

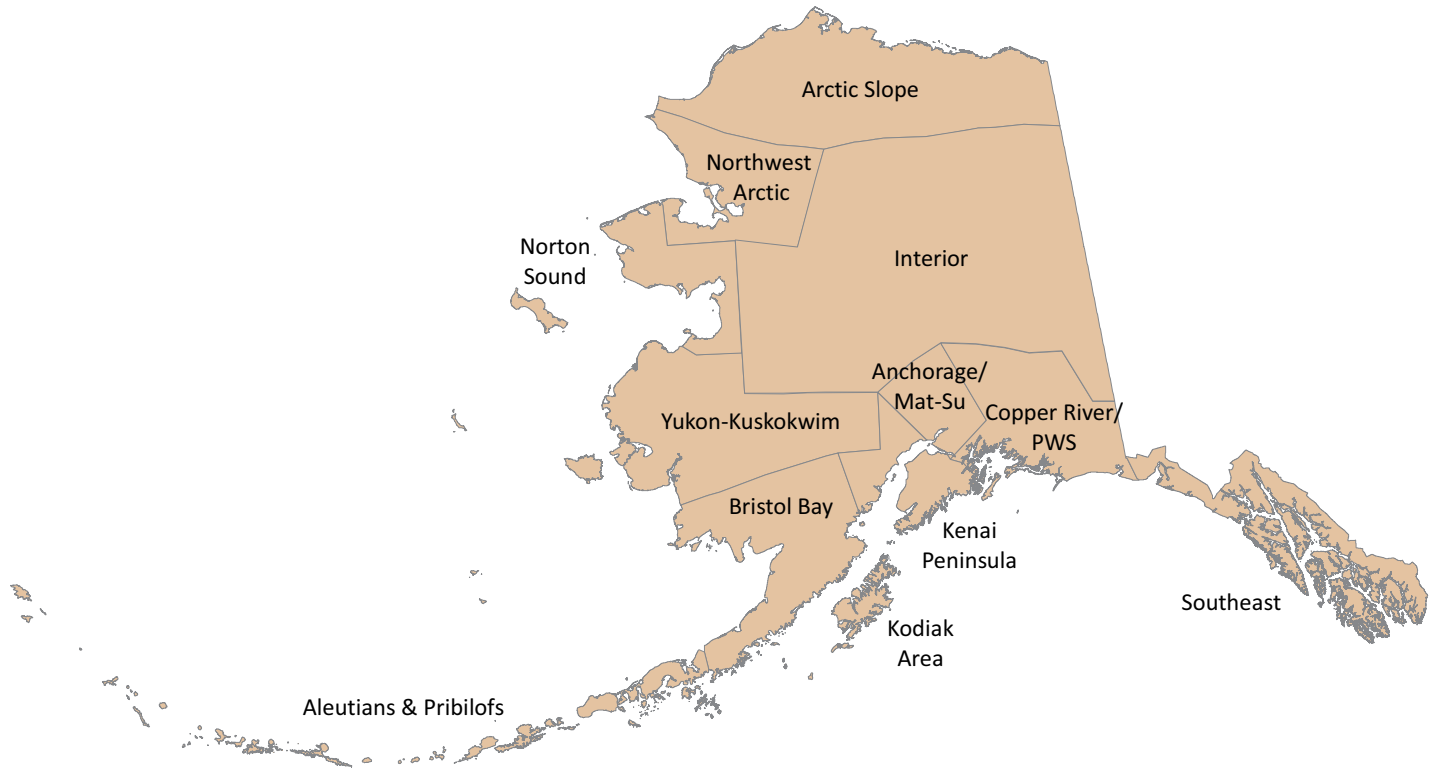




Appendices



Tribal Health Regions



Tribal Health Regions

Tribal Health Region	Title I and V Tribal Health Organizations in Region	Census Area/Borough included in Region	Exceptions to Census Areas/Boroughs	
			Villages Added	Villages Removed
Aleutians and Pribilofs	Aleutian Pribilof Islands Association (APIA), Eastern Aleutian Tribes Inc., St. George Traditional Council	Aleutians East Borough, Aleutians West Census Area		
Anchorage/Mat-Su	Southcentral Foundation (SCF), Chickaloon Village, Native Village of Eklutna, Knik Tribal Council	Anchorage Municipality, Matanuska-Susitna Borough		
Arctic Slope	Arctic Slope Native Association (ASNA), Ukpeagvik Inupiat Corporation	North Slope Borough		Point Hope (Northwest Arctic), Anaktuvak Pass (Interior)
Bristol Bay	Bristol Bay Area Health Corporation (BBAHC)	Dillingham Census Area, Lake and Peninsula Borough, Bristol Bay Borough	Goodnews Bay, Platinum	
Copper River/Prince William Sound	Chugachmiut Inc.(part)*, Chitina Traditional Council, Copper River Native Association (CRNA), Mt. Sanford Tribal Consortium, Valdez Native Tribe	Chugach Census Area, Copper River Census Area	Cantwell	
Interior	Tanana Chiefs Conference (TCC), Council of Athabascan Tribal Governments, Fairbanks Native Assoc., Tanana IRA Native Council	Denali Borough, Fairbanks North Star Borough, Southeast Fairbanks Census Area, Yukon-Koyukuk Census Area	Anaktuvak Pass	Cantwell (Copper River/Prince William Sound); Grayling, Anvik Shageluk, Holy Cross (Yukon-Kuskokwim)
Kenai Peninsula	Chugachmiut (part)*, Kenaitze Indian Tribe IRA, Ninilchik Traditional Council, Seldovia Village Tribe	Kenai Peninsula Borough		
Kodiak Area	Kodiak Area Native Association (KANA), Native Village of Karluk	Kodiak Island Borough		
Northwest Arctic	Maniilaq Association	Northwest Arctic Borough	Point Hope	
Norton Sound	Norton Sound Health Corporation (NSHC), Native Village of Diomedea	Nome Census Area		
Southeast	Southeast Alaska Regional Health Corporation (SEARHC), Hoonah Indian Association, Ketchikan Indian Corporation, Metlakatla Indian Community, Yakutat Tlingit Tribe	Yakutat City & Borough, Skagway Municipality, Hoonah-Angoon Census Area, Haines Borough, Juneau City & Borough, Sitka City & Borough, Wrangell City & Borough, Petersburg Borough, Prince of Wales-Hyder Census Area, Ketchikan Gateway Borough		
Yukon-Kuskokwim	Akiachak Native Community, Native Village of Quinhagak, Yukon-Kuskokwim Health Corporation (YKHC)	Bethel Census Area, Kusilvak Census Area	Grayling, Anvik, Shageluk, Holy Cross	Goodnews Bay, Platinum (Bristol Bay)

* Chugachmiut is separated into 2 regions: Chenega Bay, Tatitlek, Valdez, and Cordova are included in Copper River/Prince William Sound; Port Graham, Nanwalek, and Seward are included in Kenai Peninsula.

Methods - General Notes

Confidentiality

In order to protect individuals from potentially being identified, data from populations with small sample size are either: 1) aggregated over a region or a larger area; 2) aggregated over time periods; or 3) both. For some indicators, data is not shown if the number of cases or the sample size is not large enough. Maps, tables, and regional profiles display an indicator if data is being suppressed.

Statistical Significance

Throughout the document, differences are considered statistically significant at the 95% confidence level ($p < 0.05$). Differences between rates or between percentages are considered significantly different if the 95% confidence intervals do not overlap. Rate ratios are considered statistically significant if the 95% confidence interval of the rate ratio did not contain 1. Differences that are statistically significant are noted as such in the summary text for each health topic. If it is not indicated that a difference is significant then it does not meet the threshold to be considered statistically significant. It is difficult to find statistically significant differences when analyzing small sample sizes and populations, and caution is advised when attempting to draw conclusions from data with wide confidence intervals and/or high relative standard error. Sample sizes (n) and confidence intervals are included with these data where possible.

Historic Data

In addition to reporting the most recently available data, this document shows data that were previously accessed, analyzed and detailed in prior years. This report did not reanalyze data from prior time periods or editions of this report; thus data for preceding years may not reflect more recent analyses that have occurred between then and now.

Small Numbers

The effect of small numbers should be kept in mind when looking at rates based on a small number of occurrences of a disease or health related event. Rates calculated based on small numbers due to events being rare, or because the population is small, are often unstable. When comparing rates over time, the rates may fluctuate up and down more compared to larger populations.

Rounding

Calculations for percentages are rounded to one decimal place, where the data source allowed. As a result, total percentages may not add up to 100.0%.

Race/Ethnicity

Throughout the document “Alaska Native” generally refers to Alaska Native or American Indian people residing in Alaska. Depending on the data source, this may include those who identify as Alaska Native/ American Indian alone, or in combination with one or more other race groups. Details on race definitions are provided under the specific data sources below, where applicable.

Data Sources

Alaska Department of Labor and Workforce Development

The Alaska Department of Labor and Workforce Development (ADOLWD), Research and Analysis Section produces statistics about a range of economic data including population and Census, housing, occupations, industries, and workforce. The ADOLWD produced the population estimates used in this report. These population estimates use the 2010 decennial census data as a baseline and adjusts the numbers yearly based upon administrative records including Permanent Fund applications, military and group quarters data, and U.S. Census Bureau data. Alaska Native people are classified as those reporting Alaska Native alone or in combination with one or more race.

Alaska Division of Public Health, Alaska Birth Defects Registry

The Alaska Birth Defects Registry (ABDR) collects information on the occurrence and distribution of congenital birth defects that are listed as reportable conditions to public health in Alaska. The ABDR conducts a modified passive surveillance system and relies on reporting by major hospitals, specialty clinics, and medical records aggregators. Data was provided and analyzed by the ABDR. Reports that could not be matched to an Alaskan birth certificate were excluded from analysis. The analysis includes children who have at least one of the 45 congenital anomalies that are collected by the National Birth Defects Prevention Network as well as unconfirmed birth defects detected through the passive report system. Alcohol-related birth defects are not included. Year is determined by the year of birth. ABDR's inclusion criteria, classifications of race, and methods of data collection and analysis have changed over time, so caution is advised when comparing data over periods of time.

Alaska Division of Public Health, Alaska Childhood Understanding Behaviors Survey (CUBS)

The Alaska Childhood Understanding Behaviors Survey (CUBS) is designed to find out about the health, behaviors, and early childhood experiences of young children in Alaska before they enter school. CUBS is a three-year follow-up survey to the Alaska Pregnancy Risk Assessment Monitoring System

(PRAMS). CUBS data are representative of mothers of 3-year-old children born in Alaska. The Alaska CUBS Program conducted data analysis and provided aggregated data to the Alaska Native Epidemiology Center. CUBS estimates are statistically weighted to represent the total population of 3-year-old children who were born in Alaska. "Alaska Native" refers to Alaska Native and American Indian people who reside in Alaska. Race classifications are based on the maternal race listed on the child's birth certificate and includes any mention of Alaska Native, including individuals who list multiple races. "White" refers to children with a maternal race listed as White only on the birth certificate.

Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

The Alaska Health Analytics and Vital Records Section (formerly the Alaska Bureau of Vital Statistics) provided data from birth and death events that occurred in Alaska. The Alaska Native Epidemiology Center analyzed the data.

The mortality data for Alaska range from 1984 to 2019, depending on the health indicator. Number of deaths and rates are provided for Alaska Native/American Indian people and non-Native Alaskan residents. Alaska Native people are classified as those identified on the death certificate as being Alaska Native and/or American Indian (alone or in combination with another race). Data were aggregated into 4 year periods due to small numbers. Bridged race population estimates from the National Center for Health Statistics were used as the denominator to calculate the mortality rates. Bridged estimates are necessary to adjust for the introduction of multiple race selection in the Census starting in 2000. Rates were age-adjusted to the 2000 U.S. standard population.

The birth data are based upon data reported on birth certificates to the State of Alaska. Infant race is based on the race of the mother. Alaska Native infants are infants born to an Alaska Native mother. White infants are infants born to a white mother. Rates were calculated for tribal health regions and causes that had at least five events (births or deaths) during the designated time period. Data are suppressed if there were less than 5 cases. Rates based on fewer than 20 cases are not statistically

Data Sources

reliable and should be used with caution. Events were assigned to the region in which the person was resident, regardless of place of occurrence. All analyses were restricted to births and deaths of Alaska residents.

Alaska Division of Public Health, Alaska Oral Health Assessment

The Alaska Oral Health Assessment is undertaken with kindergarten, Head Start, and third grade children from a sample of Alaska sites for oral health disease surveillance. The assessment evaluates dental decay, untreated decay, caries experience, and dental sealants. The assessment consists of two parts: a questionnaire/consent for parents/guardians; and a school-based clinical assessment conducted by dentists. Included in this report are assessment data from the 2004-2005, 2007, and 2010-2011 school years. The 2010-2011 data is the most recently available at the time of this report.

Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

The Behavioral Risk Factor Surveillance System (BRFSS) is a collaborative project of the Centers for Disease Control and Prevention (CDC) and U.S. states and territories. The BRFSS is an ongoing data collection program designed to measure behavioral risk factors for the adult population (18 years of age and older) living in households. Alaska began participating in the BRFSS in 1991.

The BRFSS is a standardized telephone interview designed to collect uniform state-specific data on health status and perceptions, preventive health practices, and risky behaviors that are linked to chronic diseases, injuries, and preventable infectious diseases. The core questions are asked every year and rotating core questions are asked in alternating years by all states. Additionally, there are optional CDC modules that states may or may not choose to include, and states may add questions of their own. In addition to the Standard Alaska BRFSS, a Supplemental Alaska BRFSS survey was conducted from 2007-2020. This Supplemental BRFSS survey is conducted using identical methodology as the Standard BRFSS but with a greater emphasis on tobacco-related questions. Some questions are on both surveys which allows for a much larger sample

size. Data from both the Standard and Supplemental Alaska BRFSS surveys are used for select measures in this report.

The health characteristics estimated from the BRFSS pertain to the adult population, aged 18 years or older, who live in households. Individuals living in military barracks, dormitories, nursing homes, and other group-living situations are excluded. Apart from that exclusion, each state's sample is designed to be representative of the state's population. In order to achieve a representative sample, the State of Alaska oversamples rural regions. Oversampling of rural regions helps to get a more representative sample of Alaska Native people, since there are more Alaska Native people living in rural Alaska.

Since 2011, BRFSS conducts both landline telephone and cellular telephone based surveys. In conducting the BRFSS landline telephone survey, data are collected from a randomly selected adult in a household. In conducting the cellular telephone version of the BRFSS survey, data are collected from an adult who participates by using a cellular telephone.

The analyses of Behavioral Risk Factor Surveillance System accounts for the fact that not every adult resident of the state has an equal chance of being contacted for an interview. A probability is assigned to each respondent which reflects their likelihood of being contacted. In addition, each person interviewed is treated as a representative for other, similar persons. The probability factor and assumption of representation are used to calculate a statistical weighting factor to be used in analyses to draw inferences about the overall population.

Alaska Native people are classified as those having any mention of Alaska Native and/or American Indian in their survey. Readers should use these estimates with caution since the number of respondents who are Alaska Native from each region is relatively small. In order for data to be presented, a minimum of 5 people must report the particular behavior of interest and there must be at least 50 people included in the sample size for a given question. Within the regional and statewide data, multiple years are combined to achieve a meaningful sample size where possible. Caution is advised when attempting to draw conclusions from data with wide confidence intervals. All BRFSS data was obtained via AK-IBIS, an online

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tool for accessing data from the Alaska Division of Public Health. AK-IBIS has been unavailable since May 2021 due to a cyber-attack.

Alaska Division of Public Health, HIV/STD Program

The HIV/STD Program addresses public health issues and activities with the goal of preventing sexually transmitted diseases including HIV infection and their impact on health in Alaska. The data presented in this report on chlamydia and gonorrhea were provided by the HIV/STD Program and analyzed by the HIV/STD Program and the Alaska Native Epidemiology Center. Alaska Native people are classified as those having any mention of Alaska Native and/or American Indian in their records. Cases of chlamydia and gonorrhea with unknown or multi-race were excluded from analysis.

Alaska Division of Public Health, Pregnancy Risk Assessment Monitoring System

The Alaska Pregnancy Risk Assessment Monitoring System (PRAMS) is a survey of mothers of newborn infants developed by the Centers for Disease Control and Prevention Division of Reproductive Health to collect information on the health risk behaviors and circumstances of pregnant and postpartum women. PRAMS is a population-based complex sample survey. Percentages noted are weighted to reflect the population of women who delivered a live born infant in Alaska during the year specified. It was initiated in the state of Alaska in 1990 by the State of Alaska Division of Public Health's Section of Maternal, Child, and Family Health. The survey is administered by mail with a telephone follow-up. PRAMS has a core set of questions that each participating state asks, and a limited number of state-specific questions. Topics covered include family planning, prenatal care, use of tobacco, alcohol, and drugs, participation in the Women, Infants, and Children's (WIC) nutrition program and Medicaid, payment for care, family income, breast-feeding, physical abuse, and life stressors such as illness, job loss, debt, divorce, plus other topics.

Sampled participants must be Alaska residents who have delivered a live birth in state. The surveys are administered two to six months after the date of birth. Mothers of infants that die are included and grief letters are mailed out to the mothers in these

situations. If births are multiple, only one infant is randomly selected. Pending adoptions are also included as long as the biological mother is included on the birth record.

Since PRAMS data are self-reported, reporting bias is possible. Data are not routinely collected on abortions or still births thus data do not represent all women who become pregnant during a given time period, only those who delivered a live, viable infant. Recall bias may be possible since women are asked to remember events or behaviors up to 12 months before they got pregnant. Alaska's survey response rates are favorable.

Alaska PRAMS data was provided and analyzed by the Alaska Division of Public Health, Section of Women's, Children's & Family Health, Maternal & Child Health Epidemiology Unit.

