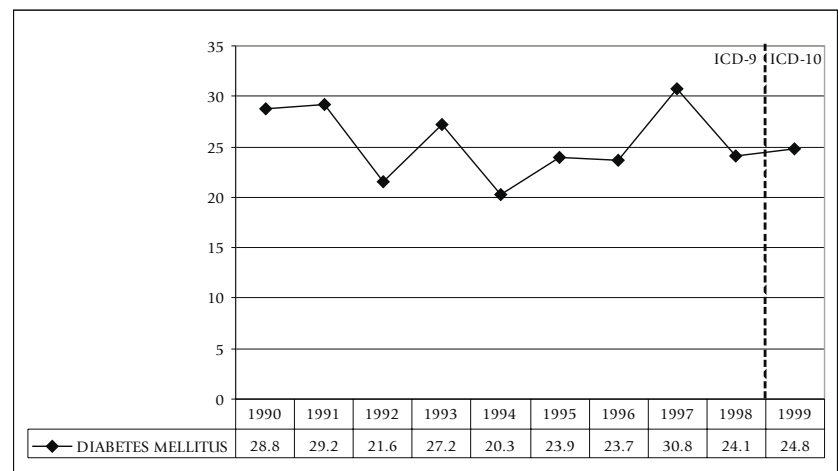
For whites, diabetes was also the seventh leading cause of death, but diabetes did not rank in the top ten causes of death for Natives.

**FIGURE 22 INTENTIONAL SELF-HARM (SUICIDE) AGE-ADJUSTED DEATH RATES, ALASKA 1990 -1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

**FIGURE 23 DIABETES MELLITUS AGE-ADJUSTED DEATH RATES, ALASKA 1990 -1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

**ASSAULT (HOMICIDE)**

ICD-9: E960-E969; ICD-10: X85-Y09, Y87.1

Fifty-one Alaskans died from assault in 1999, making it the eighth leading cause of death. Assault was the fifth leading cause of YPLL (1,693 years). In the U.S., assault was only the fourteenth leading cause of death with 6.2 deaths per 100,000. Firearms were involved in slightly over half (52.9 percent) of assault deaths in Alaska during 1999.

Over two-thirds (70.6 percent) of assault deaths in Alaska were male. Assault was the seventh leading cause of death for males, but was the twelfth leading cause of death for females.

For Natives, assault was the seventh leading cause of death, but was only the tenth leading cause of death for whites. Natives were over seven times as likely to die from assault than whites in 1999.

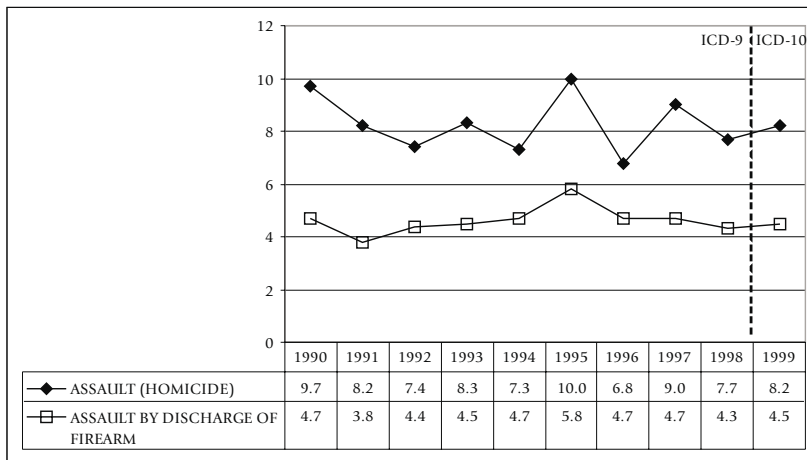
**INFLUENZA AND PNEUMONIA**

ICD-9: 480-487; ICD-10: J10-J18

The ninth leading cause of death in 1999 was deaths due to influenza and pneumonia. In terms of YPLL, influenza and pneumonia ranked seventh (384 years) in 1999. Influenza and pneumonia was the seventh leading cause of death nationally in 1999, with a rate (23.6 per 100,000) similar to the Alaska rate (21.2 per 100,000).

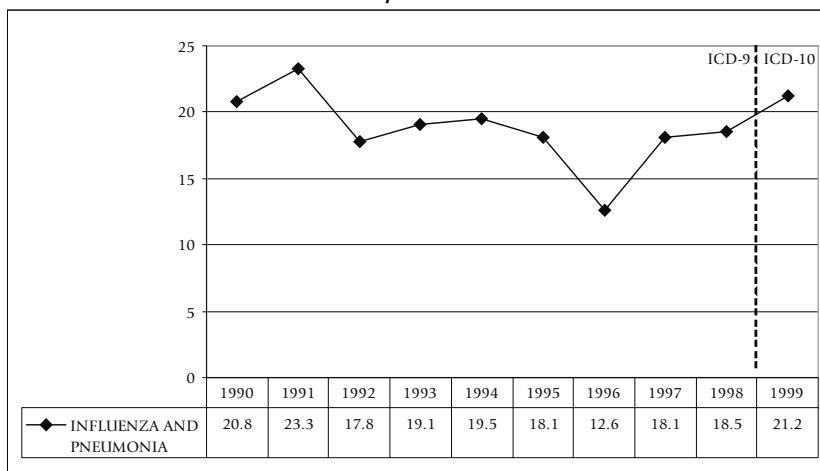
A change in the cause of death classification rules in ICD-10 will result in about a 30 percent decrease in assignment of deaths to influenza and pneumonia, compared with ICD-9 classification rules. Despite the significantly lower assignment of deaths to influenza and pneumonia in ICD-10, only eight fewer deaths occurred in Alaska compared with 1998 (45 in 1999 and 53 in 1998). As shown in Figure 25, (which has been comparability modified to account for the change in coding rules) the death rate for pneumonia and influenza deaths has been increasing since 1996.

**FIGURE 24 ASSAULT (HOMICIDE) AGE-ADJUSTED DEATH RATES, ALASKA 1990 -1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

**FIGURE 25 INFLUENZA AND PNEUMONIA AGE-ADJUSTED DEATH RATES, ALASKA 1990 -1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.



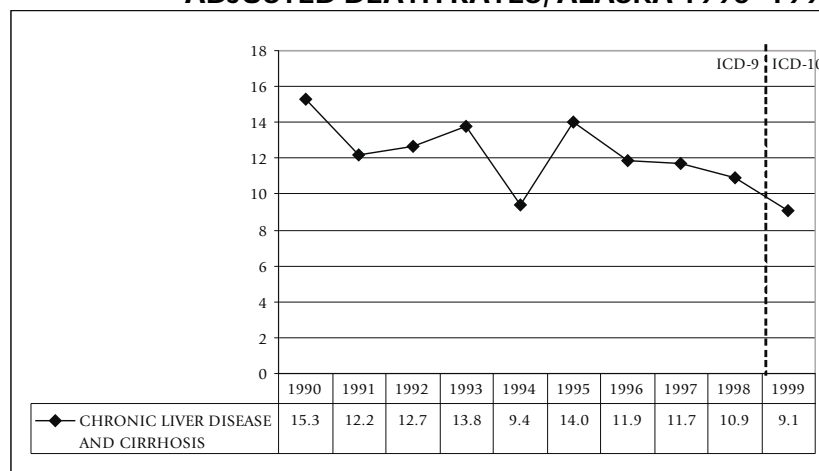
**CHRONIC LIVER DISEASE AND CIRRHOSIS**

ICD-9: 571; ICD-10: K70, K73-K74

Chronic liver disease and cirrhosis (CLDC) was the tenth leading cause of death in Alaska during 1999, but was the sixth leading cause in the number of years of YPLL (496). Surprisingly, CLDC was the ninth leading cause for females, the eighth leading cause for males, and the eighth leading cause for Natives, yet ranked only tenth statewide. CLDC was the twelfth leading cause of death in the U.S. in 1999, but with a rate (9.7 per 100,000) nearly identical to the Alaska rate.

Alaska Natives were more than three times as likely to die of CLDC than whites (24.0 per 100,000 vs. 7.2). Males were 1.5 times as likely to die of CLDC than females (11.0 vs. 7.3).

**FIGURE 26 CHRONIC LIVER DISEASE AND CIRRHOSIS AGE-ADJUSTED DEATH RATES, ALASKA 1990 -1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

**OTHER CAUSES OF DEATH**

**ALCOHOL-INDUCED DEATHS**

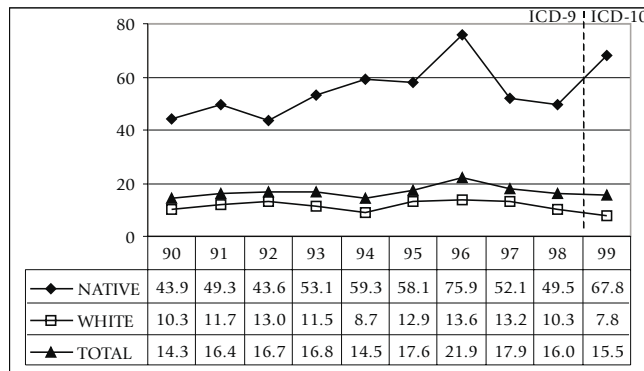
ICD-9: 291, 303, 305.0, 357.5, 425.5, 535.3, 571.0-571.3, 790.3, E860

ICD-10: F10,G31.2, G62.1, I42.6, K29.2, K70, R78.0, X45, X65, Y15

Alcohol-induced mortality includes deaths due to alcohol psychoses, alcohol dependence syndrome, non-dependent abuse of alcohol, alcohol-induced chronic liver disease and cirrhosis, and alcohol poisoning. It does not include deaths due to traumatic injury, such as motor vehicle crashes.

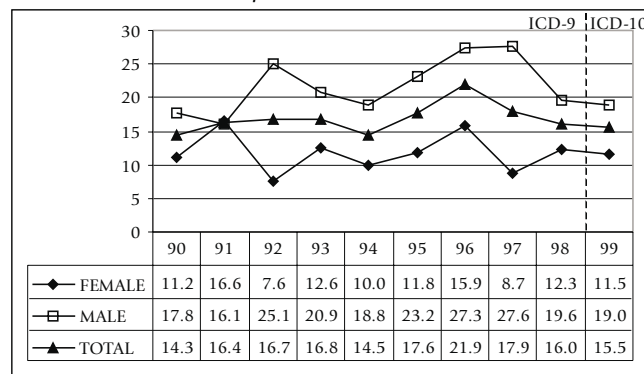
With 90 deaths in 1999, alcohol-induced deaths would have been the seventh leading cause of death in Alaska if it were a rankable cause of death. The number of years of potential life lost was 1,630, which would have ranked alcohol-induced deaths just below homicide deaths (1,693 years). For Natives, alcohol-induced deaths would have been the fourth leading cause of death with 53 deaths.

**FIGURE 27A ALCOHOL-INDUCED AGE-ADJUSTED DEATH RATES, BY RACE: ALASKA 1990-1999**



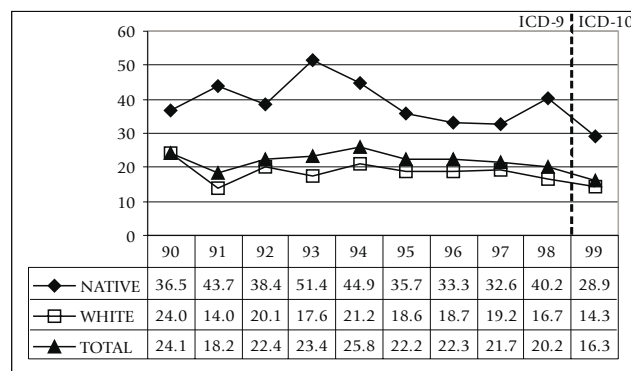
Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

**FIGURE 27B ALCOHOL-INDUCED AGE-ADJUSTED DEATH RATES, BY SEX: ALASKA 1990-1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

**FIGURE 28A FIREARM RELATED AGE-ADJUSTED DEATH RATES, BY RACE: ALASKA 1990-1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

Natives were more than eight times as likely than whites to die of alcohol-induced deaths (Figure 27A) in 1999. Males were more likely than females to die from alcohol-induced deaths (Figure 27B), yet alcohol-induced deaths would have ranked as the seventh leading cause for females but only the eighth leading cause for males.

**FIREARM RELATED DEATHS**

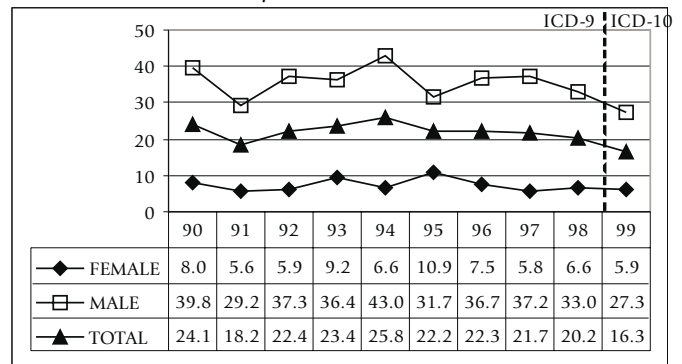
**ICD-9: E922, E955.0-E955.4, E965.0-E965.4, E970, E985.0-E985.4**

**ICD-10: W32-W34, X72-X74, X93-X95, Y22-Y24, Y35.0**

If firearm-related deaths were a rankable cause of death, it would have been the seventh leading cause of death in Alaska with 88 deaths. With a YPLL of 2,754 years, firearm-related deaths would have ranked third on the leading cause list, behind unintentional injuries (7,320 years) and malignant neoplasms (3,475 years).

Natives were twice as likely to die from firearm-related deaths compared with whites during 1999 (Figure 28A). Males were almost five times as likely to die from firearm-related deaths compared with females (Figure 28B).

**FIGURE 28B FIREARM RELATED AGE-ADJUSTED DEATH RATES, BY SEX: ALASKA 1990-1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

**DRUG-INDUCED DEATHS**

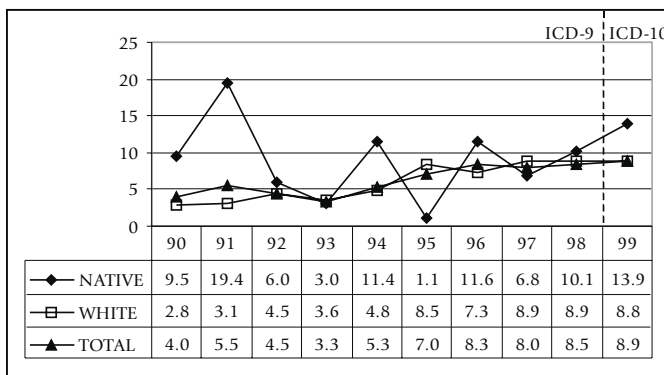
ICD-9: 292, 304, 305.2-305.9, E850-E858, E950.0-E950.5, E962.0, E980.0-E980.5

ICD-10: F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.9, F17.0, F17.3-F17.5, F17.7-F17.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, F19.7-F19.9, X40-X44, X60-X64, X85, Y10-Y14

Drug-induced mortality includes deaths from dependent and nondependent use of drugs (legal and illegal use) and poisoning from medically prescribed and other drugs. It excludes accidents, homicides, and other causes indirectly related to drug use. Also excluded are newborn deaths due to mother’s drug use.

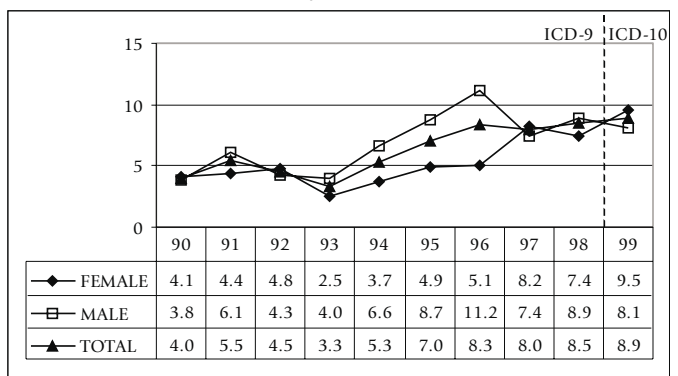
There were 55 drug-induced deaths in 1999 making it the eighth leading cause of death if it were a rankable cause. The age-adjusted death rate has more than doubled in the past decade and with a YPLL of 1,365 years, drug-induced deaths would have ranked sixth. Natives were more likely to die of drug-induced deaths than whites (Figure 29A). Females were more likely to die of a drug-induced cause than males in 1999, but this has not been a consistent trend during the past 10 years.

**FIGURE 29A DRUG-INDUCED AGE-ADJUSTED DEATH RATES, BY RACE: ALASKA 1990-1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

**FIGURE 29B DRUG-INDUCED AGE-ADJUSTED DEATH RATES, BY SEX: ALASKA 1990-1999**



Rates are per 100,000 U.S. year 2000 standard population. Rates previous to 1999 have been comparability modified. Refer to Appendix C for more information on comparability-modified rates.

Table 17 (following page) lists the top ten causes of death by sex and race for Alaska during 1999. Since comparatively few deaths occur to decedents of Black or Asian/PI, the top ten causes are not listed for these races. Table 18 (pages 97 and 98) lists detailed causes of death for Alaska.

The remaining pages in this chapter list summary death information and detailed causes of death by census area (borough) and Native Regional Corporation. The detailed causes of death for each census area (borough) and Native Regional Corporation are based on the most frequent causes of death for each area. Therefore, the detailed causes of death list for each area will likely be unique.

**TABLE 17 LEADING CAUSES OF DEATH FOR ALASKA: 1999  
BY SEX AND RACE**

TOTAL LEADING CAUSES OF DEATH (ICD-10 CODES)	DEATHS	PERCENT	AGE- ADJUSTED RATE
(01) MALIGNANT NEOPLASMS (C00-C97)	621	23.0	192.4
(02) DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	560	20.8	206.5
(03) UNINTENTIONAL INJURIES (V01-X59,Y85-Y86)	293	10.9	57.2
(04) CEREBROVASCULAR DISEASES (I60-I69)	172	6.4	75.4
(05) CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	145	5.4	58.6
(06) INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	95	3.5	17.2
(07) DIABETES MELLITUS (E10-E14)	66	2.4	24.8
(08) ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	51	1.9	8.2
(09) INFLUENZA AND PNEUMONIA (J10-J18)	45	1.7	21.2
(10) CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	42	1.6	9.1
ALL OTHER CAUSES	607	22.5	202.5
TOTAL	2697	100.0	873.0

FEMALE LEADING CAUSES OF DEATH (ICD-10 CODES)	DEATHS	PERCENT	AGE- ADJUSTED RATE
(01) MALIGNANT NEOPLASMS (C00-C97)	293	25.2	172.7
(02) DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	234	20.1	178.6
(03) CEREBROVASCULAR DISEASES (I60-I69)	97	8.3	80.0
(04) UNINTENTIONAL INJURIES (V01-X59,Y85-Y86)	70	6.0	29.4
(05) CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	68	5.8	52.6
(06) DIABETES MELLITUS (E10-E14)	42	3.6	30.3
(07) INFLUENZA AND PNEUMONIA (J10-J18)	26	2.2	23.3
(08) INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	22	1.9	8.3
(09) CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	17	1.5	7.3
(10) ALZHEIMER'S DISEASE (G30)	16	1.4	15.6
(10) NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07,N17-N19,N25-N27)	16	1.4	13.0
ALL OTHER CAUSES	264	22.7	161.9
TOTAL	1165	100.0	773.0

MALE LEADING CAUSES OF DEATH (ICD-10 CODES)	DEATHS	PERCENT	AGE- ADJUSTED RATE
(01) MALIGNANT NEOPLASMS (C00-C97)	328	21.4	216.9
(02) DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	326	21.3	232.3
(03) UNINTENTIONAL INJURIES (V01-X59,Y85-Y86)	223	14.6	84.0
(04) CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	77	5.0	65.1
(05) CEREBROVASCULAR DISEASES (I60-I69)	75	4.9	68.5
(06) INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	73	4.8	26.3
(07) ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	36	2.3	11.6
(08) CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	25	1.6	11.0
(09) DIABETES MELLITUS (E10-E14)	24	1.6	18.5
(10) INFLUENZA AND PNEUMONIA (J10-J18)	19	1.2	17.3
ALL OTHER CAUSES	326	21.3	218.7
TOTAL	1532	100.0	970.3

**TABLE 17 LEADING CAUSES OF DEATH FOR ALASKA: 1999  
BY SEX AND RACE**

TOTAL LEADING CAUSES OF DEATH (ICD-10 CODES)	DEATHS	PERCENT	AGE- ADJUSTED RATE
(01) MALIGNANT NEOPLASMS (C00-C97)	621	23.0	192.4
(02) DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	560	20.8	206.5
(03) UNINTENTIONAL INJURIES (V01-X59,Y85-Y86)	293	10.9	57.2
(04) CEREBROVASCULAR DISEASES (I60-I69)	172	6.4	75.4
(05) CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	145	5.4	58.6
(06) INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	95	3.5	17.2
(07) DIABETES MELLITUS (E10-E14)	66	2.4	24.8
(08) ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	51	1.9	8.2
(09) INFLUENZA AND PNEUMONIA (J10-J18)	45	1.7	21.2
(10) CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	42	1.6	9.1
ALL OTHER CAUSES	607	22.5	202.5
TOTAL	2697	100.0	873.0

NATIVE LEADING CAUSES OF DEATH (ICD-10 CODES)	DEATHS	PERCENT	AGE- ADJUSTED RATE
(01) MALIGNANT NEOPLASMS (C00-C97)	122	18.8	235.9
(02) UNINTENTIONAL INJURIES (V01-X59,Y85-Y86)	99	15.2	123.4
(03) DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	86	13.2	196.6
(04) CEREBROVASCULAR DISEASES (I60-I69)	34	5.2	82.5
(04) INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	34	5.2	32.6
(06) CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	28	4.3	65.1
(07) ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	27	4.2	29.4
(08) CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	16	2.5	24.0
(09) INFLUENZA AND PNEUMONIA (J10-J18)	14	2.2	26.7
(10) SEPTICEMIA (A40-A41)	10	1.5	22.1
ALL OTHER CAUSES	180	27.7	315.7
TOTAL	650	100.0	1154.0

WHITE LEADING CAUSES OF DEATH (ICD-10 CODES)	DEATHS	PERCENT	AGE- ADJUSTED RATE
(01) MALIGNANT NEOPLASMS (C00-C97)	474	25.1	194.8
(02) DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	435	23.0	212.7
(03) UNINTENTIONAL INJURIES (V01-X59,Y85-Y86)	178	9.4	47.2
(04) CEREBROVASCULAR DISEASES (I60-I69)	125	6.6	76.1
(05) CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	110	5.8	61.0
(06) INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	59	3.1	15.4
(07) DIABETES MELLITUS (E10-E14)	48	2.5	24.0
(08) INFLUENZA AND PNEUMONIA (J10-J18)	29	1.5	21.4
(09) CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	25	1.3	7.2
(10) ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	20	1.1	4.0
ALL OTHER CAUSES	388	20.5	184.9
TOTAL	1891	100.0	848.7

TABLE 18 DETAILED CAUSES OF DEATH BY SEX AND RACE: ALASKA 1999

CAUSE OF DEATH (ICD-10 CODES)	TOTAL	SEX		RACE			
		MALE	FEMALE	WHITE	NATIVE	ASIAN/PI	BLACK
INFECTIOUS AND PARASITIC DISEASE (A00-B99)	61	37	24	35	26	0	0
TUBERCULOSIS (A16-A19)	2	1	1	0	2	0	0
MENINGOCOCCAL INFECTION (A39)	2	1	1	1	1	0	0
SEPTICEMIA (A40-A41)	27	13	14	17	10	0	0
VIRAL HEPATITIS (B15-B19)	6	3	3	5	1	0	0
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	13	11	2	8	5	0	0
MALIGNANT NEOPLASMS (C00-C97)	621	328	293	474	122	17	6
ESOPHAGUS (C15)	13	10	3	8	5	0	0
STOMACH (C16)	24	13	11	8	13	3	0
COLON, RECTUM AND ANUS (C18-C21)	61	29	32	40	18	2	1
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	16	8	8	9	5	1	1
PANCREAS (C25)	40	21	19	32	6	1	1
BRONCHUS AND LUNG (C33-C34)	177	105	72	148	27	0	1
SKIN (C43)	7	6	1	7	0	0	0
BREAST (C50)	43	0	43	37	4	1	1
CERVICAL (C53)	6	0	6	5	1	0	0
UTERINE (C53)	1	0	1	1	0	0	0
OVARIAN (C56)	7	0	7	7	0	0	0
PROSTATE (C61)	20	20	0	15	4	1	0
KIDNEY AND RENAL PELVIS (C64-C65)	17	13	4	11	6	0	0
BLADDER (C67)	8	4	4	6	1	1	0
BRAIN (C70-C72)	19	10	9	14	3	2	0
LYMPHOID AND HEMATOPOIETIC (C81-C96)	62	37	25	54	6	2	0
HODGKIN'S DISEASE (C81)	2	2	0	2	0	0	0
NON-HODGKIN'S LYMPHOMA (C82-C85)	22	16	6	20	2	0	0
LEUKEMIA (C91-C95)	21	10	11	18	3	0	0
MULTIPLE MYELOMA (C88)	17	9	8	14	1	2	0
BENIGN AND UNCERTAIN NEOPLASMS (D00-D48)	21	15	6	13	5	3	0
DIABETES MELLITUS (E10-E14)	66	24	42	48	9	4	5
PARKINSON'S DISEASE (G20-G21)	15	8	7	10	4	0	1
ALZHEIMER'S DISEASE (G30)	24	8	16	18	5	1	0
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	747	412	335	574	120	26	25
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	560	326	234	435	86	19	18
RHEUMATIC HEART DISEASES (I00-I09)	12	2	10	8	4	0	0
HYPERTENSIVE HEART AND RENAL DISEASE (I13)	1	0	1	1	0	0	0
ISCHEMIC HEART DISEASES (I20-I25)	382	245	137	306	50	13	11
ACUTE MYCARDIAL INFARCTION (I21-I22)	124	74	50	96	14	8	5
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	104	69	35	84	14	2	4
OTHER HEART DISEASES (I26-I51)	149	69	80	108	28	6	7
HEART FAILURE (I50)	44	16	28	33	9	1	1
CEREBROVASCULAR DISEASES (I60-I69)	172	75	97	125	34	7	6
ATHEROSCLEROSIS (I70)	15	11	4	14	0	0	1

(CONTINUED =&gt;)

TABLE 18 DETAILED CAUSES OF DEATH BY SEX AND RACE: ALASKA 1999

CAUSE OF DEATH (ICD-10 CODES)	TOTAL	SEX		RACE			
		MALE	FEMALE	WHITE	NATIVE	ASIAN/PI	BLACK
INFLUENZA AND PNEUMONIA (J10-J18)	45	19	26	29	14	1	1
INFLUENZA (J10-J11)	2	0	2	2	0	0	0
PNEUMONIA (J12-J18)	43	19	24	27	14	1	1
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	145	77	68	110	28	4	3
EMPHYSEMA (J43)	18	11	7	16	2	0	0
ASTHMA (J45-J46)	10	6	4	8	1	0	1
PNEUMONITIS DUE TO SOLIDS AND LIQUIDS (J69)	10	6	4	7	2	1	0
CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	42	25	17	25	16	0	1
ALCOHOLIC LIVER DISEASE (K70)	26	17	9	13	12	0	1
OTHER CHRONIC LIVER DISEASE AND CIRRHOSIS (K73-K74)	16	8	8	12	4	0	0
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07,N17-N19,N25-N27)	32	16	16	19	7	3	3
RENAL FAILURE (N17-N19)	31	15	16	18	7	3	3
CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P96)	13	6	7	8	3	1	1
CONGENITAL MALFORMATIONS (Q00-Q99)	24	11	13	13	9	0	2
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	293	223	70	178	99	8	8
TRANSPORT ACCIDENTS (V01-V99,Y85)	129	104	25	85	36	5	3
MOTOR VEHICLE ACCIDENTS (**)	87	68	19	54	25	5	3
WATER TRANSPORT (V90-V94)	17	15	2	12	5	0	0
AIR TRANSPORT (V95-V97)	24	20	4	19	5	0	0
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	164	119	45	93	63	3	5
FALLS (W00-W19)	13	9	4	10	1	1	1
DISCHARGE OF FIREARMS (W32-W34)	3	3	0	2	1	0	0
DROWNING AND SUBMERSION (W65-W74)	26	25	1	10	15	1	0
SMOKE, FIRE AND FLAME (X00-X09)	7	6	1	1	5	0	1
POISONING (X40-X49)	49	25	24	23	23	1	2
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	95	73	22	59	34	1	1
BY DISCHARGE OF FIREARMS (X72-X74)	55	45	10	36	17	1	1
ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	51	36	15	20	27	1	3
BY DISCHARGE OF FIREARMS (X93-X95)	27	21	6	13	12	0	2
UNDETERMINED INTENT (Y10-Y34,Y87.2,Y89.9)	23	12	11	12	10	1	0

\*\* V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

TABLE 19 DETAILED CAUSES OF DEATH BY AGE GROUP: ALASKA 1999

CAUSE OF DEATH (ICD-10 CODES)	AGE GROUP										
	TOTAL	0 - 4	5 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	85+
INFECTIOUS AND PARASITIC DISEASE (A00-B99)	61	3	0	2	3	13	11	8	8	6	7
TUBERCULOSIS (A16-A19)	2	0	0	0	0	0	1	0	1	0	0
MENINGOCOCCAL INFECTION (A39)	2	0	0	1	0	0	0	0	0	1	0
SEPTICEMIA (A40-A41)	27	1	0	1	1	1	4	5	5	3	6
VIRAL HEPATITIS (B15-B19)	6	0	0	0	0	1	4	1	0	0	0
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	13	1	0	0	2	8	1	1	0	0	0
MALIGNANT NEOPLASMS (C00-C97)	621	2	2	7	5	31	78	151	168	130	47
ESOPHAGUS (C15)	13	0	0	0	0	0	0	8	2	3	0
STOMACH (C16)	24	0	0	1	2	1	3	4	10	3	0
COLON, RECTUM AND ANUS (C18-C21)	61	0	0	0	0	2	11	11	10	18	9
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	16	0	0	0	1	3	3	2	4	3	0
PANCREAS (C25)	40	0	0	0	0	1	7	5	16	5	6
BRONCHUS AND LUNG (C33-C34)	177	0	0	0	0	5	20	45	65	33	9
SKIN (C43)	7	0	0	0	0	1	2	2	0	2	0
BREAST (C50)	43	0	0	0	0	7	8	14	6	6	2
CERVICAL (C53)	6	0	0	1	0	0	1	3	0	0	1
UTERINE (C53)	1	0	0	0	0	0	1	0	0	0	0
OVARIAN (C56)	7	0	0	0	0	0	1	3	1	1	1
PROSTATE (C61)	20	0	0	0	0	0	0	1	6	9	4
KIDNEY AND RENAL PELVIS (C64-C65)	17	0	0	0	0	0	1	3	8	4	1
BLADDER (C67)	8	0	0	0	0	0	0	1	2	2	3
BRAIN (C70-C72)	19	0	0	3	1	0	1	10	3	1	0
LYMPHOID AND HEMATOPOIETIC (C81-C96)	62	2	1	0	1	4	9	13	11	14	7
HODGKIN'S DISEASE (C81)	2	0	0	0	0	1	0	1	0	0	0
NON-HODGKIN'S LYMPHOMA (C82-C85)	22	0	0	0	1	2	4	6	2	4	3
LEUKEMIA (C91-C95)	21	2	1	0	0	1	4	1	4	5	3
MULTIPLE MYELOMA (C88)	17	0	0	0	0	0	1	5	5	5	1
BENIGN AND UNCERTAIN NEOPLASMS (D00-D48)	21	0	0	1	1	0	2	1	7	4	5
DIABETES MELLITUS (E10-E14)	66	0	0	0	1	2	7	10	15	21	10
PARKINSON'S DISEASE (G20-G21)	15	0	0	0	0	0	0	0	2	7	6
ALZHEIMER'S DISEASE (G30)	24	0	0	0	0	0	0	1	0	15	8
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	747	1	0	1	6	27	73	102	193	211	133
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	560	0	0	1	5	25	61	84	149	145	90
RHEUMATIC HEART DISEASES (I00-I09)	12	0	0	0	0	0	1	2	5	2	2
HYPERTENSIVE HEART AND RENAL DISEASE (I13)	1	0	0	0	0	0	0	0	0	1	0
ISCHEMIC HEART DISEASES (I20-I25)	382	0	0	0	2	14	48	62	114	102	40
ACUTE MYCARDIAL INFARCTION (I21-I22)	124	0	0	0	2	9	21	18	33	27	14
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	104	0	0	0	0	3	12	19	34	30	6
OTHER HEART DISEASES (I26-I51)	149	0	0	1	2	10	10	16	27	36	47
HEART FAILURE (I50)	44	0	0	0	0	0	0	2	3	16	23
CEREBROVASCULAR DISEASES (I60-I69)	172	1	0	0	1	2	10	14	39	64	41
ATHEROSCLEROSIS (I70)	15	0	0	0	0	0	2	4	5	2	2

(CONTINUED =&gt;)



TABLE 19 DETAILED CAUSES OF DEATH BY AGE GROUP: ALASKA 1999

CAUSE OF DEATH (ICD-10 CODES)	AGE GROUP										
	TOTAL	0 - 4	5 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	85+
INFLUENZA AND PNEUMONIA (J10-J18)	45	2	1	1	1	2	2	3	4	11	18
INFLUENZA (J10-J11)	2	0	0	0	0	0	0	0	0	0	2
PNEUMONIA (J12-J18)	43	2	1	1	1	2	2	3	4	11	16
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	145	0	0	0	1	4	5	19	40	51	25
EMPHYSEMA (J43)	18	0	0	0	0	1	0	3	6	3	5
ASTHMA (J45-J46)	10	0	0	0	1	1	2	1	3	1	1
PNEUMONITIS DUE TO SOLIDS AND LIQUIDS (J69)	10	1	0	0	0	0	0	0	3	2	4
CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	42	0	0	1	1	9	10	10	6	5	0
ALCOHOLIC LIVER DISEASE (K70)	26	0	0	1	1	8	6	7	1	2	0
OTHER CHRONIC LIVER DISEASE AND CIRRHOSIS (K73-K74)	16	0	0	0	0	1	4	3	5	3	0
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07,N17-N19,N25-N27)	32	0	0	0	0	1	2	3	9	10	7
RENAL FAILURE (N17-N19)	31	0	0	0	0	1	2	2	9	10	7
CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P96)	13	13	0	0	0	0	0	0	0	0	0
CONGENITAL MALFORMATIONS (Q00-Q99)	24	16	2	1	1	0	2	0	1	1	0
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	293	6	7	39	66	64	40	26	24	14	7
TRANSPORT ACCIDENTS (V01-V99,Y85)	129	3	3	21	27	27	17	17	12	2	0
MOTOR VEHICLE ACCIDENTS (**)	87	3	3	19	18	16	8	11	7	2	0
WATER TRANSPORT (V90-V94)	17	0	0	2	4	4	4	2	1	0	0
AIR TRANSPORT (V95-V97)	24	0	0	0	5	7	5	4	3	0	0
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	164	3	4	18	39	37	23	9	12	12	7
FALLS (W00-W19)	13	0	0	0	1	3	2	0	2	2	3
DISCHARGE OF FIREARMS (W32-W34)	3	0	0	1	1	1	0	0	0	0	0
DROWNING AND SUBMERSION (W65-W74)	26	0	1	7	6	5	4	1	2	0	0
SMOKE, FIRE AND FLAME (X00-X09)	7	0	0	0	3	0	1	0	2	0	1
POISONING (X40-X49)	49	2	1	4	13	16	9	2	1	0	1
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	95	0	1	24	19	20	18	5	3	3	2
BY DISCHARGE OF FIREARMS (X72-X74)	55	0	1	17	11	9	6	4	3	2	2
ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	51	4	3	8	13	13	6	1	2	1	0
BY DISCHARGE OF FIREARMS (X93-X95)	27	3	2	6	6	7	0	1	1	1	0
UNDETERMINED INTENT (Y10-Y34,Y87.2,Y89.9)	23	4	0	1	2	10	3	1	1	1	0

\*\* V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890, V892

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>ALEUTIANS EAST BOROUGH</b>																		
TOTAL DEATHS	2	93.0*	75.4	23	353.4	561.3	1	84.5*	66.6	15	418.5	578.5	1	103.3*	86.9	8	273.6	563.7
DEATHS BY RACE																		
WHITE	1			3			1			3			0			0		
NATIVE	1			19			0			12			1			7		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			1			0			0			0			1		
DEATHS BY AGE GROUP																		
00-04	0	-		0	-		0	-		0	-		0	-		0	-	
05-14	0	-		0	-		0	-		0	-		0	-		0	-	
15-24	0	-		2	247.5		0	-		2	473.9		0	-		0	-	
25-34	0	-		1	111.5		0	-		0	-		0	-		1	263.9	
35-44	2	464.0*		4	316.5		1	409.8*		2	282.1		1	534.8*		2	360.4	
45-54	0	-		4	385.0		0	-		2	366.3		0	-		2	405.7	
55-64	0	-		5	976.6		0	-		4	1337.8		0	-		1	469.5	
65-74	0	-		3	1775.1		0	-		3	2400.0		0	-		0	-	
75-84	0	-		4	4597.7		0	-		2	3174.6		0	-		2	8333.3	
85+	0	-		0	-		0	-		0	-		0	-		0	-	
<b>ALEUTIANS WEST CENSUS AREA</b>																		
TOTAL DEATHS	16	302.7	964.0	46	288.1	1251.4	12	382.8	1458.2	33	345.3	1893.4	4	186.0*	407.6	13	202.9	580.1
DEATHS BY RACE																		
WHITE	3			8			3			8			0			0		
NATIVE	13			34			9			22			4			12		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			4			0			3			0			1		
DEATHS BY AGE GROUP																		
00-04	2	445.4*		4	289.6		1	442.5*		2	302.1		1	448.4*		2	278.2	
05-14	1	139.3*		1	45.0		1	274.7*		1	88.0		0	-		0	-	
15-24	0	-		2	141.0		0	-		2	237.2		0	-		0	-	
25-34	3	289.6*		5	143.9		1	145.6*		3	129.3		2	573.1*		2	173.5	
35-44	3	221.4*		7	176.5		3	355.0*		6	239.9		0	-		1	68.3	
45-54	2	236.7*		3	126.4		2	383.1*		3	201.1		0	-		0	-	
55-64	1	343.6*		5	614.3		1	636.9*		2	454.5		0	-		3	802.1	
65-74	0	-		5	2212.4		0	-		2	1694.9		0	-		3	2777.8	
75-84	3	11538.5*		12	16901.4		2	18181.8*		11	29729.7		1	6666.7*		1	2941.2	
85+	1	16666.7*		2	11764.7		1	25000.0*		1	16666.7		0	-		1	9090.9	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

(CONTINUED =&gt; )

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>MUNICIPALITY OF ANCHORAGE</b>																		
TOTAL DEATHS	1002	386.3	814.6	2941	381.3	833.9	539	405.0	898.9	1654	417.6	927.6	463	366.6	736.9	1287	342.9	738.5
DEATHS BY RACE																		
WHITE	770			2289			429			1310			341			979		
NATIVE	125			353			58			181			67			172		
BLACK	48			137			24			75			24			62		
ASIAN/PI	56			154			26			83			30			71		
DEATHS BY AGE GROUP																		
00-04	22	102.4		98	149.0		9	82.0*		63	188.3		13	123.8		35	108.3	
05-14	5	11.3*		28	21.1		2	8.8*		17	25.1		3	13.9*		11	17.0	
15-24	33	95.5		87	85.9		26	147.4		69	133.0		7	41.4*		18	36.4	
25-34	50	128.9		139	114.2		33	160.5		91	140.2		17	93.2		48	84.5	
35-44	88	173.9		262	172.8		58	224.4		166	214.4		30	121.3		96	129.3	
45-54	133	341.6		373	335.9		79	388.8		257	443.0		54	290.1		116	218.8	
55-64	155	875.3		442	889.1		89	971.3		270	1054.0		66	772.3		172	713.8	
65-74	196	2316.8		606	2443.5		108	2697.3		346	2960.0		88	1974.9		260	1983.1	
75-84	194	4971.8		556	5129.2		93	5646.6		267	5831.0		101	4478.9		289	4615.9	
85+	126	16030.5		350	16173.8		42	15789.5		108	14835.2		84	16153.8		242	16852.4	
<b>BETHEL CENSUS AREA</b>																		
TOTAL DEATHS	87	538.1	1012.1	237	496.9	930.1	62	734.2	1393.2	148	595.7	1138.8	25	323.8	618.1	89	389.4	722.7
DEATHS BY RACE																		
WHITE	3			15			3			11			0			4		
NATIVE	84			222			59			137			25			85		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	6	303.5*		19	319.3		4	385.0*		11	359.6		2	213.2*		8	276.7	
05-14	2	52.6*		8	71.3		1	51.7*		5	87.5		1	53.5*		3	54.4	
15-24	8	351.6*		19	291.1		5	463.4*		12	389.0		3	250.8*		7	203.3	
25-34	8	389.9*		23	352.9		6	542.5*		15	421.0		2	211.4*		8	270.7	
35-44	7	273.8*		22	297.0		7	497.5*		17	419.3		0	-		5	149.1	
45-54	6	348.0*		12	242.2		5	512.8*		7	252.3		1	133.5*		5	229.4	
55-64	5	550.1*		23	878.5		4	849.3*		17	1276.3		1	228.3*		6	466.6	
65-74	17	3219.7		39	2576.0		12	4379.6		22	2736.3		5	1968.5*		17	2394.4	
75-84	19	6713.8		48	5918.6		12	9302.3		27	7258.1		7	4545.5*		21	4783.6	
85+	9	14754.1*		24	13953.5		6	18750.0*		15	17441.9		3	10344.8*		9	10465.1	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

(CONTINUED =&gt; )

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>BRISTOL BAY BOROUGH</b>																		
TOTAL DEATHS	5	397.5*	623.5	16	421.2	821.3	4	597.0*	789.7	9	446.0	645.9	1	170.1*	550.3	7	393.0	1070.5
DEATHS BY RACE																		
WHITE	2			6			2			4			0			2		
NATIVE	3			10			2			5			1			5		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	0	-		0	-		0	-		0	-		0	-		0	-	
05-14	0	-		0	-		0	-		0	-		0	-		0	-	
15-24	1	735.3*		1	251.9		1	1408.5*		1	497.5		0	-		0	-	
25-34	1	793.7*		3	716.0		1	1639.3*		3	1345.3		0	-		0	-	
35-44	0	-		3	325.4		0	-		2	396.0		0	-		1	239.8	
45-54	1	492.6*		1	168.1		1	877.2*		1	303.0		0	-		0	-	
55-64	0	-		2	803.2		0	-		0	-		0	-		2	1980.2	
65-74	2	5263.2*		4	3883.5		1	3846.2*		1	1428.6		1	8333.3*		3	9090.9	
75-84	0	-		1	2564.1		0	-		1	4347.8		0	-		0	-	
85+	0	-		1	11111.1		0	-		0	-		0	-		1	16666.7	
<b>DENALI BOROUGH</b>																		
TOTAL DEATHS	6	320.7*	995.1	12	213.0	494.3	4	379.9*	1546.5	9	284.6	675.8	2	244.5*	227.9	3	121.4	119.9
DEATHS BY RACE																		
WHITE	3			9			3			8			0			1		
NATIVE	2			2			1			1			1			1		
BLACK	0			0			0			0			0			0		
ASIAN/PI	1			1			0			0			1			1		
DEATHS BY AGE GROUP																		
00-04	0	-		1	306.7		0	-		0	-		0	-		1	602.4	
05-14	0	-		0	-		0	-		0	-		0	-		0	-	
15-24	0	-		1	145.1		0	-		1	280.9		0	-		0	-	
25-34	0	-		0	-		0	-		0	-		0	-		0	-	
35-44	3	669.6*		3	214.7		2	816.3*		2	256.1		1	492.6*		1	162.3	
45-54	0	-		1	86.4		0	-		1	144.9		0	-		0	-	
55-64	1	561.8*		3	612.2		0	-		2	621.1		1	1694.9*		1	595.2	
65-74	0	-		1	934.6		0	-		1	1388.9		0	-		0	-	
75-84	1	7142.9*		1	2173.9		1	20000.0*		1	5263.2		0	-		0	-	
85+	1	33333.3*		1	12500.0		1	33333.3*		1	12500.0		0	-		0	-	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

(CONTINUED => )

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>DILLINGHAM CENSUS AREA</b>																		
TOTAL DEATHS	22	465.0	919.1	70	502.3	954.0	10	406.0	608.7	38	521.3	944.1	12	529.1	1190.8	32	481.5	959.2
DEATHS BY RACE																		
WHITE	2			13			2			9			0			4		
NATIVE	20			57			8			29			12			28		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	2	395.3*		3	195.4		2	787.4*		2	256.1		0	-		1	132.6	
05-14	1	92.4*		2	62.7		1	177.3*		1	60.1		0	-		1	65.6	
15-24	1	163.7*		5	292.9		1	343.6*		5	604.6		0	-		0	-	
25-34	3	528.2*		10	546.7		1	319.5*		6	598.8		2	784.3*		4	483.7	
35-44	0	-		3	120.8		0	-		2	149.9		0	-		1	87.0	
45-54	1	175.1*		5	308.8		1	326.8*		4	458.7		0	-		1	133.9	
55-64	3	996.7*		11	1291.1		1	625.0*		3	660.8		2	1418.4*		8	2010.1	
65-74	3	1851.9*		10	2109.7		1	1219.5*		6	2510.5		2	2500.0*		4	1702.1	
75-84	5	7575.8*		11	6214.7		0	-		4	4938.3		5	14285.7*		7	7291.7	
85+	3	13636.4*		10	14492.8		2	16666.7*		5	14285.7		1	10000.0*		5	14705.9	
<b>FAIRBANKS NORTH STAR BOROUGH</b>																		
TOTAL DEATHS	335	399.9	909.1	932	374.5	914.6	202	457.8	1027.9	545	416.0	987.1	133	335.4	775.7	387	328.3	823.0
DEATHS BY RACE																		
WHITE	277			763			173			459			104			304		
NATIVE	36			99			16			47			20			52		
BLACK	17			49			11			29			6			20		
ASIAN/PI	5			18			2			7			3			11		
DEATHS BY AGE GROUP																		
00-04	12	161.3		30	133.2		4	104.6*		16	139.6		8	221.3*		14	126.6	
05-14	1	6.7*		10	22.3		1	13.1*		8	34.9		0	-		2	9.2	
15-24	14	113.9		35	97.2		7	106.2*		22	114.0		7	122.8*		13	77.7	
25-34	14	104.6		48	115.6		12	165.6		39	172.9		2	32.6*		9	47.5	
35-44	33	212.0		87	186.3		18	224.1		50	208.2		15	199.1		37	163.2	
45-54	43	371.3		127	386.6		32	507.1		92	509.7		11	208.6		35	236.5	
55-64	47	949.3		124	882.2		31	1150.3		79	1036.7		16	709.2		45	699.3	
65-74	75	3149.9		193	2802.0		52	4241.4		119	3382.6		23	1991.3		74	2195.8	
75-84	65	6091.8		178	5905.8		37	8061.0		88	6692.0		28	4605.3		90	5297.2	
85+	31	14090.9		100	17006.8		8	8695.7*		32	13973.8		23	17968.8		68	18941.5	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

(CONTINUED =&gt;)

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>HAINES BOROUGH</b>																		
TOTAL DEATHS	17	686.9	819.5	44	599.5	709.1	10	778.8	980.2	29	762.4	957.5	7	587.7*	692.2	15	424.2	474.9
DEATHS BY RACE																		
WHITE	16			40			10			27			6			13		
NATIVE	1			4			0			2			1			2		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	2	1574.8*		2	506.3		0	-		0	-		2	3333.3*		2	990.1	
05-14	0	-		0	-		0	-		0	-		0	-		0	-	
15-24	1	315.5*		1	106.5		1	645.2*		1	216.9		0	-		0	-	
25-34	2	877.2*		3	399.5		2	1600.0*		2	492.6		0	-		1	289.9	
35-44	0	-		1	71.1		0	-		1	137.9		0	-		0	-	
45-54	2	381.7*		5	345.3		1	346.0*		2	256.1		1	425.5*		3	449.8	
55-64	2	961.5*		7	1176.5		1	900.9*		5	1572.3		1	1030.9*		2	722.0	
65-74	1	649.4*		8	1864.8		0	-		6	2575.1		1	1369.9*		2	1020.4	
75-84	5	5102.0*		14	5090.9		4	9090.9*		10	8064.5		1	1851.9*		4	2649.0	
85+	2	9090.9*		3	6000.0		1	9090.9*		2	8695.7		1	9090.9*		1	3703.7	
<b>JUNEAU BOROUGH</b>																		
TOTAL DEATHS	123	407.4	820.9	361	401.5	779.6	69	447.6	911.2	202	441.2	853.0	54	365.6	715.6	159	360.2	695.4
DEATHS BY RACE																		
WHITE	99			290			52			153			47			137		
NATIVE	20			55			15			39			5			16		
BLACK	0			1			0			1			0			0		
ASIAN/PI	4			15			2			9			2			6		
DEATHS BY AGE GROUP																		
00-04	1	44.8*		6	95.8		1	86.7*		6	188.2		0	-		0	-	
05-14	0	-		0	-		0	-		0	-		0	-		0	-	
15-24	2	50.8*		8	73.2		2	98.7*		8	146.2		0	-		0	-	
25-34	5	141.2*		12	104.6		4	217.6*		9	150.1		1	58.7*		3	54.8	
35-44	4	69.7*		27	146.3		4	137.0*		18	192.8		0	-		9	98.7	
45-54	7	130.8*		25	156.6		4	144.2*		17	203.7		3	116.4*		8	105.0	
55-64	20	897.7		51	782.0		13	1092.4		39	1122.6		7	674.4*		12	393.7	
65-74	34	3304.2		86	2742.3		23	4637.1		48	3180.9		11	2063.8		38	2335.6	
75-84	26	4467.4		82	4643.3		10	4310.3		36	5135.5		16	4571.4		46	4319.2	
85+	24	17142.9		64	15880.9		8	14545.5*		21	13043.5		16	18823.5		43	17768.6	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

(CONTINUED =&gt; )

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>KENAI PENINSULA BOROUGH</b>																		
TOTAL DEATHS	238	486.2	900.9	730	502.8	951.5	136	532.8	977.0	437	576.7	1114.8	102	435.4	806.7	293	422.2	791.5
DEATHS BY RACE																		
WHITE	212			655			121			392			91			263		
NATIVE	23			65			13			39			10			26		
BLACK	0			2			0			1			0			1		
ASIAN/PI	2			6			1			4			1			2		
DEATHS BY AGE GROUP																		
00-04	2	61.5*		14	140.9		2	121.2*		10	196.0		0	-		4	82.7	
05-14	1	11.8*		9	34.9		0	-		6	45.2		1	24.2*		3	23.9	
15-24	7	107.0*		19	99.8		5	147.8*		14	142.5		2	63.3*		5	54.2	
25-34	6	114.8*		23	140.5		5	179.9*		17	195.2		1	40.9*		6	78.3	
35-44	18	190.7		48	165.6		12	249.1		36	243.5		6	129.9*		12	84.5	
45-54	25	289.5		83	340.9		16	339.0		55	411.1		9	229.8*		28	255.3	
55-64	34	846.2		97	875.3		18	830.3		55	917.7		16	864.9		42	825.3	
65-74	54	2485.0		167	2646.2		36	3194.3		111	3433.3		18	1720.8		56	1819.4	
75-84	57	5654.8		173	6167.6		31	6681.0		98	7503.8		26	4779.4		75	5003.3	
85+	34	19540.2		97	19556.5		11	16417.9		35	20000.0		23	21495.3		62	19314.6	
<b>KETCHIKAN GATEWAY BOROUGH</b>																		
TOTAL DEATHS	101	723.4	1086.8	274	643.1	984.2	51	704.3	1093.0	147	665.4	1053.4	50	744.0	1051.3	127	619.2	904.5
DEATHS BY RACE																		
WHITE	77			209			39			113			38			96		
NATIVE	20			56			9			29			11			27		
BLACK	1			1			0			0			1			1		
ASIAN/PI	3			8			3			5			0			3		
DEATHS BY AGE GROUP																		
00-04	0	-		4	136.8		0	-		2	129.8		0	-		2	144.7	
05-14	1	45.6*		2	29.3		0	-		1	28.7		1	93.9*		1	29.9	
15-24	2	119.4*		5	99.5		1	123.6*		3	121.4		1	115.5*		2	78.4	
25-34	2	123.1*		7	129.4		1	116.7*		5	173.6		1	130.2*		2	79.1	
35-44	4	144.0*		14	165.6		2	137.1*		7	158.1		2	151.7*		7	173.7	
45-54	13	541.4		34	479.1		8	619.2*		22	582.5		5	450.9*		12	361.6	
55-64	10	800.0		30	840.8		6	881.1*		18	917.9		4	703.0*		12	746.7	
65-74	27	4134.8		64	3204.8		18	5405.4		43	4270.1		9	2812.5*		21	2121.2	
75-84	27	7377.0		72	6850.6		9	5844.2*		31	7226.1		18	8490.6		41	6591.6	
85+	15	17857.1		42	16470.6		6	16666.7*		15	13513.5		9	18750.0*		27	18750.0	

(1) Rate per 100,000 population.

(CONTINUED => )

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>KODIAK ISLAND BOROUGH</b>																		
TOTAL DEATHS	54	386.0	839.3	148	357.9	800.3	34	448.1	940.0	95	424.5	882.0	20	312.5	722.7	53	279.3	709.5
DEATHS BY RACE																		
WHITE	33			84			24			56			9			28		
NATIVE	14			48			7			27			7			21		
BLACK	2			3			0			1			2			2		
ASIAN/PI	4			11			3			10			1			1		
DEATHS BY AGE GROUP																		
00-04	1	76.2*		6	154.6		0	-		4	202.5		1	155.8*		2	104.9	
05-14	0	-		0	-		0	-		0	-		0	-		0	-	
15-24	1	57.1*		9	175.6		1	106.2*		7	255.8		0	-		2	83.8	
25-34	3	144.9*		8	126.1		2	169.3*		4	112.0		1	112.5*		4	144.2	
35-44	4	141.8*		16	189.3		3	189.8*		11	231.3		1	80.7*		5	135.3	
45-54	7	356.8*		18	320.9		5	456.6*		14	449.0		2	230.7*		4	160.5	
55-64	12	1382.5		28	1138.2		7	1489.4*		17	1272.5		5	1256.3*		11	978.6	
65-74	16	3990.0		33	2808.5		11	5314.0		22	3600.7		5	2577.3*		11	1950.4	
75-84	5	2747.3*		16	3180.9		2	2150.5*		10	3846.2		3	3370.8*		6	2469.1	
85+	5	14705.9*		14	15909.1		3	15000.0*		6	12766.0		2	14285.7*		8	19512.2	
<b>LAKE AND PENINSULA BOROUGH</b>																		
TOTAL DEATHS	11	614.2	1096.5	42	774.2	1240.2	8	843.9*	1634.3	28	970.9	1541.7	3	355.9*	467.6	14	551.0	873.3
DEATHS BY RACE																		
WHITE	2			11			2			7			0			4		
NATIVE	9			31			6			21			3			10		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	1	574.7*		3	541.5		0	-		1	342.5		1	1190.5*		2	763.4	
05-14	0	-		0	-		0	-		0	-		0	-		0	-	
15-24	1	401.6*		3	407.1		1	781.3*		2	543.5		0	-		1	271.0	
25-34	1	568.2*		7	1180.4		1	1020.4*		5	1533.7		0	-		2	749.1	
35-44	0	-		4	392.5		0	-		2	349.0		0	-		2	448.4	
45-54	2	961.5*		4	672.3		1	917.4*		3	937.5		1	1010.1*		1	363.6	
55-64	1	729.9*		6	1604.3		1	1250.0*		5	2272.7		0	-		1	649.4	
65-74	1	1538.5*		6	3030.3		1	2564.1*		5	4000.0		0	-		1	1369.9	
75-84	3	9090.9*		6	6976.7		2	13333.3*		4	10256.4		1	5555.6*		2	4255.3	
85+	1	14285.7*		3	11538.5		1	25000.0*		1	8333.3		0	-		2	14285.7	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

(CONTINUED =&gt;)



TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>MATANUSKA-SUSITNA BOROUGH</b>																		
TOTAL DEATHS	246	441.7	971.9	687	424.1	917.1	136	468.2	1102.0	401	475.0	1065.3	110	412.9	867.9	286	368.8	785.9
DEATHS BY RACE																		
WHITE	230			644			128			377			102			267		
NATIVE	14			34			7			19			7			15		
BLACK	1			2			0			1			1			1		
ASIAN/PI	1			6			1			3			0			3		
DEATHS BY AGE GROUP																		
00-04	4	105.1*		16	141.7		4	200.0*		10	169.1		0	-		6	111.5	
05-14	3	29.0*		9	29.0		1	18.7*		5	31.1		2	39.9*		4	26.8	
15-24	6	74.3*		20	87.3		4	95.8*		16	136.2		2	51.4*		4	35.9	
25-34	7	116.5*		27	147.9		6	192.8*		23	243.5		1	34.5*		4	45.4	
35-44	24	211.6		63	185.5		13	223.3		33	189.0		11	199.2		30	181.7	
45-54	20	222.8		80	324.4		12	248.2		55	413.7		8	193.2*		25	220.0	
55-64	39	982.9		99	901.5		22	1000.9		61	1005.4		17	960.5		38	773.1	
65-74	47	2203.5		148	2440.2		31	2808.0		93	2955.2		16	1554.9		55	1884.9	
75-84	63	7283.2		144	6017.6		29	7196.0		74	6607.1		34	7359.3		70	5498.8	
85+	33	20122.0		81	18535.5		14	24561.4		31	21379.3		19	17757.0		50	17123.3	
<b>NOME CENSUS AREA</b>																		
TOTAL DEATHS	63	676.6	1160.9	196	705.8	1162.9	34	693.5	1181.7	123	838.9	1374.2	29	657.9	1166.6	73	556.9	937.2
DEATHS BY RACE																		
WHITE	5			18			4			16			1			2		
NATIVE	58			178			30			107			28			71		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	2	203.0*		12	400.4		1	193.8*		7	442.5		1	213.2*		5	353.4	
05-14	1	46.1*		5	77.1		1	92.2*		3	92.7		0	-		2	61.6	
15-24	4	310.3*		11	291.5		3	481.5*		9	486.7		1	150.2*		2	103.9	
25-34	9	804.3*		19	543.9		7	1174.5*		16	837.7		2	382.4*		3	189.5	
35-44	2	133.9*		23	508.6		2	241.8*		16	646.5		0	-		7	342.0	
45-54	6	527.2*		20	617.9		2	299.0*		12	634.6		4	852.9*		8	594.4	
55-64	10	1706.5		20	1186.9		4	1246.1*		10	1078.7		6	2264.2*		10	1319.3	
65-74	12	3658.5		38	3929.7		7	4117.6*		25	4940.7		5	3164.6*		13	2820.0	
75-84	11	7189.5		31	6581.7		4	5263.2*		18	7894.7		7	9090.9*		13	5349.8	
85+	6	11764.7*		17	11971.8		3	15000.0*		7	11864.4		3	9677.4*		10	12048.2	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

(CONTINUED =&gt; )

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>NORTH SLOPE BOROUGH</b>																		
TOTAL DEATHS	37	499.1	1343.0	110	501.6	1053.1	20	513.5	1953.7	64	555.7	1451.5	17	483.2	1059.1	46	441.7	791.1
DEATHS BY RACE																		
WHITE	1			7			1			7			0			0		
NATIVE	35			101			19			56			16			45		
BLACK	0			0			0			0			0			0		
ASIAN/PI	1			2			0			1			1			1		
DEATHS BY AGE GROUP																		
00-04	0	-		2	92.9		0	-		1	87.7		0	-		1	98.7	
05-14	0	-		4	74.5		0	-		0	-		0	-		4	152.3	
15-24	1	94.9*		6	206.1		1	191.6*		5	350.4		0	-		1	67.4	
25-34	0	-		4	134.3		0	-		1	61.7		0	-		3	221.1	
35-44	7	564.1*		26	698.2		4	614.4*		15	758.7		3	508.5*		11	629.7	
45-54	4	438.1*		14	535.0		1	190.8*		9	602.0		3	771.2*		5	445.6	
55-64	4	881.1*		12	927.4		3	1190.5*		8	1146.1		1	495.0*		4	671.1	
65-74	5	2487.6*		16	2787.5		3	2912.6*		10	3378.4		2	2040.8*		6	2158.3	
75-84	8	8888.9*		14	5622.5		5	12820.5*		9	8823.5		3	5882.4*		5	3401.4	
85+	8	34782.6*		12	18461.5		3	60000.0*		6	30000.0		5	27777.8*		6	13333.3	
<b>NORTHWEST ARCTIC BOROUGH</b>																		
TOTAL DEATHS	37	538.3	1084.9	103	504.9	1043.5	25	706.8	1280.3	64	605.8	1157.6	12	359.7	855.9	39	396.5	908.3
DEATHS BY RACE																		
WHITE	1			6			1			3			0			3		
NATIVE	36			97			24			61			12			36		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	3	366.7*		6	248.9		2	500.0*		3	259.1		1	239.2*		3	239.4	
05-14	0	-		1	18.9		0	-		1	37.4		0	-		0	-	
15-24	3	299.1*		11	375.3		3	616.0*		10	687.8		0	-		1	67.7	
25-34	5	561.2*		9	325.5		4	808.1*		7	452.2		1	252.5*		2	164.3	
35-44	5	505.1*		13	440.5		4	747.7*		11	682.4		1	219.8*		2	149.4	
45-54	3	433.5*		9	461.8		3	757.6*		6	544.5		0	-		3	354.2	
55-64	4	1111.1*		14	1360.5		2	1069.5*		8	1487.0		2	1156.1*		6	1222.0	
65-74	3	1224.5*		15	2040.8		2	1785.7*		7	2071.0		1	751.9*		8	2015.1	
75-84	5	5263.2*		13	4761.9		3	6818.2*		7	5982.9		2	3921.6*		6	3846.2	
85+	6	25000.0*		12	21052.6		2	20000.0*		4	16666.7		4	28571.4*		8	24242.4	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

(CONTINUED =&gt; )

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>PRINCE OF WALES-OUTER KETCHIKAN</b>																		
TOTAL DEATHS	23	349.1	454.3	80	394.2	747.7	14	388.3	433.9	50	449.4	853.6	9	301.6*	440.4	30	327.3	610.3
DEATHS BY RACE																		
WHITE	10			36			9			26			1			10		
NATIVE	13			44			5			24			8			20		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	1	210.1*		4	262.5		0	-		0	-		1	420.2*		4	542.7	
05-14	0	-		0	-		0	-		0	-		0	-		0	-	
15-24	2	229.6*		3	114.2		1	212.3*		2	140.4		1	250.0*		1	83.1	
25-34	3	408.2*		5	205.2		2	515.5*		3	231.1		1	288.2*		2	175.6	
35-44	2	158.2*		5	128.4		1	146.2*		2	95.4		1	172.4*		3	166.9	
45-54	3	266.0*		14	418.8		3	452.5*		9	455.0		0	-		5	366.3	
55-64	5	818.3*		15	848.9		3	817.4*		11	1027.1		2	819.7*		4	574.7	
65-74	5	1968.5*		19	2564.1		4	2702.7*		16	3738.3		1	943.4*		3	958.5	
75-84	2	2000.0*		7	2611.9		0	-		2	1481.5		2	3921.6*		5	3759.4	
85+	0	-		8	16000.0		0	-		5	20833.3		0	-		3	11538.5	
<b>SITKA BOROUGH</b>																		
TOTAL DEATHS	55	633.6	970.4	144	551.5	865.6	28	631.8	1176.5	77	576.1	1059.9	27	635.4	839.0	67	525.7	715.1
DEATHS BY RACE																		
WHITE	34			100			20			56			14			44		
NATIVE	20			40			8			18			12			22		
BLACK	0			0			0			0			0			0		
ASIAN/PI	1			4			0			3			1			1		
DEATHS BY AGE GROUP																		
00-04	4	701.8*		4	223.2		1	331.1*		1	108.6		3	1119.4*		3	344.4	
05-14	0	-		0	-		0	-		0	-		0	-		0	-	
15-24	1	91.9*		5	154.3		1	175.1*		5	290.4		0	-		0	-	
25-34	2	187.8*		2	59.3		2	357.1*		2	111.8		0	-		0	-	
35-44	3	179.1*		13	254.5		2	232.0*		8	304.5		1	123.0*		5	201.5	
45-54	6	414.7*		18	431.1		3	392.7*		11	496.8		3	439.2*		7	357.0	
55-64	3	382.7*		8	347.8		1	238.7*		4	329.8		2	547.9*		4	368.0	
65-74	10	2341.9		24	1921.5		4	2094.2*		14	2500.0		6	2542.4*		10	1451.4	
75-84	15	6944.4		37	6166.7		9	9890.1*		21	8267.7		6	4800.0*		16	4624.3	
85+	11	19298.2		33	18539.3		5	25000.0*		11	20370.4		6	16216.2*		22	17741.9	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

(CONTINUED =&gt; )

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>SKAGWAY-HOONAH-ANGOON CENSUS AREA</b>																		
TOTAL DEATHS	11	310.6	561.2	52	479.2	722.1	7	365.5*	771.5	31	531.0	856.6	4	246.0*	402.1	21	418.9	600.3
DEATHS BY RACE																		
WHITE	8			30			6			21			2			9		
NATIVE	3			22			1			10			2			12		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	0	-		1	159.7		0	-		1	324.7		0	-		0	-	
05-14	0	-		0	-		0	-		0	-		0	-		0	-	
15-24	0	-		0	-		0	-		0	-		0	-		0	-	
25-34	0	-		0	-		0	-		0	-		0	-		0	-	
35-44	0	-		3	136.5		0	-		1	82.3		0	-		2	203.7	
45-54	1	146.4*		8	409.8		1	266.7*		7	645.8		0	-		1	115.2	
55-64	1	289.9*		14	1359.2		1	490.2*		8	1326.7		0	-		6	1405.2	
65-74	2	1351.4*		9	2117.6		1	1190.5*		6	2608.7		1	1562.5*		3	1538.5	
75-84	6	7792.2*		12	5042.0		3	9375.0*		5	5000.0		3	6666.7*		7	5072.5	
85+	1	5000.0*		5	9615.4		1	12500.0*		3	14285.7		0	-		2	6451.6	
<b>SOUTHEAST FAIRBANKS CENSUS AREA</b>																		
TOTAL DEATHS	28	445.6	680.9	84	444.8	859.4	18	546.8	717.9	51	513.8	1085.2	10	334.3	602.8	33	368.3	690.9
DEATHS BY RACE																		
WHITE	23			64			15			40			8			24		
NATIVE	4			16			2			8			2			8		
BLACK	1			3			1			2			0			1		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	2	392.9*		3	190.0		2	732.6*		3	364.5		0	-		0	-	
05-14	0	-		1	28.1		0	-		0	-		0	-		1	56.1	
15-24	1	116.4*		7	272.1		1	230.9*		6	456.6		0	-		1	79.4	
25-34	2	284.9*		4	180.4		2	530.5*		2	169.2		0	-		2	193.2	
35-44	2	184.2*		3	88.5		2	355.9*		2	113.4		0	-		1	61.5	
45-54	5	496.5*		12	420.8		3	540.5*		8	508.3		2	442.5*		4	313.0	
55-64	7	1164.7*		15	904.7		4	1176.5*		9	951.4		3	1149.4*		6	842.7	
65-74	3	1265.8*		14	1971.8		1	751.9*		7	1732.7		2	1923.1*		7	2287.6	
75-84	4	3773.6*		13	4452.1		3	6250.0*		7	5691.1		1	1724.1*		6	3550.3	
85+	2	9523.8*		12	19354.8		0	-		7	28000.0		2	15384.6*		5	13513.5	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

(CONTINUED => )

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>VALDEZ-CORDOVA CENSUS AREA</b>																		
TOTAL DEATHS	33	319.4	492.9	135	436.0	798.3	22	397.4	567.6	87	524.5	834.1	11	229.3	408.2	48	333.8	761.0
DEATHS BY RACE																		
WHITE	26			99			18			63			8			36		
NATIVE	6			31			4			21			2			10		
BLACK	0			0			0			0			0			0		
ASIAN/PI	1			3			0			2			1			1		
DEATHS BY AGE GROUP																		
00-04	0	-		0	-		0	-		0	-		0	-		0	-	
05-14	0	-		2	37.5		0	-		1	36.0		0	-		1	39.1	
15-24	0	-		4	111.6		0	-		3	166.0		0	-		1	56.3	
25-34	2	183.5*		5	143.5		2	352.7*		5	273.8		0	-		0	-	
35-44	7	326.0*		15	224.2		4	353.4*		11	311.2		3	295.6*		4	126.7	
45-54	5	256.1*		18	324.8		4	363.0*		14	442.5		1	117.6*		4	168.2	
55-64	6	682.6*		22	898.3		5	974.7*		19	1320.4		1	273.2*		3	297.0	
65-74	5	1288.7*		24	2109.0		2	913.2*		12	1926.2		3	1775.1*		12	2330.1	
75-84	3	1657.5*		23	4406.1		2	2272.7*		12	4669.3		1	1075.3*		11	4150.9	
85+	5	10416.7*		22	16923.1		3	10714.3*		10	13333.3		2	10000.0*		12	21818.2	
<b>WADE HAMPTON CENSUS AREA</b>																		
TOTAL DEATHS	44	623.2	1257.6	115	547.6	1075.5	23	626.4	1131.7	72	660.1	1257.2	21	619.8	1276.6	43	426.0	868.3
DEATHS BY RACE																		
WHITE	0			0			0			0			0			0		
NATIVE	44			115			23			72			21			43		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	4	390.2*		10	322.3		3	548.4*		7	428.9		1	209.2*		3	203.9	
05-14	2	101.0*		3	51.0		1	99.5*		2	66.9		1	102.5*		1	34.5	
15-24	4	397.6*		16	535.8		1	206.6*		9	625.9		3	574.7*		7	452.2	
25-34	3	351.3*		9	334.4		1	218.3*		7	485.4		2	505.1*		2	160.1	
35-44	4	440.0*		7	265.3		3	589.4*		6	403.0		1	250.0*		1	87.0	
45-54	2	351.5*		5	310.6		1	325.7*		4	461.9		1	381.7*		1	134.4	
55-64	3	877.2*		11	1074.2		2	1069.5*		8	1462.5		1	645.2*		3	628.9	
65-74	6	2531.6*		18	2694.6		4	3738.3*		10	3164.6		2	1538.5*		8	2272.7	
75-84	11	9821.4		26	8150.5		7	12069.0*		16	10256.4		4	7407.4*		10	6135.0	
85+	5	20000.0*		10	13157.9		0	-		3	9090.9		5	33333.3*		7	16279.1	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

(CONTINUED =&gt;)

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>WRANGELL-PETERSBURG CENSUS AREA</b>																		
TOTAL DEATHS	50	700.6	935.1	125	582.9	794.7	27	711.8	983.9	75	659.7	956.5	23	687.8	852.3	50	496.3	632.1
DEATHS BY RACE																		
WHITE	38			101			20			60			18			41		
NATIVE	11			22			6			13			5			9		
BLACK	0			0			0			0			0			0		
ASIAN/PI	1			2			1			2			0			0		
DEATHS BY AGE GROUP																		
00-04	0	-		1	69.7		0	-		1	133.3		0	-		0	-	
05-14	0	-		0	-		0	-		0	-		0	-		0	-	
15-24	2	241.3*		3	121.3		1	226.8*		2	151.9		1	257.7*		1	86.4	
25-34	2	269.2*		7	294.5		2	501.3*		7	552.9		0	-		0	-	
35-44	2	148.4*		6	143.1		1	145.3*		5	234.4		1	151.5*		1	48.5	
45-54	2	164.1*		8	225.1		2	294.6*		6	302.4		0	-		2	127.4	
55-64	8	1240.3*		17	968.7		7	1837.3*		12	1166.2		1	378.8*		5	688.7	
65-74	6	1680.7*		20	1888.6		2	1111.1*		10	1890.4		4	2259.9*		10	1886.8	
75-84	17	7522.1		41	6065.1		8	7339.4*		23	7232.7		9	7692.3*		18	5027.9	
85+	11	16923.1		22	12790.7		4	16666.7*		9	14285.7		7	17073.2*		13	11926.6	
<b>YAKUTAT BOROUGH</b>																		
TOTAL DEATHS	2	274.3*	339.6	13	558.9	2158.0	1	245.1*	223.7	7	534.4	1637.3	1	311.5*	471.6	6	590.6	3031.4
DEATHS BY RACE																		
WHITE	0			6			0			3			0			3		
NATIVE	2			7			1			4			1			3		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	0	-		0	-		0	-		0	-		0	-		0	-	
05-14	0	-		0	-		0	-		0	-		0	-		0	-	
15-24	0	-		0	-		0	-		0	-		0	-		0	-	
25-34	0	-		1	327.9		0	-		1	641.0		0	-		0	-	
35-44	0	-		2	468.4		0	-		2	803.2		0	-		0	-	
45-54	0	-		0	-		0	-		0	-		0	-		0	-	
55-64	1	1666.7*		2	1136.4		1	2564.1*		1	854.7		0	-		1	1694.9	
65-74	1	2941.2*		2	2020.2		0	-		0	-		1	7142.9*		2	4761.9	
75-84	0	-		5	33333.3		0	-		3	30000.0		0	-		2	40000.0	
85+	0	-		1	20000.0		0	-		0	-		0	-		1	50000.0	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

(CONTINUED =&gt; )

TABLE 20 DEATHS AND DEATH RATES BY BOROUGH OR CENSUS AREA OF RESIDENCE: ALASKA 1999 AND 1997-1999

CENSUS AREA/BOROUGH	TOTAL						MALE						FEMALE					
	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99	DEATHS 1999	RATE (1) 1999	AGE AD- JUSTED RATE (2) 1999	DEATHS 97-99	RATE (1) 97-99	AGE AD- JUSTED RATE (2) 97-99
<b>YUKON-KOYUKUK CENSUS AREA</b>																		
TOTAL DEATHS	48	753.3	1078.5	143	747.2	1154.3	34	977.0	1334.3	96	919.6	1354.4	14	484.1	750.7	47	540.3	900.1
DEATHS BY RACE																		
WHITE	15			32			13			24			2			8		
NATIVE	33			111			21			72			12			39		
BLACK	0			0			0			0			0			0		
ASIAN/PI	0			0			0			0			0			0		
DEATHS BY AGE GROUP																		
00-04	1	198.4*		1	66.5		0	-		0	-		1	423.7*		1	137.4	
05-14	1	76.2*		1	24.7		1	149.3*		1	48.1		0	-		0	-	
15-24	3	318.5*		18	651.7		3	582.5*		14	912.6		0	-		4	325.7	
25-34	3	498.3*		6	299.6		3	869.6*		6	532.9		0	-		0	-	
35-44	4	355.9*		11	328.1		2	324.1*		8	429.9		2	394.5*		3	201.1	
45-54	8	846.6*		14	512.8		6	1151.6*		10	660.9		2	471.7*		4	328.7	
55-64	7	1461.4*		23	1648.7		5	1672.2*		16	1934.7		2	1111.1*		7	1232.4	
65-74	9	3010.0*		26	3009.3		7	4516.1*		16	3448.3		2	1388.9*		10	2500.0	
75-84	8	6349.2*		26	6970.5		6	8571.4*		17	8374.4		2	3571.4*		9	5294.1	
85+	4	10256.4*		17	15315.3		1	5000.0*		8	14035.1		3	15789.5*		9	16666.7	

(1) Rate per 100,000 population.

(2) Rate per 100,000 U.S. 2000 standard population.

\* Single year rates based on fewer than 10 occurrences are statistically unreliable and should be used with caution.

Note: Population estimates by race and census area are not available.

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
			<b>ALEUTIANS EAST BOROUGH</b>			
TOTAL DEATHS	2	100.0	23	100.0	23	100.0
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	1	50.0	2	8.7	2	8.7
TRANSPORT ACCIDENTS (V01-V99,Y85)	0	0.0	1	4.3	1	4.3
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	1	50.0	1	4.3	1	4.3
POISONING (X40-X49)	1	50.0	1	4.3	1	4.3
ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	1	50.0	1	4.3	1	4.3
<b>ALEUTIANS WEST CENSUS AREA</b>						
TOTAL DEATHS	16	100.0	46	100.0	46	100.0
MALIGNANT NEOPLASMS (C00-C97)	4	25.0	11	23.9	11	23.9
PANCREAS (C25)	0	0.0	2	4.3	2	4.3
BRONCHUS AND LUNG (C33-C34)	0	0.0	3	6.5	3	6.5
BREAST (C50)	0	0.0	1	2.2	1	2.2
PROSTATE (C61)	1	6.3	1	2.2	1	2.2
LYMPHOID AND HEMATOPOIETIC (C81-C96)	1	6.3	1	2.2	1	2.2
LEUKEMIA (C91-C95)	1	6.3	1	2.2	1	2.2
DIABETES MELLITUS (E10-E14)	2	12.5	4	8.7	4	8.7
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	6	37.5	12	26.1	12	26.1
TRANSPORT ACCIDENTS (V01-V99,Y85)	1	6.3	2	4.3	2	4.3
MOTOR VEHICLE ACCIDENTS (**)	1	6.3	2	4.3	2	4.3
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	5	31.3	10	21.7	10	21.7
FALLS (W00-W19)	0	0.0	1	2.2	1	2.2
DROWNING AND SUBMERSION (W65-W74)	0	0.0	1	2.2	1	2.2
SMOKE, FIRE AND FLAME (X00-X09)	0	0.0	1	2.2	1	2.2
POISONING (X40-X49)	5	31.3	5	10.9	5	10.9
<b>MUNICIPALITY OF ANCHORAGE</b>						
TOTAL DEATHS	1002	100.0	2941	100.0	2941	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	21	2.1	55	1.9	55	1.9
TUBERCULOSIS (A16-A19)	0	0.0	1	0.0	1	0.0
MENINGOCOCCAL INFECTION (A39)	1	0.1	1	0.0	1	0.0
SEPTICEMIA (A40-A41)	10	1.0	20	0.7	22	0.7
VIRAL HEPATITIS (B15-B19)	1	0.1	6	0.2	5	0.2
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	5	0.5	16	0.5	17	0.6
MALIGNANT NEOPLASMS (C00-C97)	228	22.8	709	24.1	714	24.3
ESOPHAGUS (C15)	3	0.3	18	0.6	18	0.6
STOMACH (C16)	8	0.8	25	0.9	25	0.9
COLON, RECTUM AND ANUS (C18-C21)	16	1.6	48	1.6	48	1.6
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	5	0.5	19	0.6	18	0.6
PANCREAS (C25)	18	1.8	35	1.2	35	1.2
BRONCHUS AND LUNG (C33-C34)	59	5.9	204	6.9	201	6.8
SKIN (C43)	2	0.2	11	0.4	11	0.4
BREAST (C50)	25	2.5	65	2.2	65	2.2
CERVICAL (C53)	2	0.2	6	0.2	6	0.2
UTERINE (C53)	1	0.1	7	0.2	7	0.2
OVARIAN (C56)	4	0.4	26	0.9	26	0.9
PROSTATE (C61)	7	0.7	24	0.8	24	0.8
KIDNEY AND RENAL PELVIS (C64-C65)	4	0.4	14	0.5	14	0.5
BLADDER (C67)	3	0.3	15	0.5	15	0.5
BRAIN (C70-C72)	9	0.9	24	0.8	24	0.8
LYMPHOID AND HEMATOPOIETIC (C81-C96)	32	3.2	77	2.6	77	2.6
HODGKIN'S DISEASE (C81)	0	0.0	2	0.1	2	0.1
NON-HODGKIN'S LYMPHOMA (C82-C85)	10	1.0	32	1.1	32	1.1
LEUKEMIA (C91-C95)	12	1.2	25	0.9	25	0.9
MULTIPLE MYELOMA (C88)	10	1.0	18	0.6	18	0.6
DIABETES MELLITUS (E10-E14)	33	3.3	97	3.3	98	3.3

(CONTINUED =>)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892



**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>MUNICIPALITY OF ANCHORAGE (CONTINUED)</b>						
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	313	31.2	848	28.8	848	28.8
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	229	22.9	633	21.5	629	21.4
RHEUMATIC HEART DISEASES (I00-I09)	2	0.2	8	0.3	7	0.2
HYPERTENSIVE HEART AND RENAL DISEASE (I13)	1	0.1	2	0.1	2	0.1
ISCHEMIC HEART DISEASES (I20-I25)	162	16.2	426	14.5	426	14.5
ACUTE MYCARDIAL INFARCTION (I21-I22)	48	4.8	130	4.4	129	4.4
OTHER ACUTE ISCHEMIC HEART DISEASES (I24)	0	0.0	1	0.0	1	0.0
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	49	4.9	84	2.9	86	2.9
OTHER HEART DISEASES (I26-I51)	60	6.0	176	6.0	173	5.9
HEART FAILURE (I50)	16	1.6	47	1.6	48	1.6
CEREBROVASCULAR DISEASES (I60-I69)	84	8.4	215	7.3	223	7.6
INFLUENZA AND PNEUMONIA (J10-J18)	15	1.5	39	1.3	32	1.1
INFLUENZA (J10-J11)	1	0.1	2	0.1	2	0.1
PNEUMONIA (J12-J18)	14	1.4	37	1.3	30	1.0
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	52	5.2	137	4.7	141	4.8
EMPHYSEMA (J43)	11	1.1	21	0.7	21	0.7
ASTHMA (J45-J46)	4	0.4	8	0.3	8	0.3
CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	12	1.2	56	1.9	58	2.0
ALCOHOLIC LIVER DISEASE (K70)	9	0.9	45	1.5	46	1.6
OTHER CHRONIC LIVER DISEASE AND CIRRHOSIS (K73-K74)	3	0.3	11	0.4	11	0.4
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07,N17-N19,N25-N27)	10	1.0	18	0.6	20	0.7
RENAL FAILURE (N17-N19)	10	1.0	17	0.6	19	0.6
CONGENITAL MALFORMATIONS (Q00-Q99)	11	1.1	34	1.2	31	1.1
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	96	9.6	249	8.5	254	8.6
TRANSPORT ACCIDENTS (V01-V99,Y85)	40	4.0	111	3.8	111	3.8
MOTOR VEHICLE ACCIDENTS (**)	28	2.8	78	2.7	77	2.6
WATER TRANSPORT* (V90-V94)	2	0.2	2	0.1	2	0.1
AIR TRANSPORT* (V95-V97)	9	0.9	9	0.3	9	0.3
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	56	5.6	138	4.7	145	4.9
FALLS (W00-W19)	5	0.5	21	0.7	18	0.6
DISCHARGE OF FIREARMS (W32-W34)	1	0.1	4	0.1	4	0.1
DROWNING AND SUBMERSION (W65-W74)	4	0.4	13	0.4	13	0.4
SMOKE, FIRE AND FLAME (X00-X09)	2	0.2	11	0.4	11	0.4
POISONING (X40-X49)	20	2.0	46	1.6	43	1.5
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	33	3.3	112	3.8	112	3.8
BY DISCHARGE OF FIREARMS (X72-X74)	18	1.8	67	2.3	67	2.3
ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	17	1.7	66	2.2	66	2.2
BY DISCHARGE OF FIREARMS (X93-X95)	6	0.6	30	1.0	30	1.0
<b>BETHEL CENSUS AREA</b>						
TOTAL DEATHS	87	100.0	237	100.0	237	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	3	3.4	6	2.5	6	2.5
TUBERCULOSIS (A16-A19)	2	2.3	2	0.8	2	0.8
SEPTICEMIA (A40-A41)	0	0.0	2	0.8	2	0.8
MALIGNANT NEOPLASMS (C00-C97)	14	16.1	41	17.3	41	17.3
ESOPHAGUS (C15)	0	0.0	2	0.8	2	0.8
STOMACH (C16)	1	1.1	2	0.8	2	0.8
COLON, RECTUM AND ANUS (C18-C21)	4	4.6	8	3.4	8	3.4
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	0	0.0	1	0.4	1	0.4
PANCREAS (C25)	1	1.1	3	1.3	3	1.3
BRONCHUS AND LUNG (C33-C34)	1	1.1	10	4.2	10	4.2
BREAST (C50)	0	0.0	2	0.8	2	0.8
OVARIAN (C56)	0	0.0	2	0.8	2	0.8
KIDNEY AND RENAL PELVIS (C64-C65)	2	2.3	3	1.3	3	1.3
LYMPHOID AND HEMATOPOIETIC (C81-C96)	1	1.1	4	1.7	4	1.7
NON-HODGKIN'S LYMPHOMA (C82-C85)	1	1.1	3	1.3	3	1.3
LEUKEMIA (C91-C95)	0	0.0	1	0.4	1	0.4

(CONTINUED =&gt;)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>BETHEL CENSUS AREA (CONTINUED)</b>						
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	14	16.1	43	18.1	43	18.1
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	11	12.6	32	13.5	32	13.5
RHEUMATIC HEART DISEASES (I00-I09)	3	3.4	4	1.7	4	1.7
ISCHEMIC HEART DISEASES (I20-I25)	6	6.9	13	5.5	13	5.5
ACUTE MYCARDIAL INFARCTION (I21-I22)	2	2.3	4	1.7	4	1.7
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	3	3.4	4	1.7	4	1.7
OTHER HEART DISEASES (I26-I51)	2	2.3	13	5.5	13	5.5
HEART FAILURE (I50)	0	0.0	2	0.8	2	0.8
CEREBROVASCULAR DISEASES (I60-I69)	3	3.4	11	4.6	11	4.6
INFLUENZA AND PNEUMONIA (J10-J18)	2	2.3	6	2.5	5	2.1
PNEUMONIA (J12-J18)	2	2.3	6	2.5	5	2.1
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	4	4.6	13	5.5	13	5.5
CONGENITAL MALFORMATIONS (Q00-Q99)	2	2.3	7	3.0	6	2.5
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	22	25.3	45	19.0	46	19.4
TRANSPORT ACCIDENTS (V01-V99,Y85)	9	10.3	18	7.6	18	7.6
MOTOR VEHICLE ACCIDENTS (**)	2	2.3	5	2.1	5	2.1
WATER TRANSPORT* (V90-V94)	2	2.3	2	0.8	2	0.8
AIR TRANSPORT* (V95-V97)	5	5.7	5	2.1	5	2.1
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	13	14.9	27	11.4	28	11.8
DISCHARGE OF FIREARMS (W32-W34)	0	0.0	2	0.8	2	0.8
DROWNING AND SUBMERSION (W65-W74)	2	2.3	9	3.8	9	3.8
SMOKE, FIRE AND FLAME (X00-X09)	1	1.1	1	0.4	1	0.4
POISONING (X40-X49)	1	1.1	3	1.3	3	1.3
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	3	3.4	19	8.0	19	8.0
BY DISCHARGE OF FIREARMS (X72-X74)	2	2.3	15	6.3	15	6.3
ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	8	9.2	12	5.1	12	5.1
BY DISCHARGE OF FIREARMS (X93-X95)	6	6.9	9	3.8	9	3.8
<b>BRISTOL BAY BOROUGH</b>						
TOTAL DEATHS	5	100.0	16	100.0	16	100.0
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	3	60.0	4	25.0	4	25.0
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	3	60.0	4	25.0	4	25.0
ISCHEMIC HEART DISEASES (I20-I25)	3	60.0	3	18.8	3	18.8
ACUTE MYCARDIAL INFARCTION (I21-I22)	1	20.0	1	6.3	1	6.3
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	1	20.0	1	6.3	1	6.3
OTHER HEART DISEASES (I26-I51)	0	0.0	1	6.3	1	6.3
HEART FAILURE (I50)	0	0.0	1	6.3	1	6.3
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	2	40.0	5	31.3	5	31.3
TRANSPORT ACCIDENTS (V01-V99,Y85)	1	20.0	2	12.5	2	12.5
MOTOR VEHICLE ACCIDENTS (**)	1	20.0	1	6.3	1	6.3
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	1	20.0	3	18.8	3	18.8
DROWNING AND SUBMERSION (W65-W74)	0	0.0	1	6.3	1	6.3
POISONING (X40-X49)	1	20.0	2	12.5	2	12.5
<b>DENALI BOROUGH</b>						
TOTAL DEATHS	6	100.0	12	100.0	12	100.0
MALIGNANT NEOPLASMS (C00-C97)	1	16.7	2	16.7	2	16.7
BRONCHUS AND LUNG (C33-C34)	0	0.0	1	8.3	1	8.3
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	2	33.3	4	33.3	4	33.3
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	1	16.7	3	25.0	3	25.0
ISCHEMIC HEART DISEASES (I20-I25)	1	16.7	3	25.0	3	25.0
ACUTE MYCARDIAL INFARCTION (I21-I22)	1	16.7	2	16.7	2	16.7
CEREBROVASCULAR DISEASES (I60-I69)	1	16.7	1	8.3	1	8.3
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	2	33.3	3	25.0	3	25.0
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	2	33.3	3	25.0	3	25.0
FALLS (W00-W19)	1	16.7	1	8.3	1	8.3
DROWNING AND SUBMERSION (W65-W74)	0	0.0	1	8.3	1	8.3

(CONTINUED =>)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>DILLINGHAM CENSUS AREA</b>						
TOTAL DEATHS	22	100.0	70	100.0	70	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	1	4.5	2	2.9	2	2.9
SEPTICEMIA (A40-A41)	0	0.0	1	1.4	1	1.4
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	1	4.5	1	1.4	1	1.4
MALIGNANT NEOPLASMS (C00-C97)	5	22.7	13	18.6	13	18.6
STOMACH (C16)	1	4.5	2	2.9	2	2.9
COLON, RECTUM AND ANUS (C18-C21)	1	4.5	3	4.3	3	4.3
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	1	4.5	2	2.9	2	2.9
BRONCHUS AND LUNG (C33-C34)	0	0.0	1	1.4	1	1.4
BREAST (C50)	1	4.5	1	1.4	1	1.4
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	3	13.6	11	15.7	11	15.7
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	3	13.6	11	15.7	11	15.7
ISCHEMIC HEART DISEASES (I20-I25)	2	9.1	7	10.0	7	10.0
ACUTE MYCARDIAL INFARCTION (I21-I22)	0	0.0	2	2.9	2	2.9
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	0	0.0	1	1.4	1	1.4
OTHER HEART DISEASES (I26-I51)	1	4.5	4	5.7	4	5.7
HEART FAILURE (I50)	1	4.5	2	2.9	2	2.9
INFLUENZA AND PNEUMONIA (J10-J18)	2	9.1	2	2.9	2	2.9
PNEUMONIA (J12-J18)	2	9.1	2	2.9	2	2.9
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	2	9.1	6	8.6	6	8.6
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	3	13.6	14	20.0	14	20.0
TRANSPORT ACCIDENTS (V01-V99,Y85)	0	0.0	4	5.7	4	5.7
MOTOR VEHICLE ACCIDENTS (**)	0	0.0	2	2.9	2	2.9
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	3	13.6	10	14.3	11	15.7
FALLS (W00-W19)	0	0.0	1	1.4	1	1.4
DROWNING AND SUBMERSION (W65-W74)	2	9.1	3	4.3	3	4.3
SMOKE, FIRE AND FLAME (X00-X09)	0	0.0	3	4.3	3	4.3
ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	2	9.1	2	2.9	2	2.9
BY DISCHARGE OF FIREARMS (X93-X95)	1	4.5	1	1.4	1	1.4
<b>FAIRBANKS NORTH STAR BOROUGH</b>						
TOTAL DEATHS	335	100.0	932	100.0	932	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	5	1.5	14	1.5	14	1.5
SEPTICEMIA (A40-A41)	2	0.6	7	0.8	8	0.9
VIRAL HEPATITIS (B15-B19)	0	0.0	1	0.1	1	0.1
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	2	0.6	3	0.3	3	0.3
MALIGNANT NEOPLASMS (C00-C97)	77	23.0	203	21.8	204	21.9
ESOPHAGUS (C15)	2	0.6	5	0.5	5	0.5
STOMACH (C16)	2	0.6	9	1.0	9	1.0
COLON, RECTUM AND ANUS (C18-C21)	8	2.4	15	1.6	15	1.6
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	1	0.3	6	0.6	6	0.6
PANCREAS (C25)	5	1.5	14	1.5	14	1.5
BRONCHUS AND LUNG (C33-C34)	21	6.3	58	6.2	57	6.1
SKIN (C43)	2	0.6	3	0.3	3	0.3
BREAST (C50)	6	1.8	17	1.8	17	1.8
CERVICAL (C53)	0	0.0	2	0.2	2	0.2
OVARIAN (C56)	0	0.0	4	0.4	4	0.4
PROSTATE (C61)	1	0.3	5	0.5	5	0.5
KIDNEY AND RENAL PELVIS (C64-C65)	4	1.2	7	0.8	7	0.8
BLADDER (C67)	1	0.3	4	0.4	4	0.4
BRAIN (C70-C72)	2	0.6	6	0.6	6	0.6
LYMPHOID AND HEMATOPOIETIC (C81-C96)	5	1.5	14	1.5	14	1.5
HODGKIN'S DISEASE (C81)	1	0.3	2	0.2	2	0.2
NON-HODGKIN'S LYMPHOMA (C82-C85)	2	0.6	5	0.5	5	0.5
LEUKEMIA (C91-C95)	0	0.0	5	0.5	5	0.5
MULTIPLE MYELOMA (C88)	2	0.6	2	0.2	2	0.2
DIABETES MELLITUS (E10-E14)	11	3.3	27	2.9	27	2.9

(CONTINUED =&gt;)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>FAIRBANKS NORTH STAR BOROUGH (CONTINUED)</b>						
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	90	26.9	258	27.7	258	27.7
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	75	22.4	212	22.7	211	22.6
RHEUMATIC HEART DISEASES (I00-I09)	2	0.6	3	0.3	3	0.3
ISCHEMIC HEART DISEASES (I20-I25)	49	14.6	147	15.8	147	15.8
ACUTE MYCARDIAL INFARCTION (I21-I22)	22	6.6	58	6.2	58	6.2
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	12	3.6	28	3.0	29	3.1
OTHER HEART DISEASES (I26-I51)	20	6.0	56	6.0	55	5.9
HEART FAILURE (I50)	1	0.3	6	0.6	6	0.6
CEREBROVASCULAR DISEASES (I60-I69)	15	4.5	46	4.9	48	5.2
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	7	2.1	32	3.4	33	3.5
EMPHYSEMA (J43)	1	0.3	7	0.8	7	0.8
ASTHMA (J45-J46)	1	0.3	2	0.2	2	0.2
CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	9	2.7	24	2.6	25	2.7
ALCOHOLIC LIVER DISEASE (K70)	5	1.5	20	2.1	20	2.1
OTHER CHRONIC LIVER DISEASE AND CIRRHOSIS (K73-K74)	4	1.2	4	0.4	4	0.4
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07,N17-N19,N25-N27)	7	2.1	9	1.0	9	1.0
RENAL FAILURE (N17-N19)	7	2.1	9	1.0	10	1.1
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	33	9.9	95	10.2	97	10.4
TRANSPORT ACCIDENTS (V01-V99,Y85)	16	4.8	47	5.0	47	5.0
MOTOR VEHICLE ACCIDENTS (**)	12	3.6	38	4.1	37	4.0
AIR TRANSPORT* (V95-V97)	4	1.2	4	0.4	4	0.4
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	17	5.1	48	5.2	50	5.4
FALLS (W00-W19)	4	1.2	5	0.5	5	0.5
DISCHARGE OF FIREARMS (W32-W34)	0	0.0	1	0.1	1	0.1
DROWNING AND SUBMERSION (W65-W74)	3	0.9	10	1.1	10	1.1
SMOKE, FIRE AND FLAME (X00-X09)	1	0.3	6	0.6	6	0.6
POISONING (X40-X49)	3	0.9	12	1.3	11	1.2
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	17	5.1	54	5.8	54	5.8
BY DISCHARGE OF FIREARMS (X72-X74)	8	2.4	29	3.1	29	3.1
<b>HAINES BOROUGH</b>						
TOTAL DEATHS	17	100.0	44	100.0	44	100.0
MALIGNANT NEOPLASMS (C00-C97)	4	23.5	14	31.8	14	31.8
ESOPHAGUS (C15)	0	0.0	1	2.3	1	2.3
COLON, RECTUM AND ANUS (C18-C21)	2	11.8	2	4.5	2	4.5
PANCREAS (C25)	0	0.0	1	2.3	1	2.3
BRONCHUS AND LUNG (C33-C34)	1	5.9	6	13.6	6	13.6
BLADDER (C67)	1	5.9	1	2.3	1	2.3
LYMPHOID AND HEMATOPOIETIC (C81-C96)	0	0.0	3	6.8	3	6.8
NON-HODGKIN'S LYMPHOMA (C82-C85)	0	0.0	3	6.8	3	6.8
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	3	17.6	10	22.7	10	22.7
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	3	17.6	10	22.7	10	22.7
ISCHEMIC HEART DISEASES (I20-I25)	3	17.6	8	18.2	8	18.2
ACUTE MYCARDIAL INFARCTION (I21-I22)	1	5.9	4	9.1	4	9.1
OTHER HEART DISEASES (I26-I51)	0	0.0	2	4.5	2	4.5
HEART FAILURE (I50)	0	0.0	1	2.3	1	2.3
CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P96)	2	11.8	2	4.5	2	4.5
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	4	23.5	7	15.9	7	15.9
TRANSPORT ACCIDENTS (V01-V99,Y85)	3	17.6	6	13.6	6	13.6
AIR TRANSPORT* (V95-V97)	3	17.6	3	6.8	3	6.8
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	1	5.9	1	2.3	1	2.3
<b>JUNEAU BOROUGH</b>						
TOTAL DEATHS	123	100.0	361	100.0	361	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	1	0.8	5	1.4	5	1.4
SEPTICEMIA (A40-A41)	0	0.0	2	0.6	2	0.6
VIRAL HEPATITIS (B15-B19)	1	0.8	1	0.3	1	0.3

(CONTINUED =&gt;)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>JUNEAU BOROUGH (CONTINUED)</b>						
MALIGNANT NEOPLASMS (C00-C97)	32	26.0	98	27.1	99	27.4
ESOPHAGUS (C15)	0	0.0	2	0.6	2	0.6
STOMACH (C16)	1	0.8	2	0.6	2	0.6
COLON, RECTUM AND ANUS (C18-C21)	3	2.4	7	1.9	7	1.9
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	2	1.6	4	1.1	4	1.1
PANCREAS (C25)	1	0.8	7	1.9	7	1.9
BRONCHUS AND LUNG (C33-C34)	10	8.1	29	8.0	29	8.0
SKIN (C43)	0	0.0	1	0.3	1	0.3
BREAST (C50)	0	0.0	3	0.8	3	0.8
CERVICAL (C53)	1	0.8	1	0.3	1	0.3
UTERINE (C53)	0	0.0	2	0.6	2	0.6
OVARIAN (C56)	1	0.8	3	0.8	3	0.8
PROSTATE (C61)	1	0.8	6	1.7	6	1.7
BLADDER (C67)	0	0.0	1	0.3	1	0.3
BRAIN (C70-C72)	0	0.0	3	0.8	3	0.8
LYMPHOID AND HEMATOPOIETIC (C81-C96)	4	3.3	11	3.0	11	3.0
NON-HODGKIN'S LYMPHOMA (C82-C85)	2	1.6	5	1.4	5	1.4
LEUKEMIA (C91-C95)	0	0.0	3	0.8	3	0.8
MULTIPLE MYELOMA (C88)	2	1.6	3	0.8	3	0.8
DIABETES MELLITUS (E10-E14)	3	2.4	6	1.7	6	1.7
PARKINSON'S DISEASE (G20-G21)	2	1.6	6	1.7	6	1.7
ALZHEIMER'S DISEASE (G30)	4	3.3	5	1.4	6	1.7
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	31	25.2	102	28.3	102	28.3
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	25	20.3	85	23.5	84	23.3
RHEUMATIC HEART DISEASES (I00-I09)	1	0.8	2	0.6	2	0.6
HYPERTENSIVE HEART AND RENAL DISEASE (I13)	0	0.0	1	0.3	1	0.3
ISCHEMIC HEART DISEASES (I20-I25)	14	11.4	51	14.1	51	14.1
ACUTE MYCARDIAL INFARCTION (I21-I22)	3	2.4	15	4.2	15	4.2
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	4	3.3	11	3.0	11	3.0
OTHER HEART DISEASES (I26-I51)	7	5.7	28	7.8	27	7.5
HEART FAILURE (I50)	4	3.3	11	3.0	11	3.0
CEREBROVASCULAR DISEASES (I60-I69)	6	4.9	17	4.7	18	5.0
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	11	8.9	23	6.4	24	6.6
EMPHYSEMA (J43)	2	1.6	5	1.4	5	1.4
ASTHMA (J45-J46)	1	0.8	3	0.8	3	0.8
CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	2	1.6	6	1.7	6	1.7
ALCOHOLIC LIVER DISEASE (K70)	1	0.8	4	1.1	4	1.1
OTHER CHRONIC LIVER DISEASE AND CIRRHOSIS (K73-K74)	1	0.8	2	0.6	2	0.6
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07,N17-N19,N25-N27)	2	1.6	5	1.4	6	1.7
RENAL FAILURE (N17-N19)	2	1.6	5	1.4	6	1.7
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	8	6.5	29	8.0	30	8.3
TRANSPORT ACCIDENTS (V01-V99,Y85)	4	3.3	12	3.3	12	3.3
MOTOR VEHICLE ACCIDENTS (**)	2	1.6	8	2.2	8	2.2
AIR TRANSPORT* (V95-V97)	2	1.6	2	0.6	2	0.6
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	4	3.3	17	4.7	18	5.0
FALLS (W00-W19)	0	0.0	4	1.1	3	0.8
DROWNING AND SUBMERSION (W65-W74)	1	0.8	6	1.7	6	1.7
POISONING (X40-X49)	1	0.8	2	0.6	2	0.6
<b>KENAI PENINSULA BOROUGH</b>						
TOTAL DEATHS	238	100.0	730	100.0	730	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	6	2.5	12	1.6	12	1.6
MENINGOCOCCAL INFECTION (A39)	0	0.0	1	0.1	1	0.1
SEPTICEMIA (A40-A41)	4	1.7	4	0.5	4	0.5
VIRAL HEPATITIS (B15-B19)	1	0.4	3	0.4	3	0.4
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	1	0.4	4	0.5	4	0.5

(CONTINUED =&gt;)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>KENAI PENINSULA BOROUGH (CONTINUED)</b>						
MALIGNANT NEOPLASMS (C00-C97)	55	23.1	198	27.1	199	27.3
ESOPHAGUS (C15)	2	0.8	6	0.8	6	0.8
STOMACH (C16)	0	0.0	5	0.7	5	0.7
COLON, RECTUM AND ANUS (C18-C21)	2	0.8	17	2.3	17	2.3
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	2	0.8	6	0.8	6	0.8
PANCREAS (C25)	4	1.7	11	1.5	11	1.5
BRONCHUS AND LUNG (C33-C34)	23	9.7	72	9.9	71	9.7
SKIN (C43)	0	0.0	2	0.3	2	0.3
BREAST (C50)	2	0.8	12	1.6	12	1.6
CERVICAL (C53)	0	0.0	1	0.1	1	0.1
UTERINE (C53)	0	0.0	2	0.3	2	0.3
OVARIAN (C56)	0	0.0	3	0.4	3	0.4
PROSTATE (C61)	1	0.4	8	1.1	8	1.1
KIDNEY AND RENAL PELVIS (C64-C65)	1	0.4	2	0.3	2	0.3
BLADDER (C67)	1	0.4	3	0.4	3	0.4
BRAIN (C70-C72)	3	1.3	4	0.5	4	0.5
LYMPHOID AND HEMATOPOIETIC (C81-C96)	4	1.7	16	2.2	16	2.2
NON-HODGKIN'S LYMPHOMA (C82-C85)	2	0.8	6	0.8	6	0.8
LEUKEMIA (C91-C95)	2	0.8	6	0.8	6	0.8
MULTIPLE MYELOMA (C88)	0	0.0	4	0.5	4	0.5
PARKINSON'S DISEASE (G20-G21)	4	1.7	7	1.0	7	1.0
ALZHEIMER'S DISEASE (G30)	4	1.7	5	0.7	6	0.8
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	67	28.2	200	27.4	200	27.4
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	52	21.8	168	23.0	167	22.9
RHEUMATIC HEART DISEASES (I00-I09)	2	0.8	5	0.7	4	0.5
ISCHEMIC HEART DISEASES (I20-I25)	33	13.9	114	15.6	114	15.6
ACUTE MYCARDIAL INFARCTION (I21-I22)	12	5.0	33	4.5	33	4.5
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	10	4.2	26	3.6	27	3.7
OTHER HEART DISEASES (I26-I51)	17	7.1	49	6.7	48	6.6
HEART FAILURE (I50)	6	2.5	15	2.1	15	2.1
CEREBROVASCULAR DISEASES (I60-I69)	15	6.3	32	4.4	33	4.5
INFLUENZA AND PNEUMONIA (J10-J18)	4	1.7	18	2.5	14	1.9
INFLUENZA (J10-J11)	1	0.4	1	0.1	1	0.1
PNEUMONIA (J12-J18)	3	1.3	17	2.3	13	1.8
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	15	6.3	38	5.2	39	5.3
EMPHYSEMA (J43)	0	0.0	2	0.3	2	0.3
ASTHMA (J45-J46)	0	0.0	1	0.1	1	0.1
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	20	8.4	77	10.5	79	10.8
TRANSPORT ACCIDENTS (V01-V99,Y85)	11	4.6	43	5.9	43	5.9
MOTOR VEHICLE ACCIDENTS (**)	9	3.8	30	4.1	30	4.1
WATER TRANSPORT* (V90-V94)	2	0.8	2	0.3	2	0.3
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	9	3.8	34	4.7	36	4.9
FALLS (W00-W19)	0	0.0	2	0.3	2	0.3
DISCHARGE OF FIREARMS (W32-W34)	0	0.0	3	0.4	3	0.4
DROWNING AND SUBMERSION (W65-W74)	4	1.7	5	0.7	5	0.7
SMOKE, FIRE AND FLAME (X00-X09)	0	0.0	7	1.0	7	1.0
POISONING (X40-X49)	2	0.8	8	1.1	7	1.0
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	10	4.2	22	3.0	22	3.0
BY DISCHARGE OF FIREARMS (X72-X74)	8	3.4	16	2.2	16	2.2
<b>KETCHIKAN GATEWAY BOROUGH</b>						
TOTAL DEATHS	101	100.0	274	100.0	274	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	2	2.0	9	3.3	9	3.3
SEPTICEMIA (A40-A41)	1	1.0	2	0.7	2	0.7
VIRAL HEPATITIS (B15-B19)	0	0.0	2	0.7	2	0.7

(CONTINUED =&gt;)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>KETCHIKAN GATEWAY BOROUGH (CONTINUED)</b>						
MALIGNANT NEOPLASMS (C00-C97)	31	30.7	67	24.5	67	24.5
ESOPHAGUS (C15)	0	0.0	1	0.4	1	0.4
STOMACH (C16)	1	1.0	1	0.4	1	0.4
COLON, RECTUM AND ANUS (C18-C21)	3	3.0	6	2.2	6	2.2
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	1	1.0	1	0.4	1	0.4
PANCREAS (C25)	1	1.0	2	0.7	2	0.7
BRONCHUS AND LUNG (C33-C34)	11	10.9	22	8.0	22	8.0
SKIN (C43)	0	0.0	2	0.7	2	0.7
BREAST (C50)	3	3.0	6	2.2	6	2.2
CERVICAL (C53)	1	1.0	1	0.4	1	0.4
OVARIAN (C56)	0	0.0	1	0.4	1	0.4
PROSTATE (C61)	2	2.0	5	1.8	5	1.8
BLADDER (C67)	0	0.0	2	0.7	2	0.7
BRAIN (C70-C72)	0	0.0	1	0.4	1	0.4
LYMPHOID AND HEMATOPOIETIC (C81-C96)	4	4.0	9	3.3	9	3.3
NON-HODGKIN'S LYMPHOMA (C82-C85)	2	2.0	4	1.5	4	1.5
LEUKEMIA (C91-C95)	2	2.0	4	1.5	4	1.5
MULTIPLE MYELOMA (C88)	0	0.0	1	0.4	1	0.4
DIABETES MELLITUS (E10-E14)	4	4.0	10	3.6	10	3.6
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	16	15.8	64	23.4	64	23.4
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	9	8.9	49	17.9	49	17.9
RHEUMATIC HEART DISEASES (I00-I09)	0	0.0	1	0.4	1	0.4
HYPERTENSIVE HEART AND RENAL DISEASE (I13)	0	0.0	1	0.4	1	0.4
ISCHEMIC HEART DISEASES (I20-I25)	5	5.0	33	12.0	33	12.0
ACUTE MYCARDIAL INFARCTION (I21-I22)	0	0.0	8	2.9	8	2.9
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	1	1.0	5	1.8	5	1.8
OTHER HEART DISEASES (I26-I51)	3	3.0	12	4.4	12	4.4
HEART FAILURE (I50)	0	0.0	1	0.4	1	0.4
CEREBROVASCULAR DISEASES (I60-I69)	7	6.9	15	5.5	15	5.5
INFLUENZA AND PNEUMONIA (J10-J18)	6	5.9	15	5.5	12	4.4
PNEUMONIA (J12-J18)	6	5.9	15	5.5	12	4.4
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	7	6.9	17	6.2	18	6.6
EMPHYSEMA (J43)	0	0.0	1	0.4	1	0.4
ASTHMA (J45-J46)	0	0.0	5	1.8	4	1.5
CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	3	3.0	6	2.2	6	2.2
ALCOHOLIC LIVER DISEASE (K70)	1	1.0	4	1.5	4	1.5
OTHER CHRONIC LIVER DISEASE AND CIRRHOSIS (K73-K74)	2	2.0	2	0.7	2	0.7
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	6	5.9	14	5.1	14	5.1
TRANSPORT ACCIDENTS (V01-V99,Y85)	2	2.0	6	2.2	6	2.2
MOTOR VEHICLE ACCIDENTS (**)	2	2.0	5	1.8	5	1.8
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	4	4.0	8	2.9	8	2.9
FALLS (W00-W19)	2	2.0	3	1.1	3	1.1
DROWNING AND SUBMERSION (W65-W74)	2	2.0	2	0.7	2	0.7
POISONING (X40-X49)	0	0.0	2	0.7	2	0.7
<b>KODIAK ISLAND BOROUGH</b>						
TOTAL DEATHS	54	100.0	148	100.0	148	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	1	1.9	3	2.0	3	2.0
VIRAL HEPATITIS (B15-B19)	1	1.9	1	0.7	1	0.7
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	0	0.0	1	0.7	1	0.7
MALIGNANT NEOPLASMS (C00-C97)	17	31.5	36	24.3	36	24.3
STOMACH (C16)	0	0.0	1	0.7	1	0.7
COLON, RECTUM AND ANUS (C18-C21)	2	3.7	3	2.0	3	2.0
PANCREAS (C25)	1	1.9	3	2.0	3	2.0
BRONCHUS AND LUNG (C33-C34)	5	9.3	12	8.1	12	8.1
SKIN (C43)	0	0.0	1	0.7	1	0.7
BREAST (C50)	1	1.9	4	2.7	4	2.7

(CONTINUED =&gt;)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>KODIAK ISLAND BOROUGH (CONTINUED)</b>						
MALIGNANT NEOPLASMS (C00-C97) (CONTINUED)						
OVARIAN (C56)	1	1.9	1	0.7	1	0.7
PROSTATE (C61)	1	1.9	1	0.7	1	0.7
BLADDER (C67)	0	0.0	1	0.7	1	0.7
LYMPHOID AND HEMATOPOIETIC (C81-C96)	2	3.7	4	2.7	4	2.7
NON-HODGKIN'S LYMPHOMA (C82-C85)	1	1.9	2	1.4	2	1.4
LEUKEMIA (C91-C95)	1	1.9	1	0.7	1	0.7
MULTIPLE MYELOMA (C88)	0	0.0	1	0.7	1	0.7
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	14	25.9	37	25.0	37	25.0
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	8	14.8	24	16.2	24	16.2
ISCHEMIC HEART DISEASES (I20-I25)	7	13.0	20	13.5	20	13.5
ACUTE MYCARDIAL INFARCTION (I21-I22)	4	7.4	6	4.1	6	4.1
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	1	1.9	2	1.4	2	1.4
OTHER HEART DISEASES (I26-I51)	0	0.0	2	1.4	2	1.4
HEART FAILURE (I50)	0	0.0	1	0.7	1	0.7
CEREBROVASCULAR DISEASES (I60-I69)	6	11.1	13	8.8	13	8.8
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	6	11.1	19	12.8	19	12.8
TRANSPORT ACCIDENTS (V01-V99,Y85)	4	7.4	13	8.8	13	8.8
MOTOR VEHICLE ACCIDENTS (**)	0	0.0	1	0.7	1	0.7
WATER TRANSPORT* (V90-V94)	4	7.4	4	2.7	4	2.7
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	2	3.7	6	4.1	6	4.1
FALLS (W00-W19)	0	0.0	1	0.7	1	0.7
DROWNING AND SUBMERSION (W65-W74)	1	1.9	1	0.7	1	0.7
POISONING (X40-X49)	1	1.9	3	2.0	3	2.0
<b>LAKE AND PENINSULA BOROUGH</b>						
TOTAL DEATHS	11	100.0	42	100.0	42	100.0
MALIGNANT NEOPLASMS (C00-C97)						
STOMACH (C16)	0	0.0	1	2.4	1	2.4
PANCREAS (C25)	1	9.1	2	4.8	2	4.8
BRONCHUS AND LUNG (C33-C34)	1	9.1	3	7.1	3	7.1
LYMPHOID AND HEMATOPOIETIC (C81-C96)	0	0.0	1	2.4	1	2.4
LEUKEMIA (C91-C95)	0	0.0	1	2.4	1	2.4
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	2	18.2	5	11.9	5	11.9
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	2	18.2	5	11.9	5	11.9
ISCHEMIC HEART DISEASES (I20-I25)	2	18.2	4	9.5	4	9.5
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	2	18.2	10	23.8	10	23.8
TRANSPORT ACCIDENTS (V01-V99,Y85)	2	18.2	8	19.0	8	19.0
MOTOR VEHICLE ACCIDENTS (**)	1	9.1	4	9.5	4	9.5
WATER TRANSPORT* (V90-V94)	1	9.1	1	2.4	1	2.4
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	0	0.0	2	4.8	2	4.8
FALLS (W00-W19)	0	0.0	1	2.4	1	2.4
DROWNING AND SUBMERSION (W65-W74)	0	0.0	1	2.4	1	2.4
<b>MATANUSKA-SUSITNA BOROUGH</b>						
TOTAL DEATHS	246	100.0	687	100.0	687	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)						
SEPTICEMIA (A40-A41)	2	0.8	4	0.6	4	0.6
VIRAL HEPATITIS (B15-B19)	1	0.4	5	0.7	4	0.6
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	2	0.8	2	0.3	2	0.3
MALIGNANT NEOPLASMS (C00-C97)	55	22.4	170	24.7	171	24.9
ESOPHAGUS (C15)	2	0.8	2	0.3	2	0.3
STOMACH (C16)	2	0.8	4	0.6	4	0.6
COLON, RECTUM AND ANUS (C18-C21)	7	2.8	16	2.3	16	2.3
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	2	0.8	5	0.7	5	0.7
PANCREAS (C25)	3	1.2	11	1.6	11	1.6
BRONCHUS AND LUNG (C33-C34)	13	5.3	47	6.8	46	6.7
SKIN (C43)	3	1.2	5	0.7	5	0.7
BREAST (C50)	4	1.6	13	1.9	13	1.9

(CONTINUED =>)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892



**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>MATANUSKA-SUSITNA BOROUGH (CONTINUED)</b>						
MALIGNANT NEOPLASMS (C00-C97) (CONTINUED)						
CERVICAL (C53)	1	0.4	2	0.3	2	0.3
UTERINE (C53)	0	0.0	2	0.3	2	0.3
OVARIAN (C56)	0	0.0	3	0.4	3	0.4
PROSTATE (C61)	4	1.6	9	1.3	9	1.3
KIDNEY AND RENAL PELVIS (C64-C65)	1	0.4	3	0.4	3	0.4
BLADDER (C67)	2	0.8	7	1.0	7	1.0
BRAIN (C70-C72)	2	0.8	5	0.7	5	0.7
LYMPHOID AND HEMATOPOIETIC (C81-C96)	4	1.6	17	2.5	17	2.5
HODGKIN'S DISEASE (C81)	1	0.4	1	0.1	1	0.1
NON-HODGKIN'S LYMPHOMA (C82-C85)	1	0.4	7	1.0	7	1.0
LEUKEMIA (C91-C95)	1	0.4	8	1.2	8	1.2
MULTIPLE MYELOMA (C88)	1	0.4	1	0.1	1	0.1
DIABETES MELLITUS (E10-E14)	5	2.0	18	2.6	18	2.6
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	80	32.5	223	32.5	223	32.5
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	67	27.2	185	26.9	184	26.8
RHEUMATIC HEART DISEASES (I00-I09)	0	0.0	3	0.4	2	0.3
HYPERTENSIVE HEART AND RENAL DISEASE (I13)	0	0.0	1	0.1	1	0.1
ISCHEMIC HEART DISEASES (I20-I25)	45	18.3	124	18.0	124	18.0
ACUTE MYCARDIAL INFARCTION (I21-I22)	10	4.1	47	6.8	47	6.8
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	11	4.5	25	3.6	26	3.8
OTHER HEART DISEASES (I26-I51)	22	8.9	55	8.0	54	7.9
HEART FAILURE (I50)	11	4.5	21	3.1	21	3.1
CEREBROVASCULAR DISEASES (I60-I69)	13	5.3	38	5.5	40	5.8
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	19	7.7	31	4.5	32	4.7
EMPHYSEMA (J43)	2	0.8	2	0.3	2	0.3
ASTHMA (J45-J46)	4	1.6	5	0.7	5	0.7
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07,N17-N19,N25-N27)	5	2.0	8	1.2	9	1.3
RENAL FAILURE (N17-N19)	4	1.6	7	1.0	8	1.2
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	27	11.0	64	9.3	65	9.5
TRANSPORT ACCIDENTS (V01-V99,Y85)	13	5.3	35	5.1	35	5.1
MOTOR VEHICLE ACCIDENTS (**)	13	5.3	29	4.2	29	4.2
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	14	5.7	29	4.2	30	4.4
FALLS (W00-W19)	0	0.0	3	0.4	3	0.4
DROWNING AND SUBMERSION (W65-W74)	0	0.0	2	0.3	2	0.3
SMOKE, FIRE AND FLAME (X00-X09)	0	0.0	3	0.4	3	0.4
POISONING (X40-X49)	4	1.6	7	1.0	7	1.0
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	5	2.0	27	3.9	27	3.9
BY DISCHARGE OF FIREARMS (X72-X74)	3	1.2	19	2.8	19	2.8
<b>NOME CENSUS AREA</b>						
TOTAL DEATHS	63	100.0	196	100.0	196	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	3	4.8	6	3.1	6	3.1
MENINGOCOCCAL INFECTION (A39)	1	1.6	1	0.5	1	0.5
SEPTICEMIA (A40-A41)	2	3.2	4	2.0	4	2.0
MALIGNANT NEOPLASMS (C00-C97)	15	23.8	45	23.0	45	23.0
ESOPHAGUS (C15)	1	1.6	3	1.5	3	1.5
STOMACH (C16)	1	1.6	6	3.1	6	3.1
COLON, RECTUM AND ANUS (C18-C21)	2	3.2	7	3.6	7	3.6
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	1	1.6	1	0.5	1	0.5
PANCREAS (C25)	0	0.0	1	0.5	1	0.5
BRONCHUS AND LUNG (C33-C34)	6	9.5	15	7.7	15	7.7
BREAST (C50)	1	1.6	1	0.5	1	0.5
OVARIAN (C56)	0	0.0	1	0.5	1	0.5
KIDNEY AND RENAL PELVIS (C64-C65)	0	0.0	1	0.5	1	0.5
BLADDER (C67)	0	0.0	1	0.5	1	0.5

(CONTINUED =&gt;)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>NOME CENSUS AREA (CONTINUED)</b>						
MALIGNANT NEOPLASMS (C00-C97) (CONTINUED)						
LYMPHOID AND HEMATOPOIETIC (C81-C96)	2	3.2	4	2.0	4	2.0
LEUKEMIA (C91-C95)	1	1.6	3	1.5	3	1.5
MULTIPLE MYELOMA (C88)	1	1.6	1	0.5	1	0.5
ALZHEIMER'S DISEASE (G30)	2	3.2	2	1.0	2	1.0
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	8	12.7	32	16.3	32	16.3
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	6	9.5	24	12.2	24	12.2
RHEUMATIC HEART DISEASES (I00-I09)	0	0.0	1	0.5	1	0.5
ISCHEMIC HEART DISEASES (I20-I25)	5	7.9	17	8.7	17	8.7
ACUTE MYCARDIAL INFARCTION (I21-I22)	3	4.8	7	3.6	7	3.6
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	2	3.2	5	2.6	5	2.6
OTHER HEART DISEASES (I26-I51)	1	1.6	6	3.1	6	3.1
HEART FAILURE (I50)	1	1.6	3	1.5	3	1.5
CEREBROVASCULAR DISEASES (I60-I69)	2	3.2	8	4.1	8	4.1
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	4	6.3	11	5.6	11	5.6
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07,N17-N19,N25-N27)	2	3.2	2	1.0	2	1.0
RENAL FAILURE (N17-N19)	2	3.2	2	1.0	2	1.0
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	10	15.9	32	16.3	33	16.8
TRANSPORT ACCIDENTS (V01-V99,Y85)	2	3.2	14	7.1	14	7.1
MOTOR VEHICLE ACCIDENTS (**)	2	3.2	7	3.6	7	3.6
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	8	12.7	18	9.2	19	9.7
FALLS (W00-W19)	0	0.0	1	0.5	1	0.5
DISCHARGE OF FIREARMS (W32-W34)	1	1.6	1	0.5	1	0.5
DROWNING AND SUBMERSION (W65-W74)	1	1.6	4	2.0	4	2.0
SMOKE, FIRE AND FLAME (X00-X09)	1	1.6	1	0.5	1	0.5
POISONING (X40-X49)	3	4.8	5	2.6	5	2.6
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	8	12.7	19	9.7	19	9.7
BY DISCHARGE OF FIREARMS (X72-X74)	6	9.5	15	7.7	15	7.7
<b>NORTH SLOPE BOROUGH</b>						
TOTAL DEATHS	37	100.0	110	100.0	110	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	3	8.1	4	3.6	4	3.6
SEPTICEMIA (A40-A41)	2	5.4	2	1.8	2	1.8
VIRAL HEPATITIS (B15-B19)	1	2.7	1	0.9	1	0.9
MALIGNANT NEOPLASMS (C00-C97)	11	29.7	25	22.7	25	22.7
STOMACH (C16)	1	2.7	1	0.9	1	0.9
COLON, RECTUM AND ANUS (C18-C21)	1	2.7	3	2.7	3	2.7
PANCREAS (C25)	1	2.7	3	2.7	3	2.7
BRONCHUS AND LUNG (C33-C34)	4	10.8	8	7.3	8	7.3
BREAST (C50)	0	0.0	1	0.9	1	0.9
KIDNEY AND RENAL PELVIS (C64-C65)	1	2.7	2	1.8	2	1.8
BRAIN (C70-C72)	1	2.7	1	0.9	1	0.9
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	8	21.6	21	19.1	21	19.1
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	8	21.6	21	19.1	21	19.1
RHEUMATIC HEART DISEASES (I00-I09)	0	0.0	2	1.8	2	1.8
ISCHEMIC HEART DISEASES (I20-I25)	6	16.2	11	10.0	11	10.0
ACUTE MYCARDIAL INFARCTION (I21-I22)	3	8.1	5	4.5	5	4.5
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	2	5.4	2	1.8	2	1.8
OTHER HEART DISEASES (I26-I51)	2	5.4	8	7.3	8	7.3
HEART FAILURE (I50)	1	2.7	2	1.8	2	1.8
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	4	10.8	7	6.4	7	6.4
EMPHYSEMA (J43)	0	0.0	1	0.9	1	0.9
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	3	8.1	20	18.2	21	19.1
TRANSPORT ACCIDENTS (V01-V99,Y85)	2	5.4	17	15.5	17	15.5
MOTOR VEHICLE ACCIDENTS (**)	2	5.4	5	4.5	5	4.5
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	1	2.7	3	2.7	3	2.7
DROWNING AND SUBMERSION (W65-W74)	0	0.0	1	0.9	1	0.9
POISONING (X40-X49)	1	2.7	2	1.8	2	1.8

(CONTINUED =>)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>NORTHWEST ARCTIC BOROUGH</b>						
TOTAL DEATHS	37	100.0	103	100.0	103	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	3	8.1	3	2.9	3	2.9
SEPTICEMIA (A40-A41)	2	5.4	2	1.9	2	1.9
MALIGNANT NEOPLASMS (C00-C97)	4	10.8	21	20.4	21	20.4
STOMACH (C16)	0	0.0	2	1.9	2	1.9
COLON, RECTUM AND ANUS (C18-C21)	4	10.8	8	7.8	8	7.8
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	0	0.0	2	1.9	2	1.9
PANCREAS (C25)	0	0.0	2	1.9	2	1.9
BRONCHUS AND LUNG (C33-C34)	0	0.0	3	2.9	3	2.9
BREAST (C50)	0	0.0	1	1.0	1	1.0
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	7	18.9	18	17.5	18	17.5
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	5	13.5	15	14.6	15	14.6
ISCHEMIC HEART DISEASES (I20-I25)	2	5.4	7	6.8	7	6.8
ACUTE MYCARDIAL INFARCTION (I21-I22)	0	0.0	2	1.9	2	1.9
OTHER HEART DISEASES (I26-I51)	2	5.4	6	5.8	6	5.8
HEART FAILURE (I50)	0	0.0	2	1.9	2	1.9
CEREBROVASCULAR DISEASES (I60-I69)	2	5.4	3	2.9	3	2.9
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	9	24.3	16	15.5	16	15.5
TRANSPORT ACCIDENTS (V01-V99,Y85)	4	10.8	8	7.8	8	7.8
MOTOR VEHICLE ACCIDENTS (**)	4	10.8	5	4.9	5	4.9
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	5	13.5	8	7.8	8	7.8
DROWNING AND SUBMERSION (W65-W74)	4	10.8	6	5.8	6	5.8
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	4	10.8	11	10.7	11	10.7
BY DISCHARGE OF FIREARMS (X72-X74)	0	0.0	1	1.0	1	1.0
<b>PRINCE OF WALES-OUTER KETCHIKAN CENSUS AREA</b>						
TOTAL DEATHS	23	100.0	80	100.0	80	100.0
MALIGNANT NEOPLASMS (C00-C97)	7	30.4	22	27.5	22	27.5
STOMACH (C16)	1	4.3	1	1.3	1	1.3
COLON, RECTUM AND ANUS (C18-C21)	0	0.0	4	5.0	4	5.0
BRONCHUS AND LUNG (C33-C34)	3	13.0	7	8.8	7	8.8
OVARIAN (C56)	0	0.0	1	1.3	1	1.3
PROSTATE (C61)	0	0.0	1	1.3	1	1.3
KIDNEY AND RENAL PELVIS (C64-C65)	2	8.7	2	2.5	2	2.5
BRAIN (C70-C72)	1	4.3	2	2.5	2	2.5
LYMPHOID AND HEMATOPOIETIC (C81-C96)	0	0.0	2	2.5	2	2.5
NON-HODGKIN'S LYMPHOMA (C82-C85)	0	0.0	2	2.5	2	2.5
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	5	21.7	20	25.0	20	25.0
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	5	21.7	20	25.0	20	25.0
ISCHEMIC HEART DISEASES (I20-I25)	4	17.4	13	16.3	13	16.3
ACUTE MYCARDIAL INFARCTION (I21-I22)	3	13.0	8	10.0	8	10.0
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	1	4.3	2	2.5	2	2.5
OTHER HEART DISEASES (I26-I51)	1	4.3	7	8.8	7	8.8
HEART FAILURE (I50)	0	0.0	1	1.3	1	1.3
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	4	17.4	8	10.0	8	10.0
TRANSPORT ACCIDENTS (V01-V99,Y85)	2	8.7	4	5.0	4	5.0
MOTOR VEHICLE ACCIDENTS (**)	2	8.7	3	3.8	3	3.8
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	2	8.7	4	5.0	4	5.0
DISCHARGE OF FIREARMS (W32-W34)	0	0.0	1	1.3	1	1.3
<b>SITKA BOROUGH</b>						
TOTAL DEATHS	55	100.0	144	100.0	144	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	2	3.6	3	2.1	3	2.1
SEPTICEMIA (A40-A41)	1	1.8	1	0.7	1	0.7
MALIGNANT NEOPLASMS (C00-C97)	11	20.0	24	16.7	24	16.7
ESOPHAGUS (C15)	0	0.0	1	0.7	1	0.7
STOMACH (C16)	1	1.8	1	0.7	1	0.7

(CONTINUED =&gt;)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>SITKA BOROUGH (CONTINUED)</b>						
MALIGNANT NEOPLASMS (C00-C97) (CONTINUED)						
COLON, RECTUM AND ANUS (C18-C21)	0	0.0	3	2.1	3	2.1
PANCREAS (C25)	2	3.6	3	2.1	3	2.1
BRONCHUS AND LUNG (C33-C34)	3	5.5	6	4.2	6	4.2
PROSTATE (C61)	1	1.8	2	1.4	2	1.4
KIDNEY AND RENAL PELVIS (C64-C65)	2	3.6	2	1.4	2	1.4
BRAIN (C70-C72)	0	0.0	1	0.7	1	0.7
DIABETES MELLITUS (E10-E14)	2	3.6	4	2.8	4	2.8
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	18	32.7	53	36.8	53	36.8
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	12	21.8	36	25.0	36	25.0
RHEUMATIC HEART DISEASES (I00-I09)	1	1.8	1	0.7	1	0.7
ISCHEMIC HEART DISEASES (I20-I25)	8	14.5	25	17.4	25	17.4
ACUTE MYCARDIAL INFARCTION (I21-I22)	4	7.3	14	9.7	14	9.7
OTHER HEART DISEASES (I26-I51)	3	5.5	9	6.3	9	6.3
HEART FAILURE (I50)	0	0.0	2	1.4	2	1.4
CEREBROVASCULAR DISEASES (I60-I69)	6	10.9	17	11.8	18	12.5
INFLUENZA AND PNEUMONIA (J10-J18)	2	3.6	10	6.9	8	5.6
PNEUMONIA (J12-J18)	2	3.6	10	6.9	8	5.6
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	3	5.5	5	3.5	5	3.5
ASTHMA (J45-J46)	0	0.0	1	0.7	1	0.7
<b>SKAGWAY-HOONAH-ANGOON CENSUS AREA</b>						
TOTAL DEATHS	11	100.0	52	100.0	52	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	0	0.0	2	3.8	2	3.8
SEPTICEMIA (A40-A41)	0	0.0	1	1.9	1	1.9
VIRAL HEPATITIS (B15-B19)	0	0.0	1	1.9	1	1.9
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	7	63.6	16	30.8	16	30.8
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	7	63.6	16	30.8	16	30.8
RHEUMATIC HEART DISEASES (I00-I09)	1	9.1	1	1.9	1	1.9
ISCHEMIC HEART DISEASES (I20-I25)	4	36.4	10	19.2	10	19.2
ACUTE MYCARDIAL INFARCTION (I21-I22)	2	18.2	5	9.6	5	9.6
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	0	0.0	1	1.9	1	1.9
OTHER HEART DISEASES (I26-I51)	2	18.2	5	9.6	5	9.6
HEART FAILURE (I50)	0	0.0	1	1.9	1	1.9
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	2	18.2	4	7.7	4	7.7
<b>SOUTHEAST FAIRBANKS CENSUS AREA</b>						
TOTAL DEATHS	28	100.0	84	100.0	84	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	0	0.0	1	1.2	1	1.2
SEPTICEMIA (A40-A41)	0	0.0	1	1.2	1	1.2
MALIGNANT NEOPLASMS (C00-C97)	3	10.7	16	19.0	16	19.0
COLON, RECTUM AND ANUS (C18-C21)	1	3.6	4	4.8	4	4.8
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	0	0.0	1	1.2	1	1.2
BRONCHUS AND LUNG (C33-C34)	2	7.1	4	4.8	4	4.8
PROSTATE (C61)	0	0.0	1	1.2	1	1.2
BLADDER (C67)	0	0.0	1	1.2	1	1.2
BRAIN (C70-C72)	0	0.0	1	1.2	1	1.2
LYMPHOID AND HEMATOPOIETIC (C81-C96)	0	0.0	2	2.4	2	2.4
LEUKEMIA (C91-C95)	0	0.0	2	2.4	2	2.4
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	9	32.1	23	27.4	23	27.4
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	6	21.4	18	21.4	18	21.4
ISCHEMIC HEART DISEASES (I20-I25)	6	21.4	15	17.9	15	17.9
ACUTE MYCARDIAL INFARCTION (I21-I22)	0	0.0	4	4.8	4	4.8
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	3	10.7	3	3.6	3	3.6
OTHER HEART DISEASES (I26-I51)	0	0.0	3	3.6	3	3.6
HEART FAILURE (I50)	0	0.0	1	1.2	1	1.2

(CONTINUED =>)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>SOUTHEAST FAIRBANKS CENSUS AREA (CONTINUED)</b>						
MAJOR CARDIOVASCULAR DISEASES (I00-I78) (CONTINUED)						
CEREBROVASCULAR DISEASES (I60-I69)	3	10.7	5	6.0	5	6.0
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	2	7.1	5	6.0	5	6.0
TRANSPORT ACCIDENTS (V01-V99,Y85)	2	7.1	5	6.0	5	6.0
MOTOR VEHICLE ACCIDENTS (**)	1	3.6	4	4.8	4	4.8
AIR TRANSPORT* (V95-V97)	1	3.6	1	1.2	1	1.2
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	2	7.1	7	8.3	7	8.3
BY DISCHARGE OF FIREARMS (X72-X74)	2	7.1	5	6.0	5	6.0
<b>VALDEZ-CORDOVA CENSUS AREA</b>						
TOTAL DEATHS	33	100.0	135	100.0	135	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	1	3.0	1	0.7	1	0.7
SEPTICEMIA (A40-A41)	1	3.0	1	0.7	1	0.7
MALIGNANT NEOPLASMS (C00-C97)	9	27.3	33	24.4	33	24.4
ESOPHAGUS (C15)	1	3.0	2	1.5	2	1.5
COLON, RECTUM AND ANUS (C18-C21)	0	0.0	1	0.7	1	0.7
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	0	0.0	1	0.7	1	0.7
BRONCHUS AND LUNG (C33-C34)	5	15.2	12	8.9	12	8.9
BREAST (C50)	0	0.0	1	0.7	1	0.7
PROSTATE (C61)	1	3.0	4	3.0	4	3.0
KIDNEY AND RENAL PELVIS (C64-C65)	0	0.0	1	0.7	1	0.7
BLADDER (C67)	0	0.0	2	1.5	2	1.5
LYMPHOID AND HEMATOPOIETIC (C81-C96)	0	0.0	4	3.0	4	3.0
NON-HODGKIN'S LYMPHOMA (C82-C85)	0	0.0	3	2.2	3	2.2
LEUKEMIA (C91-C95)	0	0.0	1	0.7	1	0.7
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	5	15.2	23	17.0	23	17.0
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	5	15.2	23	17.0	23	17.0
ISCHEMIC HEART DISEASES (I20-I25)	4	12.1	18	13.3	18	13.3
ACUTE MYCARDIAL INFARCTION (I21-I22)	2	6.1	5	3.7	5	3.7
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	1	3.0	5	3.7	5	3.7
OTHER HEART DISEASES (I26-I51)	1	3.0	4	3.0	4	3.0
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	4	12.1	9	6.7	9	6.7
EMPHYSEMA (J43)	0	0.0	1	0.7	1	0.7
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	7	21.2	24	17.8	25	18.5
TRANSPORT ACCIDENTS (V01-V99,Y85)	2	6.1	10	7.4	10	7.4
MOTOR VEHICLE ACCIDENTS (**)	1	3.0	8	5.9	8	5.9
WATER TRANSPORT* (V90-V94)	1	3.0	1	0.7	1	0.7
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	5	15.2	14	10.4	15	11.1
FALLS (W00-W19)	0	0.0	3	2.2	3	2.2
DISCHARGE OF FIREARMS (W32-W34)	1	3.0	1	0.7	1	0.7
DROWNING AND SUBMERSION (W65-W74)	0	0.0	2	1.5	2	1.5
SMOKE, FIRE AND FLAME (X00-X09)	0	0.0	3	2.2	3	2.2
POISONING (X40-X49)	3	9.1	4	3.0	4	3.0
<b>WADE HAMPTON CENSUS AREA</b>						
TOTAL DEATHS	44	100.0	115	100.0	115	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	2	4.5	6	5.2	6	5.2
TUBERCULOSIS (A16-A19)	0	0.0	2	1.7	2	1.7
SEPTICEMIA (A40-A41)	0	0.0	1	0.9	1	0.9
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	1	2.3	1	0.9	1	0.9
MALIGNANT NEOPLASMS (C00-C97)	10	22.7	30	26.1	30	26.1
STOMACH (C16)	2	4.5	5	4.3	5	4.3
COLON, RECTUM AND ANUS (C18-C21)	0	0.0	3	2.6	3	2.6
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	1	2.3	2	1.7	2	1.7
BRONCHUS AND LUNG (C33-C34)	2	4.5	11	9.6	11	9.6
CERVICAL (C53)	1	2.3	1	0.9	1	0.9
KIDNEY AND RENAL PELVIS (C64-C65)	0	0.0	1	0.9	1	0.9
BRAIN (C70-C72)	1	2.3	1	0.9	1	0.9

(CONTINUED =&gt;)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>WADE HAMPTON CENSUS AREA (CONTINUED)</b>						
MALIGNANT NEOPLASMS (C00-C97) (CONTINUED)						
LYMPHOID AND HEMATOPOIETIC (C81-C96)						
LEUKEMIA (C91-C95)	1	2.3	1	0.9	1	0.9
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	4	9.1	10	8.7	10	8.7
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	4	9.1	10	8.7	10	8.7
ISCHEMIC HEART DISEASES (I20-I25)	1	2.3	3	2.6	3	2.6
ACUTE MYCARDIAL INFARCTION (I21-I22)	1	2.3	2	1.7	2	1.7
OTHER HEART DISEASES (I26-I51)	3	6.8	7	6.1	7	6.1
HEART FAILURE (I50)	2	4.5	4	3.5	4	3.5
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	3	6.8	8	7.0	8	7.0
EMPHYSEMA (J43)	1	2.3	1	0.9	1	0.9
CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P96)	2	4.5	3	2.6	3	2.6
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	5	11.4	12	10.4	12	10.4
TRANSPORT ACCIDENTS (V01-V99,Y85)	2	4.5	4	3.5	4	3.5
MOTOR VEHICLE ACCIDENTS (**)	0	0.0	2	1.7	2	1.7
WATER TRANSPORT* (V90-V94)	2	4.5	2	1.7	2	1.7
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	3	6.8	8	7.0	8	7.0
FALLS (W00-W19)	1	2.3	1	0.9	1	0.9
DROWNING AND SUBMERSION (W65-W74)	0	0.0	1	0.9	1	0.9
POISONING (X40-X49)	2	4.5	4	3.5	4	3.5
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	3	6.8	16	13.9	16	13.9
BY DISCHARGE OF FIREARMS (X72-X74)	0	0.0	7	6.1	7	6.1
ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	4	9.1	7	6.1	7	6.1
BY DISCHARGE OF FIREARMS (X93-X95)	3	6.8	5	4.3	5	4.3
<b>WRANGELL-PETERSBURG CENSUS AREA</b>						
TOTAL DEATHS	50	100.0	125	100.0	125	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	0	0.0	1	0.8	1	0.8
SEPTICEMIA (A40-A41)	0	0.0	1	0.8	1	0.8
MALIGNANT NEOPLASMS (C00-C97)	15	30.0	37	29.6	37	29.6
ESOPHAGUS (C15)	1	2.0	1	0.8	1	0.8
COLON, RECTUM AND ANUS (C18-C21)	4	8.0	5	4.0	5	4.0
PANCREAS (C25)	1	2.0	2	1.6	2	1.6
BRONCHUS AND LUNG (C33-C34)	4	8.0	11	8.8	11	8.8
BREAST (C50)	0	0.0	2	1.6	2	1.6
OVARIAN (C56)	1	2.0	3	2.4	3	2.4
BRAIN (C70-C72)	0	0.0	1	0.8	1	0.8
LYMPHOID AND HEMATOPOIETIC (C81-C96)	2	4.0	6	4.8	6	4.8
NON-HODGKIN'S LYMPHOMA (C82-C85)	1	2.0	2	1.6	2	1.6
LEUKEMIA (C91-C95)	0	0.0	3	2.4	3	2.4
MULTIPLE MYELOMA (C88)	1	2.0	1	0.8	1	0.8
DIABETES MELLITUS (E10-E14)	2	4.0	7	5.6	7	5.6
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	14	28.0	30	24.0	30	24.0
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	7	14.0	23	18.4	23	18.4
ISCHEMIC HEART DISEASES (I20-I25)	5	10.0	14	11.2	14	11.2
ACUTE MYCARDIAL INFARCTION (I21-I22)	1	2.0	4	3.2	4	3.2
OTHER HEART DISEASES (I26-I51)	1	2.0	8	6.4	8	6.4
HEART FAILURE (I50)	1	2.0	4	3.2	4	3.2
CEREBROVASCULAR DISEASES (I60-I69)	7	14.0	7	5.6	7	5.6
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	2	4.0	5	4.0	5	4.0
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	7	14.0	14	11.2	14	11.2
TRANSPORT ACCIDENTS (V01-V99,Y85)	5	10.0	8	6.4	8	6.4
MOTOR VEHICLE ACCIDENTS (**)	2	4.0	2	1.6	2	1.6
WATER TRANSPORT* (V90-V94)	3	6.0	3	2.4	3	2.4
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	2	4.0	6	4.8	6	4.8
FALLS (W00-W19)	0	0.0	1	0.8	1	0.8
DISCHARGE OF FIREARMS (W32-W34)	0	0.0	1	0.8	1	0.8
POISONING (X40-X49)	0	0.0	1	0.8	1	0.8

(CONTINUED =>)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04, V090, V092, V12-V14, V190-V192, V194-V196, V20-V79, V803-V805, V810-V811, V820-V821, V83-V86, V870-V878, V880-V888, V890, V892

**TABLE 21 DETAILED CAUSES OF DEATH BY CENSUS AREA OR BOROUGH:  
ALASKA 1999 AND 1997-1999**

CENSUS AREA/BOROUGH CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>YAKUTAT BOROUGH</b>						
TOTAL DEATHS	2	100.0	13	100.0	13	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	0	0.0	1	7.7	1	7.7
BENIGN AND UNCERTAIN NEOPLASMS (D00-D48)	1	50.0	1	7.7	1	7.7
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	1	50.0	3	23.1	3	23.1
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	1	50.0	3	23.1	3	23.1
ISCHEMIC HEART DISEASES (I20-I25)	1	50.0	3	23.1	3	23.1
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	1	50.0	1	7.7	1	7.7
<b>YUKON-KOYUKUK CENSUS AREA</b>						
TOTAL DEATHS	48	100.0	143	100.0	143	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	1	2.1	2	1.4	2	1.4
VIRAL HEPATITIS (B15-B19)	0	0.0	1	0.7	1	0.7
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	1	2.1	1	0.7	1	0.7
MALIGNANT NEOPLASMS (C00-C97)	10	20.8	31	21.7	31	21.7
ESOPHAGUS (C15)	1	2.1	2	1.4	2	1.4
STOMACH (C16)	2	4.2	4	2.8	4	2.8
COLON, RECTUM AND ANUS (C18-C21)	1	2.1	5	3.5	5	3.5
PANCREAS (C25)	1	2.1	4	2.8	4	2.8
BRONCHUS AND LUNG (C33-C34)	3	6.3	9	6.3	9	6.3
BREAST (C50)	0	0.0	1	0.7	1	0.7
PROSTATE (C61)	0	0.0	2	1.4	2	1.4
LYMPHOID AND HEMATOPOIETIC (C81-C96)	0	0.0	1	0.7	1	0.7
LEUKEMIA (C91-C95)	0	0.0	1	0.7	1	0.7
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	6	12.5	31	21.7	31	21.7
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	6	12.5	31	21.7	31	21.7
ISCHEMIC HEART DISEASES (I20-I25)	4	8.3	19	13.3	19	13.3
ACUTE MYCARDIAL INFARCTION (I21-I22)	1	2.1	6	4.2	6	4.2
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	2	4.2	7	4.9	7	4.9
OTHER HEART DISEASES (I26-I51)	1	2.1	11	7.7	11	7.7
HEART FAILURE (I50)	0	0.0	5	3.5	5	3.5
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	4	8.3	8	5.6	8	5.6
EMPHYSEMA (J43)	0	0.0	1	0.7	1	0.7
CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	2	4.2	3	2.1	3	2.1
ALCOHOLIC LIVER DISEASE (K70)	1	2.1	2	1.4	2	1.4
OTHER CHRONIC LIVER DISEASE AND CIRRHOSIS (K73-K74)	1	2.1	1	0.7	1	0.7
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	7	14.6	17	11.9	17	11.9
TRANSPORT ACCIDENTS (V01-V99,Y85)	2	4.2	3	2.1	3	2.1
MOTOR VEHICLE ACCIDENTS (**)	2	4.2	2	1.4	2	1.4
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	5	10.4	14	9.8	15	10.5
FALLS (W00-W19)	0	0.0	1	0.7	1	0.7
DISCHARGE OF FIREARMS (W32-W34)	0	0.0	1	0.7	1	0.7
DROWNING AND SUBMERSION (W65-W74)	2	4.2	3	2.1	3	2.1
SMOKE, FIRE AND FLAME (X00-X09)	2	4.2	2	1.4	2	1.4
POISONING (X40-X49)	1	2.1	3	2.1	3	2.1
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	2	4.2	12	8.4	12	8.4
BY DISCHARGE OF FIREARMS (X72-X74)	1	2.1	9	6.3	9	6.3
ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	2	4.2	6	4.2	6	4.2
BY DISCHARGE OF FIREARMS (X93-X95)	2	4.2	2	1.4	2	1.4

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 22 DEATHS BY NATIVE REGIONAL CORPORATION: ALASKA 1999 AND 1997-1999 BY RACE, SEX, AND AGE GROUP**

NATIVE REGIONAL CORPORATION	TOTAL				MALE				FEMALE			
	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %
<b>AHTNA INCORPORATED</b>												
TOTAL DEATHS	13	100.0	49	100.0	6	46.2	28	57.1	7	53.8	21	42.9
DEATHS BY RACE												
WHITE	9	69.2	34	69.4	4	66.7	18	64.3	5	71.4	16	76.2
NATIVE	4	30.8	14	28.6	2	33.3	9	32.1	2	28.6	5	23.8
BLACK	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ASIAN/PI	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DEATHS BY AGE GROUP												
00-04	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
05-14	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-24	0	0.0	1	2.0	0	0.0	0	0.0	0	0.0	1	4.8
25-34	0	0.0	2	4.1	0	0.0	2	7.1	0	0.0	0	0.0
35-44	1	7.7	3	6.1	0	0.0	2	7.1	1	14.3	1	4.8
45-54	1	7.7	6	12.2	1	16.7	5	17.9	0	0.0	1	4.8
55-64	3	23.1	10	20.4	1	16.7	7	25.0	2	28.6	3	14.3
65-74	3	23.1	10	20.4	1	16.7	5	17.9	2	28.6	5	23.8
75-84	2	15.4	6	12.2	2	33.3	3	10.7	0	0.0	3	14.3
85+	3	23.1	11	22.4	1	16.7	4	14.3	2	28.6	7	33.3
<b>ALEUT CORPORATION</b>												
TOTAL DEATHS	18	100.0	69	100.0	13	72.2	48	69.6	5	27.8	21	30.4
DEATHS BY RACE												
WHITE	4	22.2	11	15.9	4	30.8	11	22.9	0	0.0	0	0.0
NATIVE	14	77.8	53	76.8	9	69.2	34	70.8	5	100.0	19	90.5
BLACK	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ASIAN/PI	0	0.0	5	7.2	0	0.0	3	6.3	0	0.0	2	9.5
DEATHS BY AGE GROUP												
00-04	2	11.1	4	5.8	1	7.7	2	4.2	1	20.0	2	9.5
05-14	1	5.6	1	1.4	1	7.7	1	2.1	0	0.0	0	0.0
15-24	0	0.0	4	5.8	0	0.0	4	8.3	0	0.0	0	0.0
25-34	3	16.7	6	8.7	1	7.7	3	6.3	2	40.0	3	14.3
35-44	5	27.8	11	15.9	4	30.8	8	16.7	1	20.0	3	14.3
45-54	2	11.1	7	10.1	2	15.4	5	10.4	0	0.0	2	9.5
55-64	1	5.6	10	14.5	1	7.7	6	12.5	0	0.0	4	19.0
65-74	0	0.0	8	11.6	0	0.0	5	10.4	0	0.0	3	14.3
75-84	3	16.7	16	23.2	2	15.4	13	27.1	1	20.0	3	14.3
85+	1	5.6	2	2.9	1	7.7	1	2.1	0	0.0	1	4.8
<b>ARCTIC SLOPE CORPORATION</b>												
TOTAL DEATHS	37	100.0	110	100.0	20	54.1	64	58.2	17	45.9	46	41.8
DEATHS BY RACE												
WHITE	1	2.7	7	6.4	1	5.0	7	10.9	0	0.0	0	0.0
NATIVE	35	94.6	101	91.8	19	95.0	56	87.5	16	94.1	45	97.8
BLACK	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ASIAN/PI	1	2.7	2	1.8	0	0.0	1	1.6	1	5.9	1	2.2
DEATHS BY AGE GROUP												
00-04	0	0.0	2	1.8	0	0.0	1	1.6	0	0.0	1	2.2
05-14	0	0.0	4	3.6	0	0.0	0	0.0	0	0.0	4	8.7
15-24	1	2.7	6	5.5	1	5.0	5	7.8	0	0.0	1	2.2
25-34	0	0.0	4	3.6	0	0.0	1	1.6	0	0.0	3	6.5
35-44	7	18.9	26	23.6	4	20.0	15	23.4	3	17.6	11	23.9
45-54	4	10.8	14	12.7	1	5.0	9	14.1	3	17.6	5	10.9
55-64	4	10.8	12	10.9	3	15.0	8	12.5	1	5.9	4	8.7
65-74	5	13.5	16	14.5	3	15.0	10	15.6	2	11.8	6	13.0
75-84	8	21.6	14	12.7	5	25.0	9	14.1	3	17.6	5	10.9
85+	8	21.6	12	10.9	3	15.0	6	9.4	5	29.4	6	13.0

(CONTINUED =&gt;)



**TABLE 22 DEATHS BY NATIVE REGIONAL CORPORATION: ALASKA 1999 AND 1997-1999 BY RACE, SEX, AND AGE GROUP**

NATIVE REGIONAL CORPORATION	TOTAL				MALE				FEMALE			
	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %
<b>BERING STRAITS NATIVE CORPORATION</b>												
TOTAL DEATHS	63	100.0	196	100.0	34	54.0	123	62.8	29	46.0	73	37.2
DEATHS BY RACE												
WHITE	5	7.9	18	9.2	4	11.8	16	13.0	1	3.4	2	2.7
NATIVE	58	92.1	178	90.8	30	88.2	107	87.0	28	96.6	71	97.3
BLACK	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ASIAN/PI	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DEATHS BY AGE GROUP												
00-04	2	3.2	12	6.1	1	2.9	7	5.7	1	3.4	5	6.8
05-14	1	1.6	5	2.6	1	2.9	3	2.4	0	0.0	2	2.7
15-24	4	6.3	11	5.6	3	8.8	9	7.3	1	3.4	2	2.7
25-34	9	14.3	19	9.7	7	20.6	16	13.0	2	6.9	3	4.1
35-44	2	3.2	23	11.7	2	5.9	16	13.0	0	0.0	7	9.6
45-54	6	9.5	20	10.2	2	5.9	12	9.8	4	13.8	8	11.0
55-64	10	15.9	20	10.2	4	11.8	10	8.1	6	20.7	10	13.7
65-74	12	19.0	38	19.4	7	20.6	25	20.3	5	17.2	13	17.8
75-84	11	17.5	31	15.8	4	11.8	18	14.6	7	24.1	13	17.8
85+	6	9.5	17	8.7	3	8.8	7	5.7	3	10.3	10	13.7
<b>BRISTOL BAY NATIVE CORPORATION</b>												
TOTAL DEATHS	37	100.0	121	100.0	21	56.8	70	57.9	16	43.2	51	42.1
DEATHS BY RACE												
WHITE	5	13.5	24	19.8	5	23.8	16	22.9	0	0.0	8	15.7
NATIVE	32	86.5	97	80.2	16	76.2	54	77.1	16	100.0	43	84.3
BLACK	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ASIAN/PI	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DEATHS BY AGE GROUP												
00-04	3	8.1	5	4.1	2	9.5	3	4.3	1	6.3	2	3.9
05-14	1	2.7	2	1.7	1	4.8	1	1.4	0	0.0	1	2.0
15-24	3	8.1	8	6.6	3	14.3	8	11.4	0	0.0	0	0.0
25-34	5	13.5	19	15.7	3	14.3	13	18.6	2	12.5	6	11.8
35-44	0	0.0	9	7.4	0	0.0	5	7.1	0	0.0	4	7.8
45-54	4	10.8	9	7.4	3	14.3	7	10.0	1	6.3	2	3.9
55-64	4	10.8	18	14.9	2	9.5	7	10.0	2	12.5	11	21.6
65-74	5	13.5	19	15.7	2	9.5	11	15.7	3	18.8	8	15.7
75-84	8	21.6	18	14.9	2	9.5	9	12.9	6	37.5	9	17.6
85+	4	10.8	14	11.6	3	14.3	6	8.6	1	6.3	8	15.7
<b>CALISTA CORPORATION</b>												
TOTAL DEATHS	131	100.0	352	100.0	85	64.9	220	62.5	46	35.1	132	37.5
DEATHS BY RACE												
WHITE	3	2.3	15	4.3	3	3.5	11	5.0	0	0.0	4	3.0
NATIVE	128	97.7	337	95.7	82	96.5	209	95.0	46	100.0	128	97.0
BLACK	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ASIAN/PI	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DEATHS BY AGE GROUP												
00-04	10	7.6	29	8.2	7	8.2	18	8.2	3	6.5	11	8.3
05-14	4	3.1	11	3.1	2	2.4	7	3.2	2	4.3	4	3.0
15-24	12	9.2	35	9.9	6	7.1	21	9.5	6	13.0	14	10.6
25-34	11	8.4	32	9.1	7	8.2	22	10.0	4	8.7	10	7.6
35-44	11	8.4	29	8.2	10	11.8	23	10.5	1	2.2	6	4.5
45-54	8	6.1	17	4.8	6	7.1	11	5.0	2	4.3	6	4.5
55-64	8	6.1	34	9.7	6	7.1	25	11.4	2	4.3	9	6.8
65-74	23	17.6	57	16.2	16	18.8	32	14.5	7	15.2	25	18.9
75-84	30	22.9	74	21.0	19	22.4	43	19.5	11	23.9	31	23.5
85+	14	10.7	34	9.7	6	7.1	18	8.2	8	17.4	16	12.1

(CONTINUED =&gt;)

**TABLE 22 DEATHS BY NATIVE REGIONAL CORPORATION: ALASKA 1999 AND 1997-1999 BY RACE, SEX, AND AGE GROUP**

NATIVE REGIONAL CORPORATION	TOTAL				MALE				FEMALE			
	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %
<b>CHUGACH ALASKA CORPORATION</b>												
TOTAL DEATHS	49	100.0	177	100.0	33	67.3	115	65.0	16	32.7	62	35.0
DEATHS BY RACE												
WHITE	35	71.4	130	73.4	25	75.8	84	73.0	10	62.5	46	74.2
NATIVE	13	26.5	42	23.7	8	24.2	28	24.3	5	31.3	14	22.6
BLACK	0	0.0	1	0.6	0	0.0	1	0.9	0	0.0	0	0.0
ASIAN/PI	1	2.0	3	1.7	0	0.0	2	1.7	1	6.3	1	1.6
DEATHS BY AGE GROUP												
00-04	0	0.0	1	0.6	0	0.0	1	0.9	0	0.0	0	0.0
05-14	0	0.0	2	1.1	0	0.0	1	0.9	0	0.0	1	1.6
15-24	2	4.1	7	4.0	2	6.1	7	6.1	0	0.0	0	0.0
25-34	2	4.1	4	2.3	2	6.1	3	2.6	0	0.0	1	1.6
35-44	8	16.3	20	11.3	6	18.2	17	14.8	2	12.5	3	4.8
45-54	6	12.2	23	13.0	4	12.1	17	14.8	2	12.5	6	9.7
55-64	8	16.3	22	12.4	6	18.2	17	14.8	2	12.5	5	8.1
65-74	6	12.2	30	16.9	4	12.1	15	13.0	2	12.5	15	24.2
75-84	12	24.5	43	24.3	6	18.2	24	20.9	6	37.5	19	30.6
85+	5	10.2	25	14.1	3	9.1	13	11.3	2	12.5	12	19.4
<b>COOK INLET REGIONAL CORPORATION</b>												
TOTAL DEATHS	1461	100.0	4274	100.0	797	54.6	2440	57.1	664	45.4	1834	42.9
DEATHS BY RACE												
WHITE	1196	81.9	3528	82.5	669	83.9	2043	83.7	527	79.4	1485	81.0
NATIVE	153	10.5	429	10.0	73	9.2	224	9.2	80	12.0	205	11.2
BLACK	49	3.4	140	3.3	24	3.0	76	3.1	25	3.8	64	3.5
ASIAN/PI	59	4.0	166	3.9	28	3.5	90	3.7	31	4.7	76	4.1
DEATHS BY AGE GROUP												
00-04	28	1.9	128	3.0	15	1.9	82	3.4	13	2.0	46	2.5
05-14	9	0.6	46	1.1	3	0.4	28	1.1	6	0.9	18	1.0
15-24	44	3.0	123	2.9	33	4.1	95	3.9	11	1.7	28	1.5
25-34	63	4.3	189	4.4	44	5.5	132	5.4	19	2.9	57	3.1
35-44	128	8.8	365	8.5	81	10.2	227	9.3	47	7.1	138	7.5
45-54	176	12.0	525	12.3	106	13.3	359	14.7	70	10.5	166	9.1
55-64	224	15.3	629	14.7	127	15.9	381	15.6	97	14.6	248	13.5
65-74	294	20.1	906	21.2	173	21.7	543	22.3	121	18.2	363	19.8
75-84	304	20.8	848	19.8	148	18.6	425	17.4	156	23.5	423	23.1
85+	191	13.1	515	12.0	67	8.4	168	6.9	124	18.7	347	18.9
<b>DOYON LIMITED</b>												
TOTAL DEATHS	414	100.0	1168	100.0	256	61.8	699	59.8	158	38.2	469	40.2
DEATHS BY RACE												
WHITE	317	76.6	867	74.2	203	79.3	530	75.8	114	72.2	337	71.9
NATIVE	73	17.6	226	19.3	39	15.2	127	18.2	34	21.5	99	21.1
BLACK	18	4.3	52	4.5	12	4.7	31	4.4	6	3.8	21	4.5
ASIAN/PI	6	1.4	19	1.6	2	0.8	7	1.0	4	2.5	12	2.6
DEATHS BY AGE GROUP												
00-04	15	3.6	35	3.0	6	2.3	19	2.7	9	5.7	16	3.4
05-14	2	0.5	12	1.0	2	0.8	9	1.3	0	0.0	3	0.6
15-24	18	4.3	61	5.2	11	4.3	43	6.2	7	4.4	18	3.8
25-34	19	4.6	58	5.0	17	6.6	47	6.7	2	1.3	11	2.3
35-44	42	10.1	104	8.9	24	9.4	62	8.9	18	11.4	42	9.0
45-54	56	13.5	154	13.2	41	16.0	111	15.9	15	9.5	43	9.2
55-64	61	14.7	164	14.0	40	15.6	106	15.2	21	13.3	58	12.4
65-74	87	21.0	234	20.0	60	23.4	143	20.5	27	17.1	91	19.4
75-84	77	18.6	217	18.6	46	18.0	112	16.0	31	19.6	105	22.4
85+	37	8.9	129	11.0	9	3.5	47	6.7	28	17.7	82	17.5

(CONTINUED => )

**TABLE 22 DEATHS BY NATIVE REGIONAL CORPORATION: ALASKA 1999 AND 1997-1999  
BY RACE, SEX, AND AGE GROUP**

NATIVE REGIONAL CORPORATION	TOTAL				MALE				FEMALE			
	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %	1999 DEATHS	1999 %	97-99 DEATHS	97-99 %
<b>KONIAG INCORPORATED</b>												
TOTAL DEATHS	54	100.0	151	100.0	34	63.0	98	64.9	20	37.0	53	35.1
DEATHS BY RACE												
WHITE	33	61.1	86	57.0	24	70.6	58	59.2	9	45.0	28	52.8
NATIVE	14	25.9	49	32.5	7	20.6	28	28.6	7	35.0	21	39.6
BLACK	2	3.7	3	2.0	0	0.0	1	1.0	2	10.0	2	3.8
ASIAN/PI	4	7.4	11	7.3	3	8.8	10	10.2	1	5.0	1	1.9
DEATHS BY AGE GROUP												
00-04	1	1.9	6	4.0	0	0.0	4	4.1	1	5.0	2	3.8
05-14	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-24	1	1.9	9	6.0	1	2.9	7	7.1	0	0.0	2	3.8
25-34	3	5.6	8	5.3	2	5.9	4	4.1	1	5.0	4	7.5
35-44	4	7.4	17	11.3	3	8.8	12	12.2	1	5.0	5	9.4
45-54	7	13.0	19	12.6	5	14.7	15	15.3	2	10.0	4	7.5
55-64	12	22.2	29	19.2	7	20.6	18	18.4	5	25.0	11	20.8
65-74	16	29.6	33	21.9	11	32.4	22	22.4	5	25.0	11	20.8
75-84	5	9.3	16	10.6	2	5.9	10	10.2	3	15.0	6	11.3
85+	5	9.3	14	9.3	3	8.8	6	6.1	2	10.0	8	15.1
<b>NANA REGIONAL CORPORATION</b>												
TOTAL DEATHS	37	100.0	103	100.0	25	67.6	64	62.1	12	32.4	39	37.9
DEATHS BY RACE												
WHITE	1	2.7	6	5.8	1	4.0	3	4.7	0	0.0	3	7.7
NATIVE	36	97.3	97	94.2	24	96.0	61	95.3	12	100.0	36	92.3
BLACK	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ASIAN/PI	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DEATHS BY AGE GROUP												
00-04	3	8.1	6	5.8	2	8.0	3	4.7	1	8.3	3	7.7
05-14	0	0.0	1	1.0	0	0.0	1	1.6	0	0.0	0	0.0
15-24	3	8.1	11	10.7	3	12.0	10	15.6	0	0.0	1	2.6
25-34	5	13.5	9	8.7	4	16.0	7	10.9	1	8.3	2	5.1
35-44	5	13.5	13	12.6	4	16.0	11	17.2	1	8.3	2	5.1
45-54	3	8.1	9	8.7	3	12.0	6	9.4	0	0.0	3	7.7
55-64	4	10.8	14	13.6	2	8.0	8	12.5	2	16.7	6	15.4
65-74	3	8.1	15	14.6	2	8.0	7	10.9	1	8.3	8	20.5
75-84	5	13.5	13	12.6	3	12.0	7	10.9	2	16.7	6	15.4
85+	6	16.2	12	11.7	2	8.0	4	6.3	4	33.3	8	20.5
<b>SEALASKA CORPORATION</b>												
TOTAL DEATHS	382	100.0	1093	100.0	207	54.2	618	56.5	175	45.8	475	43.5
DEATHS BY RACE												
WHITE	282	73.8	812	74.3	156	75.4	459	74.3	126	72.0	353	74.3
NATIVE	90	23.6	250	22.9	45	21.7	139	22.5	45	25.7	111	23.4
BLACK	1	0.3	2	0.2	0	0.0	1	0.2	1	0.6	1	0.2
ASIAN/PI	9	2.4	29	2.7	6	2.9	19	3.1	3	1.7	10	2.1
DEATHS BY AGE GROUP												
00-04	8	2.1	22	2.0	2	1.0	11	1.8	6	3.4	11	2.3
05-14	1	0.3	2	0.2	0	0.0	1	0.2	1	0.6	1	0.2
15-24	10	2.6	25	2.3	7	3.4	21	3.4	3	1.7	4	0.8
25-34	16	4.2	37	3.4	13	6.3	29	4.7	3	1.7	8	1.7
35-44	15	3.9	71	6.5	10	4.8	44	7.1	5	2.9	27	5.7
45-54	34	8.9	112	10.2	22	10.6	74	12.0	12	6.9	38	8.0
55-64	50	13.1	144	13.2	33	15.9	98	15.9	17	9.7	46	9.7
65-74	86	22.5	232	21.2	52	25.1	143	23.1	34	19.4	89	18.7
75-84	98	25.7	270	24.7	43	20.8	131	21.2	55	31.4	139	29.3
85+	64	16.8	178	16.3	25	12.1	66	10.7	39	22.3	112	23.6

**TABLE 23 DETAILED CAUSES OF DEATH BY NATIVE REGIONAL CORPORATION  
ALASKA 1999 AND 1997-1999**

NATIVE REGIONAL CORPORATION CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>AHTNA INCORPORATED</b>						
TOTAL DEATHS	13	100.0	49	100.0	49	100.0
MALIGNANT NEOPLASMS (C00-C97)	5	38.5	14	28.6	14	28.6
BRONCHUS AND LUNG (C33-C34)	3	23.1	5	10.2	5	10.2
PROSTATE (C61)	0	0.0	1	2.0	1	2.0
BLADDER (C67)	0	0.0	2	4.1	2	4.1
LYMPHOID AND HEMATOPOIETIC (C81-C96)	0	0.0	3	6.1	3	6.1
NON-HODGKIN'S LYMPHOMA (C82-C85)	0	0.0	3	6.1	3	6.1
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	2	15.4	2	4.1	2	4.1
CEREBROVASCULAR DISEASES (I60-I69)	2	15.4	2	4.1	2	4.1
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	3	23.1	3	6.1	3	6.1
<b>ALEUT CORPORATION</b>						
TOTAL DEATHS	18	100.0	69	100.0	69	100.0
MALIGNANT NEOPLASMS (C00-C97)	4	22.2	19	27.5	19	27.5
ESOPHAGUS (C15)	0	0.0	1	1.4	1	1.4
STOMACH (C16)	0	0.0	1	1.4	1	1.4
PANCREAS (C25)	0	0.0	2	2.9	2	2.9
BRONCHUS AND LUNG (C33-C34)	0	0.0	5	7.2	5	7.2
BREAST (C50)	0	0.0	2	2.9	2	2.9
CERVICAL (C53)	0	0.0	1	1.4	1	1.4
PROSTATE (C61)	1	5.6	1	1.4	1	1.4
LYMPHOID AND HEMATOPOIETIC (C81-C96)	1	5.6	1	1.4	1	1.4
LEUKEMIA (C91-C95)	1	5.6	1	1.4	1	1.4
DIABETES MELLITUS (E10-E14)	2	11.1	4	5.8	4	5.8
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	7	38.9	14	20.3	14	20.3
TRANSPORT ACCIDENTS (V01-V99,Y85)	1	5.6	3	4.3	3	4.3
MOTOR VEHICLE ACCIDENTS (**)	1	5.6	2	2.9	2	2.9
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	6	33.3	11	15.9	11	15.9
FALLS (W00-W19)	0	0.0	1	1.4	1	1.4
DROWNING AND SUBMERSION (W65-W74)	0	0.0	1	1.4	1	1.4
SMOKE, FIRE AND FLAME (X00-X09)	0	0.0	1	1.4	1	1.4
POISONING (X40-X49)	6	33.3	6	8.7	6	8.7
<b>ARCTIC SLOPE CORPORATION</b>						
TOTAL DEATHS	37	100.0	110	100.0	110	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	3	8.1	4	3.6	4	3.6
SEPTICEMIA (A40-A41)	2	5.4	2	1.8	2	1.8
VIRAL HEPATITIS (B15-B19)	1	2.7	1	0.9	1	0.9
MALIGNANT NEOPLASMS (C00-C97)	11	29.7	25	22.7	25	22.7
STOMACH (C16)	1	2.7	1	0.9	1	0.9
COLON, RECTUM AND ANUS (C18-C21)	1	2.7	3	2.7	3	2.7
PANCREAS (C25)	1	2.7	3	2.7	3	2.7
BRONCHUS AND LUNG (C33-C34)	4	10.8	8	7.3	8	7.3
BREAST (C50)	0	0.0	1	0.9	1	0.9
KIDNEY AND RENAL PELVIS (C64-C65)	1	2.7	2	1.8	2	1.8
BRAIN (C70-C72)	1	2.7	1	0.9	1	0.9
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	8	21.6	21	19.1	21	19.1
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	8	21.6	21	19.1	21	19.1
RHEUMATIC HEART DISEASES (I00-I09)	0	0.0	2	1.8	2	1.8
ISCHEMIC HEART DISEASES (I20-I25)	6	16.2	11	10.0	11	10.0
ACUTE MYCARDIAL INFARCTION (I21-I22)	3	8.1	5	4.5	5	4.5
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	2	5.4	2	1.8	2	1.8
OTHER HEART DISEASES (I26-I51)	2	5.4	8	7.3	8	7.3
HEART FAILURE (I50)	1	2.7	2	1.8	2	1.8
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	4	10.8	7	6.4	7	6.4
EMPHYSEMA (J43)	0	0.0	1	0.9	1	0.9

(CONTINUED =>)

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 23 DETAILED CAUSES OF DEATH BY NATIVE REGIONAL CORPORATION  
ALASKA 1999 AND 1997-1999**

NATIVE REGIONAL CORPORATION CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>ARCTIC SLOPE CORPORATION (CONTINUED)</b>						
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	3	8.1	20	18.2	21	19.1
TRANSPORT ACCIDENTS (V01-V99,Y85)	2	5.4	17	15.5	17	15.5
MOTOR VEHICLE ACCIDENTS (**)	2	5.4	5	4.5	5	4.5
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	1	2.7	3	2.7	3	2.7
DROWNING AND SUBMERSION (W65-W74)	0	0.0	1	0.9	1	0.9
POISONING (X40-X49)	1	2.7	2	1.8	2	1.8
<b>BERING STRAITS NATIVE CORPORATION</b>						
TOTAL DEATHS	63	100.0	196	100.0	196	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	3	4.8	6	3.1	6	3.1
MENINGOCOCCAL INFECTION (A39)	1	1.6	1	0.5	1	0.5
SEPTICEMIA (A40-A41)	2	3.2	4	2.0	4	2.0
MALIGNANT NEOPLASMS (C00-C97)	15	23.8	45	23.0	45	23.0
ESOPHAGUS (C15)	1	1.6	3	1.5	3	1.5
STOMACH (C16)	1	1.6	6	3.1	6	3.1
COLON, RECTUM AND ANUS (C18-C21)	2	3.2	7	3.6	7	3.6
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	1	1.6	1	0.5	1	0.5
PANCREAS (C25)	0	0.0	1	0.5	1	0.5
BRONCHUS AND LUNG (C33-C34)	6	9.5	15	7.7	15	7.7
BREAST (C50)	1	1.6	1	0.5	1	0.5
OVARIAN (C56)	0	0.0	1	0.5	1	0.5
KIDNEY AND RENAL PELVIS (C64-C65)	0	0.0	1	0.5	1	0.5
BLADDER (C67)	0	0.0	1	0.5	1	0.5
LYMPHOID AND HEMATOPOIETIC (C81-C96)	2	3.2	4	2.0	4	2.0
LEUKEMIA (C91-C95)	1	1.6	3	1.5	3	1.5
MULTIPLE MYELOMA (C88)	1	1.6	1	0.5	1	0.5
ALZHEIMER'S DISEASE (G30)	2	3.2	2	1.0	2	1.0
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	8	12.7	32	16.3	32	16.3
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	6	9.5	24	12.2	24	12.2
RHEUMATIC HEART DISEASES (I00-I09)	0	0.0	1	0.5	1	0.5
ISCHEMIC HEART DISEASES (I20-I25)	5	7.9	17	8.7	17	8.7
ACUTE MYOCARDIAL INFARCTION (I21-I22)	3	4.8	7	3.6	7	3.6
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	2	3.2	5	2.6	5	2.6
OTHER HEART DISEASES (I26-I51)	1	1.6	6	3.1	6	3.1
HEART FAILURE (I50)	1	1.6	3	1.5	3	1.5
CEREBROVASCULAR DISEASES (I60-I69)	2	3.2	8	4.1	8	4.1
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	4	6.3	11	5.6	11	5.6
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07,N17-N19,N25-N27)	2	3.2	2	1.0	2	1.0
RENAL FAILURE (N17-N19)	2	3.2	2	1.0	2	1.0
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	10	15.9	32	16.3	33	16.8
TRANSPORT ACCIDENTS (V01-V99,Y85)	2	3.2	14	7.1	14	7.1
MOTOR VEHICLE ACCIDENTS (**)	2	3.2	7	3.6	7	3.6
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	8	12.7	18	9.2	19	9.7
FALLS (W00-W19)	0	0.0	1	0.5	1	0.5
DISCHARGE OF FIREARMS (W32-W34)	1	1.6	1	0.5	1	0.5
DROWNING AND SUBMERSION (W65-W74)	1	1.6	4	2.0	4	2.0
SMOKE, FIRE AND FLAME (X00-X09)	1	1.6	1	0.5	1	0.5
POISONING (X40-X49)	3	4.8	5	2.6	5	2.6
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	8	12.7	19	9.7	19	9.7
BY DISCHARGE OF FIREARMS (X72-X74)	6	9.5	15	7.7	15	7.7
<b>BRISTOL BAY NATIVE CORPORATION</b>						
TOTAL DEATHS	37	100.0	121	100.0	121	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	1	2.7	2	1.7	2	1.7
SEPTICEMIA (A40-A41)	0	0.0	1	0.8	1	0.8
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	1	2.7	1	0.8	1	0.8

(CONTINUED =&gt;

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 23 DETAILED CAUSES OF DEATH BY NATIVE REGIONAL CORPORATION  
ALASKA 1999 AND 1997-1999**

NATIVE REGIONAL CORPORATION CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>BRISTOL BAY NATIVE CORPORATION (CONTINUED)</b>						
MALIGNANT NEOPLASMS (C00-C97)	6	16.2	23	19.0	23	19.0
STOMACH (C16)	1	2.7	3	2.5	3	2.5
COLON, RECTUM AND ANUS (C18-C21)	1	2.7	3	2.5	3	2.5
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	1	2.7	2	1.7	2	1.7
PANCREAS (C25)	0	0.0	1	0.8	1	0.8
BRONCHUS AND LUNG (C33-C34)	1	2.7	3	2.5	3	2.5
BREAST (C50)	1	2.7	1	0.8	1	0.8
BLADDER (C67)	0	0.0	1	0.8	1	0.8
LYMPHOID AND HEMATOPOIETIC (C81-C96)	0	0.0	1	0.8	1	0.8
LEUKEMIA (C91-C95)	0	0.0	1	0.8	1	0.8
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	8	21.6	20	16.5	20	16.5
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	8	21.6	20	16.5	20	16.5
ISCHEMIC HEART DISEASES (I20-I25)	7	18.9	14	11.6	14	11.6
ACUTE MYCARDIAL INFARCTION (I21-I22)	1	2.7	3	2.5	3	2.5
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	1	2.7	2	1.7	2	1.7
OTHER HEART DISEASES (I26-I51)	1	2.7	5	4.1	5	4.1
HEART FAILURE (I50)	1	2.7	3	2.5	3	2.5
INFLUENZA AND PNEUMONIA (J10-J18)	2	5.4	3	2.5	3	2.5
PNEUMONIA (J12-J18)	2	5.4	3	2.5	3	2.5
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	2	5.4	8	6.6	8	6.6
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	7	18.9	25	20.7	26	21.5
TRANSPORT ACCIDENTS (V01-V99,Y85)	3	8.1	10	8.3	10	8.3
MOTOR VEHICLE ACCIDENTS (**)	2	5.4	6	5.0	6	5.0
WATER TRANSPORT* (V90-V94)	1	2.7	1	0.8	1	0.8
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	4	10.8	15	12.4	16	13.2
FALLS (W00-W19)	0	0.0	2	1.7	2	1.7
DROWNING AND SUBMERSION (W65-W74)	2	5.4	5	4.1	5	4.1
SMOKE, FIRE AND FLAME (X00-X09)	0	0.0	3	2.5	3	2.5
POISONING (X40-X49)	1	2.7	2	1.7	2	1.7
ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	3	8.1	3	2.5	3	2.5
BY DISCHARGE OF FIREARMS (X93-X95)	1	2.7	1	0.8	1	0.8
<b>CALISTA CORPORATION</b>						
TOTAL DEATHS	131	100.0	352	100.0	352	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	5	3.8	12	3.4	12	3.4
TUBERCULOSIS (A16-A19)	2	1.5	4	1.1	4	1.1
SEPTICEMIA (A40-A41)	0	0.0	3	0.9	4	1.1
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	1	0.8	1	0.3	1	0.3
MALIGNANT NEOPLASMS (C00-C97)	24	18.3	71	20.2	71	20.2
ESOPHAGUS (C15)	0	0.0	2	0.6	2	0.6
STOMACH (C16)	3	2.3	7	2.0	7	2.0
COLON, RECTUM AND ANUS (C18-C21)	4	3.1	11	3.1	11	3.1
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	1	0.8	3	0.9	3	0.9
PANCREAS (C25)	1	0.8	3	0.9	3	0.9
BRONCHUS AND LUNG (C33-C34)	3	2.3	21	6.0	21	6.0
BREAST (C50)	0	0.0	2	0.6	2	0.6
CERVICAL (C53)	1	0.8	1	0.3	1	0.3
OVARIAN (C56)	0	0.0	2	0.6	2	0.6
KIDNEY AND RENAL PELVIS (C64-C65)	2	1.5	4	1.1	4	1.1
BRAIN (C70-C72)	1	0.8	1	0.3	1	0.3
LYMPHOID AND HEMATOPOIETIC (C81-C96)	2	1.5	5	1.4	5	1.4
NON-HODGKIN'S LYMPHOMA (C82-C85)	1	0.8	3	0.9	3	0.9
LEUKEMIA (C91-C95)	1	0.8	2	0.6	2	0.6

(CONTINUED =>

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 23 DETAILED CAUSES OF DEATH BY NATIVE REGIONAL CORPORATION  
ALASKA 1999 AND 1997-1999**

NATIVE REGIONAL CORPORATION CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>CALISTA CORPORATION (CONTINUED)</b>						
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	18	13.7	54	15.3	54	15.3
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	15	11.5	42	11.9	42	11.9
RHEUMATIC HEART DISEASES (I00-I09)	3	2.3	4	1.1	4	1.1
ISCHEMIC HEART DISEASES (I20-I25)	7	5.3	16	4.5	16	4.5
ACUTE MYCARDIAL INFARCTION (I21-I22)	3	2.3	6	1.7	6	1.7
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	3	2.3	4	1.1	4	1.1
OTHER HEART DISEASES (I26-I51)	5	3.8	20	5.7	20	5.7
HEART FAILURE (I50)	2	1.5	6	1.7	6	1.7
CEREBROVASCULAR DISEASES (I60-I69)	3	2.3	12	3.4	13	3.7
INFLUENZA AND PNEUMONIA (J10-J18)	2	1.5	9	2.6	7	2.0
PNEUMONIA (J12-J18)	2	1.5	9	2.6	7	2.0
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	7	5.3	21	6.0	22	6.3
EMPHYSEMA (J43)	1	0.8	1	0.3	1	0.3
CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	2	1.5	3	0.9	3	0.9
ALCOHOLIC LIVER DISEASE (K70)	2	1.5	3	0.9	3	0.9
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS (N00-N07,N17-N19,N25-N27)	2	1.5	4	1.1	4	1.1
RENAL FAILURE (N17-N19)	2	1.5	4	1.1	5	1.4
CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (P00-P96)	2	1.5	6	1.7	6	1.7
CONGENITAL MALFORMATIONS (Q00-Q99)	2	1.5	8	2.3	7	2.0
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	27	20.6	57	16.2	58	16.5
TRANSPORT ACCIDENTS (V01-V99,Y85)	11	8.4	22	6.3	22	6.3
MOTOR VEHICLE ACCIDENTS (**)	2	1.5	7	2.0	7	2.0
WATER TRANSPORT* (V90-V94)	4	3.1	4	1.1	4	1.1
AIR TRANSPORT* (V95-V97)	5	3.8	5	1.4	5	1.4
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	16	12.2	35	9.9	37	10.5
FALLS (W00-W19)	1	0.8	1	0.3	1	0.3
DISCHARGE OF FIREARMS (W32-W34)	0	0.0	2	0.6	2	0.6
DROWNING AND SUBMERSION (W65-W74)	2	1.5	10	2.8	10	2.8
SMOKE, FIRE AND FLAME (X00-X09)	1	0.8	1	0.3	1	0.3
POISONING (X40-X49)	3	2.3	7	2.0	7	2.0
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	6	4.6	35	9.9	35	9.9
BY DISCHARGE OF FIREARMS (X72-X74)	2	1.5	22	6.3	22	6.3
ASSAULT (HOMICIDE) (X85-Y09,Y87.1)	12	9.2	19	5.4	19	5.4
BY DISCHARGE OF FIREARMS (X93-X95)	9	6.9	14	4.0	14	4.0
<b>CHUGACH ALASKA CORPORATION</b>						
TOTAL DEATHS	49	100.0	177	100.0	177	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	4	8.2	6	3.4	6	3.4
SEPTICEMIA (A40-A41)	3	6.1	3	1.7	3	1.7
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	1	2.0	3	1.7	3	1.7
MALIGNANT NEOPLASMS (C00-C97)	8	16.3	41	23.2	41	23.2
ESOPHAGUS (C15)	1	2.0	4	2.3	4	2.3
COLON, RECTUM AND ANUS (C18-C21)	0	0.0	3	1.7	3	1.7
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	0	0.0	1	0.6	1	0.6
PANCREAS (C25)	1	2.0	1	0.6	1	0.6
BRONCHUS AND LUNG (C33-C34)	4	8.2	16	9.0	16	9.0
SKIN (C43)	0	0.0	1	0.6	1	0.6
BREAST (C50)	0	0.0	1	0.6	1	0.6
CERVICAL (C53)	0	0.0	1	0.6	1	0.6
OVARIAN (C56)	0	0.0	1	0.6	1	0.6
PROSTATE (C61)	1	2.0	3	1.7	3	1.7
KIDNEY AND RENAL PELVIS (C64-C65)	0	0.0	1	0.6	1	0.6
LYMPHOID AND HEMATOPOIETIC (C81-C96)	0	0.0	1	0.6	1	0.6
LEUKEMIA (C91-C95)	0	0.0	1	0.6	1	0.6
DIABETES MELLITUS (E10-E14)	2	4.1	6	3.4	6	3.4

(CONTINUED =&gt;

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 23 DETAILED CAUSES OF DEATH BY NATIVE REGIONAL CORPORATION  
ALASKA 1999 AND 1997-1999**

NATIVE REGIONAL CORPORATION CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
			<b>CHUGACH ALASKA CORPORATION (CONTINUED)</b>			
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	10	20.4	42	23.7	42	23.7
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	8	16.3	30	16.9	30	16.9
ISCHEMIC HEART DISEASES (I20-I25)	5	10.2	20	11.3	20	11.3
ACUTE MYCARDIAL INFARCTION (I21-I22)	1	2.0	5	2.8	5	2.8
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	2	4.1	6	3.4	6	3.4
OTHER HEART DISEASES (I26-I51)	3	6.1	9	5.1	9	5.1
HEART FAILURE (I50)	1	2.0	5	2.8	5	2.8
CEREBROVASCULAR DISEASES (I60-I69)	2	4.1	12	6.8	13	7.3
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	2	4.1	10	5.6	10	5.6
EMPHYSEMA (J43)	0	0.0	2	1.1	2	1.1
ASTHMA (J45-J46)	0	0.0	1	0.6	1	0.6
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	9	18.4	28	15.8	29	16.4
TRANSPORT ACCIDENTS (V01-V99,Y85)	4	8.2	12	6.8	12	6.8
MOTOR VEHICLE ACCIDENTS (**)	3	6.1	10	5.6	10	5.6
WATER TRANSPORT* (V90-V94)	1	2.0	1	0.6	1	0.6
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	5	10.2	16	9.0	17	9.6
FALLS (W00-W19)	0	0.0	3	1.7	3	1.7
DISCHARGE OF FIREARMS (W32-W34)	1	2.0	2	1.1	2	1.1
DROWNING AND SUBMERSION (W65-W74)	1	2.0	2	1.1	2	1.1
SMOKE, FIRE AND FLAME (X00-X09)	0	0.0	4	2.3	4	2.3
POISONING (X40-X49)	2	4.1	3	1.7	3	1.7
<b>COOK INLET REGIONAL CORPORATION</b>						
TOTAL DEATHS	1461	100.0	4274	100.0	4274	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	30	2.1	76	1.8	76	1.8
TUBERCULOSIS (A16-A19)	0	0.0	1	0.0	1	0.0
MENINGOCOCCAL INFECTION (A39)	1	0.1	2	0.0	2	0.0
SEPTICEMIA (A40-A41)	14	1.0	26	0.6	28	0.7
VIRAL HEPATITIS (B15-B19)	3	0.2	14	0.3	12	0.3
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	7	0.5	19	0.4	20	0.5
MALIGNANT NEOPLASMS (C00-C97)	336	23.0	1057	24.7	1064	24.9
ESOPHAGUS (C15)	7	0.5	24	0.6	24	0.6
STOMACH (C16)	10	0.7	34	0.8	34	0.8
COLON, RECTUM AND ANUS (C18-C21)	25	1.7	79	1.8	79	1.8
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	9	0.6	30	0.7	29	0.7
PANCREAS (C25)	25	1.7	57	1.3	57	1.3
BRONCHUS AND LUNG (C33-C34)	93	6.4	314	7.3	310	7.3
SKIN (C43)	5	0.3	17	0.4	17	0.4
BREAST (C50)	31	2.1	90	2.1	91	2.1
CERVICAL (C53)	3	0.2	8	0.2	8	0.2
UTERINE (C53)	1	0.1	11	0.3	11	0.3
OVARIAN (C56)	4	0.3	31	0.7	31	0.7
PROSTATE (C61)	12	0.8	41	1.0	41	1.0
KIDNEY AND RENAL PELVIS (C64-C65)	6	0.4	19	0.4	19	0.4
BLADDER (C67)	6	0.4	25	0.6	25	0.6
BRAIN (C70-C72)	14	1.0	33	0.8	32	0.7
LYMPHOID AND HEMATOPOIETIC (C81-C96)	40	2.7	110	2.6	110	2.6
HODGKIN'S DISEASE (C81)	1	0.1	3	0.1	3	0.1
NON-HODGKIN'S LYMPHOMA (C82-C85)	13	0.9	45	1.1	44	1.0
LEUKEMIA (C91-C95)	15	1.0	39	0.9	39	0.9
MULTIPLE MYELOMA (C88)	11	0.8	23	0.5	23	0.5
DIABETES MELLITUS (E10-E14)	40	2.7	128	3.0	129	3.0
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	454	31.1	1250	29.2	1250	29.2
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	344	23.5	969	22.7	963	22.5
RHEUMATIC HEART DISEASES (I00-I09)	4	0.3	16	0.4	14	0.3
HYPERTENSIVE HEART AND RENAL DISEASE (I13)	1	0.1	3	0.1	3	0.1

(CONTINUED =>

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892



**TABLE 23 DETAILED CAUSES OF DEATH BY NATIVE REGIONAL CORPORATION  
ALASKA 1999 AND 1997-1999**

NATIVE REGIONAL CORPORATION CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>COOK INLET REGIONAL CORPORATION (CONTINUED)</b>						
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51) (CONTINUED)						
ISCHEMIC HEART DISEASES (I20-I25)	238	16.3	654	15.3	654	15.3
ACUTE MYCARDIAL INFARCTION (I21-I22)	70	4.8	207	4.8	206	4.8
OTHER ACUTE ISCHEMIC HEART DISEASES (I24)	0	0.0	1	0.0	1	0.0
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	69	4.7	133	3.1	136	3.2
OTHER HEART DISEASES (I26-I51)	97	6.6	273	6.4	268	6.3
HEART FAILURE (I50)	32	2.2	78	1.8	80	1.9
CEREBROVASCULAR DISEASES (I60-I69)	110	7.5	281	6.6	291	6.8
INFLUENZA AND PNEUMONIA (J10-J18)	22	1.5	58	1.4	47	1.1
INFLUENZA (J10-J11)	2	0.1	3	0.1	3	0.1
PNEUMONIA (J12-J18)	20	1.4	55	1.3	45	1.1
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	85	5.8	202	4.7	208	4.9
EMPHYSEMA (J43)	13	0.9	24	0.6	24	0.6
ASTHMA (J45-J46)	8	0.5	13	0.3	12	0.3
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	140	9.6	383	9.0	390	9.1
TRANSPORT ACCIDENTS (V01-V99,Y85)	62	4.2	188	4.4	188	4.4
MOTOR VEHICLE ACCIDENTS (**)	48	3.3	134	3.1	132	3.1
WATER TRANSPORT* (V90-V94)	4	0.3	4	0.1	4	0.1
AIR TRANSPORT* (V95-V97)	9	0.6	9	0.2	9	0.2
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	78	5.3	195	4.6	204	4.8
FALLS (W00-W19)	5	0.3	25	0.6	22	0.5
DISCHARGE OF FIREARMS (W32-W34)	1	0.1	6	0.1	6	0.1
DROWNING AND SUBMERSION (W65-W74)	7	0.5	19	0.4	19	0.4
SMOKE, FIRE AND FLAME (X00-X09)	2	0.1	19	0.4	18	0.4
POISONING (X40-X49)	26	1.8	61	1.4	57	1.3
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	48	3.3	159	3.7	159	3.7
BY DISCHARGE OF FIREARMS (X72-X74)	29	2.0	100	2.3	100	2.3
<b>DOYON LIMITED</b>						
TOTAL DEATHS	414	100.0	1168	100.0	1168	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	6	1.4	17	1.5	17	1.5
SEPTICEMIA (A40-A41)	2	0.5	8	0.7	9	0.8
VIRAL HEPATITIS (B15-B19)	0	0.0	2	0.2	2	0.2
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	3	0.7	4	0.3	4	0.3
MALIGNANT NEOPLASMS (C00-C97)	90	21.7	251	21.5	253	21.7
ESOPHAGUS (C15)	3	0.7	7	0.6	7	0.6
STOMACH (C16)	4	1.0	13	1.1	13	1.1
COLON, RECTUM AND ANUS (C18-C21)	10	2.4	24	2.1	24	2.1
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	1	0.2	7	0.6	7	0.6
PANCREAS (C25)	6	1.4	18	1.5	18	1.5
BRONCHUS AND LUNG (C33-C34)	26	6.3	72	6.2	71	6.1
SKIN (C43)	2	0.5	3	0.3	3	0.3
BREAST (C50)	6	1.4	18	1.5	18	1.5
CERVICAL (C53)	0	0.0	2	0.2	2	0.2
OVARIAN (C56)	0	0.0	4	0.3	4	0.3
PROSTATE (C61)	1	0.2	8	0.7	8	0.7
KIDNEY AND RENAL PELVIS (C64-C65)	4	1.0	7	0.6	7	0.6
BLADDER (C67)	1	0.2	5	0.4	5	0.4
BRAIN (C70-C72)	2	0.5	7	0.6	7	0.6
LYMPHOID AND HEMATOPOIETIC (C81-C96)	5	1.2	17	1.5	17	1.5
HODGKIN'S DISEASE (C81)	1	0.2	2	0.2	2	0.2
NON-HODGKIN'S LYMPHOMA (C82-C85)	2	0.5	5	0.4	5	0.4
LEUKEMIA (C91-C95)	0	0.0	8	0.7	8	0.7
MULTIPLE MYELOMA (C88)	2	0.5	2	0.2	2	0.2
DIABETES MELLITUS (E10-E14)	11	2.7	31	2.7	31	2.7

(CONTINUED =&gt;

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 23 DETAILED CAUSES OF DEATH BY NATIVE REGIONAL CORPORATION  
ALASKA 1999 AND 1997-1999**

NATIVE REGIONAL CORPORATION CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>DOYON LIMITED (CONTINUED)</b>						
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	106	25.6	319	27.3	319	27.3
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	88	21.3	264	22.6	262	22.4
RHEUMATIC HEART DISEASES (I00-I09)	2	0.5	3	0.3	3	0.3
ISCHEMIC HEART DISEASES (I20-I25)	60	14.5	184	15.8	184	15.8
ACUTE MYCARDIAL INFARCTION (I21-I22)	24	5.8	70	6.0	70	6.0
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	17	4.1	38	3.3	39	3.3
OTHER HEART DISEASES (I26-I51)	21	5.1	70	6.0	69	5.9
HEART FAILURE (I50)	1	0.2	12	1.0	12	1.0
CEREBROVASCULAR DISEASES (I60-I69)	18	4.3	55	4.7	57	4.9
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	12	2.9	45	3.9	47	4.0
EMPHYSEMA (J43)	1	0.2	10	0.9	10	0.9
ASTHMA (J45-J46)	1	0.2	3	0.3	3	0.3
CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	11	2.7	27	2.3	28	2.4
ALCOHOLIC LIVER DISEASE (K70)	6	1.4	22	1.9	22	1.9
OTHER CHRONIC LIVER DISEASE AND CIRRHOSIS (K73-K74)	5	1.2	5	0.4	5	0.4
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	44	10.6	120	10.3	122	10.4
TRANSPORT ACCIDENTS (V01-V99,Y85)	20	4.8	55	4.7	55	4.7
MOTOR VEHICLE ACCIDENTS (**)	15	3.6	44	3.8	43	3.7
AIR TRANSPORT* (V95-V97)	5	1.2	5	0.4	5	0.4
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	24	5.8	65	5.6	68	5.8
FALLS (W00-W19)	5	1.2	7	0.6	7	0.6
DISCHARGE OF FIREARMS (W32-W34)	0	0.0	2	0.2	2	0.2
DROWNING AND SUBMERSION (W65-W74)	5	1.2	14	1.2	14	1.2
SMOKE, FIRE AND FLAME (X00-X09)	3	0.7	8	0.7	8	0.7
POISONING (X40-X49)	4	1.0	15	1.3	14	1.2
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	21	5.1	73	6.3	73	6.3
BY DISCHARGE OF FIREARMS (X72-X74)	11	2.7	43	3.7	43	3.7
<b>KONIAG INCORPORATED</b>						
TOTAL DEATHS	54	100.0	151	100.0	151	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	1	1.9	3	2.0	3	2.0
VIRAL HEPATITIS (B15-B19)	1	1.9	1	0.7	1	0.7
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE (B20-B24)	0	0.0	1	0.7	1	0.7
MALIGNANT NEOPLASMS (C00-C97)	17	31.5	37	24.5	37	24.5
STOMACH (C16)	0	0.0	1	0.7	1	0.7
COLON, RECTUM AND ANUS (C18-C21)	2	3.7	3	2.0	3	2.0
PANCREAS (C25)	1	1.9	3	2.0	3	2.0
BRONCHUS AND LUNG (C33-C34)	5	9.3	13	8.6	13	8.6
SKIN (C43)	0	0.0	1	0.7	1	0.7
BREAST (C50)	1	1.9	4	2.6	4	2.6
OVARIAN (C56)	1	1.9	1	0.7	1	0.7
PROSTATE (C61)	1	1.9	1	0.7	1	0.7
BLADDER (C67)	0	0.0	1	0.7	1	0.7
LYMPHOID AND HEMATOPOIETIC (C81-C96)	2	3.7	4	2.6	4	2.6
NON-HODGKIN'S LYMPHOMA (C82-C85)	1	1.9	2	1.3	2	1.3
LEUKEMIA (C91-C95)	1	1.9	1	0.7	1	0.7
MULTIPLE MYELOMA (C88)	0	0.0	1	0.7	1	0.7
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	14	25.9	37	24.5	37	24.5
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	8	14.8	24	15.9	24	15.9
ISCHEMIC HEART DISEASES (I20-I25)	7	13.0	20	13.2	20	13.2
ACUTE MYCARDIAL INFARCTION (I21-I22)	4	7.4	6	4.0	6	4.0
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	1	1.9	2	1.3	2	1.3
OTHER HEART DISEASES (I26-I51)	0	0.0	2	1.3	2	1.3
HEART FAILURE (I50)	0	0.0	1	0.7	1	0.7
CEREBROVASCULAR DISEASES (I60-I69)	6	11.1	13	8.6	13	8.6

(CONTINUED =>

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 23 DETAILED CAUSES OF DEATH BY NATIVE REGIONAL CORPORATION  
ALASKA 1999 AND 1997-1999**

NATIVE REGIONAL CORPORATION CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>KONIAG INCORPORATED (CONTINUED)</b>						
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	6	11.1	20	13.2	20	13.2
TRANSPORT ACCIDENTS (V01-V99,Y85)	4	7.4	14	9.3	14	9.3
MOTOR VEHICLE ACCIDENTS (**)	0	0.0	2	1.3	2	1.3
WATER TRANSPORT* (V90-V94)	4	7.4	4	2.6	4	2.6
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	2	3.7	6	4.0	6	4.0
FALLS (W00-W19)	0	0.0	1	0.7	1	0.7
DROWNING AND SUBMERSION (W65-W74)	1	1.9	1	0.7	1	0.7
POISONING (X40-X49)	1	1.9	3	2.0	3	2.0
<b>NANA REGIONAL CORPORATION</b>						
TOTAL DEATHS	37	100.0	103	100.0	103	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	3	8.1	3	2.9	3	2.9
SEPTICEMIA (A40-A41)	2	5.4	2	1.9	2	1.9
MALIGNANT NEOPLASMS (C00-C97)	4	10.8	21	20.4	21	20.4
STOMACH (C16)	0	0.0	2	1.9	2	1.9
COLON, RECTUM AND ANUS (C18-C21)	4	10.8	8	7.8	8	7.8
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	0	0.0	2	1.9	2	1.9
PANCREAS (C25)	0	0.0	2	1.9	2	1.9
BRONCHUS AND LUNG (C33-C34)	0	0.0	3	2.9	3	2.9
BREAST (C50)	0	0.0	1	1.0	1	1.0
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	7	18.9	18	17.5	18	17.5
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	5	13.5	15	14.6	15	14.6
ISCHEMIC HEART DISEASES (I20-I25)	2	5.4	7	6.8	7	6.8
ACUTE MYCARDIAL INFARCTION (I21-I22)	0	0.0	2	1.9	2	1.9
OTHER HEART DISEASES (I26-I51)	2	5.4	6	5.8	6	5.8
HEART FAILURE (I50)	0	0.0	2	1.9	2	1.9
CEREBROVASCULAR DISEASES (I60-I69)	2	5.4	3	2.9	3	2.9
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	9	24.3	16	15.5	16	15.5
TRANSPORT ACCIDENTS (V01-V99,Y85)	4	10.8	8	7.8	8	7.8
MOTOR VEHICLE ACCIDENTS (**)	4	10.8	5	4.9	5	4.9
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	5	13.5	8	7.8	8	7.8
DROWNING AND SUBMERSION (W65-W74)	4	10.8	6	5.8	6	5.8
INTENTIONAL SELF-HARM (SUICIDE) (X60-X84,Y87.0)	4	10.8	11	10.7	11	10.7
BY DISCHARGE OF FIREARMS (X72-X74)	0	0.0	1	1.0	1	1.0
<b>SEALASKA CORPORATION</b>						
TOTAL DEATHS	382	100.0	1093	100.0	1093	100.0
INFECTIOUS AND PARASITIC DISEASE* (A00-B99)	5	1.3	21	1.9	21	1.9
SEPTICEMIA (A40-A41)	2	0.5	7	0.6	8	0.7
VIRAL HEPATITIS (B15-B19)	1	0.3	4	0.4	3	0.3
MALIGNANT NEOPLASMS (C00-C97)	101	26.4	281	25.7	283	25.9
ESOPHAGUS (C15)	1	0.3	7	0.6	7	0.6
STOMACH (C16)	4	1.0	6	0.5	6	0.5
COLON, RECTUM AND ANUS (C18-C21)	12	3.1	27	2.5	27	2.5
LIVER AND INTRAHEPATIC BILE DUCTS (C22)	3	0.8	5	0.5	5	0.5
PANCREAS (C25)	5	1.3	15	1.4	15	1.4
BRONCHUS AND LUNG (C33-C34)	32	8.4	88	8.1	87	8.0
SKIN (C43)	0	0.0	3	0.3	3	0.3
BREAST (C50)	3	0.8	12	1.1	12	1.1
CERVICAL (C53)	2	0.5	2	0.2	2	0.2
UTERINE (C53)	0	0.0	2	0.2	2	0.2
OVARIAN (C56)	2	0.5	8	0.7	8	0.7
PROSTATE (C61)	4	1.0	15	1.4	15	1.4
KIDNEY AND RENAL PELVIS (C64-C65)	4	1.0	4	0.4	4	0.4
BLADDER (C67)	1	0.3	4	0.4	4	0.4
BRAIN (C70-C72)	1	0.3	9	0.8	9	0.8

(CONTINUED =&gt;

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892

**TABLE 23 DETAILED CAUSES OF DEATH BY NATIVE REGIONAL CORPORATION  
ALASKA 1999 AND 1997-1999**

NATIVE REGIONAL CORPORATION CAUSE OF DEATH (ICD-10 CODES; ICD-9 CODES LISTED IN APPENDIX C)	1999 DEATHS	97-99 %	COMPARABILITY UNMODIFIED		COMPARABILITY MODIFIED	
			97-99 DEATHS	97-99 %	97-99 DEATHS	97-99 %
<b>SEALASKA CORPORATION (CONTINUED)</b>						
MALIGNANT NEOPLASMS (C00-C97) (CONTINUED)						
LYMPHOID AND HEMATOPOIETIC (C81-C96)	10	2.6	34	3.1	34	3.1
NON-HODGKIN'S LYMPHOMA (C82-C85)	5	1.3	17	1.6	17	1.6
LEUKEMIA (C91-C95)	2	0.5	12	1.1	12	1.1
MULTIPLE MYELOMA (C88)	3	0.8	5	0.5	5	0.5
DIABETES MELLITUS (E10-E14)	11	2.9	33	3.0	33	3.0
ALZHEIMER'S DISEASE (G30)	6	1.6	8	0.7	9	0.8
MAJOR CARDIOVASCULAR DISEASES (I00-I78)	95	24.9	302	27.6	302	27.6
DISEASES OF THE HEART (I00-I09,I11,I13,I20-I51)	69	18.1	242	22.1	240	22.0
RHEUMATIC HEART DISEASES (I00-I09)	3	0.8	5	0.5	5	0.5
HYPERTENSIVE HEART AND RENAL DISEASE (I13)	0	0.0	2	0.2	2	0.2
ISCHEMIC HEART DISEASES (I20-I25)	44	11.5	157	14.4	157	14.4
ACUTE MYCARDIAL INFARCTION (I21-I22)	14	3.7	58	5.3	58	5.3
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (I25.0)	7	1.8	20	1.8	21	1.9
OTHER HEART DISEASES (I26-I51)	17	4.5	71	6.5	69	6.3
HEART FAILURE (I50)	5	1.3	21	1.9	22	2.0
CEREBROVASCULAR DISEASES (I60-I69)	26	6.8	60	5.5	62	5.7
INFLUENZA AND PNEUMONIA (J10-J18)	11	2.9	39	3.6	31	2.8
PNEUMONIA (J12-J18)	11	2.9	39	3.6	31	2.8
CHRONIC LOWER RESPIRATORY DISEASES (J40-J47)	25	6.5	55	5.0	57	5.2
EMPHYSEMA (J43)	2	0.5	6	0.5	6	0.5
ASTHMA (J45-J46)	1	0.3	9	0.8	8	0.7
CHRONIC LIVER DISEASE AND CIRRHOSIS (K70,K73-K74)	6	1.6	18	1.6	18	1.6
ALCOHOLIC LIVER DISEASE (K70)	2	0.5	11	1.0	11	1.0
OTHER CHRONIC LIVER DISEASE AND CIRRHOSIS (K73-K74)	4	1.0	7	0.6	7	0.6
UNINTENTIONAL INJURY (V01-X59,Y85-Y86)	30	7.9	90	8.2	92	8.4
TRANSPORT ACCIDENTS (V01-V99,Y85)	16	4.2	44	4.0	44	4.0
MOTOR VEHICLE ACCIDENTS (**)	8	2.1	20	1.8	20	1.8
WATER TRANSPORT* (V90-V94)	3	0.8	3	0.3	3	0.3
AIR TRANSPORT* (V95-V97)	5	1.3	5	0.5	5	0.5
NONTRANSPORT ACCIDENTS (W00-X59,Y86)	14	3.7	46	4.2	49	4.5
FALLS (W00-W19)	2	0.5	12	1.1	10	0.9
DISCHARGE OF FIREARMS (W32-W34)	0	0.0	3	0.3	3	0.3
DROWNING AND SUBMERSION (W65-W74)	3	0.8	8	0.7	8	0.7
SMOKE, FIRE AND FLAME (X00-X09)	0	0.0	1	0.1	1	0.1
POISONING (X40-X49)	1	0.3	7	0.6	6	0.5

\* Comparability ratio is not available. Comparability-modified deaths are rounded to the nearest death.

\*\*V02-V04,V090,V092,V12-V14,V190-V192,V194-V196,V20-V79,V803-V805,V810-V811,V820-V821,V83-V86,V870-V878,V880-V888,V890,V892



# ADOPTIONS



*"Picking Blueberries"*  
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## INTRODUCTION

Superior courts in Alaska granted 567 adoptions in 1999. That is a 7.2 percent increase from the 529 superior court adoptions granted during 1998. In addition, 216 cultural adoptions and 96 out of state adoptions were recorded. Not all adoptions involve children. Of the 879 total adoptions in 1999, 22 involved the adoption of adults 18 years of age and over. The total number of adoptions resulted in an adoption rate of 1.4 per 1,000 population.

In 1990, under the Indian Child Welfare Act 25 USC 1903(4), Alaska began issuing substitute birth certificates for cultural adoptions of Native children. Under the Bureau of Vital Statistics' regulations, a substitute birth certificate may be issued when a Native child is culturally adopted into a family where at least one of the adoptive parents is Native. The 216 cultural adoptions that occurred in 1999 represented a 33.3 percent increase from the 162 cultural adoptions in 1998.

The remainder of this chapter lists the number of statewide adoptions and the number of adoptions by census area (borough) and Native Regional Corporation.

TABLE 24

ADOPTIONS IN ALASKA: 1999 AND 1997-1999  
BY ADOPTEE'S RACE

	TOTAL				WHITE				NATIVE			
	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %
ADOPTIONS												
IN ALASKA	783	89.1	2173	88.8	334	82.1	949	80.8	328	96.5	875	96.7
OUTSIDE ALASKA	96	10.9	273	11.2	73	17.9	226	19.2	12	3.5	30	3.3
TOTAL	879	100.0	2446	100.0	407	100.0	1175	100.0	340	100.0	905	100.0
TYPE OF ADOPTION												
COURTS	567	43.0	1644	44.8	332	54.4	946	53.7	116	22.7	351	25.9
CULTURAL	216	16.4	529	14.4	2	0.3	3	0.2	212	41.6	524	38.6
OUT OF STATE	96	7.3	273	7.4	73	12.0	226	12.8	12	2.4	30	2.2
AGE OF ADOPTEE												
<1 YEAR	194	14.7	497	13.5	44	7.2	122	6.9	134	26.3	328	24.2
1-4 YEARS	242	18.4	661	18.0	107	17.5	280	15.9	90	17.6	233	17.2
5-9 YEARS	247	18.7	707	19.3	133	21.8	394	22.4	76	14.9	213	15.7
10-17 YEARS	174	13.2	506	13.8	110	18.0	325	18.4	37	7.3	120	8.8
18+ YEARS	22	1.7	75	2.0	13	2.1	54	3.1	3	0.6	11	0.8
ADOPTING PARENTS												
TWO PARENT	475	36.0	1244	33.9	141	23.1	361	20.5	255	50.0	650	47.9
SINGLE PARENT	98	7.4	278	7.6	21	3.4	50	2.8	55	10.8	164	12.1
STEP-PARENT	306	23.2	924	25.2	245	40.1	764	43.3	30	5.9	91	6.7

	TOTAL				BLACK				ASIAN/PI			
	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %
ADOPTIONS												
IN ALASKA	783	89.1	2173	88.8	17	77.3	64	86.5	35	92.1	74	94.9
OUTSIDE ALASKA	96	10.9	273	11.2	5	22.7	10	13.5	3	7.9	4	5.1
TOTAL	879	100.0	2446	100.0	22	100.0	74	100.0	38	100.0	78	100.0
TYPE OF ADOPTION												
COURTS	567	43.0	1644	44.8	17	51.5	64	57.7	34	59.6	73	62.4
CULTURAL	216	16.4	529	14.4	0	0.0	0	0.0	1	1.8	1	0.9
OUT OF STATE	96	7.3	273	7.4	5	15.2	10	9.0	3	5.3	4	3.4
AGE OF ADOPTEE												
<1 YEAR	194	14.7	497	13.5	2	6.1	6	5.4	5	8.8	10	8.5
1-4 YEARS	242	18.4	661	18.0	5	15.2	21	18.9	16	28.1	32	27.4
5-9 YEARS	247	18.7	707	19.3	10	30.3	29	26.1	7	12.3	20	17.1
10-17 YEARS	174	13.2	506	13.8	5	15.2	18	16.2	8	14.0	14	12.0
18+ YEARS	22	1.7	75	2.0	0	0.0	0	0.0	2	3.5	2	1.7
ADOPTING PARENTS												
TWO PARENT	475	36.0	1244	33.9	9	27.3	32	28.8	27	47.4	51	43.6
SINGLE PARENT	98	7.4	278	7.6	4	12.1	17	15.3	3	5.3	6	5.1
STEP-PARENT	306	23.2	924	25.2	9	27.3	25	22.5	8	14.0	21	17.9

**TABLE 25** **ADOPTIONS IN ALASKA: 1999 AND 1997 - 1999**  
**BY BOROUGH OR CENSUS AREA OF OCCURRENCE AND ADOPTEE'S RACE**

CENSUS AREA/BOROUGH	TOTAL				WHITE				NATIVE			
	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %
<b>ALEUTIANS EAST BOROUGH</b>												
TYPE OF ADOPTION												
COURT ADOPTION	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CULTURAL ADOPTION	1	100.0	2	100.0	0	0.0	0	0.0	1	100.0	2	100.0
TOTAL ADOPTIONS	1	100.0	2	100.0	0	0.0	0	0.0	1	100.0	2	100.0
AGE OF ADOPTEE												
<1 YEAR	1	100.0	1	50.0	0	0.0	0	0.0	1	100.0	1	50.0
1-4 YEARS	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	1	50.0
5-9 YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-17 YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	1	100.0	2	100.0	0	0.0	0	0.0	1	100.0	2	100.0
SINGLE PARENT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
STEP-PARENT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>ALEUTIANS WEST CENSUS AREA</b>												
TYPE OF ADOPTION												
COURT ADOPTION	1	100.0	1	33.3	0	0.0	0	0.0	1	100.0	1	33.3
CULTURAL ADOPTION	0	0.0	2	66.7	0	0.0	0	0.0	0	0.0	2	66.7
TOTAL ADOPTIONS	1	100.0	3	100.0	0	0.0	0	0.0	1	100.0	3	100.0
AGE OF ADOPTEE												
<1 YEAR	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
1-4 YEARS	1	100.0	2	66.7	0	0.0	0	0.0	1	100.0	2	66.7
5-9 YEARS	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	1	33.3
10-17 YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	1	100.0	2	66.7	0	0.0	0	0.0	1	100.0	2	66.7
SINGLE PARENT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
STEP-PARENT	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	1	33.3
<b>MUNICIPALITY OF ANCHORAGE</b>												
TYPE OF ADOPTION												
COURT ADOPTION	308	100.0	903	99.9	181	100.0	500	100.0	60	100.0	191	99.5
CULTURAL ADOPTION	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0	1	0.5
TOTAL ADOPTIONS	308	100.0	904	100.0	181	100.0	500	100.0	60	100.0	192	100.0
AGE OF ADOPTEE												
<1 YEAR	45	14.6	131	14.5	22	12.2	60	12.0	11	18.3	38	19.8
1-4 YEARS	99	32.1	286	31.6	55	30.4	131	26.2	23	38.3	68	35.4
5-9 YEARS	95	30.8	289	32.0	58	32.0	170	34.0	19	31.7	63	32.8
10-17 YEARS	58	18.8	173	19.1	40	22.1	123	24.6	6	10.0	20	10.4
18+ YEARS	11	3.6	25	2.8	6	3.3	16	3.2	1	1.7	3	1.6
ADOPTING PARENTS												
TWO PARENT	152	49.4	450	49.8	63	34.8	175	35.0	43	71.7	131	68.2
SINGLE PARENT	33	10.7	105	11.6	14	7.7	31	6.2	9	15.0	36	18.8
STEP-PARENT	123	39.9	349	38.6	104	57.5	294	58.8	8	13.3	25	13.0
<b>BETHEL CENSUS AREA</b>												
TYPE OF ADOPTION												
COURT ADOPTION	5	8.2	25	15.3	1	50.0	1	50.0	3	5.2	23	14.4
CULTURAL ADOPTION	56	91.8	138	84.7	1	50.0	1	50.0	55	94.8	137	85.6
TOTAL ADOPTIONS	61	100.0	163	100.0	2	100.0	2	100.0	58	100.0	160	100.0
AGE OF ADOPTEE												
<1 YEAR	38	62.3	92	56.4	0	0.0	0	0.0	38	65.5	92	57.5
1-4 YEARS	11	18.0	30	18.4	1	50.0	1	50.0	10	17.2	29	18.1
5-9 YEARS	9	14.8	26	16.0	1	50.0	1	50.0	7	12.1	24	15.0
10-17 YEARS	3	4.9	15	9.2	0	0.0	0	0.0	3	5.2	15	9.4
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	54	88.5	140	85.9	0	0.0	0	0.0	53	91.4	139	86.9
SINGLE PARENT	4	6.6	19	11.7	0	0.0	0	0.0	4	6.9	19	11.9
STEP-PARENT	3	4.9	4	2.5	2	100.0	2	100.0	1	1.7	2	1.3



**TABLE 25 ADOPTIONS IN ALASKA: 1999 AND 1997 - 1999 BY BOROUGH OR CENSUS AREA OF OCCURRENCE AND ADOPTEE'S RACE**

CENSUS AREA/BOROUGH	TOTAL				WHITE				NATIVE			
	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %
<b>BRISTOL BAY BOROUGH</b>												
TYPE OF ADOPTION												
COURT ADOPTION	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	1	50.0
CULTURAL ADOPTION	1	100.0	1	50.0	0	0.0	0	0.0	1	100.0	1	50.0
TOTAL ADOPTIONS	1	100.0	2	100.0	0	0.0	0	0.0	1	100.0	2	100.0
AGE OF ADOPTEE												
<1 YEAR	1	100.0	1	50.0	0	0.0	0	0.0	1	100.0	1	50.0
1-4 YEARS	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	1	50.0
5-9 YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-17 YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	1	100.0	2	100.0	0	0.0	0	0.0	1	100.0	2	100.0
SINGLE PARENT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
STEP-PARENT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>DILLINGHAM CENSUS AREA</b>												
TYPE OF ADOPTION												
COURT ADOPTION	1	11.1	3	13.6	0	0.0	2	66.7	1	11.1	1	5.3
CULTURAL ADOPTION	8	88.9	19	86.4	0	0.0	1	33.3	8	88.9	18	94.7
TOTAL ADOPTIONS	9	100.0	22	100.0	0	0.0	3	100.0	9	100.0	19	100.0
AGE OF ADOPTEE												
<1 YEAR	4	44.4	9	40.9	0	0.0	0	0.0	4	44.4	9	47.4
1-4 YEARS	0	0.0	4	18.2	0	0.0	2	66.7	0	0.0	2	10.5
5-9 YEARS	3	33.3	3	13.6	0	0.0	0	0.0	3	33.3	3	15.8
10-17 YEARS	2	22.2	6	27.3	0	0.0	1	33.3	2	22.2	5	26.3
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	8	88.9	16	72.7	0	0.0	1	33.3	8	88.9	15	78.9
SINGLE PARENT	1	11.1	3	13.6	0	0.0	0	0.0	1	11.1	3	15.8
STEP-PARENT	0	0.0	3	13.6	0	0.0	2	66.7	0	0.0	1	5.3
<b>FAIRBANKS NORTH STAR BOROUGH</b>												
TYPE OF ADOPTION												
COURT ADOPTION	118	100.0	308	99.7	72	100.0	215	100.0	28	100.0	44	97.8
CULTURAL ADOPTION	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	1	2.2
TOTAL ADOPTIONS	118	100.0	309	100.0	72	100.0	215	100.0	28	100.0	45	100.0
AGE OF ADOPTEE												
<1 YEAR	11	9.3	31	10.0	10	13.9	26	12.1	1	3.6	1	2.2
1-4 YEARS	38	32.2	92	29.8	17	23.6	53	24.7	14	50.0	20	44.4
5-9 YEARS	47	39.8	113	36.6	30	41.7	82	38.1	9	32.1	17	37.8
10-17 YEARS	19	16.1	58	18.8	13	18.1	40	18.6	3	10.7	6	13.3
18+ YEARS	3	2.5	15	4.9	2	2.8	14	6.5	1	3.6	1	2.2
ADOPTING PARENTS												
TWO PARENT	55	46.6	120	38.8	28	38.9	63	29.3	16	57.1	25	55.6
SINGLE PARENT	10	8.5	20	6.5	2	2.8	6	2.8	6	21.4	11	24.4
STEP-PARENT	53	44.9	169	54.7	42	58.3	146	67.9	6	21.4	9	20.0
<b>JUNEAU BOROUGH</b>												
TYPE OF ADOPTION												
COURT ADOPTION	26	96.3	80	98.8	14	100.0	48	100.0	5	83.3	13	92.9
CULTURAL ADOPTION	1	3.7	1	1.2	0	0.0	0	0.0	1	16.7	1	7.1
TOTAL ADOPTIONS	27	100.0	81	100.0	14	100.0	48	100.0	6	100.0	14	100.0
AGE OF ADOPTEE												
<1 YEAR	9	33.3	17	21.0	4	28.6	11	22.9	3	50.0	3	21.4
1-4 YEARS	7	25.9	18	22.2	4	28.6	8	16.7	0	0.0	2	14.3
5-9 YEARS	8	29.6	25	30.9	3	21.4	13	27.1	3	50.0	6	42.9
10-17 YEARS	3	11.1	17	21.0	3	21.4	12	25.0	0	0.0	3	21.4
18+ YEARS	0	0.0	4	4.9	0	0.0	4	8.3	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	16	59.3	38	46.9	6	42.9	16	33.3	5	83.3	10	71.4
SINGLE PARENT	3	11.1	8	9.9	1	7.1	1	2.1	0	0.0	2	14.3
STEP-PARENT	8	29.6	35	43.2	7	50.0	31	64.6	1	16.7	2	14.3

**TABLE 25 ADOPTIONS IN ALASKA: 1999 AND 1997 - 1999  
BY BOROUGH OR CENSUS AREA OF OCCURRENCE AND ADOPTEE'S RACE**

CENSUS AREA/BOROUGH	TOTAL				WHITE				NATIVE			
	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %
<b>KENAI PENINSULA BOROUGH</b>												
TYPE OF ADOPTION												
COURT ADOPTION	49	100.0	115	99.1	32	100.0	74	100.0	6	100.0	19	95.0
CULTURAL ADOPTION	0	0.0	1	0.9	0	0.0	0	0.0	0	0.0	1	5.0
TOTAL ADOPTIONS	49	100.0	116	100.0	32	100.0	74	100.0	6	100.0	20	100.0
AGE OF ADOPTEE												
<1 YEAR	1	2.0	5	4.3	1	3.1	3	4.1	0	0.0	1	5.0
1-4 YEARS	17	34.7	33	28.4	10	31.3	17	23.0	2	33.3	6	30.0
5-9 YEARS	15	30.6	37	31.9	12	37.5	28	37.8	0	0.0	4	20.0
10-17 YEARS	16	32.7	39	33.6	9	28.1	26	35.1	4	66.7	9	45.0
18+ YEARS	0	0.0	2	1.7	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	22	44.9	42	36.2	13	40.6	18	24.3	3	50.0	12	60.0
SINGLE PARENT	4	8.2	7	6.0	0	0.0	0	0.0	1	16.7	1	5.0
STEP-PARENT	23	46.9	67	57.8	19	59.4	56	75.7	2	33.3	7	35.0
<b>KETCHIKAN GATEWAY BOROUGH</b>												
TYPE OF ADOPTION												
COURT ADOPTION	8	100.0	45	100.0	4	100.0	21	100.0	0	0.0	14	100.0
CULTURAL ADOPTION	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL ADOPTIONS	8	100.0	45	100.0	4	100.0	21	100.0	0	0.0	14	100.0
AGE OF ADOPTEE												
<1 YEAR	0	0.0	2	4.4	0	0.0	1	4.8	0	0.0	1	7.1
1-4 YEARS	5	62.5	14	31.1	4	100.0	9	42.9	0	0.0	1	7.1
5-9 YEARS	0	0.0	16	35.6	0	0.0	7	33.3	0	0.0	6	42.9
10-17 YEARS	3	37.5	7	15.6	0	0.0	4	19.0	0	0.0	0	0.0
18+ YEARS	0	0.0	6	13.3	0	0.0	0	0.0	0	0.0	6	42.9
ADOPTING PARENTS												
TWO PARENT	3	37.5	19	42.2	2	50.0	10	47.6	0	0.0	4	28.6
SINGLE PARENT	0	0.0	2	4.4	0	0.0	0	0.0	0	0.0	1	7.1
STEP-PARENT	5	62.5	24	53.3	2	50.0	11	52.4	0	0.0	9	64.3
<b>KODIAK ISLAND BOROUGH</b>												
TYPE OF ADOPTION												
COURT ADOPTION	6	75.0	28	90.3	5	100.0	20	100.0	0	0.0	4	57.1
CULTURAL ADOPTION	2	25.0	3	9.7	0	0.0	0	0.0	2	100.0	3	42.9
TOTAL ADOPTIONS	8	100.0	31	100.0	5	100.0	20	100.0	2	100.0	7	100.0
AGE OF ADOPTEE												
<1 YEAR	0	0.0	2	6.5	0	0.0	1	5.0	0	0.0	1	14.3
1-4 YEARS	3	37.5	15	48.4	1	20.0	8	40.0	1	50.0	4	57.1
5-9 YEARS	3	37.5	10	32.3	3	60.0	8	40.0	0	0.0	1	14.3
10-17 YEARS	2	25.0	3	9.7	1	20.0	2	10.0	1	50.0	1	14.3
18+ YEARS	0	0.0	1	3.2	0	0.0	1	5.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	1	12.5	14	45.2	0	0.0	6	30.0	1	50.0	5	71.4
SINGLE PARENT	1	12.5	2	6.5	0	0.0	0	0.0	1	50.0	2	28.6
STEP-PARENT	6	75.0	15	48.4	5	100.0	14	70.0	0	0.0	0	0.0
<b>LAKE AND PENINSULA BOROUGH</b>												
TYPE OF ADOPTION												
COURT ADOPTION	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CULTURAL ADOPTION	2	100.0	7	100.0	0	0.0	0	0.0	2	100.0	7	100.0
TOTAL ADOPTIONS	2	100.0	7	100.0	0	0.0	0	0.0	2	100.0	7	100.0
AGE OF ADOPTEE												
<1 YEAR	1	50.0	2	28.6	0	0.0	0	0.0	1	50.0	2	28.6
1-4 YEARS	0	0.0	1	14.3	0	0.0	0	0.0	0	0.0	1	14.3
5-9 YEARS	1	50.0	2	28.6	0	0.0	0	0.0	1	50.0	2	28.6
10-17 YEARS	0	0.0	2	28.6	0	0.0	0	0.0	0	0.0	2	28.6
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	2	100.0	5	71.4	0	0.0	0	0.0	2	100.0	5	71.4
SINGLE PARENT	0	0.0	2	28.6	0	0.0	0	0.0	0	0.0	2	28.6
STEP-PARENT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

**TABLE 25 ADOPTIONS IN ALASKA: 1999 AND 1997 - 1999 BY BOROUGH OR CENSUS AREA OF OCCURRENCE AND ADOPTEE'S RACE**

CENSUS AREA/BOROUGH	TOTAL				WHITE				NATIVE			
	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %
<b>MATANUSKA-SUSITNA BOROUGH</b>												
TYPE OF ADOPTION												
COURT ADOPTION	15	93.8	55	98.2	11	100.0	39	100.0	1	50.0	4	80.0
CULTURAL ADOPTION	1	6.3	1	1.8	0	0.0	0	0.0	1	50.0	1	20.0
TOTAL ADOPTIONS	16	100.0	56	100.0	11	100.0	39	100.0	2	100.0	5	100.0
AGE OF ADOPTEE												
<1 YEAR	1	6.3	5	8.9	0	0.0	2	5.1	0	0.0	1	20.0
1-4 YEARS	4	25.0	15	26.8	3	27.3	11	28.2	0	0.0	1	20.0
5-9 YEARS	7	43.8	22	39.3	4	36.4	13	33.3	2	100.0	3	60.0
10-17 YEARS	4	25.0	13	23.2	4	36.4	12	30.8	0	0.0	0	0.0
18+ YEARS	0	0.0	1	1.8	0	0.0	1	2.6	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	9	56.3	21	37.5	6	54.5	9	23.1	2	100.0	5	100.0
SINGLE PARENT	0	0.0	2	3.6	0	0.0	0	0.0	0	0.0	0	0.0
STEP-PARENT	7	43.8	33	58.9	5	45.5	30	76.9	0	0.0	0	0.0
<b>NOME CENSUS AREA</b>												
TYPE OF ADOPTION												
COURT ADOPTION	6	14.6	8	8.8	3	100.0	4	100.0	2	5.4	3	3.5
CULTURAL ADOPTION	35	85.4	83	91.2	0	0.0	0	0.0	35	94.6	83	96.5
TOTAL ADOPTIONS	41	100.0	91	100.0	3	100.0	4	100.0	37	100.0	86	100.0
AGE OF ADOPTEE												
<1 YEAR	21	51.2	42	46.2	1	33.3	1	25.0	20	54.1	41	47.7
1-4 YEARS	14	34.1	23	25.3	1	33.3	1	25.0	12	32.4	21	24.4
5-9 YEARS	3	7.3	15	16.5	0	0.0	0	0.0	3	8.1	15	17.4
10-17 YEARS	2	4.9	10	11.0	0	0.0	1	25.0	2	5.4	9	10.5
18+ YEARS	1	2.4	1	1.1	1	33.3	1	25.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	31	75.6	72	79.1	2	66.7	2	50.0	28	75.7	69	80.2
SINGLE PARENT	8	19.5	13	14.3	0	0.0	0	0.0	8	21.6	13	15.1
STEP-PARENT	2	4.9	6	6.6	1	33.3	2	50.0	1	2.7	4	4.7
<b>NORTH SLOPE BOROUGH</b>												
TYPE OF ADOPTION												
COURT ADOPTION	2	11.8	13	27.1	0	0.0	0	0.0	2	12.5	12	26.1
CULTURAL ADOPTION	15	88.2	35	72.9	0	0.0	0	0.0	14	87.5	34	73.9
TOTAL ADOPTIONS	17	100.0	48	100.0	0	0.0	0	0.0	16	100.0	46	100.0
AGE OF ADOPTEE												
<1 YEAR	8	47.1	19	39.6	0	0.0	0	0.0	8	50.0	19	41.3
1-4 YEARS	5	29.4	13	27.1	0	0.0	0	0.0	5	31.3	12	26.1
5-9 YEARS	2	11.8	6	12.5	0	0.0	0	0.0	1	6.3	5	10.9
10-17 YEARS	2	11.8	10	20.8	0	0.0	0	0.0	2	12.5	10	21.7
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	15	88.2	37	77.1	0	0.0	0	0.0	14	87.5	35	76.1
SINGLE PARENT	2	11.8	7	14.6	0	0.0	0	0.0	2	12.5	7	15.2
STEP-PARENT	0	0.0	4	8.3	0	0.0	0	0.0	0	0.0	4	8.7
<b>NORTHWEST ARCTIC BOROUGH</b>												
TYPE OF ADOPTION												
COURT ADOPTION	5	14.3	16	18.0	0	0.0	1	100.0	5	14.7	14	16.3
CULTURAL ADOPTION	30	85.7	73	82.0	0	0.0	0	0.0	29	85.3	72	83.7
TOTAL ADOPTIONS	35	100.0	89	100.0	0	0.0	1	100.0	34	100.0	86	100.0
AGE OF ADOPTEE												
<1 YEAR	14	40.0	31	34.8	0	0.0	1	100.0	14	41.2	30	34.9
1-4 YEARS	6	17.1	18	20.2	0	0.0	0	0.0	6	17.6	17	19.8
5-9 YEARS	7	20.0	24	27.0	0	0.0	0	0.0	7	20.6	24	27.9
10-17 YEARS	8	22.9	16	18.0	0	0.0	0	0.0	7	20.6	15	17.4
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	28	80.0	60	67.4	0	0.0	1	100.0	28	82.4	58	67.4
SINGLE PARENT	6	17.1	22	24.7	0	0.0	0	0.0	5	14.7	21	24.4
STEP-PARENT	1	2.9	7	7.9	0	0.0	0	0.0	1	2.9	7	8.1

**TABLE 25 ADOPTIONS IN ALASKA: 1999 AND 1997 - 1999 BY BOROUGH OR CENSUS AREA OF OCCURRENCE AND ADOPTEE'S RACE**

CENSUS AREA/BOROUGH	TOTAL				WHITE				NATIVE			
	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %
<b>PRINCE OF WALES-OUTER</b>												
<b>KETCHIKAN CENSUS AREA</b>												
TYPE OF ADOPTION												
COURT ADOPTION	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CULTURAL ADOPTION	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL ADOPTIONS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
AGE OF ADOPTEE												
<1 YEAR	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
1-4 YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
5-9 YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-17 YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SINGLE PARENT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
STEP-PARENT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
<b>SITKA BOROUGH</b>												
TYPE OF ADOPTION												
COURT ADOPTION	4	57.1	16	80.0	1	100.0	5	100.0	1	25.0	3	42.9
CULTURAL ADOPTION	3	42.9	4	20.0	0	0.0	0	0.0	3	75.0	4	57.1
TOTAL ADOPTIONS	7	100.0	20	100.0	1	100.0	5	100.0	4	100.0	7	100.0
AGE OF ADOPTEE												
<1 YEAR	0	0.0	2	10.0	0	0.0	0	0.0	0	0.0	0	0.0
1-4 YEARS	3	42.9	9	45.0	0	0.0	1	20.0	2	50.0	3	42.9
5-9 YEARS	1	14.3	4	20.0	0	0.0	2	40.0	1	25.0	2	28.6
10-17 YEARS	1	14.3	3	15.0	1	100.0	2	40.0	0	0.0	1	14.3
18+ YEARS	2	28.6	2	10.0	0	0.0	0	0.0	1	25.0	1	14.3
ADOPTING PARENTS												
TWO PARENT	4	57.1	10	50.0	1	100.0	1	20.0	2	50.0	3	42.9
SINGLE PARENT	0	0.0	2	10.0	0	0.0	0	0.0	0	0.0	1	14.3
STEP-PARENT	3	42.9	8	40.0	0	0.0	4	80.0	2	50.0	3	42.9
<b>SOUTHEAST FAIRBANKS CENSUS AREA</b>												
TYPE OF ADOPTION												
COURT ADOPTION	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CULTURAL ADOPTION	2	100.0	2	100.0	1	100.0	1	100.0	1	100.0	1	100.0
TOTAL ADOPTIONS	2	100.0	2	100.0	1	100.0	1	100.0	1	100.0	1	100.0
AGE OF ADOPTEE												
<1 YEAR	1	50.0	1	50.0	0	0.0	0	0.0	1	100.0	1	100.0
1-4 YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
5-9 YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-17 YEARS	1	50.0	1	50.0	1	100.0	1	100.0	0	0.0	0	0.0
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	1	50.0	1	50.0	0	0.0	0	0.0	1	100.0	1	100.0
SINGLE PARENT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
STEP-PARENT	1	50.0	1	50.0	1	100.0	1	100.0	0	0.0	0	0.0
<b>VALDEZ-CORDOVA CENSUS AREA</b>												
TYPE OF ADOPTION												
COURT ADOPTION	10	76.9	16	76.2	6	100.0	10	100.0	0	0.0	0	0.0
CULTURAL ADOPTION	3	23.1	5	23.8	0	0.0	0	0.0	3	100.0	5	100.0
TOTAL ADOPTIONS	13	100.0	21	100.0	6	100.0	10	100.0	3	100.0	5	100.0
AGE OF ADOPTEE												
<1 YEAR	3	23.1	4	19.0	1	16.7	1	10.0	1	33.3	1	20.0
1-4 YEARS	3	23.1	7	33.3	1	16.7	3	30.0	1	33.3	2	40.0
5-9 YEARS	3	23.1	4	19.0	1	16.7	1	10.0	1	33.3	2	40.0
10-17 YEARS	4	30.8	5	23.8	3	50.0	4	40.0	0	0.0	0	0.0
18+ YEARS	0	0.0	1	4.8	0	0.0	1	10.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	4	30.8	5	23.8	1	16.7	1	10.0	2	66.7	2	40.0
SINGLE PARENT	1	7.7	3	14.3	0	0.0	0	0.0	0	0.0	1	20.0
STEP-PARENT	8	61.5	13	61.9	5	83.3	9	90.0	1	33.3	2	40.0

**TABLE 26 ADOPTIONS IN ALASKA: 1999 AND 1997 - 1999 BY NATIVE REGIONAL CORPORATION OF OCCURRENCE AND ADOPTEE'S RACE**

NATIVE REGIONAL CORPORATION	TOTAL				WHITE				NATIVE			
	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %
<b>AHTNA INCORPORATED</b>												
TYPE OF ADOPTION												
COURT ADOPTION	1	25.0	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0
CULTURAL ADOPTION	3	75.0	5	83.3	0	0.0	0	0.0	3	100.0	5	100.0
TOTAL ADOPTIONS	4	100.0	6	100.0	0	0.0	0	0.0	3	100.0	5	100.0
AGE OF ADOPTEE												
<1 YEAR	1	25.0	1	16.7	0	0.0	0	0.0	1	33.3	1	20.0
1-4 YEARS	1	25.0	2	33.3	0	0.0	0	0.0	1	33.3	2	40.0
5-9 YEARS	1	25.0	2	33.3	0	0.0	0	0.0	1	33.3	2	40.0
10-17 YEARS	1	25.0	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	2	50.0	2	33.3	0	0.0	0	0.0	2	66.7	2	40.0
SINGLE PARENT	0	0.0	1	16.7	0	0.0	0	0.0	0	0.0	1	20.0
STEP-PARENT	2	50.0	3	50.0	0	0.0	0	0.0	1	33.3	2	40.0
<b>ALEUT CORPORATION</b>												
TYPE OF ADOPTION												
COURT ADOPTION	1	50.0	1	20.0	0	0.0	0	0.0	1	50.0	1	20.0
CULTURAL ADOPTION	1	50.0	4	80.0	0	0.0	0	0.0	1	50.0	4	80.0
TOTAL ADOPTIONS	2	100.0	5	100.0	0	0.0	0	0.0	2	100.0	5	100.0
AGE OF ADOPTEE												
<1 YEAR	1	50.0	1	20.0	0	0.0	0	0.0	1	50.0	1	20.0
1-4 YEARS	1	50.0	3	60.0	0	0.0	0	0.0	1	50.0	3	60.0
5-9 YEARS	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	1	20.0
10-17 YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	2	100.0	4	80.0	0	0.0	0	0.0	2	100.0	4	80.0
SINGLE PARENT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
STEP-PARENT	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	1	20.0
<b>ARCTIC SLOPE CORPORATION</b>												
TYPE OF ADOPTION												
COURT ADOPTION	2	11.8	13	27.1	0	0.0	0	0.0	2	12.5	12	26.1
CULTURAL ADOPTION	15	88.2	35	72.9	0	0.0	0	0.0	14	87.5	34	73.9
TOTAL ADOPTIONS	17	100.0	48	100.0	0	0.0	0	0.0	16	100.0	46	100.0
AGE OF ADOPTEE												
<1 YEAR	8	47.1	19	39.6	0	0.0	0	0.0	8	50.0	19	41.3
1-4 YEARS	5	29.4	13	27.1	0	0.0	0	0.0	5	31.3	12	26.1
5-9 YEARS	2	11.8	6	12.5	0	0.0	0	0.0	1	6.3	5	10.9
10-17 YEARS	2	11.8	10	20.8	0	0.0	0	0.0	2	12.5	10	21.7
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	15	88.2	37	77.1	0	0.0	0	0.0	14	87.5	35	76.1
SINGLE PARENT	2	11.8	7	14.6	0	0.0	0	0.0	2	12.5	7	15.2
STEP-PARENT	0	0.0	4	8.3	0	0.0	0	0.0	0	0.0	4	8.7
<b>BERING STRAITS NATIVE CORPORATION</b>												
TYPE OF ADOPTION												
COURT ADOPTION	6	14.6	8	8.8	3	100.0	4	100.0	2	5.4	3	3.5
CULTURAL ADOPTION	35	85.4	83	91.2	0	0.0	0	0.0	35	94.6	83	96.5
TOTAL ADOPTIONS	41	100.0	91	100.0	3	100.0	4	100.0	37	100.0	86	100.0
AGE OF ADOPTEE												
<1 YEAR	21	51.2	42	46.2	1	33.3	1	25.0	20	54.1	41	47.7
1-4 YEARS	14	34.1	23	25.3	1	33.3	1	25.0	12	32.4	21	24.4
5-9 YEARS	3	7.3	15	16.5	0	0.0	0	0.0	3	8.1	15	17.4
10-17 YEARS	2	4.9	10	11.0	0	0.0	1	25.0	2	5.4	9	10.5
18+ YEARS	1	2.4	1	1.1	1	33.3	1	25.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	31	75.6	72	79.1	2	66.7	2	50.0	28	75.7	69	80.2
SINGLE PARENT	8	19.5	13	14.3	0	0.0	0	0.0	8	21.6	13	15.1
STEP-PARENT	2	4.9	6	6.6	1	33.3	2	50.0	1	2.7	4	4.7

**TABLE 26 ADOPTIONS IN ALASKA: 1999 AND 1997 - 1999 BY NATIVE REGIONAL CORPORATION OF OCCURRENCE AND ADOPTEE'S RACE**

NATIVE REGIONAL CORPORATION	TOTAL				WHITE				NATIVE			
	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %
<b>BRISTOL BAY NATIVE CORPORATION</b>												
TYPE OF ADOPTION												
COURT ADOPTION	1	8.3	4	12.9	0	0.0	2	66.7	1	8.3	2	7.1
CULTURAL ADOPTION	11	91.7	27	87.1	0	0.0	1	33.3	11	91.7	26	92.9
TOTAL ADOPTIONS	12	100.0	31	100.0	0	0.0	3	100.0	12	100.0	28	100.0
AGE OF ADOPTEE												
<1 YEAR	6	50.0	12	38.7	0	0.0	0	0.0	6	50.0	12	42.9
1-4 YEARS	0	0.0	6	19.4	0	0.0	2	66.7	0	0.0	4	14.3
5-9 YEARS	4	33.3	5	16.1	0	0.0	0	0.0	4	33.3	5	17.9
10-17 YEARS	2	16.7	8	25.8	0	0.0	1	33.3	2	16.7	7	25.0
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	11	91.7	23	74.2	0	0.0	1	33.3	11	91.7	22	78.6
SINGLE PARENT	1	8.3	5	16.1	0	0.0	0	0.0	1	8.3	5	17.9
STEP-PARENT	0	0.0	3	9.7	0	0.0	2	66.7	0	0.0	1	3.6
<b>CALISTA CORPORATION</b>												
TYPE OF ADOPTION												
COURT ADOPTION	5	4.5	25	8.5	1	50.0	1	50.0	3	2.8	23	7.9
CULTURAL ADOPTION	106	95.5	268	91.5	1	50.0	1	50.0	105	97.2	267	92.1
TOTAL ADOPTIONS	111	100.0	293	100.0	2	100.0	2	100.0	108	100.0	290	100.0
AGE OF ADOPTEE												
<1 YEAR	64	57.7	165	56.3	0	0.0	0	0.0	64	59.3	165	56.9
1-4 YEARS	22	19.8	62	21.2	1	50.0	1	50.0	21	19.4	61	21.0
5-9 YEARS	19	17.1	41	14.0	1	50.0	1	50.0	17	15.7	39	13.4
10-17 YEARS	6	5.4	25	8.5	0	0.0	0	0.0	6	5.6	25	8.6
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	89	80.2	234	79.9	0	0.0	0	0.0	88	81.5	233	80.3
SINGLE PARENT	15	13.5	51	17.4	0	0.0	0	0.0	15	13.9	51	17.6
STEP-PARENT	7	6.3	8	2.7	2	100.0	2	100.0	5	4.6	6	2.1
<b>CHUGACH ALASKA CORPORATION</b>												
TYPE OF ADOPTION												
COURT ADOPTION	9	100.0	16	100.0	6	100.0	11	100.0	0	0.0	0	0.0
CULTURAL ADOPTION	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL ADOPTIONS	9	100.0	16	100.0	6	100.0	11	100.0	0	0.0	0	0.0
AGE OF ADOPTEE												
<1 YEAR	2	22.2	3	18.8	1	16.7	1	9.1	0	0.0	0	0.0
1-4 YEARS	2	22.2	5	31.3	1	16.7	3	27.3	0	0.0	0	0.0
5-9 YEARS	2	22.2	2	12.5	1	16.7	1	9.1	0	0.0	0	0.0
10-17 YEARS	3	33.3	5	31.3	3	50.0	5	45.5	0	0.0	0	0.0
18+ YEARS	0	0.0	1	6.3	0	0.0	1	9.1	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	2	22.2	3	18.8	1	16.7	1	9.1	0	0.0	0	0.0
SINGLE PARENT	1	11.1	2	12.5	0	0.0	0	0.0	0	0.0	0	0.0
STEP-PARENT	6	66.7	11	68.8	5	83.3	10	90.9	0	0.0	0	0.0
<b>COOK INLET REGIONAL CORPORATION</b>												
TYPE OF ADOPTION												
COURT ADOPTION	372	99.7	1072	99.7	224	100.0	612	100.0	67	98.5	214	98.6
CULTURAL ADOPTION	1	0.3	3	0.3	0	0.0	0	0.0	1	1.5	3	1.4
TOTAL ADOPTIONS	373	100.0	1075	100.0	224	100.0	612	100.0	68	100.0	217	100.0
AGE OF ADOPTEE												
<1 YEAR	47	12.6	141	13.1	23	10.3	65	10.6	11	16.2	40	18.4
1-4 YEARS	120	32.2	334	31.1	68	30.4	159	26.0	25	36.8	75	34.6
5-9 YEARS	117	31.4	348	32.4	74	33.0	211	34.5	21	30.9	70	32.3
10-17 YEARS	78	20.9	224	20.8	53	23.7	160	26.1	10	14.7	29	13.4
18+ YEARS	11	2.9	28	2.6	6	2.7	17	2.8	1	1.5	3	1.4
ADOPTING PARENTS												
TWO PARENT	183	49.1	513	47.7	82	36.6	202	33.0	48	70.6	148	68.2
SINGLE PARENT	37	9.9	114	10.6	14	6.3	31	5.1	10	14.7	37	17.1
STEP-PARENT	153	41.0	448	41.7	128	57.1	379	61.9	10	14.7	32	14.7

TABLE 26

ADOPTIONS IN ALASKA: 1999 AND 1997 - 1999  
BY NATIVE REGIONAL CORPORATION OF OCCURRENCE AND ADOPTEE'S RACE

NATIVE REGIONAL CORPORATION	TOTAL				WHITE				NATIVE			
	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %	1999 NUMBER	1999 %	97-99 NUMBER	97-99 %
<b>DOYON LIMITED</b>												
TYPE OF ADOPTION												
COURT ADOPTION	118	94.4	308	93.3	72	98.6	215	99.5	28	82.4	44	67.7
CULTURAL ADOPTION	7	5.6	22	6.7	1	1.4	1	0.5	6	17.6	21	32.3
TOTAL ADOPTIONS	125	100.0	330	100.0	73	100.0	216	100.0	34	100.0	65	100.0
AGE OF ADOPTEE												
<1 YEAR	14	11.2	40	12.1	10	13.7	26	12.0	4	11.8	10	15.4
1-4 YEARS	39	31.2	95	28.8	17	23.3	53	24.5	15	44.1	23	35.4
5-9 YEARS	49	39.2	118	35.8	30	41.1	82	38.0	11	32.4	22	33.8
10-17 YEARS	20	16.0	62	18.8	14	19.2	41	19.0	3	8.8	9	13.8
18+ YEARS	3	2.4	15	4.5	2	2.7	14	6.5	1	2.9	1	1.5
ADOPTING PARENTS												
TWO PARENT	58	46.4	131	39.7	28	38.4	63	29.2	19	55.9	36	55.4
SINGLE PARENT	10	8.0	23	7.0	2	2.7	6	2.8	6	17.6	14	21.5
STEP-PARENT	57	45.6	176	53.3	43	58.9	147	68.1	9	26.5	15	23.1
<b>KONIAG INCORPORATED</b>												
TYPE OF ADOPTION												
COURT ADOPTION	6	75.0	28	90.3	5	100.0	20	100.0	0	0.0	4	57.1
CULTURAL ADOPTION	2	25.0	3	9.7	0	0.0	0	0.0	2	100.0	3	42.9
TOTAL ADOPTIONS	8	100.0	31	100.0	5	100.0	20	100.0	2	100.0	7	100.0
AGE OF ADOPTEE												
<1 YEAR	0	0.0	2	6.5	0	0.0	1	5.0	0	0.0	1	14.3
1-4 YEARS	3	37.5	15	48.4	1	20.0	8	40.0	1	50.0	4	57.1
5-9 YEARS	3	37.5	10	32.3	3	60.0	8	40.0	0	0.0	1	14.3
10-17 YEARS	2	25.0	3	9.7	1	20.0	2	10.0	1	50.0	1	14.3
18+ YEARS	0	0.0	1	3.2	0	0.0	1	5.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	1	12.5	14	45.2	0	0.0	6	30.0	1	50.0	5	71.4
SINGLE PARENT	1	12.5	2	6.5	0	0.0	0	0.0	1	50.0	2	28.6
STEP-PARENT	6	75.0	15	48.4	5	100.0	14	70.0	0	0.0	0	0.0
<b>NANA REGIONAL CORPORATION</b>												
TYPE OF ADOPTION												
COURT ADOPTION	5	14.3	16	18.0	0	0.0	1	100.0	5	14.7	14	16.3
CULTURAL ADOPTION	30	85.7	73	82.0	0	0.0	0	0.0	29	85.3	72	83.7
TOTAL ADOPTIONS	35	100.0	89	100.0	0	0.0	1	100.0	34	100.0	86	100.0
AGE OF ADOPTEE												
<1 YEAR	14	40.0	31	34.8	0	0.0	1	100.0	14	41.2	30	34.9
1-4 YEARS	6	17.1	18	20.2	0	0.0	0	0.0	6	17.6	17	19.8
5-9 YEARS	7	20.0	24	27.0	0	0.0	0	0.0	7	20.6	24	27.9
10-17 YEARS	8	22.9	16	18.0	0	0.0	0	0.0	7	20.6	15	17.4
18+ YEARS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ADOPTING PARENTS												
TWO PARENT	28	80.0	60	67.4	0	0.0	1	100.0	28	82.4	58	67.4
SINGLE PARENT	6	17.1	22	24.7	0	0.0	0	0.0	5	14.7	21	24.4
STEP-PARENT	1	2.9	7	7.9	0	0.0	0	0.0	1	2.9	7	8.1
<b>SEALASKA CORPORATION</b>												
TYPE OF ADOPTION												
COURT ADOPTION	41	89.1	152	96.2	21	100.0	80	100.0	7	58.3	34	85.0
CULTURAL ADOPTION	5	10.9	6	3.8	0	0.0	0	0.0	5	41.7	6	15.0
TOTAL ADOPTIONS	46	100.0	158	100.0	21	100.0	80	100.0	12	100.0	40	100.0
AGE OF ADOPTEE												
<1 YEAR	9	19.6	22	13.9	4	19.0	13	16.3	3	25.0	4	10.0
1-4 YEARS	17	37.0	45	28.5	10	47.6	21	26.3	2	16.7	6	15.0
5-9 YEARS	11	23.9	50	31.6	3	14.3	24	30.0	6	50.0	17	42.5
10-17 YEARS	7	15.2	29	18.4	4	19.0	18	22.5	0	0.0	6	15.0
18+ YEARS	2	4.3	12	7.6	0	0.0	4	5.0	1	8.3	7	17.5
ADOPTING PARENTS												
TWO PARENT	24	52.2	73	46.2	9	42.9	28	35.0	8	66.7	21	52.5
SINGLE PARENT	4	8.7	14	8.9	1	4.8	2	2.5	1	8.3	5	12.5
STEP-PARENT	18	39.1	71	44.9	11	52.4	50	62.5	3	25.0	14	35.0

# MARRIAGES & DIVORCES



*"Tenakee Wedding"*  
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## MARRIAGES

There were 5,474 marriages performed in Alaska in 1999, involving 4,860 Alaska resident brides and 4,845 Alaska resident grooms. This is an increase of 7.1 percent from the 5,110 marriages that occurred in 1998. The crude marriage rate in 1999 was 8.8 marriages per 1,000 residents, up from 8.3 marriages per 1,000 in 1998.

Crude marriage rates (the number of marriages occurring in a census area or borough per 1,000 residents) varies widely in Alaska. For instance, the lowest rate of 1.7 marriages per 1,000 residents was in the Lake and Peninsula census area. The highest rate of 11.9 marriages per 1,000 residents was in the Juneau Borough. Locations

that are popular tourist destinations (such as Juneau) may have higher marriage rates because they are also popular places to get married.

There were 449 marriages in which neither the bride nor the groom was a resident of Alaska, an increase from the 422 nonresident marriages in 1998. The Juneau Borough had the largest number of nonresident marriages in 1999 with 126, which accounted for 35 percent of all marriages occurring in Juneau. The Municipality of Anchorage had the second greatest number of nonresident marriages with 118.



# DIVORCES

There are three administrative methods for terminating a marriage in Alaska: divorce, dissolution, and annulment.

**Divorce** is an adversarial process in which the terms of the decree are decided by the courts based upon evidence, testimony, and in accordance with Alaska statutes. These terms include disposition of property, living arrangements, and custody and support for any minor children involved. In 1999, there were 1,079 divorces granted in Alaska. This represents a 1.1 percent decrease from the 1,091 divorces granted in 1998.

A **dissolution** of marriage is a cooperative agreement between the husband and wife in which both parties agree to the terms for distribution of property, living arrangements, and support and custody of minor children. The agreement is reviewed by the court, which can amend it if it determines the terms are not equitable.

In 1999, there were 2,026 dissolutions of marriage in Alaska. This is a 8.7 percent decrease from the 2,218 dissolutions reported in 1998.

An **annulment** is a judicial pronouncement declaring a marriage never existed. In 1999, there were 4 annulments granted in Alaska, which is 5 less than reported in 1998.

There were 44 instances in which the type of decree was not specified. When not otherwise stated, the term divorce refers to all methods collectively.

In 1999, the total of 3,153 divorces, dissolutions, and annulments resulted in a crude divorce rate of 5.1 divorces per 1,000 population, compared with 5.4 in 1998.

**TABLE 27 MARRIAGES AND DIVORCES IN ALASKA: 1999 AND 1997-1999**

MARRIAGES/DIVORCES	TOTAL OCCURRENCES				TOTAL RESIDENTS (MALE)				TOTAL RESIDENTS (FEMALE)			
	1999 NUMBER	1999 RATE	97-99 NUMBER	97-99 RATE	1999 NUMBER	1999 RATE	97-99 NUMBER	97-99 RATE	1999 NUMBER	1999 RATE	97-99 NUMBER	97-99 RATE
MARRIAGES	5474	8.8	15874	8.6	4845	15.0	13	0.0	4860	16.3	14127	15.9
DIVORCES	3153	5.1	9677	5.2	2623	8.1	8065	8.4	2673	9.0	8321	9.4
TYPE OF DECREE												
DISSOLUTION	2026	3.3	6360	3.4	1665	5.1	5253	5.5	1739	5.8	5484	6.2
DIVORCE	1079	1.7	3237	1.8	916	2.8	2749	2.9	900	3.0	2778	3.1
ANNULMENT	4	0.0	22	0.0	4	0.0	16	0.0	2	0.0	14	0.0

**TABLE 28 MARRIAGES AND DIVORCES IN ALASKA: 1999 AND 1997-1999  
BY CENSUS AREA OR BOROUGH**

CENSUS AREA/BOROUGH	TOTAL OCCURRENCES				TOTAL RESIDENTS (MALE)				TOTAL RESIDENTS (FEMALE)			
	1999 NUMBER	1999 RATE	97-99 NUMBER	97-99 RATE	1999 NUMBER	1999 RATE	97-99 NUMBER	97-99 RATE	1999 NUMBER	1999 RATE	97-99 NUMBER	97-99 RATE
<b>ALEUTIANS EAST BOROUGH</b>												
MARRIAGES	6	2.8	13	2.0	6	5.1	13	3.6	8	8.3	15	5.1
DIVORCES					7	5.9	13	3.6	7	7.2	13	4.4
TYPE OF DECREE												
DISSOLUTION					5	4.2	7	2.0	4	4.1	8	2.7
DIVORCE					2	1.7	6	1.7	3	3.1	5	1.7
<b>ALEUTIANS WEST CENSUS AREA</b>												
MARRIAGES	13	2.5	65	4.1	17	5.4	69	7.2	15	7.0	66	10.3
DIVORCES					12	3.8	49	5.1	7	3.3	36	5.6
TYPE OF DECREE												
DISSOLUTION					8	2.6	36	3.8	4	1.9	27	4.2
DIVORCE					3	1.0	12	1.3	2	0.9	8	1.2
ANNULMENT					1	0.3	1	0.1	1	0.5	1	0.2
<b>MUNICIPALITY OF ANCHORAGE</b>												
MARRIAGES	2217	8.5	6596	8.6	2057	15.5	6119	15.5	2076	16.4	6211	16.5
DIVORCES					1215	9.1	3718	9.4	1268	10.0	3973	10.6
TYPE OF DECREE												
DISSOLUTION					751	5.6	2441	6.2	803	6.4	2619	7.0
DIVORCE					450	3.4	1255	3.2	453	3.6	1334	3.6
<b>BETHEL CENSUS AREA</b>												
MARRIAGES	110	6.8	279	5.8	107	12.7	278	11.2	110	14.2	286	12.5
DIVORCES					18	2.1	42	1.7	10	1.3	30	1.3
TYPE OF DECREE												
DISSOLUTION					12	1.4	23	0.9	4	0.5	14	0.6
DIVORCE					6	0.7	19	0.8	4	0.5	14	0.6
<b>BRISTOL BAY BOROUGH</b>												
MARRIAGES	13	10.3	30	7.9	14	20.9	27	13.4	11	18.7	23	12.9
DIVORCES					5	7.5	15	7.4	6	10.2	12	6.7
TYPE OF DECREE												
DISSOLUTION					4	6.0	9	4.5	4	6.8	5	2.8
DIVORCE					1	1.5	6	3.0	2	3.4	7	3.9
<b>DENALI BOROUGH</b>												
MARRIAGES	19	10.2	66	11.7	20	19.0	53	16.8	21	25.7	48	19.4
DIVORCES					8	7.6	28	8.9	5	6.1	20	8.1
TYPE OF DECREE												
DISSOLUTION					4	3.8	14	4.4	4	4.9	8	3.2
DIVORCE					4	3.8	14	4.4	1	1.2	12	4.9
<b>DILLINGHAM CENSUS AREA</b>												
MARRIAGES	31	6.6	99	7.1	33	13.4	100	13.7	32	14.1	101	15.2
DIVORCES					13	5.3	32	4.4	10	4.4	29	4.4
TYPE OF DECREE												
DISSOLUTION					4	1.6	14	1.9	2	0.9	14	2.1
DIVORCE					9	3.7	18	2.5	8	3.5	15	2.3
<b>FAIRBANKS NORTH STAR BOROUGH</b>												
MARRIAGES	817	9.8	2329	9.4	776	17.6	2153	16.4	757	19.1	2111	17.9
DIVORCES					420	9.5	1324	10.1	424	10.7	1353	11.5
TYPE OF DECREE												
DISSOLUTION					271	6.1	850	6.5	286	7.2	894	7.6
DIVORCE					143	3.2	464	3.5	135	3.4	449	3.8
<b>HAINES BOROUGH</b>												
MARRIAGES	24	9.7	60	8.2	16	12.5	46	12.1	18	15.1	49	13.9
DIVORCES					8	6.2	31	8.1	15	12.6	34	9.6
TYPE OF DECREE												
DISSOLUTION					7	5.5	22	5.8	12	10.1	26	7.4
DIVORCE					1	0.8	9	2.4	2	1.7	7	2.0

(CONTINUED => )

RATES ARE PER 1,000 RESIDENTS.  
TOTAL DIVORCE OCCURRENCES BY CENSUS AREA OR BOROUGH ARE NOT AVAILABLE.

**TABLE 28 MARRIAGES AND DIVORCES IN ALASKA: 1999 AND 1997-1999  
BY CENSUS AREA OR BOROUGH**

CENSUS AREA/BOROUGH	TOTAL OCCURRENCES				TOTAL RESIDENTS (MALE)				TOTAL RESIDENTS (FEMALE)			
	1999 NUMBER	1999 RATE	97-99 NUMBER	97-99 RATE	1999 NUMBER	1999 RATE	97-99 NUMBER	97-99 RATE	1999 NUMBER	1999 RATE	97-99 NUMBER	97-99 RATE
<b>JUNEAU BOROUGH</b>												
MARRIAGES	360	11.9	1020	11.3	231	15.0	687	15.0	233	15.8	687	15.6
DIVORCES					95	6.2	359	7.8	102	6.9	363	8.2
TYPE OF DECREE												
DISSOLUTION					63	4.1	254	5.5	70	4.7	254	5.8
DIVORCE					28	1.8	97	2.1	27	1.8	99	2.2
<b>KENAI PENINSULA BOROUGH</b>												
MARRIAGES	513	10.5	1446	10.0	389	15.2	1141	15.1	400	17.1	1137	16.4
DIVORCES					213	8.3	588	7.8	215	9.2	599	8.6
TYPE OF DECREE												
DISSOLUTION					145	5.7	408	5.4	158	6.7	435	6.3
DIVORCE					63	2.5	175	2.3	53	2.3	159	2.3
<b>KETCHIKAN GATEWAY BOROUGH</b>												
MARRIAGES	152	10.9	468	11.0	122	16.8	363	16.4	121	18.0	364	17.7
DIVORCES					68	9.4	219	9.9	78	11.6	231	11.3
TYPE OF DECREE												
DISSOLUTION					41	5.7	124	5.6	48	7.1	131	6.4
DIVORCE					27	3.7	93	4.2	30	4.5	99	4.8
ANNULMENT					27	3.7	1	0.0	30	4.5	1	0.0
<b>KODIAK ISLAND BOROUGH</b>												
MARRIAGES	103	7.4	330	8.0	86	11.3	303	13.5	88	13.7	297	15.7
DIVORCES					56	7.4	207	9.3	48	7.5	198	10.4
TYPE OF DECREE												
DISSOLUTION					39	5.1	134	6.0	32	5.0	131	6.9
DIVORCE					17	2.2	73	3.3	16	2.5	67	3.5
<b>LAKE AND PENINSULA BOROUGH</b>												
MARRIAGES	3	1.7	9	1.7	8	8.4	18	6.2	8	9.5	17	6.7
DIVORCES					5	5.3	16	5.5	2	2.4	8	3.1
TYPE OF DECREE												
DISSOLUTION					3	3.2	6	2.1	1	1.2	3	1.2
DIVORCE					2	2.1	9	3.1	1	1.2	4	1.6
<b>MATANUSKA-SUSITNA BOROUGH</b>												
MARRIAGES	526	9.4	1454	9.0	456	15.7	1258	14.9	462	17.3	1270	16.4
DIVORCES					244	8.4	705	8.4	236	8.9	708	9.1
TYPE OF DECREE												
DISSOLUTION					157	5.4	449	5.3	155	5.8	453	5.8
DIVORCE					85	2.9	254	3.0	80	3.0	253	3.3
ANNULMENT					2	0.1	2	0.0	1	0.0	2	0.0
<b>NOME CENSUS AREA</b>												
MARRIAGES	65	7.0	165	5.9	61	12.4	158	10.8	61	13.8	158	12.1
DIVORCES					19	3.9	47	3.2	17	3.9	50	3.8
TYPE OF DECREE												
DISSOLUTION					14	2.9	31	2.1	11	2.5	30	2.3
DIVORCE					5	1.0	16	1.1	6	1.4	20	1.5
<b>NORTH SLOPE BOROUGH</b>												
MARRIAGES	37	5.0	95	4.3	43	11.0	109	9.5	43	12.2	112	10.8
DIVORCES					16	4.1	47	4.1	11	3.1	34	3.3
TYPE OF DECREE												
DISSOLUTION					3	0.8	18	1.6	5	1.4	15	1.4
DIVORCE					13	3.3	29	2.5	6	1.7	19	1.8
<b>NORTHWEST ARCTIC BOROUGH</b>												
MARRIAGES	33	4.8	106	5.2	38	10.7	112	10.6	39	11.7	114	11.6
DIVORCES					4	1.1	15	1.4	6	1.8	17	1.7
TYPE OF DECREE												
DISSOLUTION					1	0.3	7	0.7	3	0.9	10	1.0
DIVORCE					3	0.8	8	0.8	3	0.9	7	0.7

(CONTINUED =>)

RATES ARE PER 1,000 RESIDENTS.  
TOTAL DIVORCE OCCURRENCES BY CENSUS AREA OR BOROUGH ARE NOT AVAILABLE.

**TABLE 28 MARRIAGES AND DIVORCES IN ALASKA: 1999 AND 1997-1999  
BY CENSUS AREA OR BOROUGH**

CENSUS AREA/BOROUGH	TOTAL OCCURRENCES				TOTAL RESIDENTS (MALE)				TOTAL RESIDENTS (FEMALE)			
	1999 NUMBER	1999 RATE	97-99 NUMBER	97-99 RATE	1999 NUMBER	1999 RATE	97-99 NUMBER	97-99 RATE	1999 NUMBER	1999 RATE	97-99 NUMBER	97-99 RATE
<b>PRINCE OF WALES-OUTER KETCHIKAN CENSUS AREA</b>												
MARRIAGES	43	6.5	126	6.2	40	11.1	130	11.7	39	13.1	127	13.9
DIVORCES					33	9.2	78	7.0	29	9.7	80	8.7
TYPE OF DECREE												
DISSOLUTION					22	6.1	47	4.2	17	5.7	48	5.2
DIVORCE					10	2.8	30	2.7	12	4.0	32	3.5
<b>SITKA BOROUGH</b>												
MARRIAGES	82	9.4	232	8.9	60	13.5	176	13.2	61	14.4	182	14.3
DIVORCES					26	5.9	90	6.7	29	6.8	110	8.6
TYPE OF DECREE												
DISSOLUTION					18	4.1	67	5.0	20	4.7	82	6.4
DIVORCE					7	1.6	22	1.6	9	2.1	28	2.2
ANNULMENT					1	0.2	1	0.1	9	2.1	28	2.2
<b>SKAGWAY-HOONAH-ANGOON CENSUS AREA</b>												
MARRIAGES	39	11.0	116	10.7	26	13.6	77	13.2	25	15.4	72	14.4
DIVORCES					11	5.7	31	5.3	10	6.2	25	5.0
TYPE OF DECREE												
DISSOLUTION					9	4.7	20	3.4	8	4.9	19	3.8
DIVORCE					2	1.0	11	1.9	2	1.2	6	1.2
<b>SOUTHEAST FAIRBANKS CENSUS AREA</b>												
MARRIAGES	55	8.8	150	7.9	49	14.9	131	13.2	48	16.0	133	14.8
DIVORCES					30	9.1	79	8.0	29	9.7	78	8.7
TYPE OF DECREE												
DISSOLUTION					22	6.7	58	5.8	23	7.7	61	6.8
DIVORCE					8	2.4	20	2.0	6	2.0	17	1.9
ANNULMENT					8	2.4	1	0.1	6	2.0	17	1.9
<b>VALDEZ-CORDOVA CENSUS AREA</b>												
MARRIAGES	95	9.2	261	8.4	70	12.6	210	12.7	68	14.2	203	14.1
DIVORCES					41	7.4	140	8.4	43	9.0	135	9.4
TYPE OF DECREE												
DISSOLUTION					29	5.2	102	6.1	29	6.0	94	6.5
DIVORCE					8	1.4	34	2.0	12	2.5	39	2.7
<b>WADE HAMPTON CENSUS AREA</b>												
MARRIAGES	25	3.5	96	4.6	31	8.4	109	10.0	31	9.1	105	10.4
DIVORCES					4	1.1	11	1.0	4	1.2	7	0.7
TYPE OF DECREE												
DISSOLUTION					3	0.8	7	0.6	2	0.6	5	0.5
DIVORCE					1	0.3	4	0.4	2	0.6	2	0.2
<b>WRANGELL-PETERSBURG CENSUS AREA</b>												
MARRIAGES	49	6.9	146	6.8	52	13.7	138	12.1	49	14.7	140	13.9
DIVORCES					26	6.9	81	7.1	30	9.0	84	8.3
TYPE OF DECREE												
DISSOLUTION					14	3.7	45	4.0	17	5.1	55	5.5
DIVORCE					9	2.4	32	2.8	11	3.3	26	2.6
<b>YAKUTAT BOROUGH</b>												
MARRIAGES	7	9.6	14	6.0	3	7.4	10	7.6	4	12.5	9	8.9
DIVORCES					2	4.9	8	6.1	3	9.3	10	9.8
TYPE OF DECREE												
DISSOLUTION					1	2.5	5	3.8	2	6.2	6	5.9
<b>YUKON-KOYUKUK CENSUS AREA</b>												
MARRIAGES	37	5.8	102	5.3	32	9.2	94	9.0	32	11.1	90	10.3
DIVORCES					13	3.7	38	3.6	12	4.1	37	4.3
TYPE OF DECREE												
DISSOLUTION					7	2.0	22	2.1	8	2.8	20	2.3
DIVORCE					6	1.7	16	1.5	4	1.4	17	2.0

RATES ARE PER 1,000 RESIDENTS.  
TOTAL DIVORCE OCCURRENCES BY CENSUS AREA OR BOROUGH ARE NOT AVAILABLE.

**TABLE 29 MARRIAGES AND DIVORCES IN ALASKA: 1999 AND 1997-1999  
BY NATIVE REGIONAL CORPORATION**

NATIVE REGIONAL CORPORATION	TOTAL OCCURRENCES		TOTAL RESIDENTS (MALE)		TOTAL RESIDENTS (FEMALE)	
	1999 NUMBER	97-99 NUMBER	1999 NUMBER	97-99 NUMBER	1999 NUMBER	97-99 NUMBER
<b>AHTNA INCORPORATED</b>						
MARRIAGES	40	92	31	74	26	70
DIVORCES			14	36	15	40
TYPE OF DECREE						
DISSOLUTION			11	23	12	25
DIVORCE			2	12	3	15
<b>ALEUT CORPORATION</b>						
MARRIAGES	19	78	23	82	23	81
DIVORCES			19	62	14	49
TYPE OF DECREE						
DISSOLUTION			13	43	8	35
DIVORCE			5	18	5	13
ANNULMENT			1	1	1	1
<b>ARCTIC SLOPE CORPORATION</b>						
MARRIAGES	37	95	43	109	43	112
DIVORCES			16	47	11	34
TYPE OF DECREE						
DISSOLUTION			3	18	5	15
DIVORCE			13	29	6	19
<b>BERING STRAITS NATIVE CORPORATION</b>						
MARRIAGES	65	165	61	158	61	158
DIVORCES			19	47	17	50
TYPE OF DECREE						
DISSOLUTION			14	31	11	30
DIVORCE			5	16	6	20
<b>BRISTOL BAY NATIVE CORPORATION</b>						
MARRIAGES	47	138	54	144	50	139
DIVORCES			23	63	18	49
TYPE OF DECREE						
DISSOLUTION			11	29	7	22
DIVORCE			12	33	11	26
<b>CALISTA CORPORATION</b>						
MARRIAGES	135	375	138	387	141	391
DIVORCES			22	53	14	37
TYPE OF DECREE						
DISSOLUTION			15	30	6	19
DIVORCE			7	23	6	16
<b>CHUGACH ALASKA CORPORATION</b>						
MARRIAGES	135	352	92	250	93	241
DIVORCES			47	170	48	156
TYPE OF DECREE						
DISSOLUTION			33	122	33	113
DIVORCE			11	45	13	41
<b>COOK INLET REGIONAL CORPORATION</b>						
MARRIAGES	3178	9319	2852	8413	2888	8517
DIVORCES			1653	4948	1699	5222
TYPE OF DECREE						
DISSOLUTION			1039	3256	1100	3463
DIVORCE			593	1663	582	1732
ANNULMENT			2	8	1	7
<b>DOYON LIMITED</b>						
MARRIAGES	926	2641	875	2423	858	2377
DIVORCES			470	1466	470	1485
TYPE OF DECREE						
DISSOLUTION			303	943	321	983
DIVORCE			161	512	146	492

(CONTINUED => )

POPULATION ESTIMATES BY NATIVE REGIONAL CORPORATION ARE NOT AVAILABLE.  
TOTAL DIVORCE OCCURRENCES BY NATIVE REGIONAL CORPORATION ARE NOT AVAILABLE.

**TABLE 29 MARRIAGES AND DIVORCES IN ALASKA: 1999 AND 1997-1999  
BY NATIVE REGIONAL CORPORATION**

NATIVE REGIONAL CORPORATION	TOTAL OCCURRENCES		TOTAL RESIDENTS (MALE)		TOTAL RESIDENTS (FEMALE)	
	1999 NUMBER	97-99 NUMBER	1999 NUMBER	97-99 NUMBER	1999 NUMBER	97-99 NUMBER
<b>KONIAG INCORPORATED</b>						
MARRIAGES	103	330	86	303	88	297
DIVORCES			56	207	48	198
TYPE OF DECREE						
DISSOLUTION			39	134	32	131
DIVORCE			17	73	16	67
<b>NANA REGIONAL CORPORATION</b>						
MARRIAGES	33	106	38	112	39	114
DIVORCES			4	15	6	17
TYPE OF DECREE						
DISSOLUTION			1	7	3	10
DIVORCE			3	8	3	7
<b>SEALASKA CORPORATION</b>						
MARRIAGES	756	2182	550	1627	550	1630
DIVORCES			269	897	296	937
TYPE OF DECREE						
DISSOLUTION			175	584	194	621
DIVORCE			84	296	93	300

POPULATION ESTIMATES BY NATIVE REGIONAL CORPORATION ARE NOT AVAILABLE.  
TOTAL DIVORCE OCCURRENCES BY NATIVE REGIONAL CORPORATION ARE NOT AVAILABLE.



# APPENDIX A: DEFINITION OF TERMS

**Age-Adjusted Death Rate.** A summary of age-specific death rates standardized to one age distribution (such as the 2000 standard population). This summary allows comparisons to be made between populations with different age distributions. (See Appendix B for specific instructions on calculating age-adjusted rates.)

**Age-Specific Birth Rate.** The number of live births for a specific age group divided by the population for the same specific age group, multiplied by a constant of proportionality (usually 1,000).

**Age-Specific Death Rate.** The number of deaths for a specific age group divided by the population for the same specific age group, multiplied by a constant of proportionality (usually 100,000).

**Birth Cohort Infant Mortality Rate.** The birth cohort method of calculating the infant mortality tracks all infants born within a calendar year throughout their first year of life. When calculating 1999 birth cohort rate, all infants who were born during 1999 and died prior to their first birthday, whether in 1999 or in 2000 are included in the numerator. The denominator includes all live births in 2000.

**Birth Weight.** Weight of the infant when born, usually reported in grams.

**Cause of Death.** The cause of death reported is the underlying cause of death and is based on information contained on the death certificate, defined by the World Health Organization's International Classification of Diseases - Tenth Revision as the disease or injury which initiated the train of morbid events leading directly to death, or the circumstances of the accident or violence which produced the fatal injury. (See appendix C for specific categories.)

**Cause-Specific Death Rate.** The number of deaths due to a specific cause of death divided by the estimated total population, multiplied by a constant of proportionality (usually 100,000).

**Constant of Proportionality.** A number (often 1,000 or 100,000) which is used for calculating a rate so that comparisons are possible and more understandable. (It is easier to compare 21.7 to 21.3 than it is to compare 0.0217 to 0.0213.)

**Crude Birth Rate.** The number of live births divided by the estimated population, multiplied by a constant of proportionality (usually 1,000).

**Crude Death Rate.** The number of deaths divided by the estimated population, multiplied by a constant of proportionality (usually 100,000).

**Crude Divorce Rate.** The number of divorces of all types (divorces, dissolutions, and annulments) divided by the estimated population, multiplied by a constant of proportionality (usually 1,000).

**Crude Marriage Rate.** The number of marriages divided by the estimated population, multiplied by a constant of proportionality (usually 1,000).



**Death Cohort Infant Mortality Rate.** The death cohort method is determined by dividing the number of infant deaths by the number of live births in a calendar year. For example, to calculate the death cohort infant mortality rate for 1999, divide the number of infant deaths that occurred in 1999 by the number of live births that occurred during 1999, and multiply the result by a constant of proportionality (usually 1,000). By using the death cohort infant mortality method, some infant deaths will be counted in 1999 when the infant was actually born in 1998. Other deaths to infants born in 1999 who died before their first birthday in 2000 will not be counted. Since the death cohort method of calculating infant mortality does not reflect the number of infant deaths experienced by infants born in a given year, the birth cohort is the preferred calculation method.

**Expectation of Life.** Expectation of life (life expectancy) is the number of years infants born in a specific year can expect to live if they experience the same age-specific death rate experienced during their birth year. (See Appendix B for an explanation of calculating life expectancy.)

**Fertility Rate.** The total number of live births divided by the number of women in the estimated population between ages 15 and 44, multiplied by a constant of proportionality (usually 1,000).

**Gestation.** The period beginning with the first day of the last normal menstrual period and ending with the day of birth. Births occurring between 37 and 41 weeks gestational age are considered full-term.

**ICD-10.** International Classification of Diseases - Tenth Revision. The official classification system which codifies all diseases and injuries. ICD-10 was first introduced in 1999. All deaths between 1979 and 1998 were coded using ICD-9. Prior to 1979, ICD-8 was used to code all deaths. (Refer to Appendix C)

**Infant Deaths.** Infants who died before their first birthday.

**Infant Mortality Rate (IMR).** The number of infant deaths divided by the number of live births, multiplied by a constant of proportionality (usually 1,000). The IMR can be calculated using either the birth cohort or the death cohort method. The infant mortality rate is the same as the sum of the neonatal infant mortality rate and the post-neonatal infant mortality rate.

**Life Expectancy.** See Expectation of Life.

**Live Birth.** A birth where the baby exhibits signs of life after delivery. These signs include breathing, beating of the heart, pulsation of the umbilical cord and movement of voluntary muscles.

**Location of Occurrence.** The place or location where a vital event occurred.

**Location of Residence.** Most tables report Alaska resident information and are based upon or are categorized by place of residence. The location of actual residence; i.e., census area or Native regional corporation, is not necessarily the same as a person's "legal residence". The location of residence during a tour of military duty or while attending college is considered actual residence.

**Low Birth Weight.** An infant born weighing less than 2,500 grams. Also see Very Low Birth Weight.

**Low Birth Weight Percentage.** The number of infants born weighing less than 2,500 grams divided by the number of live births, multiplied by 100.

**Native.** Includes Alaska Natives, Native mixed, Aleuts, Eskimos, Canadian Eskimos and Indians, and American Indians.

**Natural Increase.** Population change that results when the number of births exceed the number of deaths. Natural increase does not include population changes as a result of migration in and out of Alaska.

**Neonatal Infant Mortality Rate.** The number of deaths to infants less than 28 days of age divided by the number of live births, multiplied by a constant of proportionality (usually 1,000). The sum of the neonatal infant mortality rate and the post-neonatal mortality rate is the infant mortality rate.

**Race of Child.** The first reported race of mother is the race of the child. Prior to 1989, races of both parents were taken into consideration when determining the race of the child using a look-up table. Beginning in 1989, the National Centers for Health Statistics (NCHS) recommended that all states adopt the same standard for determining the race of the child at birth. (See Appendix E for more detailed information.)

**Race/Sex-Specific Death Rate.** The number of deaths for a specific race and sex group, divided by the population for the same specific race and sex group, multiplied by a constant of proportionality (usually 100,000).

**Race-Specific Death Rate.** The number of deaths for a specific racial group divided by the population for the same specific racial group, multiplied by a constant of proportionality (usually 100,000).

**Ratio.** A ratio is a comparative statistic calculated by dividing the number of events experienced by one group by the number of events experienced by a comparable group, i.e., males to females.

**Residence.** See Location of Residence

**Sex-Specific Death Rate.** The number of deaths for a specific sex (male or female) divided by the population for the same sex, multiplied by a constant of proportionality (usually 100,000).

**Standard Population.** The 2000 standard population is used in this publication for age-adjusted rates. (See Table A.1)

TABLE A.1

AGE	POPULATION	WEIGHT
Under 1 year	13,818	.013818
1-4 years	55,317	.055317
5-14 years	145,565	.145565
15-24 years	138,646	.138646
25-34 years	135,573	.135573
35-44 years	162,613	.162613
45-54 years	134,834	.134834
55-64 years	87,247	.087247
65-74 years	66,037	.066037
75-84 years	44,842	.044842
85 & over	15,508	.015508
TOTAL	1,000,000	1.000000

**Teen Birth Rate.** The number of births to females ages 15-19 divided by the estimated population of females ages 15-19, multiplied by a constant of proportionality (usually 1,000).

**Underlying Cause of Death.** The disease or injury which initiated the sequence of events that led to death.

**Very Low Birth Weight.** Infants born weighing less than 1,500 grams.

**Years of Life Lost.** For all deaths occurring before age 65, the difference between 65 (assumed productive life span) and the age at death; sometimes referred to as "years of productive life lost". (See Appendix B for calculation of years of life lost.)

# APPENDIX B: TECHNICAL NOTES

## HOW TO USE VITAL STATISTICS

### VITAL EVENTS

Vital events are registered with the Bureau of Vital Statistics and include live births, fetal deaths (after at least 20 weeks gestation), adoptions, marriages, divorces, and deaths. Information on each of these events is provided on standard forms (see Appendix G).

### RELIABILITY OF THE DATA

Reliability of information may vary depending on the data collection method. For instance, some information on birth and death certificates is collected and provided by health facilities or medical professionals (birth weight, complications of labor and delivery, cause of death, etc.), while other information is self-reported or reported by relatives (smoking during pregnancy, marital status of deceased, etc.). The Bureau of Vital Statistics makes every effort to complete, verify, and correct information which is missing, invalid, or inconsistent. Ultimately, the reliability of the data depends on everyone who is involved in data collection, storage and retrieval: Bureau staff, medical professionals, magistrates, funeral directors, marriage commissioners, judges, and each individual involved in, or witness to, a vital event.

### COUNTING NUMBERS OF EVENTS

The most basic data available is the number of events. In any analysis, the most pertinent information must be determined and the limitations of that information must be identified. For instance, if you wanted to predict public school kindergarten enrollment, the most pertinent vital event data would be the number of live births in the period which qualifies children for enrollment. You would want to count only resident births for the geographic area of the appropriate schools. You would also want to consider limitations of this data, such as effects of infant and preschool mortality (this information can be obtained from death data), in-migration and out-migration, and alternatives to public school enrollment.

### COMPARING DIFFERENT POPULATIONS

Comparing the number of events in two separate locations may not be meaningful. We can guess that Anchorage will have more births than Juneau because Anchorage has a larger population. A more meaningful question is, what is the number of births compared to the size of the population? To make this comparison, we calculate a rate or a ratio by dividing the number of events by the population for which that event could have occurred. For instance, if there were 4,200 births in Anchorage and a population of 280,000 people, then the ratio of births to population would be  $4200/280000$  or 0.015 births for every person living in Anchorage. If there were 500 births in Juneau and a population of 30,000 then the ratio of births to population in Juneau would be  $500/30000$  or 0.016666 births for every person living in Juneau.

Since small decimal numbers are awkward to interpret, we change the ratio to a rate by multiplying it by a constant of proportionality. This constant of proportionality can be any number, as long as the same number is used in calculating every rate. To calculate birth rates, we usually use a constant of proportionality of 1,000. Using this method, the birth rate for Anchorage would be  $0.015 \times 1,000$  or 15 births per 1,000 population. The birth rate for Juneau would be  $0.016666 \times 1,000$  or 16.666 births per 1,000 population. This number is usually rounded to the nearest tenth (16.7). We can see that while there are fewer births in Juneau in this example, the rate per 1,000 population is greater.

The birth rates described in the last paragraph are crude birth rates because they compare events to the total population. A more meaningful comparison would use only the female population of childbearing ages (15-44 years of age). Let's assume that the number of women ages 15-44 in Anchorage is 60,000 and in Juneau is 7,300. The Anchorage fertility rate would be  $(4200/60000)*1000$  or 70.0 births for every 1,000 women of childbearing age. The Juneau fertility rate would be  $(500/7300)*1000$  or 68.5 births for every 1,000 women of childbearing age. While Anchorage would have a lower crude birth rate than Juneau in this example, the Anchorage fertility rate would be higher than for Juneau. This is because the ratio of women of childbearing age to the total population in Anchorage ( $60000/280000$  or .2143) is lower than in Juneau ( $7300/30000$  or .2433).

Please note that all of the numbers in the foregoing examples are hypothetical for purposes of illustration.

### CONSTANT OF PROPORTIONALITY

In calculating crude birth rates and fertility rates, we used a constant of proportionality of 1,000. Vital statistics may be reported with different constants of proportionality. Readers should familiarize themselves with how rates are calculated so that validity is maintained when comparing rates. Unless rates are calculated with the same constant of proportionality, comparisons will lead to incorrect conclusions. For instance, in this report we calculate death rates per 100,000 population. For example, if the National Center of Health Statistics (NCHS) reported deaths per 1,000 population, you would have to convert the NCHS rates to 100,000 population for a valid comparison.

### SMALL POPULATIONS & FEW EVENTS

Data based upon small populations and few events require particular care in data analysis. In Alaska, variability is expected when looking at small groups within the population. Precautions are taken to avoid drawing false conclusions from random or unusual events. Two methods are used in this report to provide greater reliability: moving averages and confidence intervals. (For an explanation of each method, see "Vital Statistics Formulas" in Appendix B.

## VITAL STATISTICS FORMULAS

### AGE-ADJUSTED RATES

Age-adjusted rates are calculated so comparisons can be made between populations that have different age distributions. For example, a population with a high proportion of young people, generally will have a lower crude death rate than a population with a high percentage of elderly persons. Age-adjusted rates are more appropriate than crude rates when comparing health indicators for populations that have different age distributions. The age-adjusted rates in this report were calculated using the standard population based on the decennial U.S. Census of 2000. (See the Standard Population in Appendix A)

$$\text{Age-Adjusted Death Rate} = \sum m_a (P_a / p)$$

where:  $\sum$  is sum

$m_a$  is the age-specific death rate

$P_a$  is the standard population for the age group

$p$  is the total standard population

### CONFIDENCE INTERVALS

In this report, confidence intervals are used to provide a range within which the true rate will fall with a probability of 95 percent. The size of the range is determined by the number of occurrences, the base population, and the standard error.

Using teen birth rate by census area as an example:

3-year births to teens ages 15-19 in 1995-1997 = 3,326 ( $b$ )

3-year annual female teen population in 1995-1997 = 63,687 ( $p$ )

Annual teen birth rate per 1,000 female teens =  $(3,326/63,687) * 1,000 = 52.2$  ( $R$ )

$$\text{Standard error} = R / \sqrt{b} \quad \text{ci} = R \pm 1.96(R / \sqrt{b}) \quad \text{ci} = 52.2 \pm 1.96(52.2 / \sqrt{3,326}) \text{ or ci} = 50.4 - 54.0$$

We can say, then, that there is a 95 percent probability that the interval from 50.4 to 54.0 contains the true teen birth rate for the state of Alaska for the period 1995-1997.

EXPECTATION OF LIFE

Expectation of life is the number of years infants born in a specific year can expect to live if they experience the same age-specific death rates experienced during their birth year. Table B.1 illustrates the calculation of life expectancy for all Alaskans based on data from a five year period.

TABLE B.1 EXPECTATION OF LIFE FOR ALL ALASKANS, 1995-1999

COLUMN IDENTIFICATION AND DESCRIPTION										
	A	B	C	D	E	F	G	H	I	J
AGE AT DEATH	DEATHS	POPULATION	RATIO	PROPORTION DYING IN AGE AGROUP	PROPORTION LIVING IN AGE AGROUP	NUMBER LIVING AT BEGINNING OF AGE GROUP	NUMBER DYING IN AGE GROUP	NUMBER LIVING IN AGE GROUP	CUMULATIVE POPULATION	YEARS LEFT AT BEGINNING OF AGE GROUP
<1	349	50,438	0.00692	0.00690	0.99310	100,000	690	99,414	7,492,637	74.9
1-4	104	211,601	0.00049	0.00196	0.99804	99,310	195	396,754	7,393,223	74.4
5-9	67	283,260	0.00024	0.00118	0.99882	99,115	117	495,284	6,996,469	70.6
10-14	80	271,446	0.00029	0.00147	0.99853	98,998	146	494,627	6,501,184	65.7
15-19	254	229,314	0.00111	0.00552	0.99448	98,853	546	492,898	6,006,557	60.8
20-24	270	168,282	0.00160	0.00799	0.99201	98,307	785	489,569	5,513,659	56.1
25-29	308	206,029	0.00149	0.00745	0.99255	97,521	726	485,790	5,024,090	51.5
30-34	399	258,730	0.00154	0.00768	0.99232	96,795	743	482,116	4,538,301	46.9
35-39	533	301,898	0.00177	0.00879	0.99121	96,051	844	478,146	4,056,185	42.2
40-44	650	298,097	0.00218	0.01084	0.98916	95,207	1,032	473,455	3,578,039	37.6
45-49	759	251,694	0.00302	0.01497	0.98503	94,175	1,409	467,351	3,104,584	33.0
50-54	750	175,315	0.00428	0.02116	0.97884	92,765	1,963	458,919	2,637,233	28.4
55-59	856	115,495	0.00741	0.03638	0.96362	90,802	3,304	445,752	2,178,314	24.0
60-64	974	77,439	0.01258	0.06097	0.93903	87,499	5,335	424,155	1,732,562	19.8
65-69	1,201	58,497	0.02053	0.09764	0.90236	82,164	8,023	390,761	1,308,406	15.9
70-74	1,434	44,323	0.03235	0.14966	0.85034	74,141	11,096	342,964	917,645	12.4
75-79	1,350	29,016	0.04653	0.20839	0.79161	63,045	13,138	282,379	574,681	9.1
80-84	1,202	15,284	0.07864	0.32861	0.67139	49,907	16,400	208,534	292,301	5.9
85+	1,526	9,372	0.16283	0.57860	0.42140	33,507	33,507	83,767	83,767	2.5

- Column A: total deaths during five years.
- Column B: sum of population for each of the five years.
- Column C: ratio. A/B
- Column D: proportion dying in the age group. For less than 1 year: (2\*C)/(2+C); for 1-4 years: (2\*4\*C)/(2+4\*(1.25\*C)); all others: (2\*5\*C)/(2+5\*C)
- Column E: proportion living in age group. 1-D
- Column F: number living at beginning of age. For less than 1 year: 100,000; all others: E\*F (both from next younger age group)
- Column G: number dying in the age group. F(this age group)-F(next older age group)
- Column H: number living in the age group. For less than 1 year: F-(.85\*G); for 1-4 years: 4\*F-(2.5\*G); all others: (5\*F)-(2.5\*G)
- Column I: cumulative population. Sum of H for this and all older age groups
- Column J: years left at beginning of age. I/F

## MOVING AVERAGES

Calculations of 3-year, 5-year, and 10-year moving averages are performed when single-year rates are not reliable. When calculations are based on small numbers, moving averages can help to smooth out rates which vary widely from one year to another.

In Alaska, single-year infant mortality rates are seldom good indicators for the state of health within populations because rates can fluctuate dramatically from year to year. In Alaska, 132 infants died during 1988 and 108 infants died during 1989. The single-year infant mortality rates during 1988 and 1989 were 11.7 and 9.3, respectively. The 3-year moving average IMR (using 1986, 1987, and 1988 data) was 11.0 and (using 1987, 1988, and 1989) 10.4 infant deaths per 1,000 live births.

## YEARS OF LIFE LOST

Years of Life Lost (YLL), or Years of Productive Life Lost, is the difference between the standardized age of 65 and the age of a decedent who dies before age 65. For purposes of calculation, deaths are assumed to occur at the midpoint of a five-year age interval; i.e. a 41-year-old decedent is assumed to be 42.5 years or halfway between 40 and 45. A person dying at age 41 would be said to have 22.5 years of life lost (65-42.5). Years of Life Lost emphasizes mortality in younger populations and is used in this report to measure the impact of specific causes of death. For a specific decedent group, Years of Life Lost is calculated as follows:

$$YLL = \sum 65 - mp$$

Where: YLL is Years of Life Lost

$\sum$  Is sum of all decedents' years of productive life lost

65 represents years of productive life

*mp* is the mid-point of the decedent's 5-year age group





# APPENDIX C: MORTALITY

## COMPARISON BETWEEN ICD-9 AND ICD-10

Mortality statistics are compiled under guidelines of the World Health Organization (WHO). The procedures for coding and classifying mortality statistics are known collectively as the International Classification of Diseases (ICD). The ICD provides guidelines for coding death certificates, gives the disease (injury/poisoning) categories, the procedures for selecting the underlying cause of death, and provides definitions such as 'live birth', 'maternal death', or 'underlying cause of death'. The ICD also provides the tabulation lists for classifying mortality and the format of the medical certificate of death. Periodically the ICD is revised to allow for advances in medicine and changes in diagnostic terminology. The last revision was in 1979, when the ninth revision (ICD-9) replaced the eighth revision (ICD-8). Beginning with 1999 mortality statistics, causes of death will be classified using the tenth revision of this classification (ICD-10).

The ICD structure comprises cause of death categories that are identified by codes. The ninth revision of the ICD had more than 4000 categories and used all numeric codes (001-999) to identify the categories. ICD-10 has approximately twice the clinical detail of ICD-9, with more than 8000 categories identified by alphanumeric codes (A00-Z99). Both revisions provide for greater detail with a decimal numeric subdivision at the four-character level. Tabulation lists, which provide the cause-of-death groupings to present mortality statistics, have also changed. In ICD-9, 72 selected causes of death were used to rank the leading causes of death. This list has been expanded to 113 causes in ICD-10. Sixty-one selected causes were used to rank infant mortality statistics in ICD-9; this list has been expanded to 130 selected causes in ICD-10.

ICD-10 also has more chapters than ICD-9. Diseases of the nervous system and sense organs was split into three chapters in ICD-10: diseases of the nervous system, diseases of the eye and adnexa, and diseases of the ear and mastoid process. Other chapters have been rearranged; in ICD-10 diseases of the immune system are now included with diseases of the blood and blood-forming organs. They were included in the chapter endocrine, nutritional, and metabolic diseases in ICD-9. External causes of injury and poisoning (E codes) and factors influencing health status and contact with health services (V codes) were supplementary chapters in ICD-9; in ICD-10 they are part of the core classification. Additionally, some cause-of-death titles have changed (e.g. Suicide, ICD-9; Intentional self-harm, ICD-10) and some titles have shifted from one section to another. Arguably the change that will have the biggest impact on mortality statistics is the change in cause-of-death coding rules.

Cause-of-death coding rules determine how the underlying cause of death is assigned from the medical information on the death certificate. Changes in these coding rules can produce serious breaks in cause-of-death trends. For example, in 1979 the eleventh leading cause of death (Nephritis, nephritic syndrome, and nephrosis) had a rate that was 70% higher than the rate in 1978. The underlying cause of death in 1978 was assigned using ICD-8 coding rules, while mortality statistics in 1979 were coded using ICD-9 rules. Almost all of this increase was due to changes in the coding rules. In this example, the ICD-9 coding rules had a much greater assignment of deaths to this particular cause. Of course, an increase in assignments to one or more causes of death must come at the expense of assignments of death to other causes.

To help measure the impact of changing cause-of-death coding rules, comparability ratios are used. Comparability ratios are calculated by double coding all deaths in a particular year. That is, each death in a given year is assigned a cause of death using both ICD-9 coding rules and ICD-10 coding rules. The comparability ratio is calculated by counting the number of deaths for a selected cause in the new revision (ICD-10) and dividing by the number of deaths for the selected cause in the old revision (ICD-9). The National Center for Health Statistics (NCHS) used the national 1996 death file to derive the comparability ratios.

A comparability ratio that is equal to 1.0 shows that either revision will produce the same number of deaths. It does not, however, suggest that the cause of death was unaffected by the revision change. It is possible that any changes to the assignment of death could have balanced out, leaving the same number of deaths. For example, an increase in assignment of deaths could be counterbalanced by a narrower cause of death title (i.e. fewer cause of death codes).

A comparability ratio that is greater than 1.0 usually suggests an increase in the assignments of death under ICD-10 or that the cause-of-death title is broader under ICD-10. Conversely, a comparability ratio less than 1.0 usually suggests a decrease in the assignments of death under ICD-10 or the cause of death title is narrower under ICD-10.

Leading causes of death are based on the 113 selected causes-of-death list developed by the National Center for Health Statistics (NCHS). This list replaces the 72 selected causes-of-death list used in ICD-9. Since comparability ratios are used to measure the impact of changing coding rules, it is important to remove the effects of changing tabulation lists. For that reason, the ICD-9 codes used for some causes of death in this report differ from the codes used in the ICD-9 tabulation list. For example, accidents and adverse effects (E800-E949) was a cause-of-death category in the ICD-9 tabulation list. In the ICD-10 tabulation list, however, adverse effects are listed separately from accidents. For that reason, adverse effects (E870-E879, E930-E949) are not included in the ICD-9 codes for unintentional injury (accidents) in this report. For the same reasons, ICD-9 code 435 is not included in the cause-of-death category Cerebrovascular diseases.

#### AGE-ADJUSTED RATES

The crude death rate is commonly used to measure mortality. However, the age composition of the population can greatly influence the crude death rate. For example, since most deaths occur over 70 years of age, a population that is aging will naturally see an increase in the crude death rate. Therefore, using the crude death rate to measure trends can be misleading if the age distribution of the population has changed over time. To help overcome this and other limitations of the crude death rate, age adjustment is used in mortality statistics. Age adjustment needs a standard age distribution, usually called a standard population. In the past, the most frequently used standard in the United States was based on the 1940 U.S. population. Beginning with 1999 mortality statistics, however, the U.S. and the Bureau of Vital Statistics will begin using the year 2000 standard population for age adjustment. **One impact of changing the standard population is that comparisons with previously published age-adjusted death rates will be meaningless, since age-adjusted death rates using different standard populations are not directly comparable.** Generally, the year 2000 standard will give age-adjusted death rates that are much higher than those based on the 1940 standard.

With all the changes to how mortality statistics are calculated in 1999, it may take several years before new trends can be discerned. Caution should be taken when interpreting the results of this report. More information on the impacts of changing ICD revisions can be found at:

<http://www.cdc.gov/nchs/about/major/dvs/icd10des.htm>

TABLE C.1 ICD CAUSE OF DEATH CODES

CAUSE OF DEATH	ICD-10 CODES	ICD-9 CODES
INFECTIOUS AND PARASITIC DISEASE	A00-B99	001-139
TUBERCULOSIS	A16-A19	101-018
MENINGOCOCCAL INFECTION	A39	036
SEPTICEMIA	A40-A41	038
VIRAL HEPATITIS	B15-B19	070
HUMAN IMMUNODEFICIENCY VIRUS (HIV) DISEASE	B20-B24	042-044
MALIGNANT NEOPLASMS	C00-C97	140-208
ESOPHAGUS	C15	150
STOMACH	C16	151
COLON, RECTUM AND ANUS	C18-C21	153-154
LIVER AND INTRAHEPATIC BILE DUCTS	C22	155
PANCREAS	C25	157
BRONCHUS AND LUNG	C33-C34	162
SKIN	C43	172
BREAST	C50	174-175
CERVICAL	C53	180
UTERINE	C53	179,182
OVARIAN	C56	183.0
PROSTATE	C61	185
KIDNEY AND RENAL PELVIS	C64-C65	189.0, 189.1
BLADDER	C67	188
BRAIN	C70-C72	191-192
LYMPHOID AND HEMATOPOIETIC	C81-C96	201
HODGKIN'S DISEASE	C81	201
NON-HODGKIN'S LYMPHOMA	C82-C85	200,202
LEUKEMIA	C91-C95	204-208
MULTIPLE MYELOMA	C88	203
BENIGN AND UNCERTAIN NEOPLASMS	D00-D48	210-239
DIABETES MELLITUS	E10-E14	250
PARKINSON'S DISEASE	G20-G21	332
ALZHEIMER'S DISEASE	G30	331.0
MAJOR CARDIOVASCULAR DISEASES	I00-I78	390-434, 436-448
DISEASES OF THE HEART	I00-I09, I11, I13, I20-I51	390-398, 402, 404, 410-429
RHEUMATIC HEART DISEASES	I00-I09	390-398
HYPERTENSIVE HEART AND RENAL DISEASE	I13	404
ISCHEMIC HEART DISEASES	I20-I25	410-414, 429.2
ACUTE MYCARDIAL INFARCTION	I21-I22	410
OTHER ACUTE ISCHEMIC HEART DISEASES	I24	411
ATHEROSCLEROTIC CARDIOVASCULAR DISEASE	I25.0	429.2
OTHER HEART DISEASES	I26-I51	415-429.1, 429.3-429.9
HEART FAILURE	I50	428
CEREBROVASCULAR DISEASES	I60-I69	430-434, 436-438
INFLUENZA AND PNEUMONIA	J10-J18	480-487
INFLUENZA	J10-J11	487
PNEUMONIA	J12-J18	480-486
CHRONIC LOWER RESPIRATORY DISEASES	J40-J47	490-494, 496
EMPHYSEMA	J43	492
ASTHMA	J45-J46	493
CHRONIC LIVER DISEASE AND CIRRHOSIS	K70, K73-K74	571
ALCOHOLIC LIVER DISEASE	K70	571.0-571.3
OTHER CHRONIC LIVER DISEASE AND CIRRHOSIS	K73-K74	571.4-571.9
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS	N00-N07, N17-N19, N25-N27	580-589
RENAL FAILURE	N17-N19	584-586
CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	P00-P96	760-771.2, 771.4-779
CONGENITAL MALFORMATIONS	Q00-Q99	740-759

(CONTINUED =&gt; )

TABLE C.1 ICD CAUSE OF DEATH CODES

CAUSE OF DEATH	ICD-10 CODES	ICD-9 CODES
UNINTENTIONAL INJURY	V01 - X59, Y85 - Y86	E800 - E869, E880 - E929
TRANSPORT ACCIDENTS	V01 - V99, Y85	E800 - E848, E929.0, E929.1
MOTOR VEHICLE ACCIDENTS	V02 - V04, V090, V092, V12 - V14, V190 - V192, V194 - V196, V20 - V79, V803 - V805, V810 - V811, V820 - V821, V83 - V86, V870 - V878, V880 - V888, V890, V892	E810 - E825
WATER TRANSPORT	V90 - V94	E830 - E838
AIR TRANSPORT	V95 - V97	E840 - E845
NONTRANSPORT ACCIDENTS	W00 - X59, Y86	E850 - E869, E880 - E928, E929.2 - E929.9
FALLS	W00 - W19	E880 - E888
DISCHARGE OF FIREARMS	W32 - W34	E922
DROWNING AND SUBMERSION	W65 - W74	E910
SMOKE, FIRE AND FLAME	X00 - X09	E890 - E899
POISONING	X40 - X49	E850 - E869, E924.1
INTENTIONAL SELF-HARM (SUICIDE)	X60 - X84, Y87.0	E950 - E959
BY DISCHARGE OF FIREARMS	X72 - X74	E955.0 - E955.4
ASSAULT (HOMICIDE)	X85 - Y09, Y87.1	E960 - E969
BY DISCHARGE OF FIREARMS	X93 - X95	E965.0 - E965.4

TABLE C.2 ESTIMATED COMPARABILITY RATIOS FOR 113 SELECTED CAUSES OF DEATH

List number	Cause of death <sup>1</sup>	Number of deaths allocated according to		Estimated comparability ratio	Standard error	Relative standard error	95 percent confidence limits	
		ICD-10 <sup>2</sup>	ICD-9 <sup>2</sup>				Lower	Upper
001	Salmonella infections . . . . .	30	37	0.8108	0.0644	7.9	0.6846	0.9370
002	Shigellosis and amebiasis . . . . .	*	*	*	*	*	*	*
003	Certain other intestinal infections . . . . .	*	*	*	*	*	*	*
004	Tuberculosis . . . . .	653	764	0.8547	0.0172	2	0.8209	0.8885
005	Respiratory tuberculosis . . . . .	518	572	0.9056	0.0201	2.2	0.8662	0.9450
006	Other tuberculosis . . . . .	135	192	0.7031	0.0407	5.8	0.6233	0.7830
007	Whooping cough . . . . .	*	*	*	*	*	*	*
008	Scarlet fever and erysipelas . . . . .	*	*	*	*	*	*	*
009	Meningococcal infection . . . . .	221	222	0.9955	0.0149	1.5	0.9663	1.0247
010	Septicemia . . . . .	21,258	17,791	1.1949	0.0042	0.3	1.1867	1.2030
011	Syphilis . . . . .	21	33	0.6364	0.1184	18.6	0.4043	0.8685
012	Acute poliomyelitis . . . . .	*	*	*	*	*	*	*
013	Arthropod-borne viral encephalitis . . . . .	*	*	*	*	*	*	*
014	Measles . . . . .	*	*	*	*	*	*	*
015	Viral hepatitis . . . . .	1,123	1,346	0.8343	0.0120	1.4	0.8109	0.8578
016	Human immunodeficiency virus (HIV) disease . . . . .	25,089	23,586	1.0637	0.0018	0.2	1.0601	1.0673
017	Malaria . . . . .	*	*	*	*	*	*	*
018	Other and unspecified infectious and parasitic diseases and their sequelae . . . . .	2,865	2,607	1.0990	0.0154	1.4	1.0688	1.1291
019	Malignant neoplasms . . . . .	464,688	461,544	1.0068	0.0002	0.0	1.0064	1.0072
020	Malignant neoplasms of lip, oral cavity and pharynx . . . . .	5,927	6,172	0.9603	0.0040	0.4	0.9525	0.9681
021	Malignant neoplasm of esophagus . . . . .	9,596	9,630	0.9965	0.0020	0.2	0.9926	1.0003
022	Malignant neoplasm of stomach . . . . .	11,480	11,408	1.0063	0.0019	0.2	1.0025	1.0101
023	Malignant neoplasms of colon, rectum and anus . . . . .	48,583	48,619	0.9993	0.0009	0.1	0.9975	1.0010
024	Malignant neoplasms of liver and intrahepatic bile ducts . . . . .	9,732	10,102	0.9634	0.0023	0.2	0.9588	0.9679
025	Malignant neoplasm of pancreas . . . . .	24,313	24,361	0.9980	0.0009	0.1	0.9963	0.9997
026	Malignant neoplasm of larynx . . . . .	3,209	3,194	1.0047	0.0053	0.5	0.9943	1.0150
027	Malignant neoplasms of trachea, bronchus and lung . . . . .	131,750	133,936	0.9837	0.0005	0.1	0.9827	0.9846
028	Malignant melanoma of skin . . . . .	5,941	6,139	0.9677	0.0032	0.3	0.9614	0.9741
029	Malignant neoplasm of breast . . . . .	38,102	37,891	1.0056	0.0010	0.1	1.0036	1.0075
030	Malignant neoplasm of cervix uteri . . . . .	3,753	3,802	0.9871	0.0034	0.3	0.9805	0.9938
031	Malignant neoplasms of corpus uteri and uterus, part unspecified . . . . .	5,318	5,183	1.0260	0.0040	0.4	1.0182	1.0339
032	Malignant neoplasm of ovary . . . . .	11,292	11,344	0.9954	0.0016	0.2	0.9923	0.9985
033	Malignant neoplasm of prostate . . . . .	30,672	30,267	1.0134	0.0015	0.1	1.0105	1.0162
034	Malignant neoplasms of kidney and renal pelvis . . . . .	9,521	9,521	1.0000	0.0022	0.2	0.9957	1.0043
035	Malignant neoplasm of bladder . . . . .	9,563	9,594	0.9968	0.0026	0.3	0.9916	1.0019
036	Malignant neoplasms of meninges, brain and other parts of central nervous system . . . . .	10,039	10,359	0.9691	0.0025	0.3	0.9642	0.9740
037	Malignant neoplasms of lymphoid, hematopoietic and related tissue . . . . .	44,715	44,530	1.0042	0.0012	0.1	1.0019	1.0064
038	Hodgkin's disease . . . . .	1,021	1,036	0.9855	0.0089	0.9	0.9680	1.0030
039	Non-Hodgkin's lymphoma . . . . .	17,924	18,326	0.9781	0.0018	0.2	0.9745	0.9817
040	Leukemia . . . . .	16,600	16,405	1.0119	0.0019	0.2	1.0083	1.0155
041	Multiple myeloma and immunoproliferative neoplasms . . . . .	9,099	8,763	1.0383	0.0030	0.3	1.0324	1.0443
042	Other and unspecified malignant neoplasms of lymphoid, hematopoietic and related tissue . . . . .	*	*	*	*	*	*	*
043	All other and unspecified malignant neoplasms . . . . .	51,182	45,492	1.1251	0.0021	0.2	1.1210	1.1292
044	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . .	9,263	5,532	1.6744	0.0164	1.0	1.6422	1.7067
045	Anemias . . . . .	3,059	3,200	0.9559	0.0077	0.8	0.9409	0.9710
046	Diabetes mellitus . . . . .	48,636	48,242	1.0082	0.0011	0.1	1.0060	1.0103
047	Nutritional deficiencies . . . . .	3,215	2,763	1.1636	0.0165	1.4	1.1312	1.1960
048	Malnutrition . . . . .	2,607	2,665	0.9782	0.0151	1.5	0.9487	1.0078
049	Other nutritional deficiencies . . . . .	608	98	6.2041	0.5961	9.6	5.0358	7.3724
050	Meningitis . . . . .	592	584	1.0137	0.0136	1.3	0.9871	1.0403
051	Parkinson's disease . . . . .	10,404	10,392	1.0012	0.0028	0.3	0.9956	1.0067
052	Alzheimer's disease . . . . .	29,707	19,121	1.5536	0.0071	0.5	1.5398	1.5675
053	Major cardiovascular diseases . . . . .	796,919	798,435	0.9981	0.0002	0.0	0.9977	0.9985
054	Diseases of heart . . . . .	615,564	624,405	0.9858	0.0002	0.0	0.9854	0.9863
055	Acute rheumatic fever and chronic rheumatic heart diseases . . . . .	2,446	2,980	0.8208	0.0089	1.1	0.8034	0.8382
056	Hypertensive heart disease . . . . .	17,322	21,577	0.8028	0.0028	0.3	0.7973	0.8083
057	Hypertensive heart and renal disease . . . . .	2,170	2,027	1.0705	0.0160	1.5	1.0392	1.1019
058	Ischemic heart diseases . . . . .	466,459	466,935	0.9990	0.0002	0.0	0.9985	0.9994
059	Acute myocardial infarction . . . . .	178,125	180,169	0.9887	0.0003	0.0	0.9880	0.9893
060	Other acute ischemic heart diseases . . . . .	2,667	2,638	1.0110	0.0117	1.2	0.9880	1.0340
061	Other forms of chronic ischemic heart disease . . . . .	285,667	284,128	1.0054	0.0004	0.0	1.0046	1.0062

See footnotes at end of table.

TABLE C.2 ESTIMATED COMPARABILITY RATIOS FOR 113 SELECTED CAUSES OF DEATH

List number	Cause of death <sup>1</sup>	Number of deaths allocated according to		Estimated comparability ratio	Standard error	Relative standard error	95 percent confidence limits	
		ICD-10 <sup>2</sup>	ICD-9 <sup>2</sup>				Lower	Upper
062	Atherosclerotic cardiovascular disease, so described . . . . .	64,354	61,362	1.0488	0.0016	0.2	1.0456	1.0519
063	All other forms of chronic ischemic heart disease . . . . .	221,313	222,766	0.9935	0.0004	0.0	0.9927	0.9942
064	Other heart diseases . . . . .	127,167	130,886	0.9716	0.0010	0.1	0.9696	0.9736
065	Acute and subacute endocarditis . . . . .	552	554	0.9964	0.0137	1.4	0.9695	1.0233
066	Diseases of pericardium and acute myocarditis . . . . .	489	475	1.0295	0.0160	1.6	0.9981	1.0608
067	Heart failure . . . . .	44,297	42,554	1.0410	0.0013	0.1	1.0384	1.0435
068	All other forms of heart disease . . . . .	81,829	87,303	0.9373	0.0014	0.2	0.9345	0.9401
069	Essential (primary) hypertension and hypertensive renal disease . . . . .	11,958	10,684	1.1192	0.0050	0.4	1.1094	1.1291
070	Cerebrovascular diseases . . . . .	137,264	129,640	1.0588	0.0008	0.1	1.0572	1.0604
071	Atherosclerosis . . . . .	13,894	14,417	0.9637	0.0025	0.3	0.9588	0.9686
072	Other diseases of circulatory system . . . . .	18,239	19,289	0.9456	0.0021	0.2	0.9414	0.9498
073	Aortic aneurysm and dissection . . . . .	12,216	12,201	1.0012	0.0010	0.1	0.9992	1.0032
074	Other diseases of arteries, arterioles and capillaries . . . . .	6,023	7,088	0.8497	0.0053	0.6	0.8394	0.8601
075	Other disorders of circulatory system . . . . .	2,984	2,899	1.0293	0.0172	1.7	0.9956	1.0631
076	Influenza and pneumonia . . . . .	50,526	72,371	0.6982	0.0018	0.3	0.6947	0.7016
077	Influenza . . . . .	572	567	1.0088	0.0073	0.7	0.9945	1.0231
078	Pneumonia . . . . .	49,954	71,804	0.6957	0.0018	0.3	0.6922	0.6992
079	Other acute lower respiratory infections . . . . .	346	355	0.9746	0.0392	4.0	0.8978	1.0515
080	Acute bronchitis and bronchiolitis . . . . .	265	355	0.7465	0.0264	3.5	0.6947	0.7983
081	Unspecified acute lower respiratory infection . . . . .	*	*	*	*	*	*	*
082	Chronic lower respiratory diseases . . . . .	94,326	90,022	1.0478	0.0009	0.1	1.0460	1.0496
083	Bronchitis, chronic and unspecified . . . . .	913	2,320	0.3935	0.0107	2.7	0.3726	0.4145
084	Emphysema . . . . .	14,369	14,774	0.9726	0.0031	0.3	0.9666	0.9786
085	Asthma . . . . .	4,217	4,718	0.8938	0.0061	0.7	0.8819	0.9057
086	Other chronic lower respiratory diseases . . . . .	74,827	68,210	1.0970	0.0014	0.1	1.0943	1.0998
087	Pneumoconioses and chemical effects . . . . .	860	845	1.0178	0.0099	1.0	0.9983	1.0372
088	Pneumonitis due to solids and liquids . . . . .	10,183	9,104	1.1185	0.0048	0.4	1.1092	1.1279
089	Other diseases of respiratory system . . . . .	16,656	14,269	1.1673	0.0052	0.4	1.1572	1.1774
090	Peptic ulcer . . . . .	3,574	3,686	0.9696	0.0045	0.5	0.9608	0.9784
091	Diseases of appendix . . . . .	209	202	1.0347	0.0242	2.3	0.9873	1.0820
092	Hernia . . . . .	658	633	1.0395	0.0154	1.5	1.0094	1.0696
093	Chronic liver disease and cirrhosis . . . . .	21,688	20,920	1.0367	0.0027	0.3	1.0314	1.0420
094	Alcoholic liver disease . . . . .	10,147	9,965	1.0183	0.0050	0.5	1.0085	1.0281
095	Other chronic liver disease and cirrhosis . . . . .	11,541	10,955	1.0535	0.0041	0.4	1.0454	1.0615
096	Cholelithiasis and other disorders of gallbladder . . . . .	1,725	1,803	0.9567	0.0060	0.6	0.9450	0.9685
097	Nephritis, nephrotic syndrome and nephrosis . . . . .	24,939	20,242	1.2320	0.0044	0.4	1.2234	1.2407
098	Acute and rapidly progressive nephritic and nephrotic syndrome . . . . .	161	249	0.6466	0.0342	5.3	0.5796	0.7136
099	Chronic glomerulonephritis, nephritis and nephropathy not specified as acute or chronic, and renal sclerosis unspecified . . . . .	468	1,213	0.3858	0.0144	3.7	0.3575	0.4141
100	Renal failure . . . . .	24,290	18,758	1.2949	0.0050	0.4	1.2852	1.3047
101	Other disorders of kidney . . . . .	20	22	0.9091	0.0867	9.5	0.7392	1.0790
102	Infections of kidney . . . . .	731	726	1.0069	0.0144	1.4	0.9786	1.0352
103	Hyperplasia of prostate . . . . .	326	327	0.9969	0.0159	1.6	0.9658	1.0280
104	Inflammatory diseases of female pelvic organs . . . . .	63	64	0.9844	0.0410	4.2	0.9040	1.0648
105	Pregnancy, childbirth and the puerperium . . . . .	*	*	*	*	*	*	*
106	Pregnancy with abortive outcome . . . . .	*	*	*	*	*	*	*
107	Other complications of pregnancy, childbirth and the puerperium . . . . .	*	*	*	*	*	*	*
108	Certain conditions originating in the perinatal period . . . . .	10,184	9,555	1.0658	0.0033	0.3	1.0593	1.0724
109	Congenital malformations, deformations and chromosomal abnormalities . . . . .	5,950	7,025	0.8470	0.0055	0.6	0.8362	0.8577
110	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified . . . . .	16,940	17,732	0.9553	0.0034	0.4	0.9487	0.9620
111	All other diseases (Residual) . . . . .	109,853	122,107	0.8996	0.0015	0.2	0.8968	0.9025
112	Accidents (unintentional injuries) . . . . .	31,084	30,163	1.0305	0.0014	0.1	1.0278	1.0333
113	Transport accidents . . . . .	17,547	17,586	0.9978	0.0006	0.1	0.9966	0.9990
114	Motor vehicle accidents . . . . .	14,539	17,051	0.8527	0.0027	0.3	0.8473	0.8581
115	Other land transport accidents . . . . .	*	*	*	*	*	*	*
116	Water, air and space, and other and unspecified transport accidents and their sequelae . . . . .	351	347	1.0115	0.0209	2.1	0.9706	1.0525
117	Nontransport accidents . . . . .	13,537	12,577	1.0763	0.0035	0.3	1.0696	1.0831
118	Falls . . . . .	5,173	6,152	0.8409	0.0049	0.6	0.8313	0.8505
119	Accidental discharge of firearms . . . . .	493	466	1.0579	0.0127	1.2	1.0331	1.0828
120	Accidental drowning and submersion . . . . .	283	284	0.9965	0.0127	1.3	0.9716	1.0213
121	Accidental exposure to smoke, fire and flames . . . . .	493	506	0.9743	0.0089	0.9	0.9568	0.9918
122	Accidental poisoning and exposure to noxious substances . . . . .	*	*	*	*	*	*	*
123	Other and unspecified nontransport accidents and their sequelae . . . . .	6,698	4,721	1.4188	0.0123	0.9	1.3947	1.4428

See footnotes at end of table.

TABLE C.2 ESTIMATED COMPARABILITY RATIOS FOR 113 SELECTED CAUSES OF DEATH

List number	Cause of death <sup>1</sup>	Number of deaths allocated according to		Estimated comparability ratio	Standard error	Relative standard error	95 percent confidence limits	
		ICD-10 <sup>2</sup>	ICD-9 <sup>2</sup>				Lower	Upper
124	Intentional self-harm (suicide) . . . . .	18,352	18,422	0.9962	0.0005	0.0	0.9952	0.9972
125	Intentional self-harm (suicide) by discharge of firearms . . . . .	14,157	14,183	0.9982	0.0007	0.1	0.9968	0.9996
126	Intentional self-harm (suicide) by other and unspecified means and their sequelae . . . . .	4,195	4,239	0.9896	0.0023	0.2	0.9850	0.9942
127	Assault (homicide) . . . . .	12,287	12,308	0.9983	0.0006	0.1	0.9972	0.9994
128	Assault (homicide) by discharge of firearms . . . . .	8,718	8,745	0.9969	0.0008	0.1	0.9953	0.9985
	Assault (homicide) by other and unspecified means and their sequelae . . . . .	3,569	3,563	1.0017	0.0024	0.2	0.9969	1.0064
129	Legal intervention . . . . .	*	*	*	*	*	*	*
130	Events of undetermined intent . . . . .	*	*	*	*	*	*	*
131	Discharge of firearms, undetermined intent . . . . .	*	*	*	*	*	*	*
132	Other and unspecified events of undetermined intent and their sequelae . . . . .	*	*	*	*	*	*	*
133	Operations of war and their sequelae . . . . .	*	*	*	*	*	*	*
134	Complications of medical and surgical care . . . . .	*	*	*	*	*	*	*
135		*	*	*	*	*	*	*

\* Figure does not meet standards of reliability or precision; see Technical notes.  
 0.0 Quantity more than zero but less than 0.05.  
<sup>1</sup>Based on the Ninth and Tenth Revision categories shown in table B.  
<sup>2</sup>ICD-10 is *International Classification of Diseases, Tenth Revision*, and ICD-9 is *International Classification of Diseases, Ninth Revision*.

Source: Anderson RN, Minino AM, Hoyert DL, Rosenberg HM. Comparability of cause of death between ICD-9 and ICD-10; Preliminary estimates. National vital statistics reports; Vol. 49, number 2. Hyattsville, MD: National Center for Health Statistics. 2001



TABLE C.3 ESTIMATED COMPARABILITY RATIOS FOR 130 SELECTED CAUSES OF INFANT DEATH

List number	Cause of death <sup>1</sup>	Number of deaths allocated according to		Estimated comparability ratio	Standard error	Relative standard error	95 percent confidence limits	
		ICD-10 <sup>2</sup>	ICD-9 <sup>2</sup>				Lower	Upper
001	Certain infectious and parasitic diseases . . . . .	284	387	0.7339	0.0339	4.6	0.6673	0.8004
002	Certain intestinal infectious diseases . . . . .	*	*	*	*	*	*	*
003	Diarrhea and gastroenteritis of infectious origin . . . . .	-	144	-	-	-	-	-
004	Tuberculosis . . . . .	*	*	*	*	*	*	*
005	Tetanus . . . . .	*	*	*	*	*	*	*
006	Diphtheria . . . . .	*	*	*	*	*	*	*
007	Whooping cough . . . . .	*	*	*	*	*	*	*
008	Meningococcal infection . . . . .	25	26	0.9615	0.0377	3.9	0.8876	1.0355
009	Septicemia . . . . .	167	121	1.3802	0.0713	5.2	1.2403	1.5200
010	Congenital syphilis . . . . .	*	*	*	*	*	*	*
011	Gonococcal infection . . . . .	*	*	*	*	*	*	*
012	Viral diseases . . . . .	62	62	1.0000	0.0757	7.6	0.8517	1.1483
013	Acute poliomyelitis . . . . .	*	*	*	*	*	*	*
014	Varicella (chickenpox) . . . . .	*	*	*	*	*	*	*
015	Measles . . . . .	*	*	*	*	*	*	*
016	Human immunodeficiency virus (HIV) disease . . . . .	23	22	1.0455	0.0465	4.4	0.9544	1.1365
017	Mumps . . . . .	*	*	*	*	*	*	*
018	Other and unspecified viral diseases . . . . .	35	36	0.9722	0.1255	12.9	0.7262	1.2182
019	Candidiasis . . . . .	*	*	*	*	*	*	*
020	Malaria . . . . .	*	*	*	*	*	*	*
021	Pneumocystosis . . . . .	*	*	*	*	*	*	*
022	All other and unspecified infectious and parasitic diseases . . . . .	*	*	*	*	*	*	*
023	Neoplasms . . . . .	73	72	1.0139	0.0420	4.1	0.9317	1.0961
024	Malignant neoplasms . . . . .	48	46	1.0435	0.0544	5.2	0.9369	1.1501
025	Hodgkin's disease and non-Hodgkin's lymphomas . . . . .	*	*	*	*	*	*	*
026	Leukemia . . . . .	*	*	*	*	*	*	*
027	Other and unspecified malignant neoplasms . . . . .	30	28	1.0714	0.0906	8.5	0.8939	1.2489
028	In situ neoplasms, benign neoplasms and neoplasms of uncertain or unknown behavior . . . . .	25	26	0.9615	0.1131	11.8	0.7398	1.1833
029	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism . . . . .	35	50	0.7000	0.0803	11.5	0.5427	0.8573
030	Anemias . . . . .	*	*	*	*	*	*	*
031	Other diseases of blood and blood-forming organs . . . . .	*	*	*	*	*	*	*
032	Certain disorders involving the immune mechanism . . . . .	*	*	*	*	*	*	*
033	Endocrine, nutritional and metabolic diseases . . . . .	112	129	0.8682	0.0555	6.4	0.7595	0.9770
034	Short stature, not elsewhere classified . . . . .	*	*	*	*	*	*	*
035	Malnutrition and other nutritional deficiencies . . . . .	*	*	*	*	*	*	*
036	Cystic fibrosis . . . . .	*	*	*	*	*	*	*
037	Volume depletion, disorders of fluid, electrolyte and acid-base balance . . . . .	40	53	0.7547	0.0852	11.3	0.5878	0.9217
038	All other endocrine, nutritional and metabolic diseases . . . . .	64	55	1.1636	0.0809	6.9	1.0051	1.3221
039	Diseases of the nervous system . . . . .	305	286	1.0664	0.0263	2.5	1.0149	1.1180
040	Meningitis . . . . .	70	70	1.0000	0.0404	4.0	0.9208	1.0792
041	Infantile spinal muscular atrophy, type I (Werdnig-Hoffman) . . . . .	47	47	1.0000	0.0521	5.2	0.8978	1.1022
042	Infantile cerebral palsy . . . . .	*	*	*	*	*	*	*
043	Anoxic brain damage, not elsewhere classified . . . . .	29	30	0.9667	0.1269	13.1	0.7179	1.2155
044	Other diseases of nervous system . . . . .	145	126	1.1508	0.0532	4.6	1.0466	1.2550
045	Diseases of the ear and mastoid process . . . . .	*	*	*	*	*	*	*
046	Diseases of the circulatory system . . . . .	419	587	0.7138	0.0244	3.4	0.6659	0.7617
047	Pulmonary heart disease and diseases of pulmonary circulation . . . . .	138	123	1.1220	0.0447	4.0	1.0342	1.2097
048	Pericarditis, endocarditis and myocarditis . . . . .	*	*	*	*	*	*	*
049	Cardiomyopathy . . . . .	82	84	0.9762	0.0166	1.7	0.9436	1.0088
050	Cardiac arrest . . . . .	25	87	0.2874	0.0508	17.7	0.1878	0.3869
051	Cerebrovascular diseases . . . . .	77	163	0.4724	0.0510	10.8	0.3725	0.5723
052	All other diseases of circulatory system . . . . .	88	123	0.7154	0.0519	7.3	0.6137	0.8172
053	Diseases of the respiratory system . . . . .	420	516	0.8140	0.0220	2.7	0.7709	0.8570
054	Acute upper respiratory infections . . . . .	*	*	*	*	*	*	*
055	Influenza and pneumonia . . . . .	231	303	0.7624	0.0261	3.4	0.7112	0.8135
056	Influenza . . . . .	*	*	*	*	*	*	*
057	Pneumonia . . . . .	224	295	0.7593	0.0266	3.5	0.7072	0.8114
058	Acute bronchitis and acute bronchiolitis . . . . .	33	41	0.8049	0.0758	9.4	0.6563	0.9534
059	Bronchitis, chronic and unspecified . . . . .	*	*	*	*	*	*	*
060	Asthma . . . . .	*	*	*	*	*	*	*
061	Pneumonitis due to solids and liquids . . . . .	*	*	*	*	*	*	*
062	Other and unspecified diseases of respiratory system . . . . .	117	127	0.9213	0.0632	6.9	0.7973	1.0452
063	Diseases of the digestive system . . . . .	278	167	1.6647	0.1084	6.5	1.4521	1.8772

See footnotes at end of table.

TABLE C.3 ESTIMATED COMPARABILITY RATIOS FOR 130 SELECTED CAUSES OF INFANT DEATH

List number	Cause of death <sup>1</sup>	Number of deaths allocated according to		Estimated comparability ratio	Standard error	Relative standard error	95 percent confidence limits	
		ICD-10 <sup>2</sup>	ICD-9 <sup>2</sup>				Lower	Upper
064	Gastritis, duodenitis, and noninfective enteritis and colitis . . . . .	137	47	2.9149	0.3879	13.3	2.1547	3.6751
065	Hernia of abdominal cavity and intestinal obstruction without hernia . . . . .	*	*	*	*	*	*	*
066	All other and unspecified diseases of digestive system . . . . .	84	86	0.9767	0.0708	7.3	0.8379	1.1156
067	Diseases of the genitourinary system . . . . .	117	117	1.0000	0.0567	5.7	0.8889	1.1111
068	Renal failure and other disorders of kidney . . . . .	102	98	1.0408	0.0658	6.3	0.9118	1.1699
069	Other and unspecified diseases of genitourinary system . . . . .	*	*	*	*	*	*	*
070	Certain conditions originating in the perinatal period . . . . .	10,047	9,495	1.0581	0.0032	0.3	1.0519	1.0643
071	Newborn affected by maternal factors and by complications of pregnancy, labor and delivery . . . . .	1,305	1,256	1.0390	0.0099	1.0	1.0196	1.0585
072	Newborn affected by maternal hypertensive disorders . . . . .	23	22	1.0455	0.0465	4.4	0.9544	1.1365
073	Newborn affected by other maternal conditions which may be unrelated to present pregnancy . . . . .	*	*	*	*	*	*	*
074	Newborn affected by maternal complications of pregnancy . . . . .	662	643	1.0295	0.0138	1.3	1.0024	1.0567
075	Newborn affected by incompetent cervix . . . . .	205	201	1.0199	0.0188	1.8	0.9831	1.0567
076	Newborn affected by premature rupture of membranes . . . . .	314	307	1.0228	0.0136	1.3	0.9962	1.0494
077	Newborn affected by multiple pregnancy . . . . .	104	103	1.0097	0.0507	5.0	0.9103	1.1091
078	Newborn affected by other maternal complications of pregnancy . . . . .	39	32	1.2188	0.1655	13.6	0.8945	1.5430
079	Newborn affected by complications of placenta, cord, and membranes . . . . .	579	553	1.0470	0.0128	1.2	1.0219	1.0721
080	Newborn affected by complications involving placenta . . . . .	306	285	1.0737	0.0174	1.6	1.0395	1.1079
081	Newborn affected by complications involving cord . . . . .	*	*	*	*	*	*	*
082	Newborn affected by chorioamnionitis . . . . .	258	255	1.0118	0.0163	1.6	0.9799	1.0436
083	Newborn affected by other and unspecified abnormalities of membranes . . . . .	*	*	*	*	*	*	*
084	Newborn affected by other complications of labor and delivery . . . . .	37	20	1.8500	0.3262	17.6	1.2107	2.4893
085	Newborn affected by noxious influences transmitted via placenta or breast milk . . . . .	*	*	*	*	*	*	*
086	Disorders related to length of gestation and fetal malnutrition . . . . .	3,843	3,474	1.1062	0.0064	0.6	1.0936	1.1188
087	Slow fetal growth and fetal malnutrition . . . . .	34	30	1.1333	0.1004	8.9	0.9366	1.3301
088	Disorders related to short gestation and low birth weight, not elsewhere classified . . . . .	3,809	3,444	1.1060	0.0064	0.6	1.0934	1.1186
089	Extremely low birth weight or extreme immaturity . . . . .	2,835	2,558	1.1083	0.0079	0.7	1.0927	1.1239
090	Other low birth weight or preterm . . . . .	974	886	1.0993	0.0135	1.2	1.0729	1.1258
091	Disorders related to long gestation and high birth weight . . . . .	*	*	*	*	*	*	*
092	Birth trauma . . . . .	5	113	0.0442	0.0197	44.5	0.0056	0.0829
093	Intrauterine hypoxia and birth asphyxia . . . . .	401	277	1.4477	0.0599	4.1	1.3303	1.5650
094	Intrauterine hypoxia . . . . .	57	63	0.9048	0.1227	13.6	0.6643	1.1452
095	Birth asphyxia . . . . .	344	214	1.6075	0.0763	4.7	1.4579	1.7571
096	Respiratory distress of newborn . . . . .	917	894	1.0257	0.0131	1.3	1.0001	1.0513
097	Other respiratory conditions originating in the perinatal period . . . . .	1,160	1,372	0.8455	0.0216	2.6	0.8032	0.8878
098	Congenital pneumonia . . . . .	57	15	3.8000	0.9004	23.7	2.0352	5.5648
099	Neonatal aspiration syndromes . . . . .	78	56	1.3929	0.1115	8.0	1.1743	1.6114
100	Interstitial emphysema and related conditions originating in the perinatal period . . . . .	146	121	1.2066	0.0595	4.9	1.0899	1.3233
101	Pulmonary hemorrhage originating in the perinatal period . . . . .	212	145	1.4621	0.0751	5.1	1.3150	1.6092
102	Chronic respiratory disease originating in the perinatal period . . . . .	243	214	1.1355	0.0327	2.9	1.0715	1.1995
103	Atelectasis . . . . .	382	185	2.0649	0.1144	5.5	1.8406	2.2891
104	All other respiratory conditions originating in the perinatal period . . . . .	42	636	0.0660	0.0101	15.2	0.0463	0.0858
105	Infections specific to the perinatal period . . . . .	563	552	1.0199	0.0261	2.6	0.9688	1.0710
106	Bacterial sepsis of newborn . . . . .	470	514	0.9144	0.0272	3.0	0.8611	0.9677
107	Omphalitis of newborn with or without mild hemorrhage . . . . .	*	*	*	*	*	*	*
108	All other infections specific to the perinatal period . . . . .	93	38	2.4474	0.3705	15.1	1.7211	3.1736
109	Hemorrhagic and hematological disorders of newborn . . . . .	390	274	1.4234	0.0640	4.5	1.2979	1.5488
110	Neonatal hemorrhage . . . . .	319	222	1.4369	0.0698	4.9	1.3002	1.5737
111	Hemorrhagic disease of newborn . . . . .	*	*	*	*	*	*	*
112	Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice . . . . .	*	*	*	*	*	*	*
113	Hematological disorders . . . . .	*	*	*	*	*	*	*
114	Syndrome of infant of a diabetic mother and neonatal diabetes mellitus . . . . .	*	*	*	*	*	*	*
115	Necrotizing enterocolitis of newborn . . . . .	249	203	1.2266	0.0456	3.7	1.1371	1.3161
116	Hydrops fetalis not due to hemolytic disease . . . . .	120	120	1.0000	0.0264	2.6	0.9483	1.0517
117	Other perinatal conditions . . . . .	1,092	954	1.1447	0.0192	1.7	1.1070	1.1823
118	Congenital malformations, deformations and chromosomal abnormalities . . . . .	3,400	3,751	0.9064	0.0057	0.6	0.8953	0.9176

See footnotes at end of table.

TABLE C.3 ESTIMATED COMPARABILITY RATIOS FOR 130 SELECTED CAUSES OF INFANT DEATH

List number	Cause of death <sup>1</sup>	Number of deaths allocated according to		Estimated comparability ratio	Standard error	Relative standard error	95 percent confidence limits	
		ICD-10 <sup>2</sup>	ICD-9 <sup>2</sup>				Lower	Upper
119	Anencephaly and similar malformations . . . . .	299	299	1.0000	0.0	0.0	1.0000	1.0000
120	Congenital hydrocephalus . . . . .	62	91	0.6813	0.0552	8.1	0.5732	0.7895
121	Spina bifida . . . . .	24	32	0.7500	0.0765	10.2	0.6000	0.9000
122	Other congenital malformations of nervous system . . . . .	191	177	1.0791	0.0477	4.4	0.9856	1.1725
123	Congenital malformations of heart . . . . .	1,022	1,027	0.9951	0.0081	0.8	0.9793	1.0109
124	Other congenital malformations of circulatory system . . . . .	75	121	0.6198	0.0504	8.1	0.5210	0.7186
125	Congenital malformations of respiratory system . . . . .	361	571	0.6322	0.0225	3.6	0.5882	0.6762
126	Congenital malformations of digestive system . . . . .	*	*	*	*	*	*	*
127	Congenital malformations of genitourinary system . . . . .	216	229	0.9432	0.0244	2.6	0.8955	0.9910
128	Congenital malformations and deformations of musculoskeletal system, limbs and integument . . . . .	269	311	0.8650	0.0319	3.7	0.8024	0.9275
129	Down's syndrome . . . . .	57	58	0.9828	0.0705	7.2	0.8446	1.1209
130	Edward's syndrome . . . . .	277	278	0.9964	0.0080	0.8	0.9807	1.0121
131	Patau's syndrome . . . . .	170	173	0.9827	0.0099	1.0	0.9632	1.0021
132	Other congenital malformations and deformations . . . . .	304	312	0.9744	0.0210	2.2	0.9332	1.0155
133	Other chromosomal abnormalities, not elsewhere classified . . . . .	57	53	1.0755	0.0783	7.3	0.9221	1.2289
134	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified . . . . .	2,799	2,732	1.0245	0.0042	0.4	1.0163	1.0327
135	Sudden infant death syndrome . . . . .	2,575	2,485	1.0362	0.0040	0.4	1.0284	1.0440
136	Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified . . . . .	224	247	0.9069	0.0270	3.0	0.8540	0.9598
137	All other diseases . . . . .	*	*	*	*	*	*	*
138	External causes of mortality . . . . .	441	444	0.9932	0.0098	1.0	0.9741	1.0124
139	Accidents (unintentional injuries) . . . . .	292	285	1.0246	0.0107	1.0	1.0037	1.0454
140	Transport accidents . . . . .	99	108	0.9167	0.0294	3.2	0.8590	0.9743
141	Motor vehicle accidents . . . . .	85	98	0.8673	0.0368	4.2	0.7952	0.9395
142	Other and unspecified transport accidents . . . . .	*	*	*	*	*	*	*
143	Falls . . . . .	*	*	*	*	*	*	*
144	Accidental discharge of firearms . . . . .	*	*	*	*	*	*	*
145	Accidental drowning and submersion . . . . .	*	*	*	*	*	*	*
146	Accidental suffocation and strangulation in bed . . . . .	*	*	*	*	*	*	*
147	Other accidental suffocation and strangulation . . . . .	79	69	1.1449	0.0537	4.7	1.0396	1.2502
148	Accidental inhalation and ingestion of food or other objects causing obstruction of respiratory tract . . . . .	32	29	1.1034	0.0810	7.3	0.9447	1.2622
149	Accidents caused by exposure to smoke, fire and flames . . . . .	*	*	*	*	*	*	*
150	Accidental poisoning and exposure to noxious substances . . . . .	*	*	*	*	*	*	*
151	Other and unspecified accidents . . . . .	*	*	*	*	*	*	*
152	Assault (homicide) . . . . .	146	154	0.9481	0.0179	1.9	0.9130	0.9831
153	Assault (homicide) by hanging, strangulation and suffocation . . . . .	*	*	*	*	*	*	*
154	Assault (homicide) by discharge of firearms . . . . .	*	*	*	*	*	*	*
155	Neglect, abandonment and other maltreatment syndromes . . . . .	*	*	*	*	*	*	*
156	Assault (homicide) by other and unspecified means . . . . .	91	88	1.0341	0.0417	4.0	0.9524	1.1158
157	Complications of medical and surgical care . . . . .	*	*	*	*	*	*	*
158	Other external causes . . . . .	*	*	*	*	*	*	*

\* Figure does not meet standards of reliability or precision; see Technical notes.  
 - Quantity zero.  
<sup>1</sup>Based on the Ninth and Tenth Revision categories shown in table C.  
<sup>2</sup>ICD-10 is *Classification of Diseases*, Tenth Revision, and ICD-9 is *International Classification of Diseases*, Ninth Revision.

Source: Anderson RN, Minino AM, Hoyert DL, Rosenberg HM. Comparability of cause of death between ICD-9 and ICD-10; Preliminary estimates. National vital statistics reports; Vol. 49, number 2. Hyattsville, MD: National Center for Health Statistics. 2001

# APPENDIX D: PRENATAL CARE

## KESSNER INDEX

The classification of prenatal care as adequate, intermediate, or inadequate is derived from the Institute of Medicine's Three-Factor Prenatal Care Index. The classes of care are in accordance with recommendations for prenatal care set forth by the American College of Obstetricians and Gynecologists and the World Health Organization. This classification scheme accounts for length of gestation by requiring fewer prenatal visits for pregnancies with short gestation time. Records with missing information (i.e. last normal menstrual period, gestation weeks, number of visits, or month prenatal care began) are assigned to the inadequate prenatal care category.

The gestation weeks are calculated by subtracting the last menstrual date from the child's birth date. If the last menstrual date is missing from the birth record, the doctor's (or other medical professional's) estimate of gestation is used. The accuracy of the level of prenatal care is only as reliable as the information provided by the mother and her care giver.

The table below shows the Institute of Medicine's Three-Factor Prenatal Care Index.

**TABLE D.1**

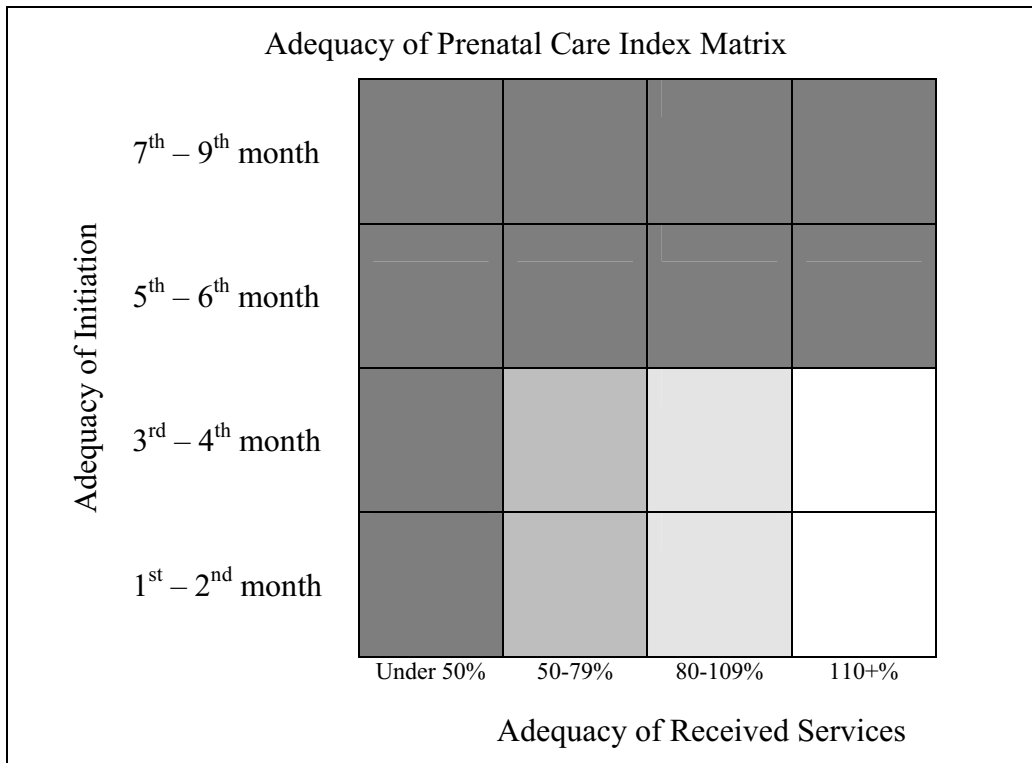
GESTATION	TRIMESTER CARE BEGAN AND/OR NUMBER OF PRENATAL VISITS	LEVEL OF CARE
<= 13 Weeks	At least 1 visit	Adequate
	No visits	Intermediate
14-17 Weeks	1st trimester and at least 2 visits	Adequate
	1st or 2nd trimester and 1 visit	Intermediate
	No prenatal visits	Inadequate
18-21 Weeks	1st trimester and at least 3 visits	Adequate
	1st or 2nd trimester and 1-2 visits	Intermediate
	No prenatal visits	Inadequate
22-25 Weeks	1st trimester and at least 4 visits	Adequate
	1st or 2nd trimester and 2-3 visits	Intermediate
	3rd trimester or no more than 1 visit	Inadequate
26-29 Weeks	1st trimester and at least 5 visits	Adequate
	1st or 2nd trimester and 2-4 visits	Intermediate
	3rd trimester or no more than 1 visit	Inadequate
30-31 Weeks	1st trimester and at least 6 visits	Adequate
	1st or 2nd trimester and 3-5 visits	Intermediate
	3rd trimester or no more than 2 visits	Inadequate
32-33 Weeks	1st trimester and at least 7 visits	Adequate
	1st or 2nd trimester and 4-6 visits	Intermediate
	3rd trimester or no more than 3 visits	Inadequate
34-35 Weeks	1st trimester and at least 8 visits	Adequate
	1st or 2nd trimester and 5-7 visits	Intermediate
	3rd trimester or no more than 4 visits	Inadequate
=> 36 Weeks	1st trimester and at least 9 visits	Adequate
	1st or 2nd trimester and 5-8 visits	Intermediate
	3rd trimester or no more than 4 visits	Inadequate

<sup>1</sup> Kessner, D. "Infant Death: An Analysis by Maternal Risk and health Care" Institute of Medicine, Contrasts in Health Status, Volume 1, 1973. National Academy of Sciences, Washington, DC pp 58-60

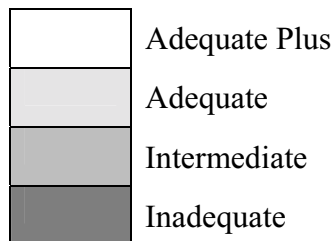
**APNCU INDEX**

The APNCU index makes use of two types of prenatal care information obtained from birth certificate data—when prenatal care began (adequacy of initiation) and the number of prenatal visits from when prenatal care began until delivery (adequacy of received services). The APNCU index classifies the adequacy of initiation as follows: pregnancy months 1 and 2, months 3 and 4, months 5 and 6, and months 7 to 9. To classify the adequacy of received services, the number of prenatal visits is compared to the expected number of visits for the period between when care began and the delivery date. The expected number of visits is based on the American College of Obstetricians and Gynecologists prenatal care standards for uncomplicated pregnancies and is adjusted for the gestational age when care began and for the gestational age at delivery. A ratio of observed to expected visits is calculated and grouped into four categories—Inadequate (received less than 50% of expected visits), Intermediate (50%-79%), Adequate (80%-109%), and Adequate Plus (110%). The final APNCU index measure combines these two dimensions into a single summary score. The chart below summarizes the two dimensions of the APNCU index.

**TABLE D.2**



**Summary Index**



# APPENDIX E: DETERMINATION OF CHILD'S RACE

## NCHS STANDARDS

Beginning in 1989, the National Center for Health Statistics (NCHS) changed their standards for determining a child's race. Since that time, a child's race has been determined by the race of the mother as reported on the birth certificate. The following are NCHS guidelines for determining the child's race.

- If the mother is a mixture of Hawaiian and any other race, the child's race is recorded as **Hawaiian**.
- If the mother is a mixture of races other than Hawaiian, the child's race is the first listed race of the mother.
- If the mother's race is listed as "Col.", "N", "Negro", "Colored", "B", "Brown", "AA", or "Afro-American", the child's race is recorded as **African American**.
- If the mother's race is listed as Asian, Yellow, Oriental, or Mongolian, and the mother's birth place is given as China, Japan, the Philippines, Hawaii, India, Korea, Vietnam, Samoa, or Guam, the child's race is recorded by the **country of the mother's birth**. If the birth place is not one of those places, the child's race is recorded as **Other Asian or Pacific Islander**.
- If the mother's race is Indian and mother's birth place is not in North, Central, or South America, the child's race is recorded as **Other Asian or Pacific Islander**.
- If "part \_\_\_\_\_" or "1/4, 1/2, 3/4 \_\_\_\_\_" is given, the child's race is recorded as the **first reported race** of the mother. The prefix is ignored.
- If the mother's race is shown as unknown, the child's race is recorded as **Unknown**.

## STATISTICAL CALCULATIONS

In this report, for any decedents born in Alaska during 1989 or later, a comparison has been made between the decedent's race as shown on the death certificate and the mother's race as shown on the birth certificate. If the two are not the same, the mother's race has been used for statistical analysis.

Birth certificates in which the mother's race is not specified may result in an under-reporting of the race-specific birth rates. Therefore, in this report, for statistical purposes only, any certificates in which the mother's race is unknown are assigned the race of the previous certificate on which the mother's race is known. While not accurate on an individual basis, this does allow for accurate overall estimates of rates by race. This method is also used by the National Centers for Health Statistics.



# APPENDIX F: YEAR 2000 HEALTH OBJECTIVES

The U.S. Department of Health and Human Services published Healthy People 2000: National Health Promotion and Disease Prevention Objectives to comprehensively address health promotion and disease prevention opportunities in order to allow local communities and states to choose from among its recommendations in addressing their own highest priority needs. The table below provides a brief comparison of some of these objectives compared with Alaska vital statistics from 1997 through 1999. Note that in 1999, causes of death were classified using ICD-10, while deaths during 1997 and 1998 were classified using ICD-9. Thus the death rates in 1997 and 1998 are not directly comparable to the death rates in 1999. Similarly, the death rates in 1999 are not directly comparable to the Year 2000 Health Objectives, since the Health Objectives were developed using ICD-9 and causes of death in 1999 were classified using ICD-10.

**TABLE F.1 YEAR 2000 HEALTH OBJECTIVES**

HEALTH INDICATOR	ALASKA STATISTICS			YEAR 2000 OBJECTIVE
	1997	1998	1999	
Malignant Neoplasm (Cancer) Death Rate <sup>2</sup>	120.8	120.5	110.8	130.0
Accident and Adverse Effects Death Rate <sup>2</sup>	46.5	42.1	50.0	29.3
Intentional Self-Harm (Suicide) Death Rate <sup>2</sup>	21.9	23.7	15.9	10.5
Cerebrovascular Disease Death Rate <sup>2</sup>	24.1	26.6	29.6	20.0
Chronic Obstructive Pulmonary Disease Death Rate <sup>2</sup>	23.8	21.5	25.9	25.0
Diabetes Mellitus Death Rate <sup>2</sup>	16.3	12.4	11.5	34.0
Chronic Liver Disease and Cirrhosis Death Rate <sup>2</sup>	8.0	8.2	6.8	6.0
Infant Mortality Rate <sup>3</sup>	7.7	7.0	6.5	7.0
Neonatal Infant Mortality Rate <sup>3</sup>	4.1	3.5	3.1	4.5
Postneonatal Infant Mortality Rate <sup>3</sup>	3.6	3.6	3.4	2.5
Low Birth Weight (<2500 grams) Percent	5.8%	5.9%	5.7%	5.0%
Very Low Birth Weight (<1500) Percent	1.2%	1.2%	1.0%	<1%
Mothers Abstaining from Tobacco Use During Pregnancy	80.8%	81.7%	82.2%	90%
Alaska Mothers Receiving Prenatal Care During the First Trimester	79.6%	80.5%	78.4%	90%
White Mothers Receiving Prenatal Care During the First Trimester	81.8%	82.8%	81.4%	90%
Native Mothers Receiving Prenatal Care During the First Trimester	75.6%	74.9%	71.4%	90%

<sup>1</sup> Public Health Service, U.S. Department of Health and Human Services, Healthy People 2000: National Health Promotion and Disease Prevention Objectives, DHHS Pub. No. PHS 91-50212. Washington, D.C.

<sup>2</sup> Rate per 100,000 U.S. 1940 standard million population. Deaths in 1997 and 1998 were classified using ICD-9; Deaths in 1999 were classified using ICD-10.

<sup>3</sup> Infant mortality rates are three-year averages.





# APPENDIX G: SAMPLE CERTIFICATES

## CERTIFICATE OF LIVE BIRTH

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**CERTIFICATE OF LIVE BIRTH (CONTINUED)**

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CERTIFICATE OF FETAL DEATH

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(CONTINUED ⇒ )

CERTIFICATE OF FETAL DEATH (CONTINUED)

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REPORT OF ADOPTION

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CERTIFICATE OF MARRIAGE

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**CERTIFICATE OF DIVORCE, DISSOLUTION OF MARRIAGE, OR ANNULMENT**

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CERTIFICATE OF DEATH

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CERTIFICATE OF PRESUMPTIVE DEATH

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# APPENDIX H: GEOGRAPHIC INFORMATION

Some of the information in this report is provided by geographic regions. There are three different ways in which Alaska is divided into regions: 1) by census area; 2) by Native regional corporation boundaries; and 3) by judicial districts. The following alphabetic list shows the census area and Native regional corporation for each location.

LOCATION	CENSUS AREA	NATIVE REGIONAL CORPORATION
ADAK	ALEUTIANS WEST	ALEUT CORP.
AFOGNAK	KODIAK ISLAND BOROUGH	KONIAG INC.
AKHIOK	KODIAK ISLAND BOROUGH	KONIAG INC.
AKIACHAK	BETHEL	CALISTA CORP.
AKIAK	BETHEL	CALISTA CORP.
AKULURAK MISSION	BETHEL	CALISTA CORP.
AKUTAN	ALEUTIANS EAST	ALEUT CORP.
ALAKANUK	WADE HAMPTON	CALISTA CORP.
ALASKA HWY	SOUTHEAST FAIRBANKS	DOYON LTD.
ALATNA	YUKON/KOYUKUK	DOYON LTD.
ALCAN	SOUTHEAST FAIRBANKS	DOYON LTD.
ALEKNAGIK	DILLINGHAM	BRISTOL BAY CORP.
ALEXANDER CREEK	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
ALITAK	KODIAK ISLAND BOROUGH	KONIAG INC.
ALLAKAKET	YUKON/KOYUKUK	DOYON LTD.
AMBLER	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
AMCHITKA	ALEUTIANS WEST	ALEUT CORP.
ANAKTUVAK PASS	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
ANCHOR POINT	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
ANCHORAGE	ANCHORAGE BOROUGH	COOK INLET REG CORP.
ANCHORAGE (CHUGACH)	ANCHORAGE BOROUGH	CHUGACH NATIVES INC.
ANCHORAGE AIRPORT	ANCHORAGE BOROUGH	COOK INLET REG CORP.
ANDERAFSKI	WADE HAMPTON	CALISTA CORP.
ANDERSON	DENALI BOROUGH	DOYON LTD.
ANGOON	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
ANIAK	BETHEL	CALISTA CORP.
ANNETTE	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
ANNETTE ISLAND	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
ANVIK	YUKON/KOYUKUK	DOYON LTD.
ARCTIC CIRCLE	YUKON/KOYUKUK	DOYON LTD.
ARCTIC VILLAGE	YUKON/KOYUKUK	DOYON LTD.
ATKA	ALEUTIANS WEST	ALEUT CORP.
ATKASOOK	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
ATMAUTHUAK	BETHEL	CALISTA CORP.
ATTU	ALEUTIANS WEST	ALEUT CORP.
AUKE BAY	JUNEAU BOROUGH	SEALASKA CORP.
AURORA LODGE	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
BARANOF	SITKA BOROUGH	SEALASKA CORP.
BARE ISLAND	KODIAK ISLAND BOROUGH	KONIAG INC.
BARROW	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
BARTER ISLAND	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
BEAVER	YUKON/KOYUKUK	DOYON LTD.
BELL ISLAND	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
BELOFSKI	ALEUTIANS EAST	ALEUT CORP.
BELUGA	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
BERRY	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
BESSIE DREDGE #5	NOME	BERING STRAITS CORP.
BETHEL	BETHEL	CALISTA CORP.
BETTLES	YUKON/KOYUKUK	DOYON LTD.
BIG DELTA	SOUTHEAST FAIRBANKS	DOYON LTD.

LOCATION	CENSUS AREA	NATIVE REGIONAL CORPORATION
BIG HORN	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
BIG LAKE	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
BILL MOORES SLOUGH	WADE HAMPTON	CALISTA CORP.
BIORKA ISLAND	SITKA BOROUGH	SEALASKA CORP.
BIRCH CREEK	YUKON/KOYUKUK	DOYON LTD.
BIRCH LAKE	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
BIRCHWOOD	ANCHORAGE BOROUGH	COOK INLET REG CORP.
BIRD CREEK	ANCHORAGE BOROUGH	COOK INLET REG CORP.
BODENBURG BUTTE	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
BOUNDARY	SOUTHEAST FAIRBANKS	DOYON LTD.
BRADFIELD CANAL	WRANGELL/PETERSBURG	SEALASKA CORP.
BREVIK MISSION	NOME	BERING STRAITS CORP.
BROAD PASS	MATANUSKA-SUSITNA BOROUGH	AHTNA INC.
BUCKLAND	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
BUTTE	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
CAMP CARROL	ANCHORAGE BOROUGH	COOK INLET REG CORP.
CAMPION AFS	YUKON/KOYUKUK	DOYON LTD.
CANDLE	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
CANTWELL	DENALI BOROUGH	AHTNA INC.
CANYON CITY	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
CANYON VILLAGE	YUKON/KOYUKUK	DOYON LTD.
CAPE LISBURNE	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
CAPE NEWENHAM AFS	BETHEL	CALISTA CORP.
CAPE POLE	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
CAPE ROMANZOFF	WADE HAMPTON	CALISTA CORP.
CAPE YAKATAGA	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
CASWELL	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
CENTRAL	YUKON/KOYUKUK	DOYON LTD.
CHALKYITSIK	YUKON/KOYUKUK	DOYON LTD.
CHANDALAR	YUKON/KOYUKUK	DOYON LTD.
CHANLILIUT	WADE HAMPTON	CALISTA CORP.
CHASE	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
CHATANIKA	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
CHEFORNAK	BETHEL	CALISTA CORP.
CHENA HOT SPRINGS	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
CHENEGA	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
CHEVAK	WADE HAMPTON	CALISTA CORP.
CHICHAGOF	SITKA BOROUGH	SEALASKA CORP.
CHICKALOON	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
CHICKEN	SOUTHEAST FAIRBANKS	DOYON LTD.
CHIGNIK	LAKE AND PENINSULA	BRISTOL BAY CORP.
CHIGNIK LAGOON	LAKE AND PENINSULA	BRISTOL BAY CORP.
CHIGNIK LAKE	LAKE AND PENINSULA	BRISTOL BAY CORP.
CHILKAT	HAINES BOROUGH	SEALASKA CORP.
CHILKOOT	HAINES BOROUGH	SEALASKA CORP.
CHINIAK	KODIAK ISLAND BOROUGH	KONIAG INC.
CHISANA	VALDEZ/CORDOVA	AHTNA INC.
CHISTOCHINA	VALDEZ/CORDOVA	AHTNA INC.
CHITINA	VALDEZ/CORDOVA	AHTNA INC.
CHRISTIAN	YUKON/KOYUKUK	DOYON LTD.
CHUATHBALUK	BETHEL	CALISTA CORP.
CHUGIAK	ANCHORAGE BOROUGH	COOK INLET REG CORP.
CHULITNA	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
CHULLONAWICK	WADE HAMPTON	CALISTA CORP.
CIRCLE	YUKON/KOYUKUK	DOYON LTD.
CIRCLE HOT SPRINGS	YUKON/KOYUKUK	DOYON LTD.
CLAM GULCH	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
CLARKS POINT	DILLINGHAM	BRISTOL BAY CORP.
CLEAR	DENALI BOROUGH	DOYON LTD.

LOCATION	CENSUS AREA	NATIVE REGIONAL CORPORATION
CLOVER PASS	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
COFFMAN COVE	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
COHOE	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
COLD BAY	ALEUTIANS EAST	ALEUT CORP.
COLDFOOT	YUKON/KOYUKUK	DOYON LTD.
COLLEGE	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
COOPER LANDING	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
COPPER CENTER	VALDEZ/CORDOVA	AHTNA INC.
COPPERVILLE	VALDEZ/CORDOVA	AHTNA INC.
CORDOVA	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
COUNCIL	NOME	BERING STRAITS CORP.
COVENANT LIFE	HAINES BOROUGH	SEALASKA CORP.
CRAIG	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
CROOKED CREEK	BETHEL	CALISTA CORP.
CROWN POINT	KENAI PENINSULA BOROUGH	CHUGACH NATIVES INC.
CUBE COVE	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
CURRY	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
CUTOFF	YUKON/KOYUKUK	DOYON LTD.
DALTON HWY 1	YUKON/KOYUKUK	DOYON LTD.
DALTON HWY 2	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
DANGER BAY	KODIAK ISLAND BOROUGH	KONIAG INC.
DEADHORSE	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
DEERING	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
DELTA JUNCTION	SOUTHEAST FAIRBANKS	DOYON LTD.
DENALI PARK	DENALI BOROUGH	DOYON LTD.
DILLINGHAM	DILLINGHAM	BRISTOL BAY CORP.
DIOMEDE	NOME	BERING STRAITS CORP.
DOME	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
DORA BAY	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
DOT LAKE	SOUTHEAST FAIRBANKS	DOYON LTD.
DOUGLAS	JUNEAU BOROUGH	SEALASKA CORP.
DRY CREEK	SOUTHEAST FAIRBANKS	DOYON LTD.
DUNBAR	YUKON/KOYUKUK	DOYON LTD.
DUTCH HARBOR	ALEUTIANS WEST	ALEUT CORP.
EAGLE	SOUTHEAST FAIRBANKS	DOYON LTD.
EAGLE RIVER	ANCHORAGE BOROUGH	COOK INLET REG CORP.
EAGLE VILLAGE	SOUTHEAST FAIRBANKS	DOYON LTD.
EDGERTON HWY	VALDEZ/CORDOVA	AHTNA INC.
EDNA BAY	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
EEK	BETHEL	CALISTA CORP.
EGEGIK	LAKE AND PENINSULA	BRISTOL BAY CORP.
EIELSON AFB	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
EKLUTNA	ANCHORAGE BOROUGH	COOK INLET REG CORP.
EKUK	DILLINGHAM	BRISTOL BAY CORP.
EKWOK	DILLINGHAM	BRISTOL BAY CORP.
ELFIN COVE	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
ELIM	NOME	BERING STRAITS CORP.
ELLAMAR	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
ELLIOTT HWY 1	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
ELLIOTT HWY 2	YUKON/KOYUKUK	DOYON LTD.
ELMENDORF AFB	ANCHORAGE BOROUGH	COOK INLET REG CORP.
EMMONAK	WADE HAMPTON	CALISTA CORP.
ENGLISH BAY	KENAI PENINSULA BOROUGH	CHUGACH NATIVES INC.
ESKA	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
ESTER	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
ETOLIN	WRANGELL/PETERSBURG	SEALASKA CORP.
EUREKA LODGE	VALDEZ/CORDOVA	AHTNA INC.
EVANSVILLE	YUKON/KOYUKUK	DOYON LTD.
EXCURSION INLET	HAINES BOROUGH	SEALASKA CORP.

LOCATION	CENSUS AREA	NATIVE REGIONAL CORPORATION
EYAK	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
FAIRBANKS	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
FALSE ISLAND	SITKA BOROUGH	SEALASKA CORP.
FALSE PASS	ALEUTIANS EAST	ALEUT CORP.
FAREWELL	YUKON/KOYUKUK	DOYON LTD.
FERRY	DENALI BOROUGH	DOYON LTD.
FIRE ISLAND	ANCHORAGE BOROUGH	COOK INLET REG CORP.
FLAT	YUKON/KOYUKUK	DOYON LTD.
FORT GREELY	SOUTHEAST FAIRBANKS	DOYON LTD.
FORT RANDALL	ALEUTIANS EAST	ALEUT CORP.
FORT RICHARDSON	ANCHORAGE BOROUGH	COOK INLET REG CORP.
FORT WAINWRIGHT	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
FORT YUKON	YUKON/KOYUKUK	DOYON LTD.
FORTUNA LEDGE	WADE HAMPTON	CALISTA CORP.
FOX	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
FOX RIVER	KENAI PENINSULA BOROUGH	CHUGACH NATIVES INC.
FRESHWATER BAY	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
FRITZ CREEK	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
FUNTER BAY	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
GAKONA	VALDEZ/CORDOVA	AHTNA INC.
GALENA	YUKON/KOYUKUK	DOYON LTD.
GALLA LOGG CAMP	WRANGELL/PETERSBURG	SEALASKA CORP.
GAMBELL	NOME	BERING STRAITS CORP.
GAME CREEK	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
GEORGE INLET	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
GEORGETOWN	BETHEL	CALISTA CORP.
GIRDWOOD	ANCHORAGE BOROUGH	COOK INLET REG CORP.
GLENN HWY MI 22	ANCHORAGE BOROUGH	COOK INLET REG CORP.
GLENN HWY 1	ANCHORAGE BOROUGH	COOK INLET REG CORP.
GLENN HWY 2	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
GLENN HWY 3	MATANUSKA-SUSITNA BOROUGH	AHTNA INC.
GLENN HWY 4	VALDEZ/CORDOVA	AHTNA INC.
GLENN HWY 5	SOUTHEAST FAIRBANKS	DOYON LTD.
GLENNALLEN	VALDEZ/CORDOVA	AHTNA INC.
GODDARD	SITKA BOROUGH	SEALASKA CORP.
GOLD CREEK	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
GOLOVIN	NOME	BERING STRAITS CORP.
GOODNEWS BAY	BETHEL	CALISTA CORP.
GRAEHL	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
GRAYLING	YUKON/KOYUKUK	DOYON LTD.
GROUSE CREEK GROUP	KENAI PENINSULA BOROUGH	CHUGACH NATIVES INC.
GULKANA	VALDEZ/CORDOVA	AHTNA INC.
GUSTAVUS	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
HAINES	HAINES BOROUGH	SEALASKA CORP.
HALIBUT COVE	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
HAMILTON	WADE HAMPTON	CALISTA CORP.
HAMILTON ACRES	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
HAPPY VALLEY	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
HARDING LAKE	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
HASSLER PASS	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
HAWK INLET	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
HAYCOCK	NOME	BERING STRAITS CORP.
HEALY	DENALI BOROUGH	DOYON LTD.
HEALY LAKE	SOUTHEAST FAIRBANKS	DOYON LTD.
HERRING COVE	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
HERRING POINT	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
HOBART BAY	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
HOGATZA	YUKON/KOYUKUK	DOYON LTD.
HOLIKACHUK	YUKON/KOYUKUK	DOYON LTD.

LOCATION	CENSUS AREA	NATIVE REGIONAL CORPORATION
HOLITNA RIVER	BETHEL	CALISTA CORP.
HOLLIS	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
HOLY CROSS	YUKON/KOYUKUK	DOYON LTD.
HOMER	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
HOONAH	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
HOOPER BAY	WADE HAMPTON	CALISTA CORP.
HOPE	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
HOUSTON	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
HUGHES	YUKON/KOYUKUK	DOYON LTD.
HURRICANE	MATANUSKA-SUSITNA BOROUGH	DOYON LTD.
HUSLIA	YUKON/KOYUKUK	DOYON LTD.
HYDABURG	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
HYDER	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
ICY BAY	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
IDITAROD	YUKON/KOYUKUK	DOYON LTD.
IGIUGIG	LAKE AND PENINSULA	BRISTOL BAY CORP.
IGLOO	NOME	BERING STRAITS CORP.
ILIAMNA	LAKE AND PENINSULA	BRISTOL BAY CORP.
INALIK	NOME	BERING STRAITS CORP.
INDIAN	ANCHORAGE BOROUGH	COOK INLET REG CORP.
INDIAN MOUNTAIN	YUKON/KOYUKUK	DOYON LTD.
IVANOFF BAY	LAKE AND PENINSULA	BRISTOL BAY CORP.
JAKOLOF BAY	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
JONESVILLE	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
JUNEAU	JUNEAU BOROUGH	SEALASKA CORP.
KACHAMAK	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
KAGUYAK	KODIAK ISLAND BOROUGH	KONIAG INC.
KAKE	WRANGELL/PETERSBURG	SEALASKA CORP.
KAKHONAK BAY	LAKE AND PENINSULA	BRISTOL BAY CORP.
KAKTOVIK	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
KALIFONSKY	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
KALSKAG	BETHEL	CALISTA CORP.
KALTAG	YUKON/KOYUKUK	DOYON LTD.
KANAKANAK	DILLINGHAM	BRISTOL BAY CORP.
KARLUK	KODIAK ISLAND BOROUGH	KONIAG INC.
KASAAN	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
KASHWITNA	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
KASIGLUK	BETHEL	CALISTA CORP.
KASILOF	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
KENAI	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
KENNY LAKE	VALDEZ/CORDOVA	AHTNA INC.
KETCHIKAN	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
KETCHIKAN EAST	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
KETCHIKAN SUBURBAN	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
KEYALUVIK	BETHEL	CALISTA CORP.
KIANA	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
KING COVE	ALEUTIANS EAST	ALEUT CORP.
KING ISLAND	NOME	BERING STRAITS CORP.
KING SALMON	BRISTOL BAY BOROUGH	BRISTOL BAY CORP.
KINGEGAN	NOME	BERING STRAITS CORP.
KIPNUK	BETHEL	CALISTA CORP.
KITOI BAY	KODIAK ISLAND BOROUGH	KONIAG INC.
KIVALINA	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
KIWALIK	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
KLAWOCK	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
KLUCHEVA	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
KLUCHEVA YA	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
KLUKWAN	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
KNIK	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.



LOCATION	CENSUS AREA	NATIVE REGIONAL CORPORATION
KNUDSON COVE	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
KOBUK	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
KODIAK	KODIAK ISLAND BOROUGH	KONIAG INC.
KODIAK NAVAL ST	KODIAK ISLAND BOROUGH	KONIAG INC.
KOKHANOK	LAKE AND PENINSULA	BRISTOL BAY CORP.
KOKRINES	YUKON/KOYUKUK	DOYON LTD.
KOLIGANEK	DILLINGHAM	BRISTOL BAY CORP.
KONGIGANAK	BETHEL	CALISTA CORP.
KOTLIK	WADE HAMPTON	CALISTA CORP.
KOTZEBUE	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
KOYUK	NOME	BERING STRAITS CORP.
KOYUKUK	YUKON/KOYUKUK	DOYON LTD.
KUPREANOF	WRANGELL/PETERSBURG	SEALASKA CORP.
KUSKOKWIM RIVER 1	BETHEL	CALISTA CORP.
KUSKOKWIM RIVER 2	BETHEL	CALISTA CORP.
KUSKOKWIM RIVER 3	YUKON/KOYUKUK	DOYON LTD.
KUZITRINE RIVER	NOME	BERING STRAITS CORP.
KVICHAK	LAKE AND PENINSULA	BRISTOL BAY CORP.
KWETHLUK	BETHEL	CALISTA CORP.
KWIGILLINGOK	BETHEL	CALISTA CORP.
KWIGOK	WADE HAMPTON	CALISTA CORP.
LABOUCHERE BAY	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
LADD AFB	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
LAKE CLARK PASS	LAKE AND PENINSULA	BRISTOL BAY CORP.
LAKE MINCHUMINA	YUKON/KOYUKUK	DOYON LTD.
LARSEN BAY	KODIAK ISLAND BOROUGH	KONIAG INC.
LAZY BAY	KODIAK ISLAND BOROUGH	KONIAG INC.
LAZY MOUNTAIN	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
LEMETA	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
LENA BEACH	JUNEAU BOROUGH	SEALASKA CORP.
LENA COVE	JUNEAU BOROUGH	SEALASKA CORP.
LEVELOCK	LAKE AND PENINSULA	BRISTOL BAY CORP.
LIGNITE	DENALI BOROUGH	DOYON LTD.
LIME VILLAGE	BETHEL	CALISTA CORP.
LITTLE DIOMEDE	NOME	BERING STRAITS CORP.
LITTLE PORT WALTER	SITKA BOROUGH	SEALASKA CORP.
LIVENGOOD	YUKON/KOYUKUK	DOYON LTD.
LONELY	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
LONG ISLAND	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
LORING	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
LOST RIVER	NOME	BERING STRAITS CORP.
LOWER KALSKAG	BETHEL	CALISTA CORP.
LOWER TONSINA	VALDEZ/CORDOVA	AHTNA INC.
LUTAK	HAINES BOROUGH	SEALASKA CORP.
MANLEY HOT SPRINGS	YUKON/KOYUKUK	DOYON LTD.
MANOKOTAK	DILLINGHAM	BRISTOL BAY CORP.
MARSHALL	WADE HAMPTON	CALISTA CORP.
MARYS IGLOO	NOME	BERING STRAITS CORP.
MAY CREEK	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
MCCARTHY	VALDEZ/CORDOVA	AHTNA INC.
MCGRATH	YUKON/KOYUKUK	DOYON LTD.
MCKINLEY PARK	DENALI BOROUGH	DOYON LTD.
MEADOW LAKES	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
MEAKERVILLE	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
MEDFRA	YUKON/KOYUKUK	DOYON LTD.
MEKORYUK	BETHEL	CALISTA CORP.
MENDELTNA LODGE	VALDEZ/CORDOVA	AHTNA INC.
MENTASTA LAKE	VALDEZ/CORDOVA	AHTNA INC.
METLAKATLA	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.

LOCATION	CENSUS AREA	NATIVE REGIONAL CORPORATION
MEYERS CHUCK	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
MILLER HOUSE	YUKON/KOYUKUK	DOYON LTD.
MINTO	YUKON/KOYUKUK	DOYON LTD.
MONTANA	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
MONTANA CRK LODGE	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
MOOSE CREEK	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
MOOSE PASS	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
MOSER BAY	KODIAK ISLAND BOROUGH	KONIAG INC.
MOSES POINT	NOME	BERING STRAITS CORP.
MOUNTAIN POINT	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
MOUNTAIN VIEW	ANCHORAGE BOROUGH	COOK INLET REG CORP.
MOUNTAIN VILLAGE	WADE HAMPTON	CALISTA CORP.
MT DENALI	DENALI BOROUGH	DOYON LTD.
MT EDGECUMBE	SITKA BOROUGH	SEALASKA CORP.
MT MC KINLEY	DENALI BOROUGH	DOYON LTD.
MUMTRAK	BETHEL	CALISTA CORP.
MURPHY DOME	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
NABESNA	VALDEZ/CORDOVA	AHTNA INC.
NAKNEK	BRISTOL BAY BOROUGH	BRISTOL BAY CORP.
NANAKA	ANCHORAGE BOROUGH	COOK INLET REG CORP.
NANWALEK	KENAI PENINSULA BOROUGH	CHUGACH NATIVES INC.
NAPAIMUTE	BETHEL	CALISTA CORP.
NAPAKIAK	BETHEL	CALISTA CORP.
NAPASKIAK	BETHEL	CALISTA CORP.
NAUKATI BAY	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
NEETS BAY	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
NELSON LAGOON	ALEUTIANS EAST	ALEUT CORP.
NENANA	YUKON/KOYUKUK	DOYON LTD.
NEW STUYAHOK	DILLINGHAM	BRISTOL BAY CORP.
NEWHALEN	LAKE AND PENINSULA	BRISTOL BAY CORP.
NEWTOK	BETHEL	CALISTA CORP.
NIGHTMUTE	BETHEL	CALISTA CORP.
NIKISKI	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
NIKOLAEVSK	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
NIKOLAI	YUKON/KOYUKUK	DOYON LTD.
NIKOLSKI	ALEUTIANS WEST	ALEUT CORP.
NINILCHIK	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
NOATAK	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
NOHODKA	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
NOME	NOME	BERING STRAITS CORP.
NONDALTON	LAKE AND PENINSULA	BRISTOL BAY CORP.
NOORVIK	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
NORTH KENAI	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
NORTH POLE	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
NORTH WHALE PASS	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
NORTHEAST CAPE	NOME	BERING STRAITS CORP.
NORTHWAY	SOUTHEAST FAIRBANKS	DOYON LTD.
NORTHWAY JUNCTION	SOUTHEAST FAIRBANKS	DOYON LTD.
NORTHWAY VILLAGE	SOUTHEAST FAIRBANKS	DOYON LTD.
NUIQSUT	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
NULATO	YUKON/KOYUKUK	DOYON LTD.
NUNAKA VALLEY	ANCHORAGE BOROUGH	COOK INLET REG CORP.
NUNAPITCHUK	BETHEL	CALISTA CORP.
NUNIVAK ISLAND	BETHEL	CALISTA CORP.
NUSHAGAK	DILLINGHAM	BRISTOL BAY CORP.
NYAC	BETHEL	CALISTA CORP.
OHGSENAKALE	DILLINGHAM	BRISTOL BAY CORP.
OHOAMIUTE	WADE HAMPTON	CALISTA CORP.
OLD HARBOR	KODIAK ISLAND BOROUGH	KONIAG INC.

LOCATION	CENSUS AREA	NATIVE REGIONAL CORPORATION
OLNES	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
OPHIR	YUKON/KOYUKUK	DOYON LTD.
OSCARVILLE	BETHEL	CALISTA CORP.
OUZINKIE	KODIAK ISLAND BOROUGH	KONIAG INC.
PAIMUTE	WADE HAMPTON	CALISTA CORP.
PALMER	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
PARKS HWY 1	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
PARKS HWY 2	MATANUSKA-SUSITNA BOROUGH	DOYON LTD.
PARKS HWY 3	MATANUSKA-SUSITNA BOROUGH	AHTNA INC.
PARKS HWY 4	DENALI BOROUGH	AHTNA INC.
PARKS HWY 5	DENALI BOROUGH	DOYON LTD.
PARKS HWY 6	YUKON/KOYUKUK	UNKNOWN
PARKS HWY 7	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
PASTOLIK	WADE HAMPTON	CALISTA CORP.
PAULOFF HARBOR	ALEUTIANS EAST	ALEUT CORP.
PAXSON	VALDEZ/CORDOVA	AHTNA INC.
PEDRO BAY	LAKE AND PENINSULA	BRISTOL BAY CORP.
PELICAN	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
PENNOCK ISLAND	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
PERKINSVILLE	NOME	BERING STRAITS CORP.
PERRYVILLE	LAKE AND PENINSULA	BRISTOL BAY CORP.
PETERS CREEK	ANCHORAGE BOROUGH	COOK INLET REG CORP.
PETERSBURG	WRANGELL/PETERSBURG	SEALASKA CORP.
PETERSVILLE	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
PILOT POINT	LAKE AND PENINSULA	BRISTOL BAY CORP.
PILOT STATION	WADE HAMPTON	CALISTA CORP.
PITKA'S POINT	WADE HAMPTON	CALISTA CORP.
PLATINUM	BETHEL	CALISTA CORP.
PLEASANT VALLEY	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
POINT BAKER	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
POINT BARROW	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
POINT HOPE	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
POINT LAY	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
POLK INLET	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
POPE & VANNOY	LAKE AND PENINSULA	BRISTOL BAY CORP.
PORT ALEXANDER	WRANGELL/PETERSBURG	SEALASKA CORP.
PORT ALICE	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
PORT ALSWORTH	LAKE AND PENINSULA	COOK INLET REG CORP.
PORT ARMSTRONG	SITKA BOROUGH	SEALASKA CORP.
PORT ASHTON	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
PORT BAILEY	KODIAK ISLAND BOROUGH	KONIAG INC.
PORT CHILKOOT	HAINES BOROUGH	SEALASKA CORP.
PORT CLARENCE	NOME	BERING STRAITS CORP.
PORT GRAHAM	KENAI PENINSULA BOROUGH	CHUGACH NATIVES INC.
PORT HEIDEN	LAKE AND PENINSULA	BRISTOL BAY CORP.
PORT LIONS	KODIAK ISLAND BOROUGH	KONIAG INC.
PORT MOLLER	ALEUTIANS EAST	ALEUT CORP.
PORT PROTECTION	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
PORT WAKEFIELD	KODIAK ISLAND BOROUGH	KONIAG INC.
PORTAGE	ANCHORAGE BOROUGH	COOK INLET REG CORP.
PORTAGE CREEK	DILLINGHAM	BRISTOL BAY CORP.
PORTLOCK	KENAI PENINSULA BOROUGH	CHUGACH NATIVES INC.
PRINCE OF WALES LOG CP	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
PRIMROSE	KENAI PENINSULA BOROUGH	CHUGACH NATIVES INC.
PRUDHOE BAY	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
QUINHAGAK	BETHEL	CALISTA CORP.
RAMPART	YUKON/KOYUKUK	DOYON LTD.
RED DEVIL	BETHEL	CALISTA CORP.
RED MOUNTAIN	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.

LOCATION	CENSUS AREA	NATIVE REGIONAL CORPORATION
RICHARDSON HWY 1	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
RICHARDSON HWY 2	VALDEZ/CORDOVA	AHTNA INC.
RICHARDSON HWY 3	SOUTHEAST FAIRBANKS	DOYON LTD.
RICHARDSON HWY 4	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
RIDGEWAY	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
ROWAN BAY	WRANGELL/PETERSBURG	SEALASKA CORP.
RUBY	YUKON/KOYUKUK	DOYON LTD.
RUSS MISS KUSK RV	BETHEL	CALISTA CORP.
RUSSIAN MISSION	WADE HAMPTON	CALISTA CORP.
SALAMATOF	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
SALCHA	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
SALCHAKET	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
SANAK	ALEUTIANS EAST	ALEUT CORP.
SAND POINT	ALEUTIANS EAST	ALEUT CORP.
SAVOONGA	NOME	BERING STRAITS CORP.
SAXMAN	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
SAXMAN EAST	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
SCAMMON BAY	WADE HAMPTON	CALISTA CORP.
SCOTTY CREEK	SOUTHEAST FAIRBANKS	DOYON LTD.
SELAWIK	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
SELDOVIA	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
SEVONOSKI	BRISTOL BAY BOROUGH	BRISTOL BAY CORP.
SEWARD	KENAI PENINSULA BOROUGH	CHUGACH NATIVES INC.
SHAGELUK	YUKON/KOYUKUK	DOYON LTD.
SHAKTOOLIK	NOME	BERING STRAITS CORP.
SHELDON POINT	WADE HAMPTON	CALISTA CORP.
SHEMYA AFB	ALEUTIANS WEST	ALEUT CORP.
SHISHMAREF	NOME	BERING STRAITS CORP.
SHUNGNAK	NORTHWEST ARCTIC BOROUGH	NANA REGIONAL CORP.
SILVER TIP	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
SITKA	SITKA BOROUGH	SEALASKA CORP.
SITKA LOGGING CAMP	SITKA BOROUGH	SEALASKA CORP.
SKAGWAY	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
SKWENTNA	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
SLANA	VALDEZ/CORDOVA	AHTNA INC.
SLATERVILLE	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
SLEETMUTE	BETHEL	CALISTA CORP.
SNETTISHAM	JUNEAU BOROUGH	SEALASKA CORP.
SOLDOTNA	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
SOLOMON	NOME	BERING STRAITS CORP.
SOURDOUGH	VALDEZ/CORDOVA	AHTNA INC.
SOUTH NAKNEK	BRISTOL BAY BOROUGH	BRISTOL BAY CORP.
SPARREVOHN	BETHEL	CALISTA CORP.
SPENARD	ANCHORAGE BOROUGH	COOK INLET REG CORP.
SQUAW HARBOR	ALEUTIANS EAST	ALEUT CORP.
ST. GEORGE ISLAND	ALEUTIANS WEST	ALEUT CORP.
ST. JOHN HARBOR	WRANGELL/PETERSBURG	SEALASKA CORP.
ST. LAWRENCE IS.	NOME	BERING STRAITS CORP.
ST. MARY'S	WADE HAMPTON	CALISTA CORP.
ST. MICHAEL	NOME	BERING STRAITS CORP.
ST. PAUL ISLAND	ALEUTIANS WEST	ALEUT CORP.
STEBBINS	NOME	BERING STRAITS CORP.
STEESE HWY 1	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
STEESE HWY 2	YUKON/KOYUKUK	DOYON LTD.
STERLING	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
STEVENS VILLAGE	YUKON/KOYUKUK	DOYON LTD.
STONY RIVER	BETHEL	CALISTA CORP.
SUMMIT	MATANUSKA-SUSITNA BOROUGH	AHTNA INC.
SUNRISE VILLAGE	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.

LOCATION	CENSUS AREA	NATIVE REGIONAL CORPORATION
SUNSHINE	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
SUNTRANA	DENALI BOROUGH	DOYON LTD.
SUSITNA	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
SUTTON	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
TAKOTNA	YUKON/KOYUKUK	DOYON LTD.
TAKU HARBOR	JUNEAU BOROUGH	SEALASKA CORP.
TALKEETNA	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
TANACROSS	SOUTHEAST FAIRBANKS	DOYON LTD.
TANANA	YUKON/KOYUKUK	DOYON LTD.
TANUNAK	BETHEL	CALISTA CORP.
TATALINA AFS	YUKON/KOYUKUK	DOYON LTD.
TATITLEK	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
TAYLOR HWY	SOUTHEAST FAIRBANKS	DOYON LTD.
TAZLINA	VALDEZ/CORDOVA	AHTNA INC.
TEE HARBOR	JUNEAU BOROUGH	SEALASKA CORP.
TELIDA	YUKON/KOYUKUK	DOYON LTD.
TELLER	NOME	BERING STRAITS CORP.
TELLER MISSION	NOME	BERING STRAITS CORP.
TENAKEE SPRINGS	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
TETLIN	SOUTHEAST FAIRBANKS	DOYON LTD.
THOMAS BASIN	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
THORNE BAY	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
TIKILUK	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
TIN CITY AFS	NOME	BERING STRAITS CORP.
TOGIAK	DILLINGHAM	BRISTOL BAY CORP.
TOK JUNCTION	SOUTHEAST FAIRBANKS	DOYON LTD.
TOKEEN	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
TOKSOOK BAY	BETHEL	CALISTA CORP.
TONSINA	VALDEZ/CORDOVA	AHTNA INC.
TRAPPER CREEK	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
TULUKSAK	BETHEL	CALISTA CORP.
TUNTUTULIAK	BETHEL	CALISTA CORP.
TUSTUMENA	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
TUXEKAN	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
TWELVE MILE ARM	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
TWIN HILLS	DILLINGHAM	BRISTOL BAY CORP.
TWO RIVERS	FAIRBANKS NORTH STAR BOROUGH	DOYON LTD.
TYONEK	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
UGANIK BAY	KODIAK ISLAND BOROUGH	KONIAG INC.
UGASHIK	LAKE AND PENINSULA	BRISTOL BAY CORP.
UKIVOK	NOME	BERING STRAITS CORP.
UMIAT	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
UMKUMUTE	BETHEL	CALISTA CORP.
UNALAKLEET	NOME	BERING STRAITS CORP.
UNALASKA	ALEUTIANS WEST	ALEUT CORP.
UNGA	ALEUTIANS EAST	ALEUT CORP.
UPPER KALSKAG	BETHEL	CALISTA CORP.
USIBELLI	DENALI BOROUGH	DOYON LTD.
UYAK	KODIAK ISLAND BOROUGH	KONIAG INC.
VALDEZ	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
VENETIE	YUKON/KOYUKUK	DOYON LTD.
WACKER	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
WAINWRIGHT	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.
WALES	NOME	BERING STRAITS CORP.
WARD COVE	KETCHIKAN GATEWAY BOROUGH	SEALASKA CORP.
WASILLA	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
WATERFALL	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
WEST POINT	KODIAK ISLAND BOROUGH	KONIAG INC.
WEVOK	NORTH SLOPE BOROUGH	ARCTIC SLOPE CORP.

LOCATION	CENSUS AREA	NATIVE REGIONAL CORPORATION
WHALE PASS	PRINCE OF WALES/OUTER KETCHIKAN	SEALASKA CORP.
WHITE MOUNTAIN	NOME	BERING STRAITS CORP.
WHITESTONE LOGGING	ANGOON/HOONAH/SKAGWAY	SEALASKA CORP.
WHITTIER	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
WILDWOOD AFS	KENAI PENINSULA BOROUGH	COOK INLET REG CORP.
WILLOW	MATANUSKA-SUSITNA BOROUGH	COOK INLET REG CORP.
WISEMAN	YUKON/KOYUKUK	DOYON LTD.
WOMENS BAY	KODIAK ISLAND BOROUGH	KONIAG INC.
WOODY ISLAND	KODIAK ISLAND BOROUGH	KONIAG INC.
WRANGELL	WRANGELL/PETERSBURG	SEALASKA CORP.
YAKATAGA	VALDEZ/CORDOVA	CHUGACH NATIVES INC.
YAKUTAT	YAKUTAT	SEALASKA CORP.
YUKON RIVER BRIDGE	YUKON/KOYUKUK	DOYON LTD.
YUKON RIVER 1	WADE HAMPTON	CALISTA CORP.
YUKON RIVER 2	YUKON/KOYUKUK	DOYON LTD.
YUKON RIVER 3	YUKON/KOYUKUK	DOYON LTD.
YUKON RIVER 4	YUKON/KOYUKUK	DOYON LTD.
YUKON RIVER 5	SOUTHEAST FAIRBANKS	DOYON LTD.
ZACHER BAY	KODIAK ISLAND BOROUGH	KONIAG INC.
ZAREMBO ISLAND	WRANGELL/PETERSBURG	SEALASKA CORP.



# APPENDIX I: POPULATION OVERVIEW

## ALASKA'S POPULATION

Population estimates used in this report are provided by the Alaska Department of Labor, Research and Analysis Section, Demographics Unit.

In February 1999, the Department of Labor revised population estimates back to 1991. Changes in estimates affect rates which are based on population. Revised estimates for 1997 through 1999 are also included in this appendix.

**TABLE I.1 ESTIMATED POPULATION OF ALASKA BY AGE, SEX AND RACE, JULY 1999**

AGE GROUP	ALL RACES			WHITE			NATIVE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
00-04	51,111	26,288	24,823	34,463	17,670	16,793	11,453	5,951	5,502
05-09	55,574	28,287	27,287	36,816	18,820	17,996	13,098	6,628	6,470
10-14	56,006	28,818	27,188	38,840	20,105	18,735	12,167	6,231	5,936
15-19	48,793	25,323	23,470	33,907	17,620	16,287	10,336	5,271	5,065
20-24	35,299	17,957	17,342	22,743	11,128	11,615	7,883	4,100	3,783
25-29	36,868	19,440	17,428	24,320	12,393	11,927	6,708	3,511	3,197
30-34	47,652	25,771	21,881	35,124	19,102	16,022	6,951	3,611	3,340
35-39	58,395	30,660	27,735	45,798	24,432	21,366	7,699	3,745	3,954
40-44	60,728	31,137	29,591	48,508	25,310	23,198	7,257	3,425	3,832
45-49	54,050	28,734	25,316	44,066	23,707	20,359	5,902	2,972	2,930
50-54	40,446	21,973	18,473	33,750	18,709	15,041	4,049	1,919	2,130
55-59	26,447	14,220	12,227	21,746	12,011	9,735	3,121	1,434	1,687
60-64	16,990	9,110	7,880	13,268	7,400	5,868	2,543	1,231	1,312
65-69	12,077	6,056	6,021	8,976	4,729	4,247	2,101	967	1,134
70-74	9,426	4,669	4,757	7,251	3,752	3,499	1,355	587	768
75-79	6,571	3,004	3,567	4,918	2,345	2,573	1,062	451	611
80-84	3,448	1,418	2,030	2,687	1,147	1,540	559	204	355
85+	2,119	821	1,298	1,481	556	925	501	181	320
TOTAL	622,000	323,686	298,314	458,662	240,936	217,726	104,745	52,419	52,326



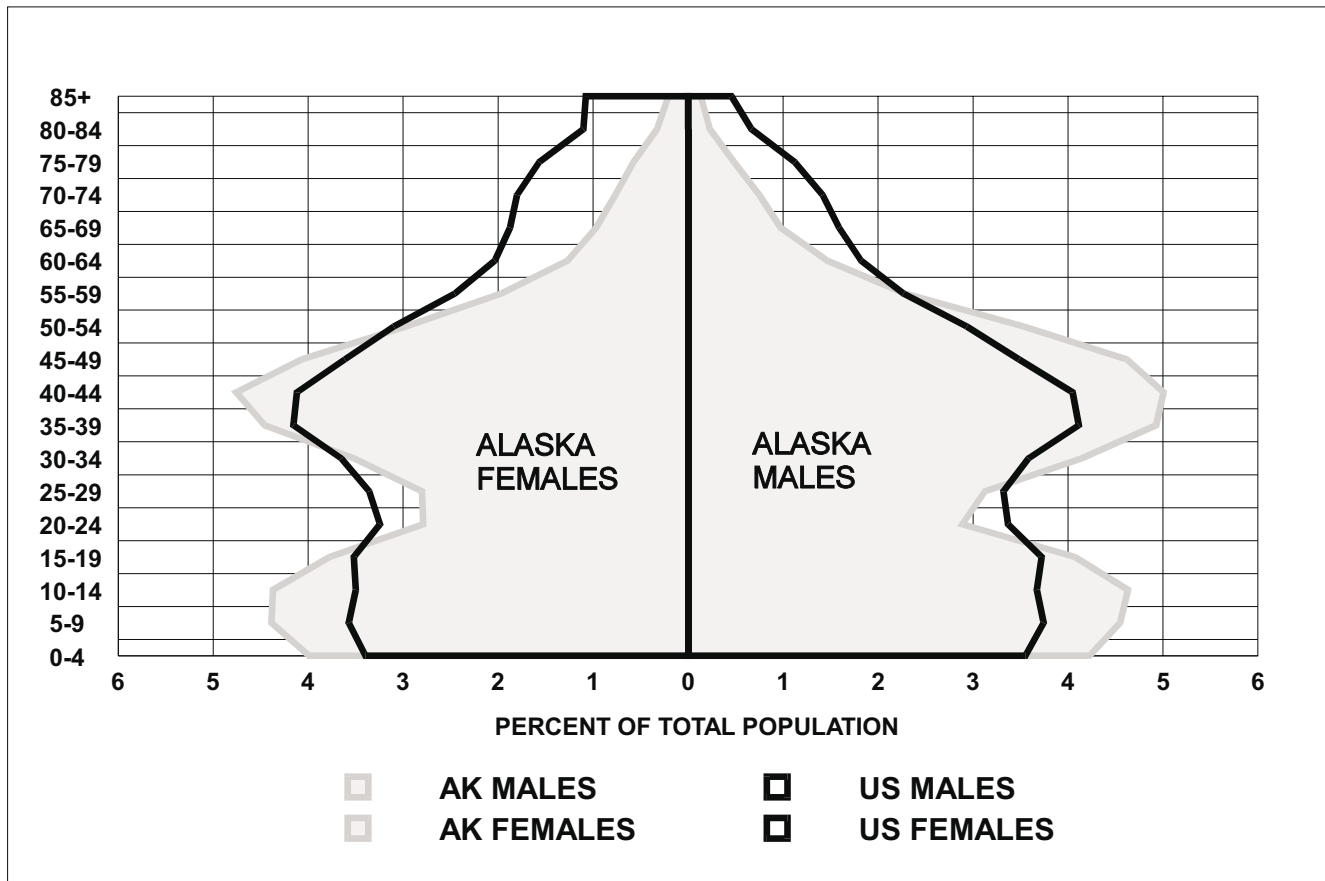
TABLE I.2 ESTIMATED POPULATION OF ALASKA BY AGE, SEX AND RACE, JULY 1998

AGE GROUP	ALL RACES			WHITE			NATIVE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
00-04	51,876	26,467	25,409	35,066	17,856	17,210	11,554	5,941	5,613
05-09	56,847	29,124	27,723	37,892	19,529	18,363	13,301	6,760	6,541
10-14	54,905	28,149	26,756	38,205	19,660	18,545	11,865	6,070	5,795
15-19	47,633	24,867	22,766	33,292	17,369	15,923	9,899	5,075	4,824
20-24	34,181	17,242	16,939	21,921	10,611	11,310	7,634	3,947	3,687
25-29	39,380	21,243	18,137	26,679	14,077	12,602	6,605	3,451	3,154
30-34	49,064	26,309	22,755	36,351	19,646	16,705	7,404	3,839	3,565
35-39	59,803	31,144	28,659	47,221	25,008	22,213	7,656	3,655	4,001
40-44	60,515	31,213	29,302	48,519	25,408	23,111	7,123	3,431	3,692
45-49	52,315	27,939	24,376	42,856	23,165	19,691	5,613	2,834	2,779
50-54	37,298	20,288	17,010	31,103	17,293	13,810	3,819	1,792	2,027
55-59	24,904	13,348	11,556	20,417	11,256	9,161	3,001	1,372	1,629
60-64	16,073	8,555	7,518	12,391	6,874	5,517	2,553	1,235	1,318
65-69	11,808	5,951	5,857	8,875	4,683	4,192	1,961	900	1,061
70-74	9,113	4,453	4,660	6,950	3,518	3,432	1,364	613	751
75-79	6,202	2,822	3,380	4,669	2,227	2,442	999	410	589
80-84	3,238	1,347	1,891	2,544	1,098	1,446	531	189	342
85+	1,927	723	1,204	1,320	459	861	479	188	291
TOTAL	617,082	321,184	295,898	456,271	239,737	216,534	103,361	51,702	51,659

TABLE I.3 ESTIMATED POPULATION OF ALASKA BY AGE, SEX AND RACE, JULY 1997

AGE GROUP	ALL RACES			WHITE			NATIVE		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
00-04	51,970	26,478	25,492	34,904	17,698	17,206	11,764	6,061	5,703
05-09	57,185	29,242	27,943	38,465	19,808	18,657	13,270	6,709	6,561
10-14	54,375	27,884	26,491	38,071	19,590	18,481	11,586	5,921	5,665
15-19	45,790	23,913	21,877	32,235	16,798	15,437	9,355	4,814	4,541
20-24	33,330	16,807	16,523	21,449	10,394	11,055	7,459	3,853	3,606
25-29	41,078	22,457	18,621	28,507	15,335	13,172	6,489	3,391	3,098
30-34	51,509	27,399	24,110	38,630	20,738	17,892	7,793	4,017	3,776
35-39	60,363	31,247	29,116	47,915	25,223	22,692	7,598	3,575	4,023
40-44	59,804	31,002	28,802	48,178	25,311	22,867	6,917	3,388	3,529
45-49	49,967	26,803	23,164	41,153	22,347	18,806	5,262	2,653	2,609
50-54	35,215	19,121	16,094	29,453	16,369	13,084	3,630	1,689	1,941
55-59	22,684	12,195	10,489	18,400	10,150	8,250	2,923	1,377	1,546
60-64	15,351	8,128	7,223	11,727	6,498	5,229	2,541	1,221	1,320
65-69	11,583	5,821	5,762	8,788	4,597	4,191	1,875	860	1,015
70-74	8,814	4,301	4,513	6,651	3,361	3,290	1,395	638	757
75-79	5,797	2,641	3,156	4,445	2,126	2,319	905	359	546
80-84	3,004	1,239	1,765	2,311	986	1,325	537	192	345
85+	1,836	680	1,156	1,265	421	844	452	187	265
TOTAL	609,655	317,358	292,297	452,547	237,750	214,797	101,751	50,905	50,846

**FIGURE I.1 POPULATION DISTRIBUTION BY AGE GROUP AND SEX, ALASKA<sup>1</sup> AND THE U.S.<sup>2</sup>: 1999**



<sup>1</sup> Alaska 1999 population estimates provided by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

<sup>2</sup> U.S. Bureau of Census. July 1, 1999 population estimates.