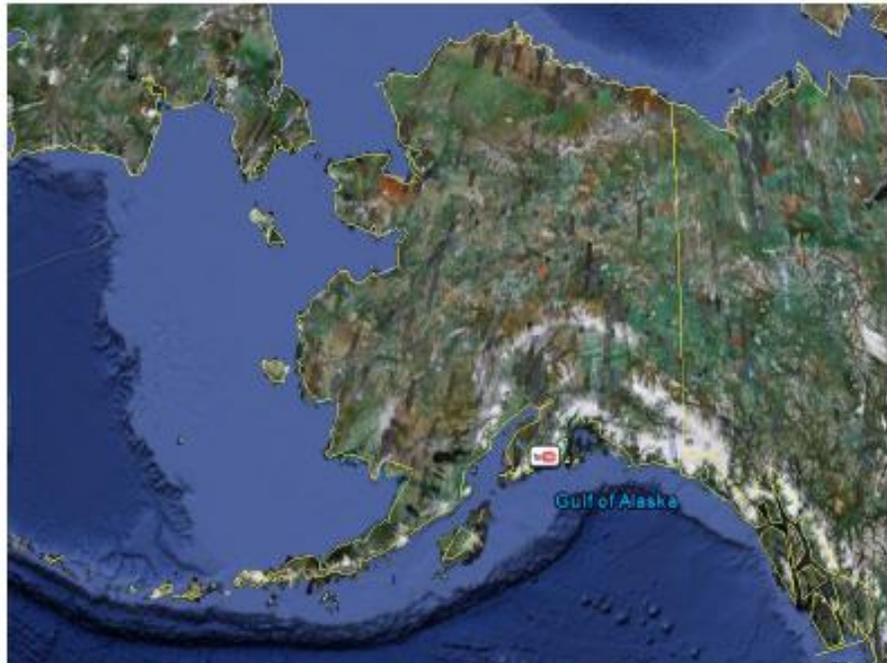

Community Health Status Assessment Report Northern Region



State of Alaska

Department of Health and Social Services

Division of Public Health

Section of Chronic Disease Prevention and Health Promotion

Section of Public Health Nursing

Section of Health Systems Planning

April 2009

Community Health Status Assessment Report

Draft as of: 03.18.2009

Northern Region

North Slope
Northwest Arctic
Nome

ACKNOWLEDGEMENTS

Alaska Health Care Data Book: Selected Measures 2007
November 2007

Alaska Department of Health and Social Services

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Introduction

The Community Health Status Assessment Reports have been developed to assist Alaskan communities in developing a community health improvement plan. The format and data has been compiled based on Mobilizing for Action through Planning and Partnerships (MAPP), which is a community-driven strategic planning tool for improving a community's health. Facilitated by public health leaders, MAPP helps communities apply strategic thinking to prioritize public health issues and identify resources to address them. MAPP is not an agency-focused assessment tool; rather, it is an interactive process that can improve the efficiency, effectiveness, and ultimately the performance of local public health systems.

More information on MAPP is available at <http://www.naccho.org/topics/infrastructure/mapp/framework/>. Using this Web page, users can access the entire MAPP tool, supplemental resources, and technical assistance. Information on preparing for and completing the process is organized by phase, which users can access using the links above. Alaska specific information on conducting a community health improvement process is available at <http://www.hss.state.ak.us/dph/chronic/cps/default.htm>, including contact information for consultation, technical assistance, statewide networking and training.

The Community Health Status Assessment (CHSA) answers the questions: "How healthy are our residents?" and "What does the health status of our community look like?" The results of the CHSA provide an understanding of the community's health status and ensure that the community's priorities consider specific health status issues, such as high lung cancer rates or low immunization rates.

The CHSA provides a list of core indicators (data elements) for 11 broad-based categories. Categories of data that are collected in the CHSA are:

Who are we and what do we bring to the table?

1. Demographic Characteristics
2. Socioeconomic Characteristics
3. Health Resource Availability

What are the strengths and risks in our community that contribute to health?

4. Quality of Life
5. Behavioral Risk Factors
6. Environmental Health Indicators

What is our health status?

7. Social and Mental Health
8. Maternal and Child Health
9. Death, Illness, and Injury
10. Infectious Disease
11. Sentinel Events

The data provided in this report reflect some of this data that is collected at the state level. It is presented as point-in-time data, and is offered as a starting point for where communities may wish to look further into trend data. Communities may also select additional indicators. By gathering data for each of the categories and assessing changes over time or differences among population subgroups or with peer, state, or national data, health issues are identified.

Category 1: Demographic Characteristics

Definition of Category: Demographic characteristics include measures of total population as well as percent of total population by age group, gender, race and ethnicity, where these populations and subpopulations are located, and the rate of change in population density over time, due to births, deaths and migration patterns.

Table 1.010: Alaska Population Estimates 1990, 2000, 2004-2006 (AHCDB Table 1.030)

Region/Census Area	1990 Census	2000 Census	2004 Estimate	2005 Estimate	2006 Estimate	2005-2006 Change	2005-2006 % Change
Statewide Total	550,043	626,931	656,834	663,253	670,053	6,800	1.0%
Northern	20,380	23,789	23,879	23,660	23,676	16	0.1%
Nome	8,288	9,196	9,424	9,453	9,535	82	0.9%
North Slope	5,979	7,385	7,126	6,889	6,807	-82	-1.2%
Northwest Arctic	6,113	7,208	7,329	7,318	7,334	16	0.2%

Source: Alaska Dept of Labor and Workforce Development, Research and Analysis. (2006).
For further information: <http://almis.labor.state.ak.us/?PAGEID=67&SUBID=115>

Table 1.020: Alaska Population by Age Group by Region, 2006 (AHCDB Table 1.040)

Region/Census Area	Total Population	0-17	18-64	65 and Over	Dependency Ratio
Statewide Total	670,053	171,916	452,725	45,412	0.48
Northern	23,676	8,157	14,108	1,411	0.68
Nome	9,535	3,287	5,639	609	0.69
North Slope	6,807	2,233	4,212	362	0.62
Northwest Arctic	7,334	2,637	4,257	440	0.72

Source: Alaska Dept of Labor and Workforce Development, Research and Analysis (2006).
For further information: <http://almis.labor.state.ak.us/?PAGEID=67&SUBID=115>

Table 1.030: Alaska Population - by Race, by Census Area, 2005 (AHCDB Table 1.015)

Region/Census Area	Racial Composition (bridge series *)					Ethnicity
	Total	White	Native American	African American	Asian & Pacific Islander	Hispanic Origin or Latino (any race)
Statewide Totals	663,661	484,673	117,743	25,970	35,275	26,413
Northern	23,669	4,913	17,794	231	731	372
Nome	9,452	2,168	7,066	81	137	123
North Slope	6,894	1,495	4,829	88	482	165
Northwest Arctic	7,323	1,250	5,899	62	112	84

Source: Alaska Dept of Labor and Workforce Development, Research and Analysis. (2005). Table 1.19 - Alaska Population, by Age, Race Alone and Male/Female (July 1, 2005), [AND] Williams, Gregory. Personal communication (8/16/07).

Note: See Appendix for a complete information on this "bridged" series data.

For further information: <http://www.labor.state.ak.us/research/pop/estimates/TA6R05X.xls>

Table 1.040: Population, Housing Units and Area, by Region, 2000 (AHCDB Table 1.020)

Region/Census Area	Total Land Area	Population	Population per Square Mile	Housing Units	Housing Units per Square Mile	Average Household Size
Statewide Total	571,951	626,932	1.1	260,978	0.5	2.74
Northern	147,716	23,789	0.2	8,727	0.1	3.51
Nome	23,001	9,196	0.4	3,649	0.2	3.33
North Slope	88,817	7,385	0.1	2,538	<0.1	3.45
Northwest Arctic	35,898	7,208	0.2	2,540	0.1	3.87

Source: Alaska Dept of Labor and Workforce Development, Research and Analysis. [AND] U.S. Census Bureau. 2000 Census.
For further information: http://factfinder.Census.gov/servlet/DTGeoSearchByListServlet?ds_name=DEC_2000_SF3_U&lang=en&ts=199820896828

Table 1.050: Population Age 65 Years and Over, 2000 and 2006 Compared, by Region (AHCDB Table 1.050)

Region/Census Area	2000 Population 65 and Over			2006 Population 65 and Over			Change in Total Population 2000-2006	% Change in Total Population 2000-2006
	Total Population	Male	Female	Total Population	Male	Female		
Statewide Total	35,699	16,724	18,975	45,412	21,817	23,595	9,713	27%
Northern	1207	566	641	1411	684	727	204	17%
Nome	540	263	277	609	305	304	69	13%
North Slope	308	135	173	362	170	192	54	18%
Northwest Arctic	359	168	191	440	209	231	81	23%

Source: Alaska Dept of Labor and Workforce Development, Research and Analysis. (2006).
For further information: <http://almis.labor.state.ak.us/?PAGEID=67&SUBID=115>

Table 1.060: All Births, & Teen Births – Counts and Birth Rates*, by Census Area 2001-2005 (AHCDB Table 1.060)

Region/Census Areas	Live births	Fertility Rate***	Teen Births (15-19)	Teen Birth Rate (15-19)**	Teen Birth % (15-19)**
Statewide	50,825	72.4	5,286	41.0	10.4%
Northern					
Nome	1,119	119.8	195	88.8	17.4%
North Slope	834	110.5	168	94.1	20.1%
Northwest Arctic	852	113.6	168	86.6	19.7%

Source: Walden, Stephanie. (2007). Personal communication re: Birth & Public Health Indicators data. Alaska Bureau of Vital Statistics, Division of Public Health, DHSS.

* Rates based on fewer than 20 events are statistically unreliable and should be used with caution. Rates based on fewer than 10 events are not reported. **Note: there were five mothers' ages unknown and unreported. ***Fertility rates are births per 1,000 women age 15-44. Teen birth rates are per 1,000 female population age 15-19. Teen birth % is the percent of all births, born to mothers age 15-19.

For further information: <http://www.hss.state.ak.us/dph/bvs/data/default.htm>

Category 2: Socioeconomic Characteristics

Definition of Category: Socioeconomic characteristics include measures that have been shown to affect health status, such as income, education, and employment, and the proportion of the population represented by various levels of these variables.

Table 2.010: Household Income, by Region, 1999 (AHCDB Table 1.110)

Region/Census Area	Total Households	Less than \$10,000	\$10,000-24,999	Total Less than \$25,000	% Less than \$25,000	\$25,000-39,999	\$40,000-59,999	\$60,000-124,999	\$125,000 or More	% \$125,000 or More
Statewide Total	221,804	12,458	33,912	46,370	21%	37,041	44,977	74,760	18,656	8%
Northern	6,580	597	1,094	1,691	26%	1,005	1,225	2,153	506	8%
Nome	2,686	283	557	840	31%	464	495	740	147	5%
North Slope	2,116	148	218	366	17%	227	403	870	250	12%
Northwest Arctic	1,778	166	319	485	27%	314	327	543	109	6%

Source: U.S. Census Bureau. 2000 Census, Table P-52 (Household)

For further information:

http://factfinder.Census.gov/servlet/DTGeoSearchByListServlet?ds_name=DEC_2000_SF3_U&lang=en&ts=199820896828

Table 2.020: 2000 Census, Per Capita Income and Bureau of Economic Analysis (BEA), Per Capita Personal Income, 2000-2004 (AHCDB Table 1.120)

Region/Census Area	Census 2000*	BEA PCPI 2000**	BEA PCPI 2003**	BEA PCPI 2004**	% Change BEA 2003-2004
Alaska	\$22,660	\$29,867	\$33,023	\$34,000	3%
Northern					
Nome	15,476	21,436	24,885	25,318	2%
North Slope	20,540	29,956	36,304	39,350	8%
Northwest Arctic	15,286	22,174	24,560	24,113	-2%

Source: U.S. Bureau of Economic Analysis, Regional Economic Information System. (2006). Table CAI-3 (as of April 2006) [AND] U.S. Census Bureau. 2000 Census, Summary file 3 (SF 3). Table P-82

*Per Capita Income

Frequency: Every 10 years

Time series: Every Census since 1790

Consists of cash and its equivalents received by individuals. It is the sum of the amounts reported separately for wage or salary income; net self-employment income; interest, dividends, or net rental or royalty income or income from estates and trusts; social security or railroad retirement income; Supplemental Security Income (SSI); public assistance or welfare payments; retirement, survivor or disability pensions; and all other income. It excludes: capital gains, money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income in kind from food stamps, public housing subsidies, medical care, employer contributions for individuals, withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; and gifts and lump-sum inheritances, insurance payments and other types of lump-sum receipts.

**Per Capita Personal Income (PCPI)

Frequency: Annual for counties; quarterly for the states and the U.S.

Time series: 1929 forward for U.S. and states; 1969 forward for counties and MSAs

The sum of wage and salary disbursements and other labor income; proprietors' income with inventory and capital consumption adjustments; rental income of persons with capital consumption adjustment; personal dividend income; personal interest income; and transfer payments to persons, less personal contributions for social insurance. These measures include incomes of individuals, nonprofit institutions that primarily serve individuals, private noninsured welfare funds and private trust funds. Proprietors' income is treated in its entirety as received by individuals. Life insurance carriers and noninsured pension plans are not counted as persons, but their income and savings are credited to persons.

For further information:

http://factfinder.Census.gov/servlet/DTGeoSearchByListServlet?ds_name=DEC_2000_SF3_U&lang=en&ts=199820896828

Table 2.030: Regional Analysis, Per Capita Income, Dependency Ratio, and Percent Below Poverty Line (AHCDB Table 1.140)

Region/Census Area	Population Under 18	Population 18-64	Population 65 and Over	Dependency Ratio	Per Capita Income (1999)	% Below Poverty Threshold
Statewide	190,507	401,332	35,093			13.12%
Northern	9,203	13,357	1,229	.78	\$16,990	20.04%
Nome	3,401	5,247	548	.75	\$15,476	24.13%
North Slope	2,821	4,255	309	.74	\$20,540	11.70%
Northwest Arctic	2,981	3,855	372	.87	\$15,286	23.43%

Source: U.S. Census Bureau. 2000 Census, Summary File 3 (SF 3) - Sample Data, P8, P82, P88. [AND] Alaska Department of Labor and Workforce Development. Research & Analysis Section, Population Estimates. (2006). Table 06t4-3.

Note: Dependency ratio is the ratio of old and young (combined) to the working age population - i.e., the ratio of "dependents" to "workers" which tells you if you have a large or small part of the area's population supporting the rest of the population.

For further information:

http://factfinder.Census.gov/servlet/DTGeoSearchByListServlet?ds_name=DEC_2000_SF3_U&lang=en&ts=199820896828

Table 2.040: Persons Below the Poverty Level and Low Income, 1999 (AHCDB Table 1.150)

Region/Census Area	Persons for whom poverty level has been determined	Persons Below Federal Poverty Level for Alaska*	Number Low Income**	% Below Poverty*	% Low Income**
Statewide Total	612,961	80,405	156,945	13%	26%
Northern	23,475	4,705	8,696	20%	37%
Nome	9,002	2,172	4,038	24%	45%
North Slope	7,315	856	1,727	12%	24%
Northwest Arctic	7,158	1,677	2,931	23%	41%

Source: U.S. Census Bureau. 2000 Census. Table P-88, Age by Ratio of Income in 1999 to Poverty Level.

*Below Poverty Level Adjusted for Alaska

**Below 200% of Federal Poverty Level, not Adjusted for Alaska

For further information:

http://factfinder.Census.gov/servlet/DTGeoSearchByListServlet?ds_name=DEC_2000_SF3_U&lang=en&ts=199820896828

Table 2.050: Children Below the Federal Poverty Level, by Age Group, by Region, 1999 (AHCDB Table 1.160)

Region/Census Area	Population Age <18	Age 0-5 Below Poverty Level	Age 6-17 Below Poverty Level	Total Age <18 Below Poverty Level	Total Age <18 Below Poverty Level as % of Population <18
Statewide Total	186,793	11,116	20,156	31,272	17%
Northern	9,062	688	1,444	2,132	24%
Nome	3,349	277	653	930	28%
North Slope	2,762	144	221	365	13%
Northwest Arctic	2,951	267	570	837	28%

Source: U.S. Census Bureau. 2000 Census. Table P-87, Age by Ratio of Income in 1999 to Poverty Level.

For further information:

http://factfinder.Census.gov/servlet/DTGeoSearchByListServlet?ds_name=DEC_2000_SF3_U&lang=en&ts=199820896828

Table 2.060: Local, Other Alaska Resident and Non-Resident Labor, 2000-2004(AHCDB Table 1.270)

Census Area	Type	2000	2001	2002	2003	2004	Number	%
							Change	Change
						2003-2004		
Statewide	Local	250,587	254,649	260,619	264,052	270,037	5,985	2.3%
	Other Alaska Resident	43,371	45,862	44,438	42,977	40,516	-2,461	-5.7%
	Non-Resident	60,062	63,853	64,270	63,807	65,675	1,868	2.9%
Northern	Local	10,712	10,513	10,792	10,918	10,908	-10	-0.1%
	Other Alaska Resident	7,988	8,202	7,495	6,669	6,587	-82	-1.2%
	Non-Resident	4,210	4,356	4,214	3,628	3,880	252	6.9%
Nome	Local	4,066	4,040	4,103	4,309	4,334	25	0.6%
	Other Alaska Resident	392	467	507	462	386	-76	-16.5%
	Non-Resident	441	446	582	516	577	61	11.8%
Northwest Arctic	Local	2,904	2,822	3,068	3,079	3,096	17	0.6%
	Other Alaska Resident	813	859	697	699	624	-75	-10.7%
	Non-Resident	604	656	594	468	456	-12	-2.6%
North Slope	Local	3,742	3,651	3,621	3,530	3,478	-52	-1.5%
	Other Alaska Resident	6,783	6,876	6,291	5,508	5,577	69	1.3%
	Non-Resident	3,165	3,254	3,038	2,644	2,847	203	7.7%

Source: Hadland, Jeff (2004). Nonresidents Working in Alaska - 2002. Alaska Economic Trends (Alaska Dept of Labor and Workforce Development), Vol 24(2), pg 3-21.

For further information: <http://labor.state.ak.us/trends/feb04.pdf>

Table 2.070: Unemployment Rate (Percent), January and July, 2003-2005(AHCDB Table 1.250)

Region/Census Area	January 2003	January 2004	January 2005	July 2003	July 2004	July 2005
Statewide Total	8.7	7.7	8.0	7.0	6.5	5.9
Northern						
Nome	10.1	12.1	12.1	12.5	12.3	13.2
North Slope	8.6	10.9	9.8	11.1	11.2	9.9
Northwest Arctic	12.8	13.1	12.3	14.3	14.3	11.8

Source: Alaska Dept of Labor and Workforce Development, Research and Analysis.

For further information: <http://almis.labor.state.ak.us/cgi/dataanalysis/?PAGEID=94&SUBID=188>

Table 2.080: Monthly Unemployment Rates (Percent), 2005 (AHCDB Table 1.260)

Region/Census Area	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Statewide Total	8.0	8.3	7.5	7.1	6.4	6.7	5.9	5.8	6.0	6.0	6.7	6.9
Northern												
Nome	12.1	13.2	11.9	12.2	12.0	13.2	13.2	12.7	11.2	10.7	11.3	11.9
North Slope	9.8	10.1	9.5	9.5	9.7	10.7	9.9	9.7	10.0	9.5	9.0	8.0
Northwest Arctic	12.3	12.9	12.7	12.4	12.5	14.0	11.8	11.6	12.2	10.1	9.5	9.1

Source: Alaska Dept of Labor and Workforce Development, Research and Analysis.

For further information: <http://labor.state.ak.us/trends/>

Table 2.090: Homeless—Alaska Housing Finance Corporation Winter Survey, 1999-2006 (AHCDB Table 1.170)

	1999	2000	2001	2002	2003	2004	2005	2006	% Change 2005-2006
Total Homeless	1,429	1,544	1,489	2,050	1,969	1,884	2,596	3,019	16.3%
Individuals	1,284	1,461	1,358	1,878	1,730	1,560	1,691	1,718	1.6%
Family Members	145	83	131	172	239	324	905	1,301	43.8%
Homeless with a Disability	414	568	435	548	686	543	815	769	-5.6%
Percent of Homeless with Disability	29%	37%	29%	27%	35%	29%	31%	25%	

Source: Alaska Housing Finance Corporation. (2006). Homeless Service Providers Survey Reports: Winter, 2006
For further information: http://www.ahfc.state.ak.us/grants/homeless_survey_reports.cfm

Table 2.100: Language Spoken in Home (AHCDB Table 1.090)

Region/Census Area	Total Population, 5 Years and Older		% English		% Other Language	
	English	% English	Other Language	% Other Language		
Statewide Total	579,740	496,982	86%	82,758	14%	
Northern	21,518	13,068	61%	8,450	39%	
Nome	8,395	5,974	71%	2,421	29%	
North Slope	6,679	3,347	50%	3,332	50%	
Northwest Arctic	6,444	3,747	58%	2,697	42%	

Source: U.S. Census Bureau. 2000 Census. Table P-19

For further information:

http://factfinder.Census.gov/servlet/DGeoSearchByListServlet?ds_name=DEC_2000_SF3_U&lang=en&ts=199820896828

Table 2.110: Language Other Than English Spoken at Home, Population 5 Years & Older (AHCDB Table 1.100)

Region/Census Area	Spanish or Creole	Tagalog	Alaska Native	Other	Total
Statewide Total	16,674	8,936	30,121	27,027	82,758
Northern	122	283	7,707	338	8,450
Nome	44	0	2,268	109	2,421
North Slope	58	278	2,854	142	3,332
Northwest Arctic	20	5	2,585	87	2,697

Source: U.S. Census Bureau. 2000 Census. Table P-19

For further information:

http://factfinder.Census.gov/servlet/DGeoSearchByListServlet?ds_name=DEC_2000_SF3_U&lang=en&ts=199820896828

Table 2.120: People with Disabilities—Limitations on Activity Because of Physical, Mental or Emotional Problems, Regional, Combined BRFSS Results 2005-2007

	Sample size	Limited	% Limited *	Confidence Interval 95%	Male		Female	
					Sample	% Limited *	Sample	% Limited *
Statewide Total	7,361	1580	20.4%	19.1-21.8%	3342	20.5%	4019	20.3%
Gulf Coast	1539	350	20.1	18.0-22.4	699	18.1	840	19.4
Kenai Peninsula	1073	264	21.7	19.1-24.5	487	20.8	586	22.7
Kodiak	247	38	13.2	9.2-18.6	112	7.9	135	12.9
Valdez Cordova	219	48	20.4	15.1-27.1	100	16.7	119	23.9

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 2.130: People with Disabilities—That Have a Health Problem That Requires Use of Special Equipment, BRFSS combined data 2005-2007

Region	Sample size	Equipment Use	% Use *	Confidence Interval 95%	Male		Female	
					Sample	% Use *	Sample	% Use *
Statewide Total	7,427	495	6.2%	5.4-7.0%	3373	6.3%	4054	6.0
Northern	427	14	2.5%	1.3- 4.5%	211	3.0%	216	1.7%
Nome	191	8	3.2%	1.6- 6.6%	105	3.3%	86	3.1%
North Slope	104	2	1.1%	0.3- 4.4%	49	DSU	55	0.0%
Northwest Arctic	132	4	2.7%	0.8- 8.8%	57	3.9%	75	1.5%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

DSU = Data Statistically Unreliable due to sample size or confidence interval

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 2.140: Disabilities—Division of Senior and Disability Survey Services Participation by HCB Wavier and by Region, 2007 (AHCDB Table 2.605)

Region/Census Area	Older Alaskans Waiver	Adults with Physical Disabilities	Children with Complex Medical Conditions	Persons with MR/DD	Total Cases
Total Cases	1,123	841	181	960	3,105
Northern	12	8	13	17	50
Nome	8	4	8	9	29
North Slope	0	0	3	2	5
Northwest Arctic	4	4	2	6	16

Source: Moline, Rod. (2007). Personal communication re: population of persons with disability (5/10/07). Division of Senior and Disability Survey, Alaska DHSS. Data from: DPA Field Services Caseload Report (accessed 4/30/07).

Note: Cases were listed according to participant's community (mailing address). DSDS stands for Division of Senior and Disability Survey. HCB stands for Home and Community Based. MR/DD stands for Mental Retardation/Developmental Disabilities.

Table 2.150: Adults Receiving Services for Infirmity (Age or Disability) by Funding Type, by Region, July 2006 - January 2007 (AHCDB Table 2.610)

Region/Census Area*	Older Alaskans Waiver	DSDS Senior Grants	Adult Physical Disability Waiver	Total
Statewide	1,342	11,199	952	13,493
Northern	7	350	4	361
Nome	7	130	3	140
North Slope	0	130	0	130
Northwest Arctic	0	90	1	91

Source: Sidmore, Pat. (2007). Personal communication re: (4/13/07). Waiver data from: STARS database (access April 2007) for period of July 2006-January 2007; Grant data from: SAMS, and reported in NAPIS for FY06.

Note: Unduplicated counts within funding-type, but not across-types due to blended resourcing. DSDS stands for Division of Senior and Disability Survey. SAMS stands for Social Assistance Management System. NAPIS stands for National Aging Program Information System.

Table 2.160: Educational Attainment, Males, 25 Years and Older, 2000 (AHCDB Table 1.060)

Region/Census Area	Total Male Age ≥ 25	Less than High School	% less than High School	High School Graduate	% * High School Graduate	Some College	Assoc. Degree	Bach. Degree	Master's Degree	Prof. School Degree	Doctorate Degree	% * Receiving College Degree
Statewide Total	195,676	22,991	12%	57,375	29%	54,632	13,528	29,549	11,252	4,235	2,114	31%
Northern	6,771	1,676	25%	2,750	41%	1,282	194	543	243	69	14	16%
Nome	2,716	688	25%	1,076	40%	525	67	221	106	32	1	16%
North Slope	2,100	448	21%	805	38%	470	66	195	79	28	9	18%
Northwest Arctic	1,955	540	28%	869	44%	287	61	127	58	9	4	13%

Source: Williams, Greg. (2002). Education in Alaska, Alaska Economic Trends, Alaska Dept of Labor and Workforce Development (vol 22 (12), pg 3-12). [AND] U.S.Census Bureau, 2000 Census.

Note: Received college degrees includes Associates, Bachelors, Masters, Professional and Doctorate degrees.

*%age represents the highest level of educational attainment.

For further information: <http://labor.state.ak.us/trends/dec02.pdf>

Table 2.170: Educational Attainment, Females, 25 Years and Older, 2000 (AHCDB Table 1.070)

Region/Census Area	Total Male Age ≥ 25	Less than High School	% less than High School	High School Graduate	% * High School Graduate	Some College	Assoc. Degree	Bach. Degree	Master's Degree	Prof. School Degree	Doctorate Degree	% * Receiving College Degree
Statewide Total	183,880	21,291	12%	48,437	26%	53,810	13,685	31,647	11,333	2,503	1,174	33%
Northern	5,526	1,418	26%	1,896	34%	1,058	195	652	235	54	18	21%
Nome	2,200	551	25%	795	36%	425	65	263	68	25	8	20%
North Slope	1,783	429	24%	556	31%	364	85	237	90	19	3	24%
Northwest Arctic	1,543	438	28%	545	35%	269	45	152	77	10	7	19%

Source: Williams, Greg. (2002) Education in Alaska, Alaska Economic Trends, Alaska Dept of Labor and Workforce Development (vol 22 (12), pg 3-12). [AND] U.S.Census Bureau, 2000 Census.

Note: Received college degrees includes Associates, Bachelors, Masters, Professional and Doctorate degrees.

*%age represents the highest level of educational attainment.

For further information: <http://labor.state.ak.us/trends/dec02.pdf>

Table 2.180: Educational Attainment, All Alaskans Age 25+, 1990-2000 (AHCDB Table 1.080)

	1990		2000		% Change (1990-2000)	1990		2000		% Change (1990-2000)
	High School Diploma or More	% of Population 25+	High School Diploma or More	% of Population 25+		Bachelor's Degree or More	% of Population 25+	Bachelor's Degree or More	% of Population 25+	
Statewide	324,528	85.8	379,022	86.8	17%	76,778	20.3	96,080	22.0	25%
Northern Region	8,103	65.7	10,678	73.2	32%	1,443	11.7	1,898	13.0	32%
Nome	3,348	65.3	4,205	72.6	26%	624	12.2	764	13.2	22%
North Slope	2,528	67.8	3,494	76.6	38%	469	12.6	665	14.6	42%
Northwest Arctic	2,227	64.2	2,979	70.5	34%	350	10.1	469	11.1	34%

Source: Williams, Greg. (2002) Education in Alaska, Alaska Economic Trends, Alaska Dept of Labor and Workforce Development (vol 22 (12), pg 3-12). [AND] U.S.Census Bureau, 2000 Census.

*%age represents the highest level of educational attainment.

For further information: <http://labor.state.ak.us/trends/dec02.pdf>

Table 2.190: Health Care Coverage, Regional Comparison, 2005-2007 BRFSS Combined Responses

	Sample Size	Number with Health care Coverage	% with Health care Coverage *	Confidence Interval 95%	Male		Female	
					Sample Size	% with Healthcare Coverage *	Sample Size	% with Healthcare Coverage *
Statewide Total	15,010	12,439	82.3%	81.4-83.3%	6851	81.9%	8159	82.9%
Northern Region	3126	2500	78.3	76.5-80.1	1438	77.8	1688	79.0
Nome	2180	1724	77.6	75.4-79.7	989	76.9	1191	78.5
North Slope	514	429	81.1	76.0-85.4	241	80.0	273	82.5
Northwest Arctic	432	347	78.4	73.0-82.9	208	79.5	224	77.1

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 2.200: Percent of Alaska Population Enrolled in Medicaid (AHCDB Table 4.100)

Region and Census Area	Average Monthly Medicaid Enrollment (AME)		2007 AME Percent of CY 2006 Population
	SFY 2006	SFY 2007	
Statewide (excludes out-of-state)	95,834	91,117	13.6%
Northern	5,991	5,640	23.8%
Nome Census Area	2,745	2,681	28.1%
North Slope Borough	1,292	1,143	16.8%
Northwest Arctic Borough	1,954	1,816	24.8%

Source: Caseload statistics provided by State of Alaska Division of Public Assistance (2007), available at

<http://dpaweb.hss.state.ak.us/files/reports/Csld&BeneSumm.pdf>.

Table 2.210: Medicare Enrollment, Aged (65+ years), Disabled, and Totals 2003-2005, with Regional Comparisons for 2003 (AHCDB Table 4.110)

Year	Aged (65+ years)	Disabled	Total	% Disabled
2003	39,038	8,711	47,749	18%
2004	40,854	9,448	50,350	19%
2005	41,469	9,612	51,149	19%
2003 to 2005 increase	6.2%	10.3%	7.1%	
Region				
Northern	1,314	212	1,526	14%
Total (2003)	39,038	8,711	47,749	18%

Source: Centers for Medicare and Medicaid Services, US DHSS. (2005) Medicare Enrollment Reports (accessed 6/14/07).

Notes: The Medicare program provides health insurance for people 65 years of age and older, certain disabled people, and people with kidney failure.

Coverage is divided into two parts: Hospital Insurance (HI) or Part A, and Supplementary Medical Insurance (SMI) or Part B.

For further information: <http://www.cms.hhs.gov/MedicareEnRpts/>

Category 3: Health Resource Availability

Definition of Category: This domain represents factors associated with health system capacity, which may include both the number of licensed and credentialed health personnel and the physical capacity of health facilities. In addition, the category of health resources includes measures of access, utilization, cost and quality of health care and prevention services. Service delivery patterns and roles of public and private sectors as payers and/or providers may also be relevant.

Table 3.010: Licensed Physician and Physician Assistant Workforce, by Type, by Region. 2007
(AHCDB Table 3.010)

Region/Census Area	Licensed Physician	Licensed Osteopath	Physician Assistant	Totals
Statewide Totals	1,434	111	284	1,829
Northern	18	3	17	38
Nome	9	1	11	21
North Slope	4	2	5	11
Northwest Arctic	5	0	1	6

Source: Alaska Division of Corporations, Business and Professional Licensing, Department of Commerce, Community, and Economic Development (2007). Occupational Licensure Database (accessed 3/14/07).

Note: Licensure data include only active, unrestricted licenses.
For further information: <http://www.commerce.state.ak.us/occ/apps/ODStart.cfm>

Table 3.020: Distribution of Alaska Physicians—Percent in Primary Care by Region (2006)
(AHCDB Table 3.030)

Region/Census Area	Number of Total Physicians	% of Statewide Physicians	% of Physicians with Primary Care Specialty	% of Alaska Population
Statewide Total	1,316	100%	-	-
Northern				
Barrow	5	0%	80%	1%
Kotzebue	6	0%	100%	1%
Nome	8	1%	88%	1%

Source: Alaska Physician Supply Task Force. (2006). *Securing an Adequate Number of Physicians for Alaska's Needs*. Publication coordinated by Alaska HPSD DHSS. (Fig 2, pg. 15). [Data-set resulted from reconciling *Alaska State Medical Association Directory*, and, Alaska Division of Corporations, Business and Professional Licensing, Department of Commerce, Community, and Economic Development (2007). Occupational Licensure Database.

Note: Licensure data include only active, unrestricted licenses.
For further information: <http://www.hss.state.ak.us/commissioner/Healthplanning/publications/assets/PSTF-06.pdf>

Table 3.030: Mid-Level Practitioners by Type and Region, 2007 (AHCDB Table 3.100)

Region/Census Area	Nurse Practitioners	Physician Assistants	Totals
Statewide Totals	450	284	734
Northern	7	17	24
Nome	1	11	12
North Slope	2	5	7
Northwest Arctic	4	1	5

Source: Alaska Division of Corporations, Business and Professional Licensing, Department of Commerce, Community, and Economic Development (2007). Occupational Licensure Database (accessed 3/14/07).

Note: All Nurse Practitioners are also Licensed Registered Nurses.
For more information: <http://www.commerce.state.ak.us/occ/apps/ODStart.cfm>

Table 3.040 (3.120): Nursing Workforce, by Type, by Region, 2007 (AHCDB Table 3.120)

Region/Census Area	Advanced Nurse Practitioners	Registered Nurses	Licensed Practical Nurses	Certified Nurse Aides
Statewide Totals	450	5,796	686	2,520
Northern	7	105	15	56
Nome	1	45	5	30
North Slope	2	24	4	6
Northwest Arctic	4	36	6	20

Source: Alaska Division of Corporations, Business and Professional Licensing, Department of Commerce, Community, and Economic Development (2007). [Occupational Licensure Database](#) (accessed 3/14/07).

Note: All Nurse Practitioners are also licensed Registered Nurses. Licensure data include only active, unrestricted licenses. For further information: <http://www.commerce.state.ak.us/occ/apps/ODStart.cfm>

Table 3.050: Public Health Nursing Workforce (FTE)*, by Type, by Region, 2007 (AHCDB Table 3.130)

Location of FTE	Nurse Practitioners	Public Health Nurses	Public Health Para-Professionals**	Nurse Consultants	Managers	Total Full Time Equivalent
Statewide Totals	10.06	111.65	18.5	9	23	172.21
Northern	.31	9	2.5	1	3	15.81
Nome	0	3.5	.5	1	1	6
<i>NSHC Employees**</i>	0	3.5	.5	1	1	6
North Slope	.31	3.5	1	0	1	5.81
<i>NSB Employees**</i>	.31	3.5	1	0	1	5.81
Northwest Arctic	0	2	1	0	1	4
<i>Maniilaq Employees**</i>	0	2	1	0	1	4

Source: Olson, Corrine, et al. (2007). Personal communication, re: structure of Alaska Public Health Nursing staffing pattern, DPH, DHSS (8/21/07).

*Counts are the number of Full Time Equivalent Positions (FTEs)

** Four entities (Municipality of Anchorage, Norton Sound Health Corporation, North Slope Borough and Maniilaq Association) provide public health nursing services through their own governmental and administrative structure with some supportive funding coming from the Alaska Department of Health and Social Services via a combination of state grant funds and Medicaid Interagency receipts.

*** Paraprofessionals include Public Health Nurse Aides, Health Program Associates, Family Service Counselors and other Aides.

Note: This chart reflects the assigned home base for each position, not the geographic area the position serves. For example, the five PHN positions based in Anchorage that are not part of the Municipality are itinerant public health nurses serving the Aleutian Islands and parts of the Bristol Bay and Yukon-Koyukuk areas, and nursing staff based in Juneau include the Chief, Deputy Chief and statewide consultant positions, as well as Southeast Regional manager, and public health nurse serving Angoon and other Southeast communities.

Table 3.060: Health Care Occupations, Male, 2000 (AHCDB Table 3.150)

Region/Census Area	Total Male 16 and Over Employed Population	Community and Social Services Occupations	Health Care Practitioners and Technical Occupations	Health Diagnosing and Treating Practitioners and Technical Occupations	Health Technologists and Technicians	Health Care Support Occupations	Total Health Care Occupations Employment
Statewide Total	149,034	2,521	3,383	2,613	770	707	9,994
Northern	4,545	91	82	73	9	25	280
Nome	1,610	29	37	34	3	13	116
North Slope	1,642	29	28	24	4	7	92
Northwest Arctic	1,293	33	17	15	2	5	72

Source: U.S. Census Bureau, 2000 Census, Table P50. Data set: Summary File 3 (SF 3) - Sample Data.

Note: The occupation data presented includes employed civilian males, age 16 and over, which declared some type of health care job as an occupation.

For further information:

http://factfinder.census.gov/servlet/DTGeoSearchByListServlet?ds_name=DEC_2000_SF3_U&lang=en&ts=199820896828

Table 3.070: Health Care Occupations, Female, 2000 (AHCDB Table 3.160)

Region/Census Area	Total Female 16 and Over Employed Population	Community and Social Services Occupations	Health Care Practitioners and Technical Occupations	Health Diagnosing and Treating Practitioners and Technical Occupations	Health Technolo- gists and Technicians	Health Care Support Occupations	Total Health Care Occupations Employment
Statewide Total	132,498	3,423	8,368	6,102	2,266	4,070	24,229
Northern	3,979	180	178	142	36	167	703
Nome	1,497	83	60	57	3	75	278
North Slope	1,348	49	57	44	13	31	194
Northwest Arctic	1,134	48	61	41	20	61	231

Source: U.S. Census Bureau, 2000 Census, Table P50. Data set: Summary File 3 (SF 3) - Sample Data.

Note: The occupation data presented includes employed civilian females, age 16 and over, which declared some type of health care job as an occupation.

For further information:

http://factfinder.census.gov/servlet/DTGeoSearchByListServlet?ds_name=DEC_2000_SF3_U&lang=en&ts=199820896828

Table 3.080: Allied Health Workforce—Selected Licensed Occupations by Type, by Region, 2007 (AHCDB Table 3.170)

Region	Direct-Entry Midwives	Dietitians	Nutritionists	Audiologists	Endorsed Optometrists
Statewide Total	21	141	3	31	105
Northern	0	9	0	3	2
Nome	0	4	0	2	1
North Slope	0	2	0	1	0
Northwest Arctic	0	3	0	0	1

Source: Alaska Division of Corporations, Business and Professional Licensing, Department of Commerce, Community, and Economic Development (2007) Occupational Licensure Database (accessed 3/16/07).

*Licensure data include only active, unrestricted licenses.

For further information: <http://www.commerce.state.ak.us/occ/apps/ODStart.cfm>

Table 3.090: Allied Health Workforce: Selected Licensed Habilitation Specialties, by Type, by Region, 2007 (AHCDB Table 3.180)

Regional/Census Area	Chiropractor	Occupational Therapist	Occupational Therapist Assistant	Physical Therapist	Physical Therapist Assistant	Speech Pathologist	Speech Pathologist Assistant
Statewide Totals	200	201	12	398	42	135	15
Northern	3	1	0	2	0	1	0
Nome	1	0	0	2	0	0	0
North Slope	1	0	0	0	0	1	0
Northwest Arctic	1	1	0	0	0	0	0

Source: Alaska Division of Corporations, Business and Professional Licensing, Department of Commerce, Community, and Economic Development (2007). [Occupational Licensure Database](#) (accessed 3/16/07).

Note: Licensure data include only active, unrestricted licenses.

For further information: <http://www.commerce.state.ak.us/occ/apps/ODStart.cfm>

Table 3.100: Community Health Aides and Practitioners (CHA/Ps)—by Level, by Census Area, 2007 (AHCDB Table 3.190)

Region/Census Area	CHA I	CHA II	CHA III	CHA IV	CHP	Total
Statewide Total	24	37	54	45	251	411
Northern	1	5	16	14	56	92
Nome	-	-	13	8	26	47
North Slope	1	2	1	1	3	8
Northwest Arctic	-	3	2	5	27	37

Source: CHAPS Certification Board. (2007). [Community Health Aide Program Certification Board's List \(as of 3/27/07\)](#). Personal communication from Victoria Heart and Ella Gonzalez, Alaska Tribal Health Consortium.

Note: All included listings are for those with active certificates, as of 3/27/07. Little Diomedede was added to the Nome Census Area for purposes of this table.

Table 3.110: Pharmacy Workforce—by Type, by Region, 2007 (AHCDB Table 3.200)

Region	Pharmacists	Pharmacist Interns	Pharmacy Technicians	Total Workforce
Statewide Total	421	23	958	1,402
Northern	3	1	26	30
Nome	1	0	9	10
North Slope	0	1	10	11
Northwest Arctic	2	0	7	9

Source: Alaska Division of Corporations, Business and Professional Licensing, Department of Commerce, Community, and Economic Development (2007). [Occupational Licensure Database](#) (accessed 3/16/07).

Note: Licensure data include only active, unrestricted licenses.

For further information: <http://www.commerce.state.ak.us/occ/apps/ODStart.cfm>

Table 3.120: Emergency Medical Services Workforce, by Level, by Region, 2007 (AHCDB Table 3.210)

Regional/Census Area	Mobile Intensive Care Paramedics	EMT-I	EMT-II	EMT-III	Total Unduplicated EMS Individual Practitioners
Statewide Totals	313	1,847	622	690	3,472
Northern	13	106	26	25	170
Nome	3	55	10	5	73
North Slope	5	17	14	8	44
Northwest Arctic	5	34	2	12	53

Source for Paramedics: McLearn, Kathy. (2007). Personal communication, re: Emergency Medical Technicians certification roster (March, 2007). Section of Injury Prevention and Emergency Medical Services, Division of Public Health, Alaska DHSS. [AND] Alaska Division of Corporations, Business and Professional Licensing, Department of Commerce, Community, and Economic Development (2007). Occupational Licensure Database (accessed 3/16/07).

Note: Licensure data include only active, unrestricted licenses.
For further information: <http://www.commerce.state.ak.us/occ/apps/ODStart.cfm>
<http://hss.state.ak.us/apps/EMSCert/ResponderSearchPage.aspx>

Table 3.130: Psychiatric, Psychological & Counseling Workforce, by Region, 2007 (AHCDB Table 3.230)

Region/Census Area	Psychiatrists	Clinical Psychologists	Psychological Associates	Professional Counselors	Marriage & Family Therapists	License Totals
Statewide Totals	63	138	46	356	78	681
Northern	0	3	1	10	0	14
Nome	0	2	1	4	0	7
North Slope	0	1	0	4	0	5
Northwest Arctic	0	0	0	2	0	2

Source: Alaska Division of Corporations, Business and Professional Licensing, Department of Commerce, Community, and Economic Development (2007). Occupational Licensure Database (accessed 3/14/07). [AND] Alaska State Medical Association Directory, Psychiatrists Licensed in Alaska, 2007.

Note: Licensure data include only active, unrestricted licenses.
For further information: <http://www.commerce.state.ak.us/occ/apps/ODStart.cfm>

Table 3.140: Social Work Workforce, by Region, 2007 (AHCDB Table 3.240)

Region/Census Area	Masters in Social Work	Clinical Social Worker	Bachelors in Social Work	Total Workforce
Statewide Totals	63	324	59	446
Northern	3	14	0	17
Nome	1	11	0	12
North Slope	1	2	0	3
Northwest Arctic	1	1	0	2

Source: Alaska Division of Corporations, Business and Professional Licensing, Department of Commerce, Community, and Economic Development (2007) Occupational Licensure Database (accessed 3/14/07).

Note: Licensure data include only active, unrestricted licenses.
For further information: <http://www.commerce.state.ak.us/occ/apps/ODStart.cfm>

Table 3.150: Office of Children’s Services: Child Protective Services Positions, by Type, by Region, 2007 (AHCDB Table 3.250)

Region/Census Area	Licensed Social Workers	Children Service Specialists	Nurses	Social Service Associates	Managers	Total Full Time Equivalents
Statewide Total	132	151	5	41	12	341
Northern	5	9	0	4	0	18
Nome	2	4	0	1	0	7
North Slope	2	2	0	2	0	6
Northwest Arctic	1	3	0	1	0	5

Source: Price, Shawnda. (2007). Personal communication, re: OCS staffing pattern (10/15/07). Office of Children's Services, Alaska DHSS.

Note: These are unique positions, by level, including filled and vacant, and permanent and non-permanent. Location of FTE is where position is housed; some positions are itinerate.

Table 3.160: Dental Health Workforce, 2007 (AHCDB Table 3.260)

Region/Census Area	Dentists	Dental Hygienists	PDHA-I&II*	EFDHA-I&II*	Certified Dental Health Aide Therapists*
Statewide Totals	467	409	10	12	8
Northern	9	2	0	6	6
Nome	6	1	0	6	2
North Slope	2	1	0	0	0
Northwest Arctic	1	0	0	0	4

Source: Alaska Division of Corporations, Business and Professional Licensing, Department of Commerce, Community, and Economic Development (2007). Occupational Licensure Database (accessed 3/14/07). [AND] Community Health Aide Program Certification Board's List (as of 2/19/07). Personal communication from Ron Nagel, Alaska Native Tribal Health Consortium.

*Note: Dental Health Aides (all categories) are not licensed by the State of Alaska, but are credentialed via the Community Health Aide Program (CHAP) Certification Board.

Definitions:

PDHA is defined as Primary Dental Health Aides I and II PDHA I- Village based services. Provides education and topical fluoride application. PDHA II- Builds upon the PDHA-services in the village, places sealants, exposes radiographs, performs cleanings and traumatic restorative treatment, manages emergencies, and assists the dentist in the village

EFDHA is defined as an Extended Function Dental Health Aide I and II Clinic based. Functions as dental assistant. EFDHAI places filling materials in prepared teeth (simple), EFDHA II places filling materials in prepared teeth (complex), May perform cleanings.

Note: Licensure data include only active, unrestricted licenses.

For further description of these job classes, see:

Community Health Aide Program certification Board, Standards and Procedures, Amended 1/31/2005

Table 3.170: Having a Personal Health Care Provider (HCP), Regional Comparison, BRFSS combined data 2005-2007

	Sample size	Have Personal Doctor / Health Care Provider	% Having Doctor or HCP *	Confidence Interval 95%	Male		Female	
					Sample Size	%Having personal doctor / HCP *	Sample Size	%Having personal doctor / HCP *
Statewide Total	7374	4202	57%	55.3-58.7%	3353	50.0%	4021	64.6%
Northern	417	132	29.4%	24.3- 35.0%	206	23.9%	211	36.6%
Nome	185	56	25.0%	18.8- 32.5%	102	18.7%	83	DSU
North Slope	104	31	31.5%	20.9- 44.5%	48	DSU	56	DSU
Northwest Arctic	128	45	32.8%	24.0- 42.9%	56	DSU	72	DSU

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

DSU = Data Statistically Unreliable due to sample size or confidence interval

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 3.180: Adults Who Could Not Afford to See a Doctor Because of Cost, by Region, BRFSS combined data 2005-2007

	Sample size	Could Not Afford Doctor Visit	% Could Not Afford Doctor Visit	Confidence Interval 95%	Male		Female	
					Sample Size	%Could not afford doctor Visit *	Sample Size	%Could not afford doctor Visit *
Statewide Total	7432	1137	14.6%	13.4-15.8%	3379	11.9%	4053	17.5%
Northern	428	62	12.8%	9.7- 16.7%	211	10.6%	217	15.5%
Nome	190	27	12.7%	8.5- 18.5%	105	13.4%	57	DSU
North Slope	106	13	13.4%	7.3- 23.5%	49	DSU	75	16.3%
Northwest Arctic	132	22	12.3%	7.6- 19.3%	57	8.3%	52	DSU

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

DSU = Data Statistically Unreliable due to sample size or confidence interval

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 3.190: Community Health Center Delivery Sites by Region, 2007 (AHCDB Table 4.150)

Region/Census Area	Provider Agency	Year	Site Count Totals
Northern			
Nome			
Brevig Mission	Norton Sound Health Corporation	2002	1
Elim	Norton Sound Health Corporation	2003	1
Gambell	Norton Sound Health Corporation	2002	1
Golovin	Norton Sound Health Corporation	2003	1
Koyuk	Norton Sound Health Corporation	2002	1
Little Diomedea	Norton Sound Health Corporation	2002	1
Savoonga	Norton Sound Health Corporation	2002	1
Shaktolik	Norton Sound Health Corporation	2002	1
Shishmaref	Norton Sound Health Corporation	2002	1
St Michael	Norton Sound Health Corporation	2002	1
Stebbins	Norton Sound Health Corporation	2002	1
Teller	Norton Sound Health Corporation	2002	1
Unalakleet	Norton Sound Health Corporation	2002	1
Wales	Norton Sound Health Corporation	2002	1
White Mountain	Norton Sound Health Corporation	2003	1
North Slope			
Point Hope	Maniilaq Association	2003	1
Northwest Arctic			
Ambler	Maniilaq Association	2003	1
Buckland	Maniilaq Association	2002	1
Deering	Maniilaq Association	2003	1
Kiana	Maniilaq Association	2002	1
Kivalina	Maniilaq Association	2003	1
Kobuk	Maniilaq Association	2003	1
Noatak	Maniilaq Association	2003	1
Noorvik	Maniilaq Association	2002	1
Selawik	Maniilaq Association	2002	1
Shungnak	Maniilaq Association	2003	1

Source: Bureau of Primary Health Care. (2007). *Clinic Sites*, Web-site of U.S. Health Resources and Services Administration. Reconciled with *Directory of Alaska Health Care Sites*, Vol 4, Feb. 2006, Alaska Health Planning and Systems Development, DHSS; and list from Alaska Primary Care Association. As of 6/7/07

Note: CHC's are funded under Section 330 of the Public Health Services Act. Data as of 5/7/2007
 For further information: <http://ask.hrsa.gov/pc/searchresults.cfm?state=AK&zip=&county=-1>
http://www.hss.state.ak.us/pdf/HC_Sites_Dir_feb06.pdf

Table 3.200: Tribal Health Care—Outpatient Activity by Region, FY 2006 (AHCDB Table 4.220)

Region/Census Area	Total Ambulatory			Primary Care Provider Visits		
	FY 2005	FY 2006	% Change	FY 2005	FY 2006	% Change
Statewide	1,433,272	1,465,308	2.2%	781,426	770,054	-1.5%
Northern						
Barrow Service Unit	16,271	24,992	53.6%	11,405	20,697	81.5%
Samuel Simmonds Memorial Hospital	11,671	21,024	80.1%	11,155	20,305	82.0%
Field Visits	4,600	3,968	-13.7%	250	392	56.8%
Kotzebue Service Unit	37,268	54,231	45.5%	23,737	35,515	49.6%
Maniilaq Medical Center	26,450	45,032	70.3%	18,838	28,877	53.3%
Field Visits	10,818	9,199	-15.0%	4,899	6,638	35.5%
Norton Sound Health Corporation	68,072	61,465	-9.7%	28,149	-	-
Norton Sound Hospital	38,749	27,816	-28.2%	22,077	-	-
Field Visits	29,323	33,649	14.8%	6,072	-	-

Source: Hall, Richard, and Leach, Diane. (2007). Personal communication (6/2007), re: ATHS Statistical Summary of Workload, FFY 2006. Alaska Native Tribal Health Consortium, Division of Information Technology. Data from HSA-202 Monthly Report.

Note: Fiscal Year runs October 1 through September 30

Table 3.210: Tribal Health Care—Community Health Aide Visits (adjusted) by Agency, FY 2005 (AHCDB Table 4.240)

Agency	Patient Encounter (1.0)*	Group Health Education (2.0)*	Fluoride (0.1)*	Assist Other Providers (0.25)*	Other	Tribal Total
Statewide	252,351	526	21,171	19,043	0	260,281
Northern						
Maniilaq Association	33,560	0	0	339	0	33,645
North Slope Borough	13,295	0	112	1,846	0	13,768
Norton Sound Health Corporation	27,614	38	10,588	5,958	0	30,238

Source: Hall, Richard, and Leach, Diane. (2007). Personal communication (6/2007), re: ATHS Statistical Summary of Workload, FFY 2006. Alaska Native Tribal Health Consortium, Division of Information Technology. Data from HSA-202 Monthly Report.

Notes:

Community Health Aide (CHAP) "visits" are calculated as a weighted summation, comprised of individual patient encounters plus other types of CHAP workload. The workload weightings vary depending on the type of visit.

Each weighting factor is here-shown as the number in parentheses in each column heading. The value of the weightings are as follows:

Face-to-face patient encounter with a Community Health Aide is equivalent to one (1.0) visit.

Group health encounters are equivalent to two (2.0) visits.

Fluoride treatments are equivalent to 0.1 visits.

Assisting other providers is equivalent to 0.25 of a Community Health Aide visit. (In general, "other providers" are those specialists that conduct field clinics. The CHAP health aide assists these providers during their field visits.)

Weightings are based on the assumptions that a patient encounter requires one hour of CHAP Community Health Aide time, that group health education presentations take two hours, that fluoride rinses take six minutes, and that assisting other providers takes 15 minutes.

Figures in the Tribal Total column already have the weighting formulas applied.

Fiscal Year runs October 1 through September 30

Table 3.220: Tribal Health Care—Dental Services Activity FY 2006 (AHCDB Table 4.245)

Region/Census Area	FY 2005	FY 2006	% Change
Statewide	99,783	98,354	-1.4%
Northern			
Kotzebue Service Unit	3,350	6,096	82.0%
Maniilaq Medical Center		5,015	
Field Visits		1,081	
Norton Sound Health Corporation	-	9,949	-
Norton Sound Hospital	-	4,654	-
Field Visits	-	5,295	-

Source: Hall, Richard, and Leach, Diane. (2007). Personal communication (6/2007), re: ATHS Statistical Summary of Workload, FFY 2006. Alaska Native Tribal Health Consortium, Division of Information Technology. Data from HSA-202 Monthly Report.

Note: Fiscal year runs October 1 through September 30.

Table 3.230: Hospitals and Nursing Home Facilities—Total Beds by Facility Type and Location, 2006 (AHCDB Table 4.190)

Facilities	Type	Total Beds	Acute Beds	Swing Beds	Designation*	Location
Statewide Totals		2,417	1,101	98		
Rural Primary Care Hospitals		84	45	23		
Norton Sound Regional	-	33	18		(1) (3)	Nome
PHS-ANH Hospitals		302	-	7		
Samuel Simmonds Memorial Hospital	-	14	-	-	(1) (3)	Barrow
Maniilaq Medical Health Center	-	17	-	-	(3)	Kotzebue
Nursing Facilities		708				
Quyanna Care Center	-	15	-	-	-	Nome

Source: Alaska Certification and Licensure Office, Division of Public Health, DHSS. (2006). Facility Licensure List (as of 7/1/06). (Web-site accessed 6/12/07).

Designation (1) JCAHO, (2) Swing Bed Hospital, and (3) Critical Access Hospital (CAH)

For further information: <http://www.hss.state.ak.us/dph/CL/PDFs/Facilities%20List%20-%20202.pdf>

Table 3.240: Tribal Hospitals—Locations, Beds, and Inpatient Activity, Excluding Newborns, FFY 2006 (AHCDB Table 4.200)

Staffed Hospital Bed Utilization Report*				
Facility	Location	Staffed Beds	Average Daily Census	Peak Census
Maniilaq Medical Center	Kotzebue	17	4.9	10
Norton Sound Regional Hospital	Nome	18	-	-
Samuel Simmonds Memorial Hospital	Barrow	12	1.2	4

Inpatient Activity, Excluding Newborns

Facility	Admissions			Inpatient Days		
	FY 2005	FY 2006	% Change	FY 2005	FY 2006	% Change
Maniilaq Medical Center	406	669	64.8%	1,208	1,825	51.1%
Norton Sound Regional Hospital	701	681	-2.9%	2,197	2,305	4.9%
Samuel Simmonds Memorial Hospital	150	197	31.3%	341	483	41.6%
Area Total	10,444	11,382	9.0%	49,034	51,833	5.7%

Facility	Average Daily Patient Load			Average Length of Stay		
	FY 2005	FY 2006	% Change	FY 2005	FY 2006	% Change
Maniilaq Medical Center	3.3	5.0	51.1%	3.0	2.7	-8.3%
Norton Sound Regional Hospital	6.0	6.3	4.9%	3.1	3.4	8.0%
Samuel Simmonds Memorial Hospital	0.9	1.3	41.6%	2.3	2.5	7.9%
Area Total	134.3	142.0	5.7%	4.7	4.6	-3.0%

Source: Hall, Richard, and Leach, Diane. (2007). Personal communication (6/2007), re: ATHS Statistical Summary of Workload, FFY 2006. Alaska Native Tribal Health Consortium, Division of Information Technology. Data from HSA-202 Monthly Report.

*As of September 1, 2006 (partial year) Fiscal year runs October 1 through September 30

Category 5: Behavioral Risk Factors – Youth and Adult

Definition of Category: Risk factors in this category include behaviors which are believed to cause, or to be contributing factors to, injuries, disease, and death during youth and adolescence and significant morbidity and mortality in later life.

Table 5.010: Current Tobacco Use, Combined BRFSS data, 2005-2007)

	Total Sample Size	Current Smokers *	Former Smokers *	Never Smoked *	Male			Female		
					Current Smokers *	Former Smokers *	Never Smoked *	Current Smokers *	Former Smokers *	Never Smoked *
Statewide Total	15,009	23.4%	26.5%	50.0%	26.0%	28.7%	45.4%	20.7%	24.2%	55.1%
Northern	886	44.8	22.2	33.0	49.8%	22.5%	27.7%	38.9%	21.8%	39.3%
Nome	398	46.8%	19.7%	33.5%	49.9%	20.1%	37.2%	42.9%	19.2%	40.3%
North Slope	226	43.9%	21.7%	34.4%	48.8%	21.3%	29.9%	37.6%	22.2%	40.3%
Northwest Arctic	262	43.2%	25.7%	31.1%	50.6%	26.6%	22.7	35.1%	24.6%	51.5%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 5.020: Illegal drug use, dependence/abuse habits within the state of Alaska

	Past month Illicit Drug Use	Past Year Marijuana Use	Past Year Cocaine Use	Past Year Non-medical Pain Reliever Use	Past Year Illicit Drug Dependence or Abuse
Statewide Total*	58,000	76,000	13,000	29,000	18,000
Ages 12-25*	24,000	35,000	6,000	13,000	10,000
Ages 26 +*	34,000	40,000	7,000	15,000	8,000

* Numbers Rounded to nearest thousand

Source: United States Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Office of Applied Studies.

<http://oas.samhsa.gov/statesIndex.htm>

Table 5.030: Binge Drinking * by Region , Combined BRFSS data, 2005-2007

	Total Sample Size	At risk for "Binge Drinking"	% of population at risk for Binge Drinking**	Confidence Interval 95%	Male		Female	
					Sample Size	%at risk for binge drinking **	Sample Size	%at risk for binge drinking **
Statewide Total	7285	1203	%17.8	%16.4-19.3	3292	23.9%	3993	11.4%
Northern	412	85	19.3%	15.3% - 24.0%	200	23.0%	212	14.7%
Nome	184	43	22.6%	16.5% - 30.1%	101	25.7%	83	17.9%
North Slope	100	18	16.6%	9.9% - 26.6%	43	DSU	57	13.3%
Northwest Arctic	128	24	17.5%	11.2%-26.5%	56	DSU	72	12.8%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

* Binge drinking is defined as having 5 or more drinks on any one occasion (respondents are asked for behaviors in past 30 days).** Percentages are weighted based on actual population statistics

DSU = Data statistically unreliable due to sample size or confidence interval

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 5.040: Heavy Drinkers, by Region, Combined BRFSS data 2005-2007

	Total Sample Size	At risk for "Heavy Drinking"	% of population at risk for Heavy Drinking**	Confidence Interval 95%	Male		Female	
					Sample Size	%at risk for Heavy Drinking **	Sample Size	%at risk for Heavy Drinking **
Statewide Total	7205	424	5.8%	5.0-6.7%	3248	6.7%	3957	4.8%
Northern	404	12	2.7%	1.4% - 5.3%	197	3.1%	207	2.3%
Nome	180	6	3.1%	1.2%- 7.9%	99	3.4%	81	2.6%
North Slope	100	3	2.8%	0.8%- 9.2%	43	DSU	57	3.2%
Northwest Arctic	124	3	2.2%	0.6%- 8.5%	55	3.0%	69	1.5%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

DSU = Data statistically unreliable due to sample size or confidence interval

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Note: Heavy drinkers are defined as those who responded that they consumed more than two drinks per day (for men) and more than one drink per day (for women).

Table 5.050: Five Fruits and Vegetables (F&V), Self reported BRFSS data, combined 2005-2007

	Total Sample Size	Consume less than 5 F&V per day	% of population Consume less than 5 F&V per day *	Confidence Interval 95%	Male		Female	
					Sample Size	% Consume less than 5 F&V per day *	Sample Size	% Consume less than 5 F&V per day *
Statewide Total	7807	5957	75.9%	74.4-77.3%	3557	81.2%	4250	72.3%
Northern	541	369	83.7%	79.7% - 87.1%	229	86.6%	222	79.9%
Nome	199	33	85.4%	79.3% - 89.9%	108	86.4%	58	DSU
North Slope	114	28	77.2%	67.4% - 84.8%	56	DSU	58	DSU
Northwest Arctic	138	117	86.8%	79.8% - 91.6%	65	92.2%	73	81.1%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

DSU = Data statistically unreliable due to sample size or confidence interval

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 5.060: Obesity, Overweight***, Statewide and by region, BRFSS combined data 2005-2007**

	Total Sample Size	Over-weight	% of population Over-weight*	Obese	% of population Obese *	Male		Female			
						Sample Size	% Over weight	% Obese	Sample Size	% Over weight	% Obese
Statewide Total	14528	5530	38.4%	4030	26.4%	6811	46.5%	25.8%	7717	29.3%	27.0%
Northern	867	285	32.7%	275	28.9%	426	35.7	26.1%	441	28.9%	32.6%
Nome	388	129	34.0%	104	22.8%	204	36.4%	19.4%	184	30.7%	27.2%
North Slope	222	69	31.7%	81	30.7%	107	34.9%	28.7%	115	27.3%	33.3%
Northwest Arctic	257	87	31.9%	90	35.3%	115	35.5%	32.7%	142	27.9%	38.1%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

**Obesity is defined as having a Body Mass Index greater than 30

*Overweight is defined as having a Body Mass Index between 25 and 30.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 5.070: Exercise—No Leisure Time Physical Activity, by Region, Combined BRFSS data 2005-2007

	Total Sample Size	Report no Leisure exercise in past 30 days	% Report no Leisure exercise in past 30 days *	Confidence Interval 95%	Male		Female	
					Sample Size	% Report no Leisure exercise in past 30 days *	Sample Size	% Report no Leisure exercise in past 30 days *
Statewide Total	10402	2370	21.1%	19.9-22.4%	4771	18.2%	5631	22.4%
Northern	604	171	28.8%	24.1% - 33.9%	298	24.8%	306	33.8%
Nome	275	74	25.7%	20.0% - 32.3%	150	26.0%	125	25.2%
North Slope	155	53	31.5%	22.5% - 42.0%	72	DSU	83	DSU
Northwest Arctic	174	44	30.2%	21.3% - 40.9%	76	DSU	98	32.8%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

DSU = Data statistically unreliable due to sample size or confidence interval

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 5.080: Seat Belt Use, by Fiscal Year, SFY 2001-2006 (AHCDB 2.535)

	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
Seat Belt Use (% of properly restrained occupants in a motor vehicle) ***	62.6%	65.8%	78.9%	77.0%	78.4%	-

***pg 253 http://hss.state.ak.us/das/budget/pdfs/DHSS_FY08_OVERVIEW_FINAL_01-25-07.pdf

For further information: (2)<http://www.gov.state.ak.us/omb/results/viewbyfact.php?c=Health>

(4,5)http://hss.state.ak.us/das/budget/pdfs/DHSS_FY08_OVERVIEW_FINAL_01-25-07.pdf

Table 5.090: Observed Alaska Seat belt use among drivers, passengers, and occupants, by region, 2002-2008.

All Vehicles	2008	2007	2006	2005	2004	2003	2002
All Regions							
Drivers Belted	0.859	0.828	0.837	0.785	0.772	0.797	0.663
Passengers Belted	0.812	0.810	0.832	0.779	0.750	0.762	0.643
Share of Occupants	0.849	0.824	0.832	0.784	0.767	0.789	0.658
Anchorage							
Drivers Belted	0.874	0.838	0.848	0.821	0.812	0.822	0.690
Passengers Belted	0.828	0.808	0.838	0.781	0.775	0.797	0.669
Share of Occupants	0.865	0.833	0.846	0.812	0.804	0.817	0.685
Fairbanks							
Drivers Belted	0.841	0.822	0.820	0.738	0.692	0.772	0.627
Passengers Belted	0.783	0.797	0.755	0.675	0.658	0.737	0.594
Share of Occupants	0.828	0.817	0.807	0.724	0.684	0.764	0.619
Juneau							
Drivers Belted	0.816	0.770	0.758	0.839	0.724	0.716	0.633
Passengers Belted	0.814	0.770	0.684	0.813	0.750	0.689	0.652
Share of Occupants	0.815	0.770	0.745	0.833	0.730	0.709	0.638
Kenai/Soldotna							
Drivers Belted	0.756	0.729	0.785	0.770	0.765	0.687	0.558
Passengers Belted	0.709	0.717	0.819	0.797	0.817	0.588	0.559
Share of Occupants	0.745	0.726	0.793	0.777	0.778	0.669	0.558
Mat-Su							
Drivers Belted	0.837	0.803	0.784	0.687	0.767	0.670	0.556
Passengers Belted	0.795	0.893	0.890	0.803	0.735	0.621	0.524
Share of Occupants	0.826	0.826	0.809	0.716	0.759	0.658	0.549

From "Alaska Seat Belt Observation Surveys 2008" Prepared by Ron Perkins, MPH, Alaska Injury Prevention Center, June 2008.

Table 5.100: Women aged 18+ who have had a Pap test in the past 3 years. BRFSS combined data from 2002, 2004, 2006.

	Sample size	Report having a Pap test in past 3 years	% Pap test in past 3 years *	Confidence Interval 95%
Statewide Total	3183	2835	88.7%	86.9-90.4%
Northern	211	195	93.2%	88.6% - 96.1%
Nome	84	75	90.7%	81.9% - 95.4%
North Slope	62	58	92.2%	79.0% - 97.4%
Northwest Arctic	65	62	96.9%	89.4% - 99.1%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2002, 2004, 2006. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 5.110: Tobacco habits of Youth, State YRBS data 2007

	% Have ever tried Smoking, even 1 or 2 puffs	% Have smoked regularly in their lifetimes**	% Have smoked in the past 30 days	% Have been in the same room as a person smoking in the past 7 days
Statewide	52.7%	13.8	17.8	46.1
Male	51.1	12	15.9	40.8
Female	54.0	15.5	19.7	51.7

Source: 2007 Youth Risk Behavior Survey results. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages represent weighted data

**Regularly is defined as smoking at least 1 cigarette daily for 30 days.

Table 5.120: Alcohol habits of Youth, State YRBS data 2007

	% who have had at least 1 drink of alcohol in their lifetime	% who have had at least 1 drink of alcohol in past 30 days	% binge drinking on one or more of the past 30 days**
Statewide	73.6%	39.7%	25.8%
Male	73.4	40.0	27.3
Female	73.9	39.2	23.9

Source: 2007 Youth Risk Behavior Survey results. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

Note: Percentages represent weighted data

** Binge drinking is defined as having 5 or more drinks on any one occasion (respondents are asked for behaviors in past 30 days).

Table 5.130: Nutrition habits of Youth, State YRBS data 2007

	% who consume 5 or more fruits and vegetables daily in the past week	% who have drunk non-diet soda pop in the past week	% who have drunk 3 or more glasses of milk in the past 7 days
Statewide	15.7	21.8	11.3
Male	16.2	25.1	14.1
Female	14.8	18.3	8.2

Source: 2007 Youth Risk Behavior Survey results. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

Note: Percentages represent weighted data

Table 5.140: Automobile safety habits of Youth, State YRBS data 2007

	% who rarely or never wore a seatbelt while riding in a car.	% who have, in the past 30 days, ridden with a driver who had been drinking	% who drove a car in the past 30 days after they had been drinking
Statewide	7.0	23.5	9.7
Male	8.8	21.5	11.3
Female	5.0	25.4	7.8

Source: 2007 Youth Risk Behavior Survey results. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

Note: Percentages represent weighted data

Category 6: Environmental Health

Definition of Category: The physical environment directly impacts health and quality of life. Clean air and water, as well as safely prepared food, are essential to physical health. Exposure to environmental substances such as lead or hazardous waste increases risk for preventable disease. Unintentional home, workplace, or recreational injuries affect all age groups and may result in premature disability or mortality.

Table 6.010: Air Quality Index Report – Obtained Locally

Good	Moderate	Unhealthy for Sensitive Groups	Unhealthy	Total Days AQI Measured
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Table 6.020: Clean Indoor Air Policies – Obtained locally

Region	Indoor Air Ordinances (obtained locally)
Nome	
North Slope	
Northwest Arctic	

Table 6.030: Tobacco Control Ordinances – Obtained locally

Region	Tobacco Ordinances (obtained locally)
Nome	
North Slope	
Northwest Arctic	

Table 6.050 – Incidence rates of injuries and illnesses by selected industries and case types, 2007

	Total Number of Employees (x1,000)	Incidence of Reportable Cases*	Cases with days away from work	Cases with job transfer or restriction	Other recordable cases
All Alaska Employees	289.5	5.2	1.9	0.6	2.7
Private Sector	233.7	5.5	2.0	0.7	2.8
Goods Producing	45.0	7.0	2.7	0.7	3.7
Service Providing	188.7	5.0	1.8	0.6	2.5
State, Local Government	55.8	4.2	1.6	0.3	2.3
State Level	22.7	2.9	1.1	0.3	1.5
Local Level	33.1	5.0	2.0	0.3	2.8

*Cases of nonfatal occupational injuries and illnesses reported per 100 employees, using the calculation (N/EH) * 200,000 where N=total injuries, and EH is the total number of hours worked by employees in the year (200,000 would be total hours worked by 100 employees over a yearlong period of time).

<http://laborstats.alaska.gov/cgi/databrowsing/?PAGEID=4&SUBID=287>

Category 7: Social & Mental Health

Definition of Category: This category represents social and mental factors and conditions which directly or indirectly influence overall health status and individual and community quality of life. Mental health conditions and overall psychological well-being and safety may be influenced by substance abuse and violence within the home and within the community.

Table 7.010: Days of Mental Health Not Good in past 30 days: Combined BRFSS data 2005-2007

	Sample size	Mental Health Not Good 14+ Days *	% Mental Health Not Good 14+ Days *	Confidence Interval 95%	Male		Female	
					Sample Size	%Mental health not good 14+ Days *	Sample Size	%Mental health not good 14+ Days *
Statewide Total	14747	1455	9.6%	8.9-10.3%	6755	7.9%	7992	11.4%
Northern	864	94	6.9%	5.2-9.1%	418	6.7%	446	7.1%
Nome	389	32	8.1%	5.5-11.9%	200	7.9%	189	8.5%
North Slope	217	12	4.4%	2.4-8.1%	103	4.6%	114	4.2%
Northwest Arctic	258	20	7.3%	4.3-12.0%	115	7.0%	143	7.7%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 7.020: Mental Health Clientele by Setting, Age Group, and Sex, SFY 2005

Service Setting	Age 0-17		Age 18-20		Age 21-64		Age 65 and older		Age not available		Total
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	
Community Mental Health Programs	2,558	3,228	164	130	1,990	1,170	53	21	3	5	9,322
State Psychiatric Hospitals	94	111	59	96	503	571	12	7	-	-	1,453
Other Psychiatric Inpatient Settings	324	360	18	7	121	41	4	1	-	-	876
Residential Treatment Centers for Children	421	572	6	10	-	-	-	-	-	-	1,009
Service Episodes											
Total Number of service episodes in year *	3,397	4,271	247	243	2,614	1,782	69	29	3	5	12,660

Source: Findley, Jean. (2007). Personal communication re: 2005 total population receiving mental health services (3/14/07), HPSD, Alaska DHSS. From: CMHS FY 2005 Uniform Reporting System, Basic Table 3A and B; Div Behavioral Health, Alaska DHSS.

* Duplicate count is possible due to use patterns

Notes:

The table provides a profile of clients who received public-funded mental health services in community mental health settings, in state psychiatric hospitals, in other psychiatric in patient settings, and residential treatment centers for children.

Clients can be duplicated between rows (e.g. the same client may be served in both state psychiatric hospitals and community mental health centers during the same year and would be reported in counts for both rows). Corroboration of this data was not provided by the Alaska Division of Behavioral Health. Caution is advised when interpreting the data.

Table 7.030: Local mental health clientele – Information obtained locally

Table 7.040: Safety of Children, Selected Measures of Harm, by Region, FFY 2006 (AHCDB Table 2.100)

Region/Census Area*	Physical Abuse	Neglect**	Medical Neglect	Sexual Abuse	Psychological or Emotional Maltreatment	Total Instances of Abuse***
Statewide	716	2,459	187	240	1,408	5,010
Northern	23	152	15	8	64	262
Nome	4	47	5	2	21	79
North Slope	9	58	1	-	33	101
Northwest Arctic	10	47	9	6	10	82

Source: Mathews, Michael. (2007). Personal communication, re: Alaska OCS reports of harm (4/16/07). From: 2006 NCANDS, Alaska Office of Children's Services, DHSS.

* The census area or borough to which the report of substantiated maltreatment was assigned for CPS response.

**Neglect category also includes abandonment.

***Total instances of abuse means the total summation, adding across categories, of counts of substantiated reports of abuse (for which a Child Protective Services response was assigned), for the specified area. This is not an unduplicated count of individuals.

Table 7.050: Safety of Children—Out-of-Home Placements, by Region, FFY 2006 (AHCDB Table 2.110)

Region/Census Area*	Pre-Adoptive Home	Foster Family Home (Relative)	Foster Family Home (Non-Relative)	Group Home	Institution	Other	Trial Home Visit	Total Placements
Statewide	62	968	1,197	197	173	56	505	3,158
Northern	1	68	41	29	15	3	49	206
Nome	1	28	17	12	6	2	19	85
North Slope	-	9	4	2	5	-	1	21
Northwest Arctic	-	31	20	15	4	1	29	100

Source: Mathews, Michael. (2007). Personal communication, re: AK OCS out-of-home placements (4/16/07). Alaska Office of Children's Services, DHSS. From: AFCARS Foster Care Federal database, Fiscal Year A&B.

*Refers to the location of the child's community of origin, and not the location of the placement, per se."

Notes:

This table presents only OCS children-in-custody, and does not include non-custody youth, nor those who are in the custody of DJJ."

Total Placements – means the of the children and adolescents placed during the FFY. All placements are tallied as "most recent placement in FFY 2006". Therefore, this table presents only one placement per youth-placed. This is true even though there are some youth who were placed more than once during the year.

Table 7.060: Juvenile Justice Statistics, Statewide, SFY, 2006 (AHCDB Table 2.130)

Region/Community	Crimes		Caseload		Out-of-Home Placements*			Total Placements
	Referrals from Law Enforcement	Unduplicated Individuals	Non-custody	Custody	Level-a: (e.g. foster care / residential)	Level-b: (e.g. RPTC - in-state & out-of-state)	Level-c: (e.g. DJJ Institutional Treatment)	
Statewide Totals	5,713	3,929	2,201	457	634	114	246	994
Northern	477	280	117	45	36	0	1	37
Nome	173	105	63	10	0	0	1	1
Barrow	133	72	20	20	21	0	0	21
Kotzebue	171	103	34	15	15	0	0	15

Source: McDonough, Susan, and Forest, Karen (2007). Personal communication, re: Alaska Division of Juvenile Justice measures (4/6/07). Division of Juvenile Justice, Alaska DHSS.

*Level A foster care and group home. Level-B: Residential Psychiatric Treatment Center (RPTC) in-state and out-of-state. Level-C: Division of Juvenile Justice facility placement.

Notes:

All data is for SFY 2006 activity and is categorized by the Division of Juvenile Justice (DJJ), Alaska DHSS into the state-standard regions.

Criminal Referrals are referral episodes occurring during SFY 2006, as reported in the DJJ annual report.

The category of Criminal Unduplicated Juveniles means the number of unduplicated juveniles referred to DJJ during SFY 2006, and were indicated in the JJ annual data report.

The Supervision Caseload includes those unduplicated juveniles supervised at any time during SFY 2006. This total ties to Supervision Total as reported in the DJJ annual report. Custody is defined as those youth on a formal B1 (institutional) or B3 (supervision with custody) orders. Non-custody is defined as all others. The custody data has no relationship to the placement data.

The Out-of-Home Placement data counts the number of Placement Episodes during FY06. These placements do not count DJJ Detention episodes or non-secure shelters. Note that if these 994 placement episodes were converted to unduplicated juveniles, it would equate to approximately 650 juveniles.

Table 7.070: Number of Deaths, by Selected Causes, 1996-2005 (AHCDB Table 2.630)

Region/Census Area	Overall Deaths	Suicide Deaths	Suicide	Homicide Deaths	Homicide
			Deaths % of total		Deaths % of total
Statewide Total	28,704	1,256	4%	436	2%
Northern	1,384	148	11%	24	2%
Nome	644	65	10%	12	2%
North Slope	346	33	10%	7	2%
Northwest Arctic	394	50	13%	5	1%

Source: Walden, Stephanie. (2007). Personal communication, re: Public Health Indicators, and death rates 1996-2005 (as of 1/4/07). Bureau of Vital Statistics, Division of Public Health, Alaska DHSS.

* Rates based on fewer than 20 events are statistically unreliable and should be used with caution.

** Rates based on fewer than 10 events are not reported.

Note: Rates are per 100,000 population.

For further information: <http://www.hss.state.ak.us/dph/bvs/data/default.htm>

Table 7.080: Witnessed Domestic Violence as a child BRFSS Combined data 2001, 2004, 2006

	Sample size	As a child, witnessed physical abuse of a guardian	% witnessed physical abuse *	Confidence Interval 95%	Male		Female	
					Sample Size	% witnessed physical abuse *	Sample Size	% witnessed physical abuse *
Statewide Total	7129	1419	19.1%	17.8-20.5%	3280	17.4%	3849	21.0%
Northern	457	114	25.0%	20.0% - 30.7%	234	24.8%	223	25.3%
Nome	201	45	19.8%	14.0% - 27.1%	105	15.3%	96	25.8%
North Slope	126	38	37.3%	25.9% - 50.2%	65	DSU	61	DSU
Northwest Arctic	130	31	21.0%	13.8% - 30.5%	64	DSU	66	16.0%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2001, 2004, 2006. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

DSU = Data Statistically Unreliable due to small sample size or confidence interval.

Table 7.090: Ever been made to take part in any sexual activity when you really did not want to, Combined BRFSS data 2001, 2004, 2006

	Sample size	Been made to take part in unwanted sexual activity	% take part in unwanted sexual activity *	Confidence Interval 95%	Male		Female	
					Sample Size	% take part in unwanted sexual activity *	Sample Size	% take part in unwanted sexual activity *
Statewide Total	7127	1092	14.0%	12.9-15.1%	3297	4.2%	3830	24.4%
Northern	462	57	9.6%	7.0% -13.0%	235	5.8%	227	14.5%
Nome	202	27	10.6%	6.8% -16.2%	107	4.1%	95	19.9%
North Slope	130	13	8.6%	4.4% -16.2%	65	6.1%	65	12.2%
Northwest Arctic	130	17	9.2%	5.1% -15.9%	63	8.0%	67	10.5%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2001, 2004, 2006. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 7.100: Lifetime incidence of being victim in intimate partner violence, Combined BRFSS data 2001, 2004, 2006

	Sample size	Have been hit, hurt, threatened by Intimate Partner	% victim of intimate partner violence *	Confidence Interval 95%	Male		Female	
					Sample Size	% victim of intimate partner violence *	Sample Size	% victim of intimate partner violence *
Statewide Total	7141	1843	23.9%	22.5-25.4%	3293	17.2%	3848	31.0%
Northern	465	120	22.9%	18.3% - 28.3%	239	16.9%	226	30.8%
Nome	203	55	23.6%	17.7% - 30.7%	108	15.3%	95	35.2%
North Slope	131	38	26.9%**	16.8% - 40.1%	66	DSU	65	DSU
Northwest Arctic	131	27	18.5%	11.8% - 27.7%	65	13.4%	66	DSU

Source: Alaska Behavioral Risk Factor Surveillance System data, 2001, 2004, 2006. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

**DSU = Data Statistically Unreliable due to sample size or confidence interval.

Category 8: Maternal & Child Health

Definition of Category: One of the most significant areas for monitoring and comparison relates to the health of a vulnerable population: infants and children. This category focuses on birth data and outcomes as well as mortality data for infants and children. Because maternal care is correlated with birth outcomes, measures of maternal access to, and/or utilization of, care is included. Births to teen mothers is a critical indicator of increased risk for both mother and child.

Table 8.010: Neonatal and Post-neonatal Mortality by Region, 1996-2000 and 2001-2005 (AHCDB Table 2.690)

Residence Census	Rate Type	1996-2000			2001-2005		
		Births	Deaths	Mortality Rate***	Births	Deaths	Mortality Rate***
Statewide	Total	49,878	331	6.6	50,825	338	6.7
	Neonatal		161	3.2		157	3.1
	Postneonatal		170	3.4		181	3.6
Northern	Total	2,649	26	9.8	2,805	35	12.5
	Neonatal		9	**		11	3.9*
	Postneonatal		17	6.4*		24	8.6
Nome	Total	1,046	13	12.4*	1,119	16	14.3*
	Neonatal		3	**		4	**
	Postneonatal		10	9.6*		12	10.7*
North Slope	Total	740	3	**	834	9	**
	Neonatal		1	**		6	**
	Postneonatal		2	**		3	**
Northwest Arctic	Total	863	10	11.6*	852	10	11.7*
	Neonatal		5	**		1	**
	Postneonatal		5	**		9	**

Source: Walden, Stephanie. (2007). Personal communication, re: Public Health Indicators, and death rates 1996-2005 (4/16/07). Bureau of Vital Statistics, Division of Public Health, Alaska DHSS.

*Rate: Deaths per 1,000 live births.

* Rates based on fewer than 20 events are statistically unreliable and should be used with caution.

** Rates based on fewer than 10 events are not calculated.

For further information: <http://www.hss.state.ak.us/dph/bvs/data/default.htm>

Table 8.020: Maternal Risk Factors by Mother's Residence, All Ages, 2001-2005 (AHCDB Table 2.030)

Region/Census Area	Low Birth Weight Births		Adequate Prenatal Care*		Reported Smoking**		Reported Alcohol Use**	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Statewide Total	2,981	5.9%	29,733	64.8%	8,499	16.9%	1,133	2.3%
Northern	174	6.2%	1,219	43.5%	1,344	47.9%	176	6.3%
Nome	72	6.5%	581	53.2%	579	52.3%	91	8.9%
North Slope	48	5.8%	285	35.7%	370	44.7%	40	4.9%
Northwest Arctic	54	6.4%	353	42.6%	395	46.7%	45	5.4%

Source: Walden, Stephanie. (2007). Personal communication re: maternal risk factors (3/07) & file: sr07039. Alaska Bureau of Vital Statistics, Division of Public Health, DHSS.

Note: Unknown responses are excluded from the denominator when calculating percents.

* Adequate or better prenatal care as defined by APNCU Index

** Self reported data

For further information: <http://www.hss.state.ak.us/dph/bvs/data/default.htm>

Table 8.030: Alaska Population by Age Group by Region, 2006 (AHCDB Table 1.040)

Region/Census Area	Total Population	0-17	18-64	65 and Over	Dependency Ratio
Statewide Total	670,053	171,916	452,725	45,412	0.48
Northern	23,676	8,157	14,108	1,411	0.68
Nome	9,535	3,287	5,639	609	0.69
North Slope	6,807	2,233	4,212	362	0.62
Northwest Arctic	7,334	2,637	4,257	440	0.72

Source: Alaska Dept of Labor and Workforce Development, Research and Analysis (2006).
For further information: <http://almis.labor.state.ak.us/?PAGEID=67&SUBID=115>

Table 8.040: All Births, & Teen Births – Counts and Birth Rates*, by Census Area 2001-2005 (AHCDB Table 2.020)

Region/Census Areas	Live births	Fertility Rate***	Teen Births (15-19)	Teen Birth Rate (15-19)**	Teen Birth % (15-19)**
Statewide	50,825	72.4	5,286	41.0	10.4%
Northern					
Nome	1,119	119.8	195	88.8	17.4%
North Slope	834	110.5	168	94.1	20.1%
Northwest Arctic	852	113.6	168	86.6	19.7%

Source: Walden, Stephanie. (2007). Personal communication re: Birth & Public Health Indicators data. Alaska Bureau of Vital Statistics, Division of Public Health, DHSS.

* Rates based on fewer than 20 events are statistically unreliable and should be used with caution. Rates based on fewer than 10 events are not reported. **Note: there were five mothers' ages unknown and unreported. ***Fertility rates are births per 1,000 women age 15-44. Teen birth rates are per 1,000 female population age 15-19. Teen birth % is the percent of all births, born to mothers age 15-19.
For further information: <http://www.hss.state.ak.us/dph/bvs/data/default.htm>

Table 8.050: Birth-Related Discharges—Count, Annual Rate, and Average Length of Stay, 2001-2005 (AHCDB Table 2.085)

Area	Count		Rate		Average Length of Stay	
	Complications of Pregnancies, Childbirth, and Puerperium	Births Congenital Anomalies and Conditions with Origin in Perinatal Period	Complications of Pregnancies, Childbirth, and Puerperium	Births Congenital Anomalies and Conditions with Origin in Perinatal Period	Complications of Pregnancies, Childbirth, and Puerperium	Births Congenital Anomalies and Conditions with Origin in Perinatal Period
National (2000) ***	-	-	18.1	166.8	2.5	3.9
Statewide (2001-2005)	44,876	42,098	138.3	129.8	2.6	3.3
Northern	1,719	1,579	143.8	132.1	-	-
Nome *	605	573	129.1	122.3	2.9	4.7
North Slope *	600	523	165.9	144.6	2.6	3.8
Northwest Arctic *	514	483	140.8	132.3	2.6	4.2

Source: Rarig, Alice (2007). Personal communication re: 2001-2005 AK hospital discharge data (3/18/07) Alaska Hospital Discharge Data System, Health Planning and Systems Development, Alaska DHSS.

Total discharges for 2001-2005 equaled 259,373

(*) Area is served by a Tribally Managed Hospital not yet reporting to the Alaska Hospital Discharge Project (AHDS).

(**) Area is served by a military hospital not yet reporting to the AHDS.

(***) Average length of stay for charges from short-stay hospitals, based by age, and first-listed diagnosis (US 2000 DHHS Centers United States, 2000 US DHHS Centers for Disease Control and Prevention, National Center for Health Statistics, Vital and Health Statistics Series 13, Number 153, National Hospital Discharge Survey: 2000, Annual Summary with Detailed Diagnosis and Procedure Data, November 2002

Notes:

Not all hospitals in Alaska participated in the discharge report program during this reporting period.

The rates are expressed as population-based, that being “per 10,000 population”.

COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM (630-677) includes normal childbirth and “complications occurring mainly in the course of labor and delivery (660-669)”. This category has to do with the mothers.

BIRTHS, CONGENITAL ANOMALIES, & CONDITIONS WHICH ORIGINATE IN THE PERINATAL PERIOD - This category has to do with the babies. In addition, there are some later discharges (older people) with problems associated with congenital anomalies and chromosomal abnormalities. As calculated, this category has to do with newborns, and then infants, and then even older people with congenital anomalies (740-759) and “conditions which have their origin in the perinatal period, even though death or morbidity occurs later (760-779).”

Table 8.060: Birth-Related Hospitalization—ATHS Newborn Inpatient Activity, FFY 2005 and FFY 2006 (AHCDB Table 2.087)

Facility	Location	Admissions			Inpatient Days		
		FY2005	FY2006	% Change	FY2005	FY2006	% Change
Norton Sound Regional Hospital	Nome (Nome)	110	85	-22.7%	178	138	-22.5%
Samuel Simmonds Memorial Hosp	North Slop (Barrow)	59	60	1.7%	85	94	10.6%
Maniilaq Medical Center	Northwest Arctic (Kotzebue)	61	76	24.6%	82	120	46.3%
Area Total		2,087	2,193	5.1%	4,039	4,269	5.7%

Facility	Location	Average Daily Patient Load			Average Length of Stay		
		FY2005	FY2006	% Change	FY2005	FY2006	% Change
Norton Sound Regional Hospital	Nome (Nome)	0.49	0.38	-22.5%	1.62	1.25	-22.5%
Samuel Simmonds Memorial Hosp	North Slop (Barrow)	0.23	0.26	10.6%	1.44	1.59	10.6%
Maniilaq Medical Center	Northwest Arctic (Kotzebue)	0.22	0.33	46.3%	1.34	1.97	46.3%
Area Total		11.07	11.70	5.7%	1.94	1.95	0.6%

Source: Hall, Richard and Leach, Diane. (2007). Personal communication (6/2007), re: ATHS Statistical Summary of Workload, FFY 2006. Alaska Native Tribal Health Consortium, Division of Information Technology. Data from HSA-202 Monthly Report.

Table 8.070: Leading Causes of Death, Top Five, by Age Group, 2002-2004 (AHCDB Table 2.670)

Age Group	Cause of Death (ICD-10 Codes)	Rank	Deaths	Age-Specific Rate
00-04	Conditions Originating in the Perinatal Period (P00-P96)	1	52	33.6
	Congenital Malformations (Q00-Q99)	2	45	29.1
	Unintentional Injuries (V01-X59, Y85-Y86)	3	41	26.5
	SIDS (R95)	4	34	22
	Assault (Homicide) (X85-Y09, Y