Alaska Division of Public Health, Youth Risk Behavior Surveillance System

The Youth Risk Behavior Surveillance System (YRBSS) was developed in 1990 by the Centers for Disease Control and Prevention, and first implemented in Alaska in 1995. The YRBSS monitors the prevalence of behaviors that put youth at risk for the most significant health and social problems in order to assist in prevention and intervention planning and evaluation. This is a school-based survey of high school students in grades 9-12, administered in cooperation with the Department of Education and Early Development and the Department of Health and Social Services. Alaska Native youth are classified as those having any mention of Alaska Native and/or American Indian in their survey.

Due to methodological limitations, YRBS data is not shown for Tribal health regions in this report. In order for data to be presented, to protect participants' privacy, and to ensure high data quality, a minimum of 5 people must report the particular behavior of interest and there must be at least 100 people included in the sample size for a given question. The statewide estimates are based on a statewide sample of completed surveys and can only be generalized to traditional high school students in grades 9 through 12. Students who were enrolled in English as a Second Language classes, special education classes, alternative schools, correspondence schools, group home schools, and correctional schools are not

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represented. Also, youth who dropped out of school are not included. YRBS is based on self-report of behaviors, so self-report or recall bias may exist. All YRBS data was obtained in aggregate via AK-IBIS and Alaska YRBS data-dashboards, which are online tools for accessing data from the Alaska Division of Public Health. AK-IBIS has been unavailable since May 2021 due to a cyber-attack.

Finally, the YRBS survey answers the what, where, and when about self-reported behaviors, but cannot answer the why and how of the behaviors.

Alaska Native Medical Center Diabetes Registry

The Alaska Native Medical Center's Diabetes Registry provided the diabetes data aggregated by Indian Health Service Units. The Alaska Area Diabetes Registry is a clinical and epidemiologic resource for tribal health care facilities throughout Alaska. The registry tracks patients diagnosed with diabetes and works to ensure that their care meets national standards. Patients include Alaska Native and/or American Indian people who use Indian Health Services or tribal health facilities.

Alaska Native Tribal Health Consortium, Alaska Native Tumor Registry

The Alaska Native Tumor Registry (ANTR) is a collection of complete cancer incidence data since 1969 for all cancers diagnosed among Alaska Native/American Indian people living in Alaska at the time of death. The ANTR is a participant in the National Cancer Institute's, Surveillance Epidemiology and End Results (SEER) Program. The registry includes Alaska Native/American Indian people living in Alaska at the time of diagnosis who met eligibility requirements for Indian Health Service benefits.

Centers for Disease Control and Prevention, National Immunization Surveys

The National Immunization Surveys (NIS) are a group of telephone surveys conducted by the CDC's National Center for Immunization and Respiratory Diseases. The data used in this report comes from three surveys: the National Immunization Survey among children age 19-35 months, the National Immunization Survey-Teen (NIS-Teen) for adolescents age 13-17 years, and the National Immunization Survey-Child Influenza Module for children 6-18

months and 3-12 years who were not included in the NIS or NIS-Teen. The National Immunization Survey-Flu combines the flu vaccination data from the three surveys to assess annual flu vaccination coverage among children 6 months-17 years. Estimates are based on parent or guardian reported data and data from vaccination providers. Parents or guardians reported the race and ethnicity of the children.

Centers for Disease Control and Prevention, Water Fluoridation Reporting System

The Water Fluoridation Reporting System (WFRS) compiles data for monitoring access to and evaluating the quality of water fluoridation programs at the state and water system levels. WFRS data have been summarized every two years since 2000. Each state drinking water program has its own methodology for estimating water system service populations. A community water system is designated by the state drinking water administrator in accordance with the regulatory requirements of the U.S. Environmental Protection Agency. The data presented in the report show the population served by community water systems with any level of fluoridated water, but not necessarily at the optimal level.

Indian Health Service, National Immunization Reporting System

The National Immunization Reporting System is a web-based reporting tool to collect quarterly immunization data from each tribal health facility. Reports are collected each quarter for 3-27 month old children, 2 year olds, adolescents and adults. In addition, data is reported for influenza and healthcare personnel. Data are for Alaska Native/American Indian beneficiaries only. Immunization data used in the report are for the end of each fiscal year's quarter 1 ending December 31. The exception to this is for seasonal influenza, where the end of each fiscal year's quarter 2, ending March 31, is used.

Data Sources

Indian Health Service, Sanitation Tracking and Reporting System (STARS)

The Indian Health Service's (IHS) Sanitation Tracking and Reporting System (STARS) is a comprehensive online tracking and reporting system for the IHS Division of Sanitation Facilities Construction (DSFC). DSFC administers the program responsible for the delivery of environmental engineering services and sanitation facilities to American Indian and Alaska Native people. STARS includes basic information about existing and needed sanitation facilities related to homes in American Indian and Alaska Native communities, as well as water, wastewater, and solid waste systems and the organizations that operate systems, among other information.

National Cancer Institute, Surveillance Epidemiology and End Results Program

The Surveillance Epidemiology and End Results Program (SEER) is part of the National Cancer Institute. The SEER Program collects information on the incidence, survival, and prevalence of cancer, as well as the survival of persons with cancer. In addition, the SEER Program collects standard population data, U.S. mortality data, and U.S. population data.

U.S. Census Bureau

The U.S. Census Bureau is responsible for providing data about the nation's people and economy. The U.S. Decennial Census counts every resident in the United States and takes place every ten years. The American Community Survey (ACS) provides information about the population including jobs, occupations, education, housing, and other topics. The ACS is conducted on a sample of U.S. residents each month. The data in this report use the ACS 5-Year estimates due to small sample size. The Current Population Survey is used to collect data on employment, labor force, earnings, and education. The data used in this report were obtained from data.census.gov, an online tool for accessing data from the U.S. Census Bureau.

Data Tables

Table C-1: Population Estimates by Age Group and Gender, Alaska Native People, 2020

Data Sources: Alaska Department of Labor and Workforce Development, Research and Analysis Section

Year	Male		Female		Total	
	n	%	n	%	n	%
0-4	7,097	4.8%	6,551	4.4%	13,648	9.2%
5-9	7,761	5.2%	7,393	5.0%	15,154	10.2%
10-14	7,448	5.0%	6,921	4.7%	14,369	9.7%
15-19	6,546	4.4%	6,054	4.1%	12,600	8.5%
20-24	5,622	3.8%	5,333	3.6%	10,955	7.4%
25-29	5,711	3.9%	5,612	3.8%	11,323	7.6%
30-34	5,621	3.8%	5,727	3.9%	11,348	7.7%
35-39	4,866	3.3%	4,903	3.3%	9,769	6.6%
40-44	3,909	2.6%	3,910	2.6%	7,819	5.3%
45-49	3,422	2.3%	3,435	2.3%	6,857	4.6%
50-54	3,369	2.3%	3,506	2.4%	6,875	4.6%
55-59	3,775	2.5%	3,955	2.7%	7,730	5.2%
60-64	3,219	2.2%	3,636	2.5%	6,855	4.6%
65-69	2,495	1.7%	2,739	1.8%	5,234	3.5%
70-74	1,612	1.1%	1,818	1.2%	3,430	2.3%
75-79	896	0.6%	1,147	0.8%	2,043	1.4%
80-84	537	0.4%	686	0.5%	1,223	0.8%
85+	268	0.2%	585	0.4%	853	0.6%
Total	74,174	50.1%	73,911	49.9%	148,085	100.0%

Table C-2: Male Population Change by Age, 2015 to 2020

Data Source: U.S. Census Bureau, 2010 Census; Alaska Department of Labor and Workforce Development, Research and Analysis Section

	2015		2020		% Change in Alaska Native Male Population	% Change in Alaska Total Male Population
	Alaska Native Males	Alaska Male Population	Alaska Native Males	Alaska Male Population		
0-4	8,055	31,892	7,097	29,351	-11.9%	-8.0%
5-9	7,826	32,727	7,761	31,146	-0.8%	-4.8%
10-14	6,894	29,927	7,448	31,744	8.0%	6.1%
15-19	6,770	28,459	6,546	27,867	-3.3%	-2.1%
20-24	6,019	31,381	5,622	27,712	-6.6%	-11.7%
25-29	6,051	32,729	5,711	29,992	-5.6%	-8.4%
30-34	5,197	31,367	5,621	31,059	8.2%	-1.0%
35-39	4,195	26,148	4,866	29,906	16.0%	14.4%
40-44	3,714	23,851	3,909	24,411	5.3%	2.3%
45-49	3,737	24,266	3,422	21,919	-8.4%	-9.7%
50-54	4,251	28,333	3,369	22,699	-20.7%	-19.9%
55-59	3,662	28,215	3,775	25,618	3.1%	-9.2%
60-64	2,991	24,421	3,219	24,626	7.6%	0.8%
65-69	2,065	17,064	2,495	20,223	20.8%	18.5%
70-74	1,242	9,955	1,612	13,713	29.8%	37.7%
75-79	787	5,613	896	7,825	13.9%	39.4%
80-84	450	3,210	537	4,043	19.3%	26.0%
85+	278	2,316	268	2,744	-3.6%	18.5%
Total	74,184	411,874	74,174	406,598	-0.01%	-1.3%

Appendix C - Data Tables

Table C-3: Female Population Change by Age, 2015 to 2020

Data Sources: U.S. Census Bureau, 2010 Census; Alaska Department of Labor and Workforce Development, Research and Analysis Section

	2015		2020		% Change in Alaska Native Female Population	% Change in Alaska Total Female Population
	Alaska Native Females	Alaska Female Population	Alaska Native Females	Alaska Female Population		
0-4	7,644	30,528	6,551	27,663	-14.3%	-9.4%
5-9	7,236	30,494	7,393	29,877	2.2%	-2.0%
10-14	6,548	28,445	6,921	29,680	5.7%	4.3%
15-19	6,155	25,926	6,054	25,553	-1.6%	-1.4%
20-24	5,850	26,583	5,333	23,144	-8.8%	-12.9%
25-29	5,925	29,927	5,612	27,618	-5.3%	-7.7%
30-34	5,122	29,391	5,727	30,164	11.8%	2.6%
35-39	4,170	24,618	4,903	28,317	17.6%	15.0%
40-44	3,623	22,459	3,910	23,205	7.9%	3.3%
45-49	3,710	22,964	3,435	21,183	-7.4%	-7.8%
50-54	4,257	26,180	3,506	21,687	-17.6%	-17.2%
55-59	3,969	26,640	3,955	24,199	-0.4%	-9.2%
60-64	3,149	22,443	3,636	23,806	15.5%	6.1%
65-69	2,192	15,288	2,739	19,328	25.0%	26.4%
70-74	1,421	9,573	1,818	13,060	27.9%	36.4%
75-79	901	5,793	1,147	7,968	27.3%	37.5%
80-84	697	3,973	686	4,540	-1.6%	14.3%
85+	496	3,912	585	4,373	17.9%	11.8%
Total	73,065	385,137	73,911	385,365	1.2%	0.1%

Table C-4: Adults Aged 25 Years and Older Who Completed at Least High School, 2009-2013 to 2015-2019

Data Source: U.S. Census Bureau, American Community Survey

Years	Alaska Native People Statewide		Alaska Whites Statewide	
	%	MOE (+/-)	%	MOE (+/-)
2009-2013	80.6%	1.5	94.9%	1.0
2010-2014	80.8%	1.3	95.1%	0.9
2011-2015	81.5%	1.3	95.3%	0.9
2012-2016	81.9%	1.7	95.4%	0.9
2013-2017	82.1%	1.6	95.5%	0.9
2014-2018	83.1%	1.7	95.5%	0.9
2015-2019	83.0%	1.7	95.6%	1.0

Table C-5: Highest Educational Attainment, Adults 25 Years and Older, 2015-2019

Data Source: U.S. Census Bureau, American Community Survey

	Alaska Native People Statewide		Alaska Whites Statewide	
	%	MOE (+/-)	%	MOE (+/-)
Less than high school	17.0%	0.8	4.4%	0.2
High school diploma, GED or alternative	45.8%	1.1	24.2%	0.5
Some college or associate's degree	29.7%	1.1	35.9%	0.6
Bachelor's degree or higher	7.5%	0.7	35.5%	0.6

MOE: Margin of Error is based on a 90% confidence interval.

Appendix C - Data Tables

Table C-6: Percent of Alaska Native Adults Aged 25 Years and Older Who Completed at Least High School by Tribal Health Region, 2015-2019

Data Source: U.S. Census Bureau, American Community Survey

	Alaska Native People
	%
Yukon-Kuskokwim	76.9%
Northwest Arctic	78.1%
Arctic Slope	79.1%
Norton Sound	80.5%
Bristol Bay	81.9%
Interior	82.1%
Kenai Peninsula	83.3%
Aleutians & Pribilofs	84.2%
Kodiak Area	86.0%
Anchorage/Mat-Su	86.7%
Southeast	87.9%
Copper River/Prince William Sound	91.2%
Statewide	83.0%

Table C-7: Unemployment, All Races, 1995-2020

Data Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section; U.S. Census Bureau, Current Population Survey

Year	Alaska Unemployment (All Races)		U.S. Unemployment (All Races)	
	n	%	n	%
1995	22,271	7.3%	7,404,000	5.6%
1996	23,519	7.6%	7,236,000	5.4%
1997	22,372	7.1%	6,739,000	4.9%
1998	20,046	6.3%	6,210,000	4.5%
1999	20,588	6.5%	5,880,000	4.2%
2000	20,365	6.4%	5,692,000	4.0%
2001	20,662	6.4%	6,801,000	4.7%
2002	23,820	7.3%	8,378,000	5.8%
2003	25,946	7.8%	8,774,000	6.0%
2004	25,100	7.5%	8,149,000	5.5%
2005	23,748	6.9%	7,591,000	5.1%
2006	23,149	6.6%	7,001,000	4.6%
2007	22,206	6.3%	7,078,000	4.6%
2008	23,824	6.7%	8,924,000	5.8%
2009	27,854	7.7%	14,265,000	9.3%
2010	28,497	7.9%	14,825,000	9.6%
2011	27,735	7.6%	13,747,000	8.9%
2012	26,066	7.1%	12,506,000	8.1%
2013	25,259	6.9%	11,460,000	7.4%
2014	25,086	6.9%	9,617,000	6.2%
2015	23,595	6.5%	8,296,000	5.3%
2016	23,824	6.6%	7,751,000	4.9%
2017	23,497	6.5%	6,982,000	4.4%
2018	21,166	5.9%	6,314,000	3.9%
2019	19,134	5.4%	6,001,000	3.7%
2020	27,195	7.8%	12,947,000	8.1%

Note: The data presented here are for all races and are not seasonally adjusted.

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Table C-8: Percent of Population That Is Unemployed by Tribal Health Region, All Races, 2020

Data Source: Alaska Department of Labor and Workforce Development

Alaska All Races		
	#	%
Aleutians & Pribilofs	269	4.3%
Arctic Slope	189	5.9%
Kodiak Area	380	6.2%
Interior	3445	6.8%
Anchorage/Mat-Su	14,961	7.6%
Southeast	2,912	8.3%
Bristol Bay	239	8.4%
Copper River/Prince William Sound	395	8.7%
Kenai Peninsula	2,393	9.1%
Norton Sound	411	10.5%
Northwest Arctic	352	12.0%
Yukon-Kuskokwim	1,250	13.5%
Statewide	27,195	7.8%

Note: The data presented here are for all races and are not seasonally adjusted.

Table C-9: Estimated Percent of People Living Below the Federal Poverty Level, All Ages, 2009-2013 to 2015-2019

Data Source: U.S. Census Bureau, American Community Survey

Years	Alaska Native People Statewide		Alaska Whites Statewide	
	%	MOE (+/-)	%	MOE (+/-)
2009-2013	21.8%	1.0	6.8%	0.4
2010-2014	22.6%	1.0	6.7%	0.3
2011-2015	23.2%	0.9	6.7%	0.3
2012-2016	23.3%	0.9	6.5%	0.3
2013-2017	23.8%	0.8	6.7%	0.4
2014-2018	23.8%	1.0	7.1%	0.4
2015-2019	24.0%	1.5	7.2%	0.5

MOE: Margin of Error based on 90% confidence interval.

Table C-10: Estimated Percent of Alaska Native People Living Below the Federal Poverty Level by Age Group, 2015-2019

Data Source: U.S. Census Bureau, American Community Survey

Alaska Native People Statewide		
Age Group	%	MOE (+/-)
All ages	24.0%	1.5
Under 18 years	29.8%	0.5
18-64 years	23.1%	0.9
65 years and over	9.0%	0.1

MOE: Margin of Error based on 90% confidence interval.

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Table C-11: Estimated Percent of Alaska Native People Living Below the Poverty Threshold by Tribal Health Region, 2015-2019

Data Source: U.S. Census Bureau, American Community Survey

Alaska Native People	
Aleutians & Pribilofs	15.6%
Arctic Slope	16.2%
Anchorage/Mat-Su	19.0%
Southeast	19.4%
Bristol Bay	19.8%
Interior	19.9%
Kenai Peninsula	20.9%
Copper River/Prince William Sound	21.7%
Norton Sound	26.8%
Northwest Arctic	30.6%
Kodiak Area	32.7%
Yukon-Kuskokwim	34.9%
Statewide	24.0%

Table C-12: Estimated Median Household Income, 2006-2010 to 2015-2019

Data Source: U.S. Census Bureau, American Community Survey

	Alaska Native People Statewide		Alaska Whites Statewide	
	Median Income	MOE (+/-)	Median Income	MOE (+/-)
2006-2010	\$42,582	\$1,321	\$72,955	\$858
2007-2011	\$44,315	\$1,444	\$75,201	\$952
2008-2012	\$45,172	\$1,336	\$76,515	\$863
2009-2013	\$44,964	\$1,666	\$77,087	\$745
2010-2014	\$45,624	\$1,476	\$78,752	\$987
2011-2015	\$45,997	\$1,447	\$79,475	\$1,037
2012-2016	\$46,222	\$1,983	\$81,971	\$1,045
2013-2017	\$47,397	\$1,845	\$83,478	\$1,083
2014-2018	\$49,834	\$1,682	\$84,799	\$1,039
2015-2019	\$49,959	\$2,115	\$85,298	\$1,113

MOE: Margin of Error based on 90% confidence interval.

Table C-13: Leading Causes of Death, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
Cancer	803	196.3	3,092	136.5
Heart Disease	750	183.3	2,531	120.8
Unintentional Injuries	601	116.9	1,092	48.1
Suicide	286	39.9	491	20.3
COPD	229	56.0	635	31.1
Chronic Liver Disease & Cirrhosis	188	46.0	285	10.5
Cerebrovascular Diseases	176	43.0	627	34.5
Alcohol Abuse	116	28.4	88	3.0
Homicide	107	26.2	159	6.9
Influenza & Pneumonia	94	23.0	145	7.9
All Causes	4,566	1,077.7	13,337	635.9

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Table C-14: Leading Causes of Death by Sex, Alaska Native People, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Males		Alaska Native Females	
	Deaths	Rate	Deaths	Rate
Heart Disease	451	254.3	299	141.7
Cancer	406	235.5	397	188.2
Unintentional Injuries	375	208.7	226	107.1
Suicide	214	105.8	72	34.1
COPD	117	69.6	112	53.1
Alcohol Abuse	79	42.3	37	15.3
Cerebrovascular Diseases	77	36.7	99	46.9
Homicide	68	36.2	39	18.5
Chronic Liver Disease & Cirrhosis	51	29.6	137	64.9
Influenza & Pneumonia	43	27.3	51	24.2
All Causes	2,479	1,165.4	2,084	938.4

Table C-15: Life Expectancy at Birth, 1984-1988 to 2014-2018

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide	Alaska Whites Statewide
1984-1988	67.0	73.9
1989-1993	68.3	74.8
1994-1998	69.8	75.9
1999-2003	70.2	76.5
2004-2008	70.5	77.1
2009-2013	70.7	77.7
2014-2018	70.4	79.3

Table C-16: Alaska Native Life Expectancy in Years by Tribal Health Region, 2014-2018

Data Source: Alaska Health Analytics and Vital Records Section

	Alaska Native People
Kenai Peninsula	74.4
Southeast	72.8
Kodiak Area	72.2
Bristol Bay	71.7
Anchorage/Mat-Su	70.1
Copper River/Prince William Sound	70.0
Interior	70.0
Norton Sound	69.5
Yukon-Kuskokwim	69.4
Arctic Slope	69.3
Aleutians & Pribilofs	69.2
Northwest Arctic	68.2
Statewide	70.4

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Table C-17: Age-Adjusted All-Cause Mortality Rate per 100,000 Population, 1984-1987 to 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
1984-1987	2,122	1,207.3	6,190	997.2
1988-1991	2,223	1,156.8	6,364	895.2
1992-1995	2,384	1,194.2	7,403	858.5
1996-1999	2,442	1,139.6	7,936	798.3
2000-2003	2,771	1,125.7	9,136	768.7
2004-2007	3,026	1,135.6	9,805	694.3
2008-2011	3,382	1,133.1	11,003	676.7
2012-2015	3,716	1,151.7	12,361	661.2
2016-2019	4,566	1,077.7	13,337	635.9

Table C-18: Age-Adjusted All-Cause Mortality Rate by Sex, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
Male	2,479	1,165.4	7,725	742.0
Female	2,084	938.4	5,612	531.4
Both Genders Combined	4,566	1,077.7	13,337	635.9

Table C-19: Age-Adjusted Alaska Native All-Cause Mortality Rate per 100,000 by Tribal Health Region, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People	
	Deaths	Rate
Copper River/Prince William Sound	70	1,299.4
Northwest Arctic	242	1,148.2
Aleutians & Pribilofs	49	1,101.9
Interior	525	1,095.6
Southeast	609	1,086.0
Anchorage/Mat-Su	1,468	1,041.6
Yukon-Kuskokwim	709	1,039.1
Kodiak Area	74	1,034.5
Norton Sound	281	1,004.8
Arctic Slope	163	970.2
Kenai Peninsula	180	859.5
Bristol Bay	193	847.5
Statewide	4,566	1,077.7

Note: There were 3 deaths with unknown region during 2016-2019.

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Table C-20: Infant Mortality Rate, 1987-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Infants Statewide		Alaska White Infants Statewide	
	Deaths	Rate per 1,000 Live Births	Deaths	Rate per 1,000 Live Births
1987	47	16.4	52	6.5
1988	47	16.2	50	6.7
1989	47	15.6	47	6.1
1990	53	17.6	50	6.3
1991	38	13.0	52	6.6
1992	31	10.7	53	6.7
1993	32	12.2	33	4.4
1994	27	10.7	42	5.8
1995	28	11.2	34	4.9
1996	28	10.8	34	5.1
1997	26	10.0	29	4.5
1998	18*	6.7	31	4.8
1999	22	8.2	23	3.7
2000	29	10.4	30	4.8
2001	36	12.7	34	5.5
2002	15*	5.5	23	3.7
2003	23	8.2	32	5.1
2004	29	10.0	25	3.9
2005	23	7.5	28	4.4
2006	34	11.2	25	3.7
2007	35	11.3	25	3.7
2008	34	10.6	18*	2.6
2009	30	9.0	27	4.0
2010	13*	4.0	15*	2.2
2011	15*	4.7	18*	2.6
2012	22	7.1	28	4.2
2013	25	8.9	25	3.5
2014	48	16.1	35	5.4
2015	43	14.4	31	4.8
2016	36	11.6	21	3.3
2017	28	9.9	20	3.4
2018	34	12.2	18*	3.2
2019	28	10.3	16*	2.9

Note: Rates based on fewer than 20 cases are not statistically reliable and should be used with caution.

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Table C-21: Alaska Native Neonatal and Postneonatal Deaths, 2006-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Neonatal		Postneonatal	
	Deaths	Rate per 1,000 Live Births	Deaths	Rate per 1,000 Live Births
2006	13*	4.3	21	6.9
2007	13*	4.2	22	7.1
2008	11*	3.4	23	7.2
2009	11*	3.3	19*	5.7
2010	N/A	N/A	9*	2.8
2011	6*	1.9	9*	2.8
2012	12*	3.9	10*	3.2
2013	8*	2.8	17*	6.0
2014	13*	4.4	35	11.7
2015	19*	6.4	24	8.1
2016	13*	4.2	23	7.4
2017	11*	3.9	17*	6.0
2018	14*	5.0	20	7.2
2019	9*	3.3	19*	7.0

Note: Rates based on fewer than 20 cases are not statistically reliable and should be used with caution. Number and rate not reported for <5 cases.

Table C-22: Leading Causes of Alaska Native Infant Mortality, 2005-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Infants Statewide		Alaska White Infants Statewide	
	Number	% of Infant Deaths	Number	% of Infant Deaths
Perinatal Conditions	88	22.2%	125	32.5%
Congenital Malformations	64	16.1%	94	24.4%
SIDS	64	16.1%	44	11.4%
Unintentional Injuries	49	12.3%	34	8.8%
Influenza & Pneumonia	11*	2.8%	N/A	N/A
Other	121	30.5%	86	22.3%
Total	397	100.0%	385	100.0%

Note: Rates based on fewer than 20 cases are not statistically reliable and should be used with caution. Number and rate not reported for <5 cases.

Table C-23: Alaska Native Infant Mortality Rate per 1,000 Live Births by Tribal Health Region, 5-Year Aggregate, 2015-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Number	Rate per 1,000 Live Births
Yukon-Kuskokwim	59	18.2
Northwest Arctic	15	16.5
Arctic Slope	7*	12.8
Interior	18	11.9
Norton Sound	8*	9.8
Anchorage/Mat-Su	42	9.2
Southeast	10*	8.5
Statewide	169	11.7

Note: Rates based on fewer than 20 cases are not statistically reliable and should be used with caution. Number and rate not reported for <5 cases.

N/A - Not applicable or not available

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Table C-24: Age-Adjusted All-Cause Years of Potential Life Lost per 100,000, 1984-1987 to 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Mean YPLL	YPLL per 100,000	Mean YPLL	YPLL per 100,000
1984-1987	34.6	17,858.5	28.1	7,554.0
1988-1991	34.4	16,163.6	26.1	6,677.7
1992-1995	31.6	14,270.9	24.2	6,440.4
1996-1999	28.9	12,599.1	22.0	5,634.5
2000-2003	28.6	13,126.5	21.8	5,641.0
2004-2007	27.9	12,968.7	21.4	5,461.7
2008-2011	26.7	13,089.9	19.4	5,088.7
2012-2015	26.7	14,024.5	18.7	5,298.6
2016-2019	26.7	14,395.9	18.5	6,207.1

Table C-25: Leading Causes of Years of Potential Life Lost, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Both Genders		Alaska Native Males		Alaska Native Females	
	YPLL	Mean YPLL	YPLL	Mean YPLL	YPLL	Mean YPLL
Unintentional injuries	19,955	36.5	12,663	36.5	7,292	36.6
Suicide	12,850	45.6	9,746	46.2	3,104	43.7
Cancer	8,286	14.8	4,112	14.4	4,174	15.2
Heart Disease	7,772	17.6	5,013	17.2	2,759	18.4
Chronic Liver Disease & Cirrhosis	4,869	26.6	1,215	24.8	3,654	27.3
Homicide	4,397	41.1	2,711	39.9	1,686	43.2
Alcohol Abuse	2,276	21.1	1,332	18.0	944	27.8
Congenital Malformations	2,124	60.7	1,314	59.7	810	62.3
Perinatal Conditions	1,725	75.0	1,125	75.0	600	75.0
COPD	1,284	10.1	655	9.4	629	11.0
All Causes	85,393	26.7	50,587	27.5	34,806	25.6

Table C-26: Age-Adjusted Cancer Mortality Rate per 100,000 Population, 1984-1987 to 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
1984-1987	344	232.2	1,230	208.0
1988-1991	356	229.3	1,367	198.7
1992-1995	422	247.2	1,663	195.0
1996-1999	498	248.0	1,865	179.1
2000-2003	545	244.0	2,118	174.1
2004-2007	620	243.7	2,296	158.1
2008-2011	678	233.3	2,697	158.9
2012-2015	752	242.7	3,114	154.5
2016-2019	803	196.3	3,092	136.5

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Table C-27: Age-Adjusted Cancer Mortality Rate by Sex, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
Male	406	235.5	1,749	160.2
Female	397	188.2	1,343	116.3
Both Genders Combined	803	196.3	3,092	136.5

Table C-28: Age-Adjusted Alaska Native Cancer Mortality Rate per 100,000 by Tribal Health Region, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People	
	Deaths	Rate
Kodiak Area	18*	271.0
Interior	101	227.0
Copper River/Prince William Sound	11*	219.9
Aleutians & Pribilofs	9*	218.0
Arctic Slope	34	217.9
Southeast	108	207.4
Kenai Peninsula	38	195.4
Bristol Bay	40	189.2
Norton Sound	48	184.8
Northwest Arctic	36	183.9
Anchorage/Mat-Su	238	181.9
Yukon-Kuskokwim	114	179.9
Statewide	803	196.3

Note: Rates based on fewer than 20 cases are not statistically reliable and should be used with caution.

Table C-29: Age-Adjusted Heart Disease Mortality Rate per 100,000 Population, 1984-1987 to 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
1984-1987	345	274.4	1,532	333.8
1988-1991	374	273.8	1,532	272.2
1992-1995	382	258.7	1,774	249.3
1996-1999	381	226.7	1,867	213.9
2000-2003	435	218.7	2,140	196.5
2004-2007	429	193.7	2,064	156.9
2008-2011	556	201.5	2,277	146.0
2012-2015	618	208.2	2,391	133.3
2016-2019	750	183.3	2,531	120.8

Table C-30: Age-Adjusted Heart Disease Mortality Rate by Sex, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
Male	451	254.3	1,617	154.3
Female	299	141.7	914	88.3
Both Genders Combined	750	183.3	2,531	120.8

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Table C-31: Age-Adjusted Alaska Native Heart Disease Mortality Rate per 100,000 by Tribal Health Region, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People	
	Deaths	Rate
Copper River/Prince William Sound	12*	239.9
Northwest Arctic	46	235.0
Norton Sound	55	211.8
Southeast	108	207.4
Interior	84	188.8
Anchorage/Mat-Su	233	178.0
Kenai Peninsula	34	174.8
Yukon-Kuskokwim	104	164.2
Arctic Slope	25	160.3
Aleutians & Pribilofs	6*	145.3
Bristol Bay	30	141.9
Kodiak Area	8*	120.4
Statewide	750	183.3

Note: Rates based on fewer than 20 cases are not statistically reliable and should be used with caution.

Table C-32: Age-Adjusted Unintentional Injury Mortality Rate per 100,000 Population, 1984-1987 to 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
1984-1987	492	160.2	1,038	73.4
1988-1991	458	156.1	923	69.5
1992-1995	450	137.0	842	63.5
1996-1999	374	120.6	748	49.8
2000-2003	386	102.6	928	50.2
2004-2007	378	97.2	878	43.6
2008-2011	373	98.6	940	44.2
2012-2015	401	99.4	890	38.9
2016-2019	601	116.9	1,092	48.1

Note: Caution is advised when comparing data between time periods due to changes in ICD code categorization for unintentional injury deaths.

Table C-33: Unintentional Injury Mortality Rate by Sex, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
Male	375	208.7	779	66.1
Female	226	107.1	313	29.1
Both Genders Combined	601	116.9	1,092	48.1

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Table C-34: Age-Adjusted Alaska Native Unintentional Injury Mortality Rate per 100,000 by Tribal Health Region, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People	
	Deaths	Rate
Northwest Arctic	42	214.6
Yukon-Kuskokwim	112	176.8
Norton Sound	41	157.9
Interior	69	155.1
Anchorage/Mat-Su	191	145.9
Aleutians & Pribilofs	6*	145.3
Bristol Bay	27	127.7
Southeast	66	126.7
Copper River/Prince William Sound	6*	119.9
Kodiak Area	7*	105.4
Arctic Slope	16*	102.6
Kenai Peninsula	14*	72.0
Statewide	601	116.9

Note: Rates based on fewer than 20 cases are not statistically reliable and should be used with caution.

Table C-35: Age-Adjusted COPD Mortality Rate per 100,000 Population, 1984-1987 to 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
1984-1987	49	40.7	194	43.7
1988-1991	78	57.3	251	45.7
1992-1995	89	61.4	304	43.8
1996-1999	113	69.1	373	46.5
2000-2003	123	64.4	430	43.3
2004-2007	129	59.1	463	36.9
2008-2011	174	73.5	565	38.7
2012-2015	183	68.0	607	35.2
2016-2019	229	56.0	635	31.1

Table C-36: Age-Adjusted COPD Mortality Rate by Sex, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
Male	117	69.6	308	31.6
Female	112	53.1	327	31.0
Both Genders Combined	229	56.0	635	31.1

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Table C-37: Age-Adjusted Alaska Native COPD Mortality Rate per 100,000 by Tribal Health Region, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

Alaska Native People		
	Deaths	Rate
Aleutians & Pribilofs	5*	116.8
Kodiak Area	7*	101.6
Norton Sound	24	89.1
Southeast	40	74.1
Kenai Peninsula	13*	64.5
Arctic Slope	9*	55.6
Northwest Arctic	11*	54.2
Anchorage/Mat-Su	63	46.4
Interior	19*	41.2
Bristol Bay	8*	36.5
Yukon-Kuskokwim	23	35.0
Statewide	229	56.0

Note: Rates based on fewer than 20 cases are not statistically reliable and should be used with caution. Number and rate not reported for <5 cases.

Table C-38: Age-Adjusted Suicide Mortality Rate per 100,000 Population, 1996-1999 to 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
1996-1999	161	36.2	328	17.6
2000-2003	164	35.5	329	16.1
2004-2007	201	43.7	359	16.4
2008-2011	195	39.7	420	17.4
2012-2015	207	40.9	446	17.9
2016-2019	286	39.9	491	20.3

Table C-39: Age-Adjusted Suicide Mortality Rate by Sex, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Deaths	Rate	Deaths	Rate
Male	214	105.8	396	31.9
Female	72	34.1	95	7.8
Both Genders Combined	286	39.9	491	20.3

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Table C-40: Age-Adjusted Suicide Mortality Rate per 100,000 by Tribal Health Region, 2016-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People	
	Deaths	Rate
Northwest Arctic	27	118.3
Yukon-Kuskokwim	69	93.3
Kodiak Area	7*	90.3
Norton Sound	19*	62.7
Interior	29	55.9
Arctic Slope	10*	54.9
Anchorage/Mat-Su	80	52.4
Bristol Bay	11*	44.6
Kenai Peninsula	8*	35.3
Southeast	18*	29.6
Statewide	286	39.9

Note: Rates based on fewer than 20 cases are not statistically reliable and should be used with caution. Number and rate not reported for <5 cases.

Table C-41: Cancer Incidence Rate per 100,000 Population, 1969-1973 to 2014-2018

Data Source: Alaska Native Tribal Health Consortium, Alaska Native Tumor Registry; National Cancer Institute, Surveillance Epidemiology and End Results Program (SEER)

	Alaska Native People Statewide			U.S. Whites		
	Number	Age-Adjusted Incidence Rate per 100,000	95% Confidence Interval	Age-Adjusted Incidence Rate per 100,000	95% Confidence Interval	Rate Ratio
1969-1973	394	376.8	(335.0-422.3)	-	-	-
1974-1978	493	373.1	(337.4-411.6)	407.9	(406.3-409.6)	0.9
1979-1983	624	422.2	(385.7-461.4)	424.9	(423.4-426.3)	1.0
1984-1988	842	467.6	(433.2-504.1)	460.0	(458.6-461.4)	1.0
1989-1993	1,021	467.5	(436.8-499.8)	497.9	(496.5-499.4)	0.9
1994-1998	1,312	493.7	(465.2-523.5)	489.5	(488.1-490.9)	1.0
1999-2003	1,591	516.8	(489.9-544.8)	496.7	(495.4-498.1)	1.0
2004-2008	1,850	506.6	(482.1-531.9)	489.0	(487.7-490.3)	1.0
2009-2013	2,169	513.5	(490.6-537.3)	469.4	(468.1-470.6)	1.1
2014-2018	2,401	497.6	(476.7-519.2)	450.9	(449.6-452.2)	1.1

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Table C-42: Cancer Incidence by Cancer Site, Alaska Native People Statewide, 2014-2018

Data Source: Alaska Native Tribal Health Consortium, Alaska Native Tumor Registry

Alaska Native People Statewide				
	Number	Age-Adjusted Incidence Rate per 100,000	95% Confidence Interval	% of Total
Colon and Rectum	405	87.6	(78.8-97.1)	16.9%
Lung and Bronchus	373	83.0	(74.3-92.4)	15.5%
Breast (Women Only)	340	130.8	(116.7-146.0)	14.2%
Kidney and Renal Pelvis	150	28.9	(24.3-34.1)	6.2%
Prostate (Men Only)	126	61.2	(49.9-74.2)	5.2%
Pancreas	84	18.5	(14.5-23.2)	3.5%
Stomach	82	17.2	(13.5-21.5)	3.4%
Thyroid	80	15.0	(11.8-18.9)	3.3%
Urinary Bladder	60	13.9	(10.4-18.3)	2.5%
Corpus Uteri (Women Only)	40	13.7	(9.7-18.8)	1.7%
All Others	661	-	-	27.5%
All Sites	2,401	497.6	(476.7-519.2)	100.0%

Table C-43: Trends in Cancer Incidence Rate by Cancer Site (Age-Adjusted Rate per 100,000), Alaska Native People, 2004-2008 to 2014-2018

Data Source: Alaska Native Tribal Health Consortium, Alaska Native Tumor Registry

	Colon & Rectum			Lung & Bronchus			Breast (Women Only)			Kidney & Renal Pelvis		
	Number	Rate	95% Confidence Interval	Number	Rate	95% Confidence Interval	Number	Rate	95% Confidence Interval	Number	Rate	95% Confidence Interval
2004-2008	312	89.3	(79.0-100.5)	316	97.7	(86.7-109.8)	285	131.7	(116.5-148.5)	77	21.9	(16.9-27.9)
2009-2013	371	90.9	(81.2-101.3)	336	90.3	(80.3-101.3)	342	144.2	(128.7-160.9)	112	25	(20.3-30.4)
2014-2018	405	87.6	(78.8-97.1)	373	83.0	(74.3-92.4)	340	130.8	(116.7-146.0)	150	28.9	(24.3-34.1)

Table C-44: Age-Adjusted Alaska Native Cancer Incidence Rate per 100,000 by Tribal Health Region, 2014-2018

Data Source: Alaska Native Tribal Health Consortium, Alaska Native Tumor Registry

Alaska Native People			
	Number	Age-Adjusted Incidence Rate per 100,000	95% Confidence Interval
Arctic Slope	112	590.2	(480.8-717.1)
Anchorage/Mat-Su	767	573.7	(529.6-620.6)
Interior	338	568.8	(506.9-636.2)
Kodiak Area	47	536.4	(389.1-721.2)
Norton Sound	141	531.9	(439.2-638.4)
Southeast	361	502.8	(450.7-559.3)
Aleutians & Pribilofs	51	493.4	(361.4-657.7)
Bristol Bay	97	436.4	(349.6-538.2)
Northwest Arctic	98	434.8	(350.9-532.8)
Kenai Peninsula	103	425.1	(336.9-529.2)
Copper River/Prince William Sound	28	401.8	(257.5-597.8)
Yukon-Kuskokwim	258	352.9	(307.4-403.3)
Statewide	2,401	497.6	(476.7-519.2)

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Table C-45: Age-Adjusted Alaska Native Prevalence of Diagnosed Diabetes, 2009-2019

Data Source: Alaska Native Medical Center Diabetes Registry

	Alaska Native People Statewide	
	Number	%
2009	3,938	5.2%
2010	4,178	4.7%
2011	4,411	4.8%
2012	4,599	5.0%
2013	4,839	5.1%
2014	5,056	5.2%
2015	5,739	5.8%
2016	6,026	6.1%
2017	6,247	6.2%
2018	6,435	6.2%
2019	6,602	6.3%

Table C-46: Age-Adjusted Alaska Native Prevalence of Diagnosed Diabetes by IHS Service Unit, 2019

Data Source: Alaska Native Medical Center Diabetes Registry

	Alaska Native People Statewide (All Ages)	
	Number	%
Annette Island	145	11.0%
Anchorage	2,942	8.1%
Interior	804	6.9%
Mt. Edgecumbe	956	6.8%
Dillingham	296	5.6%
Barrow	218	5.5%
Kotzebue	283	4.6%
Bethel	709	4.0%
Norton Sound	249	3.7%
Statewide	6,602	6.3%

Table C-47: Age-Adjusted Chlamydia Incidence Rate per 100,000 Population, 2004-2018

Data Source: Alaska Department of Health and Social Services, HIV/STD Program

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Number	Rate	Number	Rate
2004	1,835	1,439.9	2,150	374.3
2005	2,113	1,636.4	2,225	378.6
2006	2,298	1,768.6	2,215	368.8
2007	2,390	1,817.9	2,497	410.3
2008	2,462	1,855.8	2,383	387.8
2009	2,617	1,899.0	2,598	421.2
2010	2,849	2,023.8	3,177	510.6
2011	2,749	1,927.7	3,063	491.7
2012	2,545	1,564.7	2,937	437.0
2013	2,601	1,632.3	3,191	477.4
2014	2,618	1,653.8	3,110	463.9
2015	2,633	1,604.6	3,015	509.1
2016	2,796	1,728.6	2,901	499.0
2017	2,970	1,855.8	2,968	516.2
2018	2,992	1,991.3	3,160	565.2

Note: Number and rate do not include cases designated as multi-racial or with unknown race. There were 65 multi-racial cases and 631 unknown race cases during 2018. Caution is advised when comparing data between years because changes to racial classification have occurred over time.

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Table C-48: Unadjusted Alaska Native Chlamydia Incidence Rate per 100,000 by Tribal Health Region, 2018

Data Source: Alaska Division of Public Health, HIV/STD Program

Alaska Native People		
	Number	Rate
Norton Sound	281	3,450.4
Yukon-Kuskokwim	811	3,432.4
Northwest Arctic	212	3,211.6
Anchorage/Mat-Su	1,027	1,988.3
Interior	306	1,835.4
Arctic Slope	81	1,785.8
Bristol Bay	99	1,665.3
Copper River/Prince William Sound	20	1,076.4
Kodiak Area	15*	619.3
Aleutians & Pribilofs	8*	552.1
Kenai Peninsula	40	545.3
Southeast	92	534.4
Statewide	2,992	2,022.3

Note: Rates based on fewer than 20 cases are not statistically reliable and should be used with caution.

Table C-49: Age-Adjusted Gonorrhea Incidence Rates per 100,000 Population, 2004-2018

Data Source: Alaska Division of Public Health, HIV/STD Program

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	Number	Rate	Number	Rate
2004	310	256.3	267	46.2
2005	316	269.0	285	49.0
2006	290	240.6	338	57.2
2007	268	227.0	311	51.2
2008	342	279.8	228	37.2
2009	670	541.1	334	53.7
2010	937	724.0	336	54.6
2011	706	535.8	287	46.0
2012	557	387.6	174	25.9
2013	647	439.1	456	68.0
2014	741	510.6	582	87.6
2015	644	426.3	470	77.9
2016	803	535.2	651	109.5
2017	1,155	778.0	1,035	174.8
2018	1,077	730.6	1,178	203.1

Note: Number and rate do not include cases designated as multi-racial or with unknown race. There were 32 multi-racial cases and 167 unknown race cases during 2018. Caution is advised when comparing data between years because changes to racial classification have occurred over time.

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Table C-50: Unadjusted Alaska Native Gonorrhea Incidence Rate per 100,000 by Tribal Health Region, 2018

Data Source: Alaska Division of Public Health, HIV/STD Program

Alaska Native People		
	Number	Rate
Northwest Arctic	91	1,378.6
Anchorage/Mat-Su	624	1,208.1
Interior	122	731.8
Norton Sound	48	589.4
Yukon-Kuskokwim	130	550.2
Bristol Bay	15*	267.5
Arctic Slope	12*	205.3
Kenai Peninsula	13*	177.2
Southeast	12*	69.7
Statewide	1,077	726.0

Note: Rates based on fewer than 20 cases are not statistically reliable and should be used with caution. Number and rate not reported for <5 cases.

Table C-51: Adult Tooth Loss, 2004–2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence	%	95% Confidence
2004	65.4%	(60.4%-70.1%)	43.0%	(40.2%-45.8%)
2006	57.6%	(52.0%-63.0%)	39.5%	(36.6%-42.4%)
2008	64.3%	(59.1%-69.3%)	41.8%	(38.8%-44.9%)
2010	57.3%	(50.1%-64.2%)	39.9%	(36.3%-43.6%)
2012	58.9%	(54.5%-63.1%)	41.2%	(39.2%-43.2%)
2014	60.5%	(56.1%-64.7%)	39.3%	(37.0%-41.6%)
2016	50.4%	(43.3%-57.6%)	41.1%	(37.7%-44.4%)
2018	51.7%	(45.8%-57.6%)	36.5%	(33.9%-39.2%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-52: Percent of Alaska Native Adults With Tooth Loss by Tribal Health Region, 3-year Aggregate, 2014, 2016, and 2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

Alaska Native People		
	%	95% Confidence Interval
Anchorage/Mat-Su	40.4%	(33.3%-47.4%)
Southeast	53.4%	(45.4%-61.4%)
Interior	55.3%	(47.7%-62.9%)
Bristol Bay	56.5%	(45.0%-67.9%)
Northwest Arctic	56.7%	(42.8%-70.7%)
Aleutians & Pribilofs	56.8%	(38.8%-74.8%)
Kenai Peninsula	61.2%	(45.9%-76.5%)
Norton Sound	62.8%	(49.6%-75.9%)
Yukon-Kuskokwim	67.4%	(57.4%-77.5%)
Statewide	53.4%	(49.9%-56.9%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution. Percent not reported for <5 cases.

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Table C-53: Unadjusted Birth Rate per 1,000 Population, 1997-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People Statewide		Alaska Whites Statewide	
	Births	Rate	Births	Rate
1997	2,311	22.8	6,419	14.1
1998	2,341	22.6	6,450	14.1
1999	2,342	22.2	6,306	13.7
2000	2,448	22.7	6,204	13.5
2001	2,492	23.0	6,236	13.5
2002	2,392	21.9	6,181	13.2
2003	2,453	22.2	6,303	13.3
2004	2,571	23.1	6,407	13.4
2005	2,699	23.9	6,344	13.1
2006	2,692	23.7	6,686	13.7
2007	2,764	24.3	6,656	13.5
2008	2,875	25.2	6,953	14.0
2009	2,948	25.4	6,708	13.4
2010	2,883	23.9	6,876	13.5
2011	2,823	23.0	6,847	13.3
2012	2,792	22.7	6,587	12.7
2013	2,362	19.2	7,163	13.8
2014	2,983	20.4	6,519	13.2
2015	2,981	20.2	6,430	13.1
2016	3,095	20.9	6,312	12.9
2017	2,821	19.0	5,827	12.0
2018	2,786	18.8	5,578	11.6
2019	2,725	18.4	5,435	11.4

Table C-54: Unadjusted Alaska Native Birth Rate per 1,000 Population by Tribal Health Region, 5-year Aggregate, 2015-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native People	
	Births	Rate per 1,000
Yukon-Kuskokwim	3,239	28.9
Northwest Arctic	911	26.3
Aleutians & Pribilofs	153	21.0
Arctic Slope	549	20.9
Anchorage/Mat-Su	4,562	20.6
Interior	1,513	19.9
Norton Sound	816	18.4
Bristol Bay	623	17.6
Copper River/Prince William Sound	148	16.9
Kenai Peninsula	533	16.3
Kodiak Area	180	15.7
Southeast	1,177	13.4
Statewide	14,408	20.6

Note: There were 4 births with unknown region during 2015-2019.

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Table C-55: Teen Birth Rate, 1997-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Teens Statewide		Alaska White Teens Statewide	
	Births	Rate	Births	Rate
1997	351	81.1	544	35.5
1998	373	79.0	521	32.8
1999	374	74.1	499	30.8
2000	440	85.1	552	34
2001	447	81.2	476	27.9
2002	416	71.1	507	28.7
2003	412	68.1	499	28.3
2004	450	72.1	497	28.1
2005	427	67.1	458	26.1
2006	470	73.4	460	26.2
2007	451	71.7	476	27.4
2008	496	82.4	480	28.3
2009	473	81.4	463	27.8
2010	419	75.0	366	22.9
2011	390	72.3	350	22.6
2012	349	67.6	329	21.9
2013	244	47.3	301	20.5
2014	294	48.6	245	18.5
2015	324	52.6	221	17.3
2016	279	45.5	205	16.3
2017	245	40.0	155	12.6
2018	211	34.8	136	11.2
2019	204	33.5	115	9.6

Table C-56: Teen Births by Age Group and Race, 1994-1998 to 2015-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Teens Statewide				Alaska White Teens Statewide			
	15-17 Years		18-19 Years		15-17 Years		18-19 Years	
	Births	Rate	Births	Rate	Births	Rate	Births	Rate
1994-1998	661	50.2	1,077	138.6	840	18.0	1,966	73.2
1999-2003	743	44.8	1,346	138.9	660	12.3	1,873	62.5
2004-2008	690	37.3	1,604	139.4	507	9.1	1,864	55.2
2009-2013	494	30.7	1,381	125.0	380	7.7	1,429	47.6
2015-2019	331	17.8	932	77.9	116	2.9	716	32.0

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Table C-57: Alaska Native Teen Birth Rate per 1,000 by Tribal Health Region, 5-Year Aggregate, 2015-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

Alaska Native Women		
	Births	Rate per 1,000
Northwest Arctic	120	87.1
Yukon-Kuskokwim	379	77.5
Aleutians & Pribilofs	15*	63.3
Arctic Slope	52	54.9
Norton Sound	97	54.3
Copper River/Prince William Sound	12*	48.4
Interior	107	36.6
Bristol Bay	48	33.4
Kodiak Area	17*	33.4
Anchorage/Mat-Su	302	33.2
Southeast	87	28.8
Kenai Peninsula	27	21.6
Statewide	1,263	45.6

Note: Rates based on fewer than 20 cases are not statistically reliable and should be used with caution.

Table C-58: Prevalence of Birth Defects, Alaska Statewide, 2007-2017

Data Source: Alaska Division of Public Health, Alaska Birth Defects Registry

	Alaska Native Children Statewide		Alaska Non-Native Children Statewide	
	Number	Rate per 10,000 Live Births	Number	Rate per 10,000 Live Births
2007	174	556.8	312	320.3
2008	189	587.5	324	323.5
2009	203	608.5	315	319.1
2010	167	511.3	336	333.0
2011	169	527.1	337	333.2
2012	171	546.3	339	344.5
2013	180	701.5	339	328.0
2014	158	639.2	272	263.2
2015	166	672.6	323	313.6
2016	139	550.5	329	323.0
2017	149	651.2	254	266.4

Note: These data contain unconfirmed birth defects detected to the Alaska Birth Defects Report Registry. Caution is advised when comparing data between years because changes to inclusion criteria, collection methods, analyzation methods and race classification have occurred over time.

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Table C-59: Leading Types of Birth Defects, Alaska Native Children, Statewide, 2014-2017

Data Source: Alaska Division of Public Health, Alaska Birth Defects Registry

	Alaska Native Children		Alaska Non-Native Children	
	Number	% of all Defects	Number	% of all Defects
Cardiovascular	519	33.3%	759	28.2%
Musculoskeletal	375	24.0%	707	26.2%
Orofacial	322	20.6%	440	16.3%
Genitourinary	127	8.1%	399	14.8%
Gastrointestinal	57	3.7%	63	2.3%
Chromosomal	55	3.5%	144	5.3%
Eye	53	3.4%	79	2.9%
Central Nervous System	42	2.7%	94	3.5%
Ear	10	0.6%	11	0.4%
Total	1,560	100.0%	2,696	100.0%

Note: These data contain unconfirmed birth defects detected to the Alaska Birth Defects Report Registry. The total number of birth defects do not equal the number of children with birth defects because children may have multiple defects.

Table C-60: Preterm Births (<37 weeks), 1997-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Sections

	Alaska Native Infants Statewide		Alaska White Infants Statewide	
	Number	%	Number	%
1997	330	12.7%	572	7.3%
1998	350	13.1%	554	7.1%
1999	311	11.7%	627	8.0%
2000	320	11.6%	547	7.0%
2001	359	12.8%	515	6.6%
2002	321	11.8%	516	6.6%
2003	336	12.1%	622	7.9%
2004	334	11.5%	628	8.0%
2005	358	11.8%	612	7.8%
2006	351	11.5%	715	9.1%
2007	358	11.5%	628	8.0%
2008	399	12.5%	619	7.9%
2009	441	13.3%	612	7.8%
2010	364	11.2%	594	7.6%
2011	381	12.0%	618	7.9%
2012	344	11.1%	519	6.6%
2013	342	12.1%	622	7.9%
2014	325	10.9%	467	7.2%
2015	355	11.9%	491	7.6%
2016	350	11.3%	467	7.4%
2017	322	11.4%	424	7.3%
2018	329	11.8%	417	7.5%
2019	366	13.4%	417	7.7%

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Table C-61: Length of Gestation, 2015-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Infants Statewide		Alaska White Infants Statewide	
	Number	%	Number	%
<28 weeks	94	0.7%	99	0.3%
28-36 weeks	1,628	11.3%	2,117	7.2%
37-42 weeks	12,665	87.9%	27,331	92.4%
>42 weeks	21	0.1%	35	0.1%
Total	14,408	100.0%	29,582	100.0%

Table C-62: Percent of Alaska Native Births That Were Preterm (<37 Weeks) by Tribal Health Region, 5-Year Aggregate, 2015-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Infants	
	Number	%
Aleutians & Pribilofs	23	15.0%
Yukon-Kuskokwim	421	13.0%
Anchorage/Mat-Su	569	12.5%
Copper River/Prince William Sound	18*	12.2%
Northwest Arctic	109	12.0%
Interior	175	11.6%
Bristol Bay	72	11.6%
Norton Sound	93	11.4%
Southeast	125	10.6%
Arctic Slope	52	9.5%
Kenai Peninsula	49	9.2%
Kodiak Area	13*	7.2%
Statewide	1,722	12.0%

Note: There were 3 preterm births with unknown region during 2015-2019. Rates based on fewer than 20 cases are not statistically reliable and should be used with caution.

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Table C-63: Low Birth Weight, 1997-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Infants Statewide		Alaska White Infants Statewide	
	Number	%	Number	%
1997	136	5.2%	352	5.5%
1998	153	5.7%	348	5.4%
1999	136	5.1%	335	5.4%
2000	150	5.4%	293	4.7%
2001	160	5.7%	310	5.0%
2002	157	5.8%	311	5.1%
2003	163	5.9%	343	5.5%
2004	179	6.2%	360	5.6%
2005	157	5.2%	349	5.5%
2006	156	5.1%	392	5.8%
2007	156	5.0%	371	5.5%
2008	204	6.4%	363	5.2%
2009	201	6.1%	348	5.2%
2010	194	6.0%	355	5.1%
2011	184	5.8%	364	5.2%
2012	199	6.4%	321	4.8%
2013	164	5.8%	390	5.4%
2014	206	6.9%	329	5.0%
2015	189	6.3%	346	5.4%
2016	181	5.8%	324	5.1%
2017	189	6.7%	317	5.4%
2018	181	6.5%	265	4.8%
2019	206	7.6%	278	5.1%

Table C-64: Births by Birth Weight, 2015-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Infants Statewide		Alaska White Infants Statewide	
	Number	%	Number	%
<1,500 grams	189	1.3%	214	0.7%
1500-2499 grams	757	5.3%	1,316	4.4%
2500-3999 grams	11,310	78.5%	24,053	81.3%
≥4000 grams	2,152	14.9%	3,999	13.5%
Total	14,408	100.0%	29,582	100.0%

Table C-65: Percent of Alaska Native Births That Were Low Weight (<2,500 Grams) by Tribal Health Region, 5-Year Aggregate, 2015-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Infants	
	Number	%
Aleutians & Pribilofs	14*	9.2%
Northwest Arctic	66	7.2%
Anchorage/Mat-Su	324	7.1%
Yukon-Kuskokwim	221	6.8%
Interior	96	6.3%
Kenai Peninsula	33	6.2%
Copper River/Prince William Sound	9*	6.1%
Norton Sound	49	6.0%
Southeast	69	5.9%
Arctic Slope	31	5.6%
Bristol Bay	29	4.7%
Statewide	946	6.6%

Note: There was 1 low weight birth with unknown region during 2015-2019. Rates based on fewer than 20 cases are not statistically reliable and should be used with caution. Number and rate not reported for <5 cases.

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Table C-66: First Trimester Prenatal Care Initiation, 2014-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Mothers Statewide		Alaska White Mothers Statewide	
	Total Births	%	Total Births	%
2014	1,923	64.5%	4,578	70.2%
2015	1,939	65.0%	4,709	73.2%
2016	2,061	66.6%	4,670	74.0%
2017	1,944	68.9%	4,361	74.8%
2018	1,856	66.6%	4,182	75.0%
2019	1,856	68.1%	3,996	73.5%

Note: This measure of prenatal care is based on the documented month that prenatal care began and is dependent on clinical and birth certificate documentation, and may underrepresent actual prenatal care received.

Table C-67: Prenatal Care Initiation by Trimester, 2015-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Mothers Statewide		Alaska White Mothers Statewide	
	Number	%	Number	%
1st Trimester	9,656	67.0%	21,918	74.1%
2nd Trimester	3,593	24.9%	5,366	18.1%
3rd Trimester	834	5.8%	1,353	4.6%
Unknown	325	2.3%	945	3.2%
Total	14,408	100.0%	29,582	100.0%

Table C-68: Percent of Alaska Native Mothers That Initiated First Trimester Prenatal Care by Tribal Health Region, 5-Year Aggregate, 2015-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Mothers	
	Number	%
Kodiak Area	139	77.2%
Aleutians & Pribilofs	117	76.5%
Anchorage/Mat-Su	3,358	73.6%
Southeast	853	72.5%
Northwest Arctic	649	71.2%
Norton Sound	571	70.0%
Interior	972	64.2%
Bristol Bay	394	63.2%
Arctic Slope	347	63.2%
Copper River/Prince William Sound	89	60.1%
Kenai Peninsula	317	59.5%
Yukon-Kuskokwim	1,848	57.1%
Statewide	9,656	67.0%

Note: There were 2 births that received first trimester prenatal care with unknown region during 2015-2019.

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Table C-69: Prenatal Tobacco Use, 2014-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Mothers Statewide		Alaska White Mothers Statewide	
	Number	%	Number	%
2014	1,039	34.8%	591	9.1%
2015	1,057	35.5%	547	8.5%
2016	873	28.2%	508	8.0%
2017	745	26.4%	406	7.0%
2018	697	25.0%	375	6.7%
2019	647	23.7%	358	6.6%

Table C-70: Percent of Alaska Native Mothers Who Used Tobacco During Pregnancy by Tribal Health Region, 5-Year Aggregate, 2015-2019

Data Source: Alaska Division of Public Health, Alaska Health Analytics and Vital Records Section

	Alaska Native Mothers	
	Number	%
Arctic Slope	262	47.7%
Norton Sound	368	45.1%
Northwest Arctic	393	43.1%
Bristol Bay	246	39.5%
Aleutians & Pribilofs	56	36.6%
Copper River/Prince William Sound	50	33.8%
Kenai Peninsula	145	27.2%
Kodiak Area	42	23.3%
Anchorage/Mat-Su	1,025	22.5%
Interior	329	21.7%
Southeast	201	17.1%
Yukon-Kuskokwim	201	6.2%
Statewide	3,319	23.0%

Note: There was 1 reported use of prenatal tobacco with unknown region during 2015-2019.

Table C-71: No Alcohol Use in Last Three Months of Pregnancy, 2004-2019

Data Source: Alaska Division of Public Health, Alaska Pregnancy Risk Assessment Monitoring System

AK Data Analysis: Alaska Division of Public Health, Section of Women's, Children's & Family Health, Maternal & Child Health Epidemiology Unit

	Alaska Native Mothers Statewide	Alaska White Mothers Statewide
	%	%
2004	96.5%	96.0%
2005	95.4%	94.1%
2006	97.0%	95.0%
2007	97.2%	94.4%
2008	95.8%	92.5%
2009	96.4%	92.8%
2010	95.3%	92.0%
2011	94.6%	92.4%
2012	95.5%	92.7%
2013	95.4%	90.5%
2014	96.2%	91.4%
2015	96.6%	90.5%
2016	95.3%	96.1%
2017	96.2%	92.5%
2018	95.2%	93.3%
2019	94.4%	94.2%

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Table C-72: Prenatal Physical Abuse by Husband, Partner, or Ex-partner, 2004-2019

Data Source: Alaska Division of Public Health, Alaska Pregnancy Risk Assessment Monitoring System

AK Data Analysis: Alaska Division of Public Health, Section of Women's, Children's & Family Health, Maternal & Child Health Epidemiology Unit

	Alaska Native Women Statewide	Alaska White Women Statewide
	%	%
2004	6.9%	1.3%
2005	5.3%	3.5%
2006	6.3%	2.1%
2007	4.4%	2.4%
2008	4.0%	2.6%
2009	6.6%	2.1%
2010	6.7%	3.2%
2011	4.1%	2.1%
2012	3.6%	1.1%
2013	4.8%	1.9%
2014	5.1%	1.7%
2015	5.8%	2.3%
2016	4.7%	1.2%
2017	5.8%	1.7%
2018	5.0%	2.3%
2019	6.1%	1.1%

Note: Starting in 2016, physical abuse includes abuse from an ex-partner.

Table C-73: Prenatal Emotional Abuse by Husband or Partner, 2004-2019

Data Source: Alaska Division of Public Health, Alaska Pregnancy Risk Assessment Monitoring System

AK Data Analysis: Alaska Division of Public Health, Section of Women's, Children's & Family Health, Maternal & Child Health Epidemiology Unit

	Alaska Native Women Statewide	Alaska White Women Statewide
	%	%
2004	9.3%	2.3%
2005	6.5%	3.4%
2006	6.5%	2.8%
2007	4.4%	3.3%
2008	7.3%	4.8%
2009	4.0%	1.8%
2010	6.5%	2.9%
2011	5.1%	3.0%
2012	3.3%	2.3%
2013	6.1%	3.7%
2014	3.7%	2.4%
2015	4.8%	3.3%
2016	7.4%	2.5%
2017	5.7%	2.7%
2018	4.8%	2.6%
2019	4.0%	1.5%

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Table C-74: Breastfeeding Initiation, 2004-2019

Data Source: Alaska Division of Public Health, Alaska Pregnancy Risk Assessment Monitoring System

AK Data Analysis: Alaska Division of Public Health, Section of Women's, Children's & Family Health, Maternal & Child Health Epidemiology Unit

	Alaska Native Women Statewide	Alaska White Women Statewide
	%	%
2004	88.3%	93.3%
2005	89.5%	92.6%
2006	91.4%	94.4%
2007	88.7%	92.3%
2008	88.7%	92.7%
2009	90.8%	94.0%
2010	92.6%	94.2%
2011	93.6%	96.3%
2012	91.6%	96.0%
2013	94.5%	96.3%
2014	97.0%	96.4%
2015	94.8%	96.4%
2016	96.2%	96.2%
2017	91.3%	96.3%
2018	95.2%	96.1%
2019	90.8%	96.8%

Table C-75: Breastfeeding at 8 Weeks, 2004-2019

Data Source: Alaska Division of Public Health, Alaska Pregnancy Risk Assessment Monitoring System

AK Data Analysis: Alaska Division of Public Health, Section of Women's, Children's & Family Health, Maternal & Child Health Epidemiology Unit

	Alaska Native Women Statewide	Alaska White Women Statewide
	%	%
2004	62.0%	73.8%
2005	66.9%	74.8%
2006	65.7%	76.3%
2007	60.9%	76.3%
2008	65.3%	75.9%
2009	64.2%	74.4%
2010	64.1%	78.4%
2011	68.6%	78.7%
2012	71.7%	82.1%
2013	71.3%	84.1%
2014	71.1%	85.2%
2015	76.4%	84.9%
2016	78.3%	87.2%
2017	74.1%	83.4%
2018	78.7%	85.4%
2019	73.9%	84.4%

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Table C-76: Abstained from Sweetened Drinks on Previous Day, 3–Year–Old Children, 2014-2015 to 2018-2019

Data Source: Alaska Division of Public Health, Alaska Childhood Understanding Behaviors Survey (CUBS)

Data Analysis: Alaska Division of Public Health, Section of Women's, Children's & Family Health, Maternal & Child Health Epidemiology Unit

		Alaska Native Children Statewide	Alaska White Children Statewide
2014-2015	n (unweighted)	366	458
	% (weighted)	44.9%	82.5%
	95% Confidence Interval	(39.6%-50.3%)	(77.6%-86.6%)
2016-2017	n (unweighted)	387	497
	% (weighted)	45.6%	84.2%
	95% Confidence Interval	(40.5%-50.8%)	(79.7%-87.8%)
2018-2019	n (unweighted)	397	458
	% (weighted)	52.5%	80.6%
	95% Confidence Interval	(47.4%-57.6%)	(75.6%-84.9%)

Note: Alaska total population includes respondents with unknown race.

Table C-77: Abstained from Soda on Previous Day, 3–Year–Old Children, 2014-2015 to 2018-2019

Data Source: Alaska Division of Public Health, Alaska Childhood Understanding Behaviors Survey (CUBS)

Data Analysis: Alaska Division of Public Health, Section of Women's, Children's & Family Health, Maternal & Child Health Epidemiology Unit

		Alaska Native Children Statewide	Alaska White Children Statewide
2014-2015	n (unweighted)	362	460
	% (weighted)	70.8%	89.2%
	95% Confidence Interval	(65.6%-75.5%)	(85.1%-92.2%)
2016-2017	n (unweighted)	388	493
	% (weighted)	79.0%	91.0%
	95% Confidence Interval	(74.4%-83.0%)	(87.2%-93.7%)
2018-2019	n (unweighted)	390	458
	% (weighted)	84.1%	90.8%
	95% Confidence Interval	(79.9%-87.6%)	(86.8%-93.6%)

Note: Alaska total population includes respondents with unknown race.

Table C-78: Sweetened Drink Consumption on Previous Day, 3–Year–Old Alaska Native Children, 2018-2019

Data Source: Alaska Division of Public Health, Alaska Childhood Understanding Behaviors Survey (CUBS)

Data Analysis: Alaska Division of Public Health, Section of Women's, Children's & Family Health, Maternal & Child Health Epidemiology Unit

Alaska Native Children Statewide			
n (unweighted)			
397	Amount	% (weighted)	95% Confidence Interval
	<1 Cup	92.6%	(89.3%-95.0%)
	1-2 Cups	28.5%	(24.0%-33.4%)
	More than 2 Cups	13.6%	(10.4%-17.6%)

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Table C-79: Soda Consumption on Previous Day, 3–Year–Old Alaska Native Children, 2018-2019

Data Source: Alaska Division of Public Health, Alaska Childhood Understanding Behaviors Survey (CUBS)

Data Analysis: Alaska Division of Public Health, Section of Women's, Children's & Family Health, Maternal & Child Health Epidemiology Unit

Alaska Native Children Statewide			
n (unweighted)	Amount	% (weighted)	95% Confidence Interval
390	<1 Cup	92.6%	(89.3%-95.0%)
	1-2 Cups	6.3%	(4.1%-9.4%)
	More than 2 Cups	1.1%	(0.4%-3.2%)

Table C-80: Childhood Witness to Violence, 3–Year–Old Children, 2014-2015 to 2018-2019

Data Source: Alaska Division of Public Health, Alaska Childhood Understanding Behaviors Survey (CUBS)

Data Analysis: Alaska Division of Public Health, Section of Women's, Children's & Family Health, Maternal & Child Health Epidemiology Unit

		Alaska Native Children Statewide	Alaska White Children Statewide
2014-2015	n (unweighted)	377	486
	% (weighted)	8.9%	3.0%
	95% Confidence Interval	(6.3%-12.4%)	(1.5%-5.7%)
2016-2017	n (unweighted)	392	520
	% (weighted)	7.9%	3.6%
	95% Confidence Interval	(5.5%-11.2%)	(2.0%-6.6%)
2018-2019	n (unweighted)	402	478
	% (weighted)	10.0%	2.3%
	95% Confidence Interval	(7.2%-13.7%)	(1.1%-4.9%)

Note: Alaska total population includes respondents with unknown race.

Table C-81: Dental Caries Among 3–Year–Old Children, 2014-2015 to 2018-2019

Data Source: Alaska Division of Public Health, Alaska Childhood Understanding Behaviors Survey (CUBS)

Data Analysis: Alaska Division of Public Health, Section of Women's, Children's & Family Health, Maternal & Child Health Epidemiology Unit

		Alaska Native Children Statewide	Alaska White Children Statewide
2014-2015	n (unweighted)	377	484
	% (weighted)	42.7%	8.3%
	95% Confidence Interval	(37.5%-48.0%)	(5.7%-11.9%)
2016-2017	n (unweighted)	395	518
	% (weighted)	41.1%	10.3%
	95% Confidence Interval	(36.1%-46.2%)	(7.4%-14.2%)
2018-2019	n (unweighted)	403	479
	% (weighted)	41.1%	7.3%
	95% Confidence Interval	(36.2%-46.3%)	(4.9%-10.7%)

Note: Alaska total population includes respondents with unknown race.

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Table C-82: Dental Caries Among Alaska Kindergarten Children, 2004-2005 to 2010-2011*

Data Source: Alaska Division of Public Health, Alaska Oral Health Assessment

		Alaska Native Children	Alaska White Children
2004-2005	n	70	295
	%	75.7%	37.6%
	95% Confidence Interval	(64.0%-85.2%)	(32.1%-43.4%)
2007-2008	n	133	415
	%	66.9%	31.1%
	95% Confidence Interval	(58.2%-74.8%)	(26.7%-35.8%)
2010-2011	n	128	293
	%	63.3%	28.0%
	95% Confidence Interval	(54.3%-71.6%)	(22.9%-33.5%)

Table C-83: Dental Caries Among Alaska Third Grade Children, 2004-2005 to 2010-2011*

Data Source: Alaska Division of Public Health, Alaska Oral Health Assessment

		Alaska Native Children	Alaska White Children
2004-2005	n	283	580
	%	87.3%	54.7%
	95% Confidence Interval	(82.8%-90.9%)	50.5-58.7
2007-2008	n	131	444
	%	75.6%	53.2%
	95% Confidence Interval	(67.3%-82.7%)	48.4-57.9
2010-2011	n	157	279
	%	83.4%	48.4%
	95% Confidence Interval	(76.7%-88.9%)	(42.4%-54.4%)

Table C-84: High School Student Social Support, 2007-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2007	n	249	742
	%	39.5%	49.7%
	Confidence Interval	(32.6%-46.7%)	(45.2%-54.1%)
2009	n	299	603
	%	34.1%	50.8%
	Confidence Interval	(25.6%-43.7%)	(46.5%-55.1%)
2011	n	297	651
	%	36.9%	49.3%
	Confidence Interval	(31.3%-42.8%)	(44.8%-53.7%)
2013	n	275	592
	%	38.6%	47.8%
	Confidence Interval	(29.0%-49.2%)	(43.9%-51.6%)
2015	n	349	655
	%	40.8%	50.2%
	Confidence Interval	(35.9%-45.8%)	(45.3%-55.1%)
2017	n	339	571
	%	39.4%	50.2%
	Confidence Interval	(28.7%-51.3%)	(46.4%-54.1%)
2019	n	410	882
	%	46.4%	53.2%
	Confidence Interval	(38.1%-55.0%)	(48.5%-57.9%)

* The Alaska Oral Health Assessment survey methodology uses non-probability quota sampling from a sample of randomly selected Alaska schools. The results may not be representative of all Alaskan kindergarten children. The Alaska total population includes all other races and respondents with unknown race. This report shows the most recent available data (2010-2011). Caution is advised when attempting to compare data between years due to unequal reporting intervals.

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Table C-85: High School Student Depression, 2007-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2007	n	257	752
	%	31.7%	24.4%
	Confidence Interval	(26.6%-37.4%)	(20.4%-28.9%)
2009	n	300	615
	%	25.6%	24.0%
	Confidence Interval	(20.0%-32.2%)	(20.2%-28.2%)
2011	n	294	653
	%	23.4%	25.5%
	Confidence Interval	(19.7%-27.6%)	(21.1%-30.5%)
2013	n	278	584
	%	31.3%	24.3%
	Confidence Interval	(26.5%-36.5%)	(20.3%-28.6%)
2015	n	356	672
	%	30.9%	35.1%
	Confidence Interval	(23.3%-39.7%)	(30.0%-40.6%)
2017	n	333	565
	%	36.2%	37.5%
	Confidence Interval	(30.4%-42.5%)	(32.3%-43.0%)
2019	n	432	916
	%	43.1%	34.2%
	Confidence Interval	(35.2%-51.4%)	(29.9%-38.8%)

Table C-86: High School Student Suicide Attempts, 2007-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2007	n	220	665
	%	20.2%	6.7%
	Confidence Interval	(13.5%-29.1%)	(4.9%-9.2%)
2009	n	263	535
	%	12.5%*	6.4%
	Confidence Interval	(6.1%-24.1%)	(4.4%-9.3%)
2011	n	262	572
	%	12.0%*	6.3%
	Confidence Interval	(6.4%-21.5%)	(4.3%-9.3%)
2013	n	248	522
	%	15.2%	3.9%
	Confidence Interval	(10.5%-21.6%)	(2.7%-5.4%)
2015	n	303	599
	%	13.7%	7.1%
	Confidence Interval	(10.2%-18.0%)	(5.2%-9.7%)
2017	n	293	511
	%	16.8%	9.0%
	Confidence Interval	(12.1%-22.8%)	(6.2%-12.8%)
2019	n	432	921
	%	24.3%	15.1%
	Confidence Interval	(16.8%-33.8%)	(12.2%-18.5%)

Note: Data marked with an * are considered unstable and should be used with caution.

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Table C-87: High School Student Physical Activity, 2007-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2007	n	248	744
	%	9.6%	21.1%
	Confidence Interval	(5.6%-16.0%)	(17.6%-25.1%)
2009	n	296	609
	%	17.1%	22.8%
	Confidence Interval	(11.6%-24.4%)	(19.0%-27.2%)
2011	n	300	651
	%	23.3%	20.9%
	Confidence Interval	(16.4%-31.9%)	(17.6%-24.5%)
2013	n	280	593
	%	18.9%	22.7%
	Confidence Interval	(14.2%-24.6%)	(19.0%-26.8%)
2015	n	350	658
	%	21.2%	21.2%
	Confidence Interval	(17.2%-25.8%)	(17.9%-24.9%)
2017	n	342	572
	%	15.8%	23.1%
	Confidence Interval	(12.7%-19.6%)	(18.8%-27.9%)
2019	n	420	895
	%	17.5%	21.2%
	Confidence Interval	(12.0%-24.8%)	(17.5%-25.4%)

Table C-88: High School Student Obesity, 2007-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2007	n	237	732
	%	12.8%	10.1%
	Confidence Interval	(8.2%-19.3%)	(7.9%-12.7%)
2009	n	290	609
	%	11.4%	10.9%
	Confidence Interval	(8.8%-14.7%)	(8.0%-14.7%)
2011	n	292	645
	%	14.8%	9.9%
	Confidence Interval	(10.8%-20.0%)	(7.9%-12.3%)
2013	n	267	571
	%	15.8%	9.5%
	Confidence Interval	(11.2%-21.7%)	(7.4%-12.2%)
2015	n	339	648
	%	14.1%	11.1%
	Confidence Interval	(10.7%-18.4%)	(8.8%-13.8%)
2017	n	328	561
	%	14.2%	11.9%
	Confidence Interval	(11.3%-17.8%)	(9.0%-15.6%)
2019	n	407	878
	%	17.5%	11.4%
	Confidence Interval	(11.9%-25.0%)	(8.9%-14.4%)

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Table C-89: High School Student Healthy Weight, 2007-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2007	n	237	732
	%	64.3%	73.9%
	Confidence Interval	(54.7%-72.9%)	(70.3%-77.2%)
2009	n	290	609
	%	71.9%	74.9%
	Confidence Interval	(66.0%-77.1%)	(70.4%-78.9%)
2011	n	292	645
	%	67.3%	75.2%
	Confidence Interval	(60.7%-73.3%)	(71.2%-78.8%)
2013	n	267	571
	%	70.2%	73.1%
	Confidence Interval	(63.2%-76.5%)	(68.8%-77.1%)
2015	n	339	648
	%	68.4%	70.9%
	Confidence Interval	(61.7%-74.4%)	(67.1%-74.5%)
2017	n	328	561
	%	61.1%	71.6%
	Confidence Interval	(56.0%-65.9%)	(65.7%-76.9%)
2019	n	407	878
	%	66.3%	71.0%
	Confidence Interval	(59.7%-72.3%)	(66.2%-75.4%)

Table C-90: High School Student Current Smoking, 2007-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2007	n	238	721
	%	31.7%	14.1%
	Confidence Interval	(24.4%-40.2%)	(11.3%-17.4%)
2009	n	275	586
	%	23.8%	13.8%
	Confidence Interval	(16.9%-32.6%)	(10.7%-17.6%)
2011	n	275	632
	%	26.4%	10.6%
	Confidence Interval	(16.3%-39.8%)	(7.5%-14.9%)
2013	n	260	571
	%	18.5%	7.7%
	Confidence Interval	(12.9%-25.8%)	(5.6%-10.5%)
2015	n	331	662
	%	19.7%	6.8%
	Confidence Interval	(14.6%-26.1%)	(4.9%-9.3%)
2017	n	320	556
	%	18.0%	7.0%
	Confidence Interval	(12.1%-25.8%)	(4.9%-10.0%)
2019	n	422	899
	%	12.6%	4.8%
	Confidence Interval	(9.6%-16.3%)	(3.1%-7.5%)

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Table C-91: High School Student Current Smokeless Tobacco Use, 2007-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2007	n	252	749
	%	16.5%*	8.2%
	Confidence Interval	(8.0%-31.1%)	(6.3%-10.6%)
2009	n	288	605
	%	22.1%	10.5%
	Confidence Interval	(14.6%-32.1%)	(7.3%-14.8%)
2011	n	303	656
	%	12.4%	6.0%
	Confidence Interval	(9.3%-16.4%)	(4.4%-8.2%)
2013	n	274	587
	%	18.5%	4.0%
	Confidence Interval	(11.4%-28.5%)	(2.6%-6.0%)
2015	n	348	668
	%	24.4%	5.3%
	Confidence Interval	(16.4%-34.8%)	(3.6%-7.8%)
2017	n	341	570
	%	16.0%*	5.1%
	Confidence Interval	(8.1%-29.1%)	(3.5%-7.3%)
2019	n	425	913
	%	20.2%*	3.4%*
	Confidence Interval	(10.5%-35.3%)	(1.8%-6.5%)

Note: Data marked with an * are considered unstable and should be used with caution.

Table C-92: High School Student Current Drinking, 2007-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2007	n	223	700
	%	40.7%	42.2%
	Confidence Interval	(29.9%-52.6%)	(38.1%-46.3%)
2009	n	270	576
	%	32.0%	35.2%
	Confidence Interval	(27.1%-37.3%)	(30.4%-40.3%)
2011	n	274	614
	%	21.0%	32.0%
	Confidence Interval	(15.4%-28.0%)	(27.5%-36.9%)
2013	n	246	544
	%	17.8%	25.8%
	Confidence Interval	(13.5%-23.1%)	(21.3%-30.9%)
2015	n	323	633
	%	18.8%	24.0%
	Confidence Interval	(14.5%-23.8%)	(20.8%-27.5%)
2017	n	312	527
	%	20.1%	28.0%
	Confidence Interval	(13.0%-29.7%)	(23.6%-33.0%)
2019	n	393	846
	%	16.7%	25.3%
	Confidence Interval	(12.5%-21.8%)	(21.3%-29.9%)

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Table C-93: High School Student Current Binge Drinking, 2017-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2017	n	336	557
	%	13.5%	16.6%
	Confidence Interval	(7.9%-22.0%)	(14.0%-19.6%)
2019	n	413	895
	%	10.8%	14.5%
	Confidence Interval	(7.5%-15.4%)	(11.9%-17.6%)

Table C-94: High School Student Current Marijuana Use, 2007-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2007	n	247	740
	%	31.8%	17.4%
	Confidence Interval	(23.2%-41.7%)	(14.4%-20.9%)
2009	n	295	605
	%	28.7%	19.9%
	Confidence Interval	(20.9%-37.9%)	(16.4%-24.1%)
2011	n	293	647
	%	26.3%	19.8%
	Confidence Interval	(18.3%-36.2%)	(16.8%-23.3%)
2013	n	273	584
	%	29.4%	17.0%
	Confidence Interval	(24.0%-35.3%)	(14.1%-20.3%)
2015	n	340	651
	%	25.8%	15.1%
	Confidence Interval	(19.9%-32.7%)	(12.1%-18.8%)
2017	n	323	548
	%	31.0%	17.9%
	Confidence Interval	(24.8%-38.0%)	(14.2%-22.5%)
2019	n	408	880
	%	27.8%	19.4%
	Confidence Interval	(17.8%-40.6%)	(16.5%-22.7%)

Table C-95: High School Student Prescription Pain Medicine Misuse, 2017-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2017	n	343	569
	%	16.2%	15.2%
	Confidence Interval	(11.9%-21.7%)	(12.1%-19.0%)
2019	n	425	903
	%	13.7%	14.0%
	Confidence Interval	(9.5%-19.3%)	(11.1%-17.5%)

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Table C-96: High School Student Soda Consumption, 2007-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2007	n	252	753
	%	31.3%	18.5%
	Confidence Interval	(26.0%-37.1%)	(15.2%-22.4%)
2009	n	299	609
	%	31.4%	14.0%
	Confidence Interval	(26.1%-37.4%)	(11.7%-16.6%)
2011	n	302	654
	%	28.3%	13.9%
	Confidence Interval	(22.5%-35.0%)	(11.3%-17.0%)
2013	n	281	594
	%	21.8%	11.9%
	Confidence Interval	(16.3%-28.4%)	(9.2%-15.1%)
2015	n	350	664
	%	30.1%	12.6%
	Confidence Interval	(25.0%-35.8%)	(10.3%-15.4%)
2017	n	342	569
	%	18.3%	12.7%
	Confidence Interval	(13.6%-24.2%)	(9.0%-17.7%)
2019	n	424	897
	%	16.7%	10.2%
	Confidence Interval	(10.5%-25.8%)	(7.8%-13.3%)

Table C-97: High School Student Sexual Activity, 2007-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students Statewide	Alaska White Students Statewide
2007	n	238	704
	%	49.3%	45.2%
	Confidence Interval	(43.6%-55.1%)	(40.3%-50.2%)
2009	n	268	582
	%	49.4%	41.3%
	Confidence Interval	(42.3%-56.5%)	(35.8%-47.0%)
2011	n	275	614
	%	42.6%	35.9%
	Confidence Interval	(34.6%-50.9%)	(30.3%-41.9%)
2013	n	250	551
	%	50.0%	35.7%
	Confidence Interval	(44.3%-55.7%)	(30.3%-41.5%)
2015	n	306	625
	%	44.4%	31.8%
	Confidence Interval	(40.2%-48.7%)	(27.3%-36.6%)
2017	n	301	538
	%	39.2%	37.1%
	Confidence Interval	(32.4%-46.4%)	(30.7%-44.0%)
2019	n	372	806
	%	42.8%	35.7%
	Confidence Interval	(37.1%-48.7%)	(31.1%-40.5%)

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Table C-98: High School Student Bullying, 2009-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students	Alaska White Students
		Statewide	Statewide
2009	n	301	614
	%	18.6%	22.3%
	Confidence Interval	(14.8%-22.9%)	(18.3%-26.9%)
2011	n	303	659
	%	19.1%	25.3%
	Confidence Interval	(14.5%-24.7%)	(21.5%-29.6%)
2013	n	284	593
	%	19.8%	21.1%
	Confidence Interval	(15.4%-25.0%)	(17.3%-25.6%)
2015	n	354	670
	%	25.5%	21.7%
	Confidence Interval	(19.6%-32.4%)	(18.9%-24.8%)
2017	n	346	575
	%	24.8%	25.4%
	Confidence Interval	(19.3%-31.3%)	(21.6%-29.7%)
2019	n	431	917
	%	31.8%	23.7%
	Confidence Interval	(25.0%-39.5%)	(19.9%-27.9%)

Table C-99: High School Student Intimate Partner Violence, 2013-2019

Data Source: Alaska Division of Public Health, Alaska Youth Risk Behavior Surveillance System

		Alaska Native Students	Alaska White Students
		Statewide	Statewide
2013	n	194	376
	%	10.3%	7.1%
	Confidence Interval	(6.9%-15.1%)	(5.1%-10.0%)
2015	n	229	406
	%	9.8%	8.4%
	Confidence Interval	(5.8%-16.0%)	(5.8%-12.0%)
2017	n	195	336
	%	4.5%*	7.2%
	Confidence Interval	(2.4%-8.2%)	(5.0%-10.4%)
2019	n	257	541
	%	14.0%*	6.0%
	Confidence Interval	(6.4%-27.6%)	(3.8%-9.2%)

Note: Data marked with an * are considered unstable and should be used with caution.

Table C-100: Adult General Health Status (Very Good/Excellent), 2000-2004 to 2015-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People		Alaska Non-Natives	
	Statewide		Statewide	
	%	95% Confidence Interval	%	95% Confidence Interval
2000-2004	39.8%	(37.0%-42.6%)	58.6%	(57.3%-59.8%)
2005-2009	39.0%	(37.0%-41.0%)	55.4%	(54.1%-56.8%)
2010-2014	38.1%	(36.1%-40.1%)	54.9%	(53.6%-56.3%)
2015-2018	40.4%	(37.4%-43.4%)	54.2%	(52.8%-55.6%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

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Table C-101: Percent of Alaska Native Adults With General Health Status of Very Good/Excellent by Tribal Health Region, 2015-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

Alaska Native People		
	%	95% Confidence Interval
Norton Sound	29.0%	(19.0%-39.0%)
Aleutians & Pribilofs	31.2%	(16.2%-46.3%)
Southeast	38.7%	(31.5%-45.8%)
Yukon-Kuskokwim	39.2%	(31.3%-47.0%)
Kenai Peninsula	40.1%	(26.4%-53.7%)
Anchorage/Mat-Su	41.2%	(35.0%-47.4%)
Kodiak Area	41.6%	(22.5%-60.7%)
Interior	42.1%	(35.9%-48.3%)
Northwest Arctic	43.4%	(31.1%-55.8%)
Bristol Bay	46.5%	(33.2%-59.8%)
Arctic Slope	46.8%	(28.8%-64.8%)
Copper River/ Prince William Sound	47.8%	(29.8%-65.8%)
Statewide	40.4%	(37.4%-43.4%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-102: Adult Frequent Mental Distress, 1999-2003 to 2014-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence Interval	%	95% Confidence Interval
1999-2003	8.7%	(6.9%-10.5%)	8.0%	(7.2%-8.7%)
2004-2008	9.4%	(8.0%-10.9%)	9.9%	(9.1%-10.8%)
2009-2013	11.0%	(7.6%-14.4%)	8.9%	(8.1%-9.7%)
2014-2018	12.2%	(10.4%-14.0%)	10.2%	(9.5%-11.0%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

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Table C-103: Percent of Alaska Native Adults That Experienced Frequent Mental Distress by Tribal Health Region, 2014-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People	
	%	95% Confidence Interval
Northwest Arctic	7.6%	(3.5%-11.7%)
Yukon-Kuskokwim	8.8%	(5.1%-12.6%)
Norton Sound	10.0%	(3.9%-16.1%)
Aleutians & Pribilofs	11.8%	(0.0%-24.1%)
Interior	11.9%	(7.9%-16.0%)
Copper River/Prince William Sound	12.1%	(4.2%-20.0%)
Kenai Peninsula	13.6%	(2.5%-24.7%)
Southeast	13.7%	(9.3%-18.0%)
Anchorage/Mat-Su	14.9%	(11.0%-18.8%)
Bristol Bay	15.2%	(2.1%-28.3%)
Kodiak Area	15.5%	(9.0%-21.9%)
Statewide	12.2%	(10.4%-14.0%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution. Percent not reported for <5 cases.

Table C-104: Adult Physical Activity, 2015-2017

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence Interval	%	95% Confidence Interval
2015	19.9%	(14.9%-24.8%)	24.7%	(21.9%-27.5%)
2017	18.0%	(11.8%-24.3%)	23.1%	(20.2%-26.0%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-105: Percent of Alaska Native Adults That Met Physical Activity Recommendations by Tribal Health Region, 2-Year Aggregate, 2015 and 2017

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People	
	%	95% Confidence Interval
Aleutians & Pribilofs	10.4%	(1.3%-19.6%)
Norton Sound	14.9%	(0.0%-30.8%)
Southeast	16.8%	(8.2%-25.4%)
Anchorage/Mat-Su	19.2%	(11.0%-27.3%)
Interior	19.4%	(12.2%-26.5%)
Yukon-Kuskokwim	19.9%	(11.7%-28.0%)
Bristol Bay	25.1%	(3.0%-47.1%)
Statewide	18.9%	(14.8%-22.9%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution. Percent not reported for <5 cases.

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Table C-106: Adult Obesity, 2000-2004 to 2015-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence Interval	%	95% Confidence Interval
2000-2004	28.5%	(26.0%-31.2%)	22.7%	(21.6%-23.8%)
2005-2009	34.0%	(32.1%-36.1%)	27.4%	(26.1%-28.6%)
2010-2014	35.2%	(33.2%-37.3%)	27.7%	(26.5%-29.0%)
2015-2018	36.3%	(33.3%-39.2%)	31.1%	(29.8%-32.5%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-107: Percent of Alaska Native Adults That Were Obese by Tribal Health Region, 2015-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People	
	%	95% Confidence Interval
Bristol Bay	28.5%	(19.7%-37.3%)
Yukon-Kuskokwim	28.9%	(21.4%-36.3%)
Copper River/Prince William Sound	31.6%	(15.5%-47.6%)
Kenai Peninsula	33.0%	(20.4%-45.5%)
Interior	35.2%	(28.9%-41.4%)
Kodiak Area	36.2%	(20.0%-52.3%)
Southeast	36.5%	(29.6%-43.4%)
Northwest Arctic	36.6%	(24.6%-48.6%)
Anchorage/Mat-Su	37.6%	(31.2%-43.9%)
Norton Sound	39.2%	(27.2%-51.3%)
Arctic Slope	48.2%	(29.0%-67.5%)
Aleutians & Pribilofs	55.3%	(37.4%-73.2%)
Statewide	36.3%	(33.3%-39.2%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-108: Adult Overweight, 2000-2004 to 2015-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence Interval	%	95% Confidence Interval
2000-2004	38.8%	(35.9%-41.7%)	38.8%	(37.5%-40.1%)
2005-2009	37.3%	(35.2%-39.5%)	37.9%	(36.5%-39.3%)
2010-2014	34.9%	(32.9%-37.0%)	38.0%	(36.7%-39.4%)
2015-2018	31.3%	(28.5%-34.2%)	35.6%	(34.3%-37.0%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

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Table C-109: Percent of Alaska Native Adults That Were Overweight by Tribal Health Region, 2015-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

Alaska Native People		
	%	95% Confidence Interval
Norton Sound	16.4%	(9.9%-22.8%)
Aleutians & Pribilofs	25.0%	(11.4%-38.6%)
Kodiak Area	29.1%	(8.5%-49.6%)
Anchorage/Mat-Su	30.8%	(25.0%-36.6%)
Interior	31.4%	(25.4%-37.4%)
Copper River/Prince William Sound	31.6%	(16.3%-46.9%)
Yukon-Kuskokwim	32.1%	(24.9%-39.3%)
Kenai Peninsula	32.9%	(18.2%-47.5%)
Northwest Arctic	34.2%	(21.8%-46.6%)
Bristol Bay	35.6%	(23.0%-48.3%)
Arctic Slope	36.7%	(17.4%-56.0%)
Southeast	37.2%	(30.0%-44.5%)
Statewide	31.3%	(28.5%-34.2%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-110: Adult Current Smoking, 2000-2004 to 2015-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence Interval	%	95% Confidence Interval
2000-2004	40.6%	(38.0%-43.3%)	26.5%	(25.3%-27.6%)
2005-2009	39.2%	(37.1%-41.2%)	24.0%	(22.8%-25.2%)
2010-2014	36.4%	(34.4%-38.4%)	20.9%	(19.7%-22.0%)
2015-2018	36.4%	(33.4%-39.4%)	15.8%	(14.7%-16.8%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

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Table C-111: Percent of Alaska Native Adults That Were Current Smokers by Tribal Health Region, 2015-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

Alaska Native People		
	%	95% Confidence Interval
Copper River/Prince William Sound	30.0%	(14.3%-45.6%)
Aleutians & Pribilofs	31.5%	(13.6%-49.3%)
Anchorage/Mat-Su	31.5%	(25.4%-37.7%)
Kodiak Area	31.6%	(13.4%-49.9%)
Southeast	33.0%	(25.9%-40.0%)
Interior	34.4%	(28.2%-40.6%)
Bristol Bay	38.5%	(24.4%-52.6%)
Kenai Peninsula	39.0%	(24.6%-53.4%)
Yukon-Kuskokwim	41.3%	(33.2%-49.4%)
Northwest Arctic	43.5%	(31.2%-55.8%)
Arctic Slope	52.3%	(33.5%-71.2%)
Norton Sound	53.5%	(41.8%-65.1%)
Statewide	36.4%	(33.4%-39.4%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-112: Adult Current Smokeless Tobacco Use, 2005-2009 to 2015-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence Interval	%	95% Confidence Interval
2005-2009	10.1%	(9.1%-11.3%)	4.9%	(4.3%-5.5%)
2010-2014	12.8%	(11.3%-14.4%)	5.1%	(4.5%-5.7%)
2015-2018	12.7%	(10.4%-15.0%)	4.8%	(4.1%-5.5%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-113: Percent of Alaska Native Adults That Were Current Smokeless Tobacco Users by Tribal Health Region, 2015-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

Alaska Native People		
	%	95% Confidence Interval
Southeast	1.5%	(0.1%-2.9%)
Arctic Slope	6.7%	(0.0%-13.7%)
Anchorage/Mat-Su	7.2%	(3.7%-10.7%)
Interior	9.3%	(5.6%-13.0%)
Kenai Peninsula	11.5%	(2.3%-20.8%)
Northwest Arctic	14.9%	(3.3%-26.5%)
Aleutians & Pribilofs	15.8%	(1.1%-30.5%)
Norton Sound	26.6%	(12.5%-40.7%)
Bristol Bay	28.7%	(10.4%-47.0%)
Yukon-Kuskokwim	40.0%	(31.7%-48.3%)
Statewide	12.7%	(10.4%-15.0%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution. Percent not reported for <5 cases.

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Table C-114: Adult Current Binge Drinking, 1995-1999 to 2015-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence Interval	%	95% Confidence Interval
1995-1999	20.1%	(17.7%-22.7%)	18.7%	(17.5%-20.0%)
2000-2004	19.5%	(17.4%-21.8%)	18.4%	(17.4%-19.5%)
2005-2009	17.1%	(15.2%-19.1%)	17.7%	(16.6%-18.9%)
2010-2014	19.8%	(17.6%-22.2%)	19.5%	(18.4%-20.5%)
2015-2018	19.1%	(16.5%-21.6%)	16.4%	(16.4%-18.8%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-115: Percent of Alaska Native Adults That Currently Binge Drank by Tribal Health Region, 2015-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People	
	%	95% Confidence Interval
Kenai Peninsula	12.8%	(4.0%-21.5%)
Anchorage/Mat-Su	15.1%	(10.5%-19.6%)
Interior	17.5%	(12.3%-22.7%)
Northwest Arctic	18.1%	(8.2%-28.1%)
Southeast	20.1%	(13.2%-26.9%)
Norton Sound	22.8%	(12.7%-32.9%)
Yukon-Kuskokwim	23.1%	(15.3%-30.8%)
Arctic Slope	24.3%	(8.7%-40.0%)
Aleutians & Pribilofs	28.5%	(8.1%-49.0%)
Bristol Bay	32.1%	(17.3%-46.8%)
Statewide	19.1%	(16.5%-21.6%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution. Percent not reported for <5 cases.

Table C-116: Adults Meeting Fruit and Vegetable Consumption Recommendations, 2011-2017

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence Interval	%	95% Confidence Interval
2011	11.7%	(7.6%-17.6%)	10.4%	(9.0%-11.8%)
2013	9.0%	(6.2%-12.9%)	12.0%	(10.4%-13.5%)
2015	6.7%	(3.4%-10.0%)	12.5%	(10.4%-14.6%)
2017	9.0%	(3.7%-14.2%)	5.6%	(3.9%-7.3%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

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Table C-117: Percent of Alaska Native Adults That Met Fruit and Vegetable Consumption Recommendations by Tribal Health Region, 2-Year Aggregate, 2015 and 2017

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

Alaska Native People		
	%	95% Confidence Interval
Yukon-Kuskokwim	2.6%	(0.3%-5.0%)
Interior	3.5%	(0.1%-6.9%)
Bristol Bay	4.3%	(0.9%-7.7%)
Anchorage/Mat-Su	6.8%	(1.5%-12.0%)
Norton Sound	11.0%	(0.0%-26.7%)
Southeast	12.4%	(4.1%-20.8%)
Statewide	7.9%	(4.7%-11.1%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution. Percent not reported for <5 cases.

Table C-118: Lifetime Intimate Partner Violence for Select Years, 2001-2017

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence Interval	%	95% Confidence Interval
2001	32.2%	(27.3%-37.5%)	25.6%	(23.1%-28%)
2004	30.9%	(25.7%-36.7%)	23.9%	(21.4%-26.4%)
2006	33.2%	(26.4%-40.8%)	22.4%	(19.9%-24.8%)
2009	37.9%	(31.2%-45.1%)	24.2%	(21.1%-27.4%)
2012	35.5%	(30.5%-41.0%)	25.1%	(23.1%-27.0%)
2017	29.7%	(21.2%-38.2%)	24.3%	(21.3%-27.4%)

Note: Data only available for 2001, 2004, 2006, 2009, 2012, and 2017. Caution is advised when attempting to compare data between years. Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-119: Percent of Alaska Native Adults Who Experienced Intimate Partner Violence in Their Lifetime by Tribal Health Region, 2017

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

Alaska Native People		
	%	95% Confidence Interval
Bristol Bay	16.0%	(4.4%-27.5%)
Yukon-Kuskokwim	26.1%	(13.6%-38.7%)
Interior	35.8%	(16.2%-55.5%)
Anchorage/Mat-Su	37.9%	(19.0%-56.9%)
Statewide	29.7%	(21.2%-38.2%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution. Percent not reported for <5 cases.

Appendix C - Data Tables

Table C-120: Adverse Childhood Experiences, 2013-2015

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence Interval	%	95% Confidence Interval
≥ 4 Total ACEs	30.2%	(27.0%-33.4%)	20.3%	(19.0%-21.7%)
Emotional or Verbal Abuse	34.6%	(31.3%-37.8%)	31.9%	(30.4%-33.3%)
Parents Separated or Divorced	34.0%	(30.7%-37.2%)	30.4%	(28.9%-31.8%)
Witnessed Abuse	31.7%	(28.4%-35.1%)	16.9%	(15.7%-18.1%)
Household Substance Abuse	29.0%	(26.7%-31.2%)	21.6%	(20.6%-22.7%)
Physical Abuse	23.8%	(20.9%-26.7%)	18.4%	(17.2%-19.7%)
Household Mental Illness	21.4%	(18.6%-24.1%)	20.4%	(19.2%-21.7%)
Incarcerated Household Member	19.6%	(17.1%-22.2%)	8.9%	(7.9%-9.9%)
Emotional Neglect	15.9%	(13.1%-18.8%)	16.2%	(14.7%-17.6%)
Physical Neglect	14.4%	(11.5%-17.3%)	10.7%	(9.5%-12.0%)
Sexual Abuse	12.5%	(10.9%-14.2%)	10.6%	(9.9%-11.4%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-121: Adult Dental Care, 1994-1998 to 2014-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence	%	95% Confidence
1994-1998	66.8%	(58.7%-74.9%)	74.7%	(71.1%-78.2%)
1999-2003	67.0%	(60.7%-73.2%)	73.5%	(70.4%-76.7%)
2004-2008	58.3%	(54.6%-62.1%)	69.9%	(68.2%-71.6%)
2009-2013	58.2%	(53.2%-63.2%)	67.5%	(65.0%-69.9%)
2014-2018	59.8%	(56.7%-62.9%)	66.5%	(65.0%-68.0%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-122: Percent of Alaska Native Adults Who Visited a Dentist or Dental Clinic by Tribal Health Region, 2014-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People	
	%	95% Confidence Interval
Norton Sound	40.3%	(28.8%-51.7%)
Northwest Arctic	44.6%	(34.2%-55.0%)
Southeast	45.5%	(37.4%-53.6%)
Copper River/Prince William Sound	50.7%	(34.7%-66.6%)
Aleutians & Pribilofs	55.2%	(35.0%-75.5%)
Interior	58.1%	(51.1%-65.1%)
Bristol Bay	60.8%	(49.6%-72.1%)
Kenai Peninsula	62.3%	(48.5%-76.0%)
Anchorage/Mat-Su	63.9%	(57.7%-70.0%)
Arctic Slope	66.1%	(52.2%-80.0%)
Yukon-Kuskokwim	66.7%	(59.5%-74.0%)
Kodiak Area	90.4%	(77.7%-100.0%)
Statewide	59.8%	(56.7%-62.9%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Appendix C - Data Tables

Table C-123: Breast Cancer Screening Among Women Aged 50-74 Years, 2008-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native Women Statewide		Alaska Non-Native Women Statewide	
	%	95% Confidence	%	95% Confidence
2008	74.8%	(62.3%-84.3%)	78.2%	(72.8%-83.7%)
2010	70.9%	(53.5%-83.8%)	74.0%	(67.5%-80.5%)
2012	79.7%	(71.3%-86.0%)	78.8%	(75.4%-82.3%)
2014	73.3%	(63.3%-81.4%)	68.1%	(63.8%-72.4%)
2016	68.3%	(53.0%-83.7%)	67.7%	(62.3%-73.0%)
2018	83.4%	(74.6%-92.3%)	71.5%	(66.1%-76.9%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-124: Percent of Alaska Native Women Aged 50-74 Years Who Underwent Breast Cancer Screening by Tribal Health Region, 3-Year Aggregate, 2014, 2016, and 2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native Women	
	%	95% Confidence Interval
Southeast	63.8%	(50.1%-77.4%)
Anchorage/Mat-Su	73.2%	(55.8%-90.5%)
Interior	82.9%	(72.0%-93.9%)
Statewide	74.4%	(67.5%-81.3%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution. Percent not reported for <5 cases.

Table C-125: Cervical Cancer Screening Among Women Aged 21-65 Years, 2008-2016

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native Women Statewide		Alaska Non-Native Women Statewide	
	%	95% Confidence	%	95% Confidence
2008	88.8%	(79.6%-94.2%)	85.6%	(81.6%-89.6%)
2010	79.4%	(61.3%-90.4%)	85.2%	(80.6%-89.8%)
2012	84.2%	(77.9%-89.0%)	84.1%	(81.4%-86.8%)
2014	70.3%	(62.4%-77.1%)	79.2%	(75.6%-82.8%)
2016	84.3%	(76.0%-92.6%)	76.0%	(71.0%-80.9%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-126: Percent of Alaska Native Women Aged 21-65 Years Who Underwent Cervical Cancer Screening by Tribal Health Region, 3-Year Aggregate, 2012, 2014 and 2016

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native Women	
	%	95% Confidence Interval
Yukon-Kuskokwim	71.1%	(53.6%-88.6%)
Southeast	72.6%	(60.1%-85.1%)
Interior	75.3%	(63.7%-87.0%)
Anchorage/Mat-Su	84.5%	(73.1%-95.8%)
Statewide	77.6%	(71.8%-83.4%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution. Percent not reported for <5 cases.

Appendix C - Data Tables

Table C-127: Colorectal Cancer Screening Among Adults Aged 50-75 Years, 1999-2003 to 2014-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People Statewide		Alaska Non-Natives Statewide	
	%	95% Confidence	%	95% Confidence
1999-2003	33.7%	(24.6%-38.1%)	32.6%	(28.7%-36.5%)
2004-2008	47.8%	(39.0%-53.7%)	56.2%	(51.9%-60.5%)
2009-2013	49.5%	(36.8%-52.1%)	58.2%	(55.3%-61.1%)
2014-2018	65.6%	(60.1%-71.1%)	63.3%	(61.0%-65.6%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

Table C-128: Percent of Alaska Native Adults Aged 50-75 Years Who Underwent Colorectal Cancer Screening by Tribal Health Region, 2014-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People	
	%	95% Confidence Interval
Yukon-Kuskokwim	52.2%	(37.3%-67.2%)
Bristol Bay	56.3%	(40.4%-72.3%)
Anchorage/Mat-Su	67.0%	(56.5%-77.4%)
Interior	69.5%	(60.4%-78.6%)
Southeast	72.3%	(63.0%-81.5%)
Statewide	65.6%	(65.6%-71.1%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution. Percent not reported for <5 cases.

Table C-129*: 4:3:1:3:3:1:4 Series Completion Among Children Age 19-35 Months, 2010-2019

Data Source: Indian Health Service, National Immunization Reporting System; Centers for Disease Control & Prevention, National Immunization Survey

	Alaska Native People Statewide		Alaska Total Population (All Races)		U.S. All Races	
	Total # Vaccinated	%	%	95% Confidence Interval	%	95% Confidence Interval
2010	2,812	76.9%	65.0%	(58.5%-71.5%)	N/A	N/A
2011	2,389	74.7%	66.7%	(58.9%-74.2%)	74.4%	(72.6%-76.1%)
2012	2,260	72.8%	76.0%	(68.7%-82.7%)	75.9%	(74.3%-77.5%)
2013	1,441	78.4%	65.9%	(58.5%-73.2%)	74.8%	(73.3%-76.3%)
2014	2,075	76.2%	76.1%	(69.3%-82.3%)	74.1%	(72.5%-75.7%)
2015	2,471	75.1%	68.9%	(61.4%-76.1%)	74.9%	(73.3%-76.5%)
2016	2,466	72.3%	67.6%	(59.9%-75.0%)	75.3%	(73.6%-77.0%)
2017	2,458	74.1%	69.0%	(61.2%-76.5%)	74.9%	(73.3%-76.4%)
2018	2,291	72.6%	59.2%	(50.0%-68.6%)	75.4%	(73.5%-77.4%)
2019	2,270	72.6%	N/A	N/A	N/A	N/A

Note: Vaccination coverage estimates for Alaska total population and U.S. total population are presented by birth year (birth cohort) rather than survey year. Because of the survey age eligibility range of 19-35 months, children born in three different calendar years appear in the data for each survey year. To estimate vaccination coverage among children born in a particular year, multiple survey years of data were combined and then stratified by birth year (birth cohort).

Appendix C - Data Tables

Table C-130*: HPV Vaccination (3 Doses) Among Females Aged 13-17 Years, 2012-2019**

Data Source: Indian Health Service, National Immunization Reporting System; Centers for Disease Control and Prevention, National Immunization Survey-Teen (NIS-Teen)

	Alaska Native People Statewide		Alaska Total Population (All Races)			U.S. All Races		
	Total # Vaccinated	%	n	%	95% Confidence Interval	n	%	95% Confidence Interval
2012	2,551	56.4%	145	31.4%	(23.3%-40.8%)	9,508	33.4%	(31.7%-35.2%)
2013	2,372	55.9%	158	27.1%	(19.6%-36.0%)	8,710	37.6%	(35.7%-39.6%)
2014	2,512	58.7%	200	34.4%	(26.7%-42.9%)	10,084	39.7%	(37.8%-41.6%)
2015	2,919	59.1%	165	36.9%	(29.0%-45.6%)	10,508	41.9%	(40.1%-43.7%)
2016	2,825	57.2%	183	47.8%	(39.0%-56.8%)	9,661	49.5%	(47.6%-51.4%)
2017	3,233	62.4%	175	45.7%	(37.3%-54.3%)	9,845	53.1%	(51.2%-55.0%)
2018	3,269	66.6%	193	45.3%	(37.0%-53.9%)	8,928	53.7%	(51.8%-55.6%)
2019	3,555	65.9%	208	57.8%	(49.6%-65.6%)	8,916	56.8%	(54.6%-59.0%)

Table C-131*: HPV Vaccination (3 Doses) Among Males Aged 13-17 Years, 2015-2019**

Data Source: Indian Health Service, National Immunization Reporting System; Centers for Disease Control and Prevention, National Immunization Survey-Teen (NIS-Teen)

	Alaska Native People Statewide		Alaska Total Population (All Races)			U.S. All Races		
	Total # Vaccinated	%	n	%	95% Confidence Interval	n	%	95% Confidence Interval
2015	1,988	38.2%	185	18.8%	(13.2%-26.1%)	11,367	28.1%	(26.6%-29.7%)
2016	2,424	45.2%	209	39.1%	(30.9%-48.0%)	10,814	37.5%	(35.8%-39.2%)
2017	3,001	55.6%	174	39.8%	(31.6%-48.7%)	11,104	44.3%	(42.6%-46.0%)
2018	3,147	61.5%	199	42.9%	(35.1%-51.1%)	9,772	48.7%	(46.8%-50.6%)
2019	3,520	62.4%	218	47.5%	(39.7%-55.5%)	9,872	51.8%	(49.7%-53.9%)

* Indian Health Service Immunization Program data are reported for the end of each fiscal year quarter 1 (ending December 31). National Immunization Survey (NIS) data are reported by calendar year (January - December).

** In December 2016, the Advisory Committee on Immunization Practices updated HPV vaccination recommendations to include a 2-dose schedule for immunocompetent adolescents initiating the vaccine series before their 15th birthday; 3 doses are recommended for persons who initiate the series at age 15–26 years and for immunocompromised persons. A new HPV up-to-date measure was added to the 2016 National Immunization Survey–Teen to account for the revised HPV vaccination schedule. The data for Alaska total population and U.S. all races for 2016 and beyond reports this new measure.

N/A - Not applicable or not available

Appendix C - Data Tables

Table C-132*: Tdap (1 Dose) Vaccination Among Persons Aged 13-17 Years, 2012-2019

Data Source: Indian Health Service, National Immunization Reporting System; Centers for Disease Control and Prevention, National Immunization Survey-Teen (NIS-Teen)

	Alaska Native People Statewide		Alaska Total Population (All Races)			U.S. All Races		
	Total # Vaccinated	%	n	%	95% Confidence Interval	n	%	95% Confidence Interval
2012	8,760	91.1%	340	77.1%	(72.1%-82.1%)	19,199	84.6%	(83.7%-85.5%)
2013	8,256	90.8%	320	74.3%	(68.5%-80.1%)	18,264	86.0%	(85.1%-87.0%)
2014	8,269	92.9%	377	73.8%	(68.4%-79.2%)	20,827	87.6%	(86.7%-88.5%)
2015	9,411	92.1%	350	69.7%	(63.9%-75.5%)	21,875	86.4%	(85.4%-87.3%)
2016	9,273	88.8%	392	79.4%	(74.1%-83.9%)	20,475	88.0%	(87.1%-88.9%)
2017	9,389	89.3%	349	78.9%	(73.2%-83.6%)	20,949	88.7%	(87.8%-89.6%)
2018	8,994	89.7%	392	79.6%	(74.3%-84.0%)	18,700	88.9%	(88.0%-89.7%)
2019	9,735	88.2%	426	81.7%	(76.6%-85.9%)	18,788	90.2%	(89.2%-91.1%)

Table C-133*: MCV4 Vaccination Coverage (≥1 Dose) Among Persons Aged 13-17 Years, 2012-2019

Data Source: Indian Health Service, National Immunization Reporting System; Centers for Disease Control and Prevention, National Immunization Survey-Teen (NIS-Teen)

	Alaska Native People Statewide		Alaska Total Population (All Races)			U.S. All Races		
	Total # Vaccinated	%	n	%	95% Confidence Interval	n	%	95% Confidence Interval
2012	8,252	85.8%	340	52.7%	(46.5%-58.9%)	19,199	74.0%	(72.9%-75.1%)
2013	7,868	86.5%	320	55.2%	(48.7%-61.7%)	18,264	77.8%	(76.7%-78.9%)
2014	7,939	89.2%	377	56.9%	(50.8%-63.0%)	20,827	79.3%	(78.2%-80.3%)
2015	9,130	89.4%	350	55.7%	(49.5%-61.9%)	21,875	81.3%	(80.2%-82.3%)
2016	N/A	N/A	392	67.0%	(61.1%-72.4%)	20,475	82.2%	(81.2%-83.2%)
2017	N/A	N/A	349	68.4%	(62.5%-73.8%)	20,949	85.1%	(84.2%-86.1%)
2018	N/A	N/A	392	69.2%	(63.5%-74.3%)	18,700	86.6%	(85.6%-87.5%)
2019	N/A	N/A	426	74.9%	(69.5%-79.5%)	18,788	88.9%	(88.0%-89.8%)

Table C-134: Seasonal Influenza Vaccination Among Adults Aged 18 Years and Older, 2014-2015 to 2019-2020

Data Source: Indian Health Service, National Immunization Reporting System; Centers for Disease Control and Prevention, National Immunization Survey-Flu (NIS-Flu); Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System (BRFSS)

	Alaska Native People Statewide		Alaska Total Population (All Races)			U.S. All Races		
	Total # Vaccinated	%	n	%	95% Confidence Interval	n	%	95% Confidence Interval
2014-2015	7,465	29.6%	3,032	40.9%	(37.0%-44.8%)	323,215	43.6%	(43.2%-44.0%)
2015-2016	6,055	25.3%	2,453	34.7%	(31.8%-37.6%)	319,167	41.7%	(41.3%-42.1%)
2016-2017	5,138	25.2%	2,760	36.9%	(33.2%-40.6%)	325,801	43.3%	(42.7%-43.9%)
2017-2018	2,955	25.1%	1,938	37.5%	(33.8%-41.2%)	313,143	37.1%	(36.7%-37.5%)
2018-2019	N/A	N/A	2,486	40.7%	(36.6%-44.8%)	302,148	45.3%	(44.9%-45.7%)
2019-2020	N/A	N/A	2,603	42.1%	(38.6%-45.6%)	286,116	48.4%	(47.8%-49.0%)

Note: Indian Health Service Immunization Program data for seasonal influenza is reported for the end of each fiscal year quarter 2 (ending March 31). National influenza coverage data (NIS-Flu and BRFSS) are reported for July through May of the reported flu season.

* Indian Health Service Immunization Program data are reported for the end of each fiscal year quarter 1 (ending December 31). National Immunization Survey (NIS) data is reported by calendar year (January - December).

N/A - Not applicable or not available

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Table C-135*: Immunization Coverage by Vaccine Type Among Alaska Native Adults of Recommended Age, Alaska, 2017

Data Source: Indian Health Service, National Immunization Reporting System; Centers for Disease Control & Prevention, National Health Interview Survey

	Alaska Native People Statewide		U.S. All Races**		
	Total # Vaccinated	%	n	%	95% Confidence Interval
TDaP	16,617	79.6%	15,118	31.2%	(30.0%-32.5%)
HPV (≥ 1 dose) Females	1,865	78.8%	1,069	52.8%	(48.9%-56.6%)
HPV (≥ 1 dose) Males	525	71.1%	327	34.4%	(28.1%-41.3%)
Zoster	2,086	47.3%	9,401	34.5%	(33.2%-35.8%)
Pneumococcal	1,965	68.3%	7,064	69.0%	(67.5%-70.4%)

Note 1: TDaP coverage is for adults age 19 years and older. HPV is for females age 19-26 years and males 19-21 years, zoster is for adults age 60 and older, and pneumococcal is for adults age 65 and older.

Note 2: These data show adults who received the shingles/zoster vaccine known as Zostavax, but as of November 2020 Zostavax is no longer available or recommended. Current recommendations are for adults aged 50 years and older to receive two doses of the vaccine Shingrix, even if a Zostavax vaccine was received in the past.

** U.S. all races data is for 2018.

Table C-136: Percent of Alaska Native Adults who Received a Seasonal Influenza Vaccine by Tribal Health Region, 2014-2018

Data Source: Alaska Division of Public Health, Behavioral Risk Factor Surveillance System

	Alaska Native People	
	%	95% Confidence Interval
Copper River/Prince William Sound	23.6%	(13.0%-32.2%)
Kenai Peninsula	29.3%	(20.3%-35.1%)
Arctic Slope	35.0%	(22.3%-49.5%)
Anchorage/Mat-Su	38.2%	(32.5%-41.7%)
Interior	39.9%	(34.0%-43.0%)
Bristol Bay	40.1%	(31.8%-49.6%)
Southeast	40.5%	(34.6%-43.8%)
Yukon-Kuskokwim	42.2%	(36.6%-46.4%)
Norton Sound	42.4%	(34.2%-50.0%)
Aleutians & Pribilofs	43.7%	(34.3%-53.1%)
Northwest Arctic	48.8%	(40.1%-53.7%)
Kodiak Area	51.2%	(39.0%-60.1%)
Statewide	39.8%	(37.2%-40.4%)

Note: Data with wide confidence intervals are subject to higher relative standard error and should be used with caution.

* Indian Health Service Immunization Program data are reported for the end of each fiscal year quarter 1 (ending December 31).

Appendix C - Data Tables

Table C-137: Rural Households Served by Water and Sewer Service, 2009-2021

Data Source: Indian Health Service, Sanitation Tracking and Reporting System

Rural Households		
	Total Households	% of Total
2009	12,731	74.4%
2010	13,061	76.3%
2011	13,221	77.1%
2012	13,424	77.9%
2013	13,645	78.7%
2014	14,358	83.2%
2015	15,106	83.7%
2016	15,103	83.5%
2017	14,388	83.3%
2018	15,206	85.7%
2019	15,664	88.1%
2020	15,722	87.8%
2021	15,247	85.6%

Table C-138: Percent of Rural Households With Water and Sewer Services by Tribal Health Region, 2021

Data Source: Indian Health Service, Sanitation Tracking and Reporting System

Rural Households		
	Total Households	% of Total
Kodiak Area	348	100.0%
Southeast	1,815	100.0%
Kenai Peninsula	188	99.1%
Copper River/Prince William Sound	282	99.0%
Bristol Bay	2,201	98.8%
Aleutians & Pribilofs	427	98.4%
Northwest Arctic	1,654	98.0%
Arctic Slope	1,220	97.3%
Yukon-Kuskokwim	4,481	79.0%
Interior	1,485	73.3%
Norton Sound	1,144	68.9%
Statewide	15,247	85.6%

Table C-139: Population Served by Community Water System with Fluoridated Water, 2004-2018

Data Source: Centers for Disease Control and Prevention, Division of Oral Health

All Alaskans Statewide				U.S. Population			
# Served by Fluoridated Community Water System	% Served by Fluoridated Community Water System	Rank	Total # Served by Community Water System	# Served by Fluoridated Community Water System	% Served by Fluoridated Community Water System	Total # Served by Community Water System	
2004	307,205	59.5	35	516,311	180,632,481	68.7	262,929,376
2006	308,801	59.5	35	518,993	184,028,038	69.2	265,936,471
2008	404,213	62.8	33	643,651	195,545,109	72.4	270,089,930
2010	404,039	62.8	36	643,374	204,283,554	73.9	276,432,414
2012	361,240	52.9	41	682,873	210,655,401	74.6	282,379,894
2014	335,555	49.3	43	680,639	211,393,167	74.4	284,130,601
2016	233,192	49.6	44	469,850	201,565,162	72.8	276,969,134
2018	272,280	49.6	44	548,898	207,426,536	73.0	284,075,868

Note: Rank is among the 50 states, based on percentage of community water system users drinking fluoridated water. 1 represents largest percentage of users and 50 the lowest percentage.

Appendix C - Data Tables

Cause of Death ICD–10 Classification

Cause of Death	ICD-10 Codes
Enterocolitis due to Clostridium difficile	A047
Septicemia	A40-A41
Salmonella infections	A01-A02
Shigellosis and amebiasis	A03, A06
Certain other intestinal infections	A00-A046, A048-A09
Tuberculosis	A16-A19
Whooping cough	A37
Scarlet fever and erysipelas	A38, A46
Meningococcal infection	A39
Syphilis	A50-A53
Acute poliomyelitis	A80
Arthropod-borne viral encephalitis	A83-A84, A852
Measles	B05
Viral hepatitis	B15-B19
Human immunodeficiency virus (HIV) disease	B20-B24
Malaria	B50-B54
Other and unspecified infectious and parasitic diseases and their sequelae	A00, A05, A20-A36, A42-A44, A48-A49, A54, A79, A81-A82, A85.0-A85.1, A85.8, A86-B04, B06-B09, B25-B49, B55-B99
Cancer (Malignant neoplasms)	C00-C97
Benign/in situ neoplasms and neoplasms of uncertain behavior	D00-D48
Diabetes	E10-E14
Alcohol abuse	F10-F10.9
Parkinson's disease	G20-G21
Alzheimer's disease	G30
Heart disease	I00-I09, I11, I13, I20-I51
Essential hypertension	I10, I12, I15
Stroke (cerebrovascular diseases)	I60-I69
Aortic aneurysm and dissection	I71
Other major cardiovascular diseases	I70, I72-I78
Atherosclerosis	I70
Other diseases of arteries, arterioles and capillaries	I72-I78
Influenza and pneumonia	J09-J18
Chronic lower respiratory diseases	J40-J47
Pneumonitis due to solids and liquids	J69
Acute bronchitis and bronchiolitis	J20-J21
Other/unspecified acute lower respiratory infection	J22, U04
Pneumoconioses and chemical effects	J60-J66, J68
Other diseases of respiratory system	J00-J06, J30-J39, J67, J70-J98
Chronic liver disease & cirrhosis	K70, K73-K74
Peptic ulcer	K25-K28
Diseases of appendix	K35-K38
Hernia	K40-K46
Cholelithiasis and other disorders of gallbladder	K80-K82
Other diseases of the digestive system	K00-K22, K29-K31, K50-K66, K71-K72, K75-K76, K83-K92
Kidney disease (nephritis, nephrotic syndrome and nephrosis)	N00-N07, N17 - N19, N25-N27
Conditions originating in the perinatal period	P00-P96
Congenital anomalies	Q00-Q99
Anemias	D50-D64
Nutritional deficiencies	E40-E64
Meningitis	G00, G03
Other disorders of circulatory system	I80-I99
Infections of kidney	N10-N12, N136, N151
Hyperplasia of prostate	N40
Female pelvic inflammatory diseases	N70-N76
Pregnancy complications (maternal deaths)	O00-O99

Appendix C - Data Tables

Cause of Death ICD–10 Classification

Cause of Death	ICD-10 Codes
Sudden Infant Death Syndrome (SIDS)	R95
Symptoms and ill-defined conditions	R00 - R94, R96 - R99
All other diseases	D65 - D89
Accidents (unintentional injuries)	V01-X59, Y85-Y86
Suicide (intentional self-harm)	X60-X84, Y870, U03
Homicide (assault)	X85-Y09, Y871
Other external causes	Y10-Y34, Y35, Y36, Y40-Y84, Y872, Y88-Y89
Discharge of firearms, undetermined intent	Y22-Y24
Other and unspecified events of undetermined intent and their sequelae	Y10-Y21, Y25-Y34, Y872, Y899
Operations of war and their sequelae	Y36, Y891
Complications of medical / surgical care	Y40-Y84, Y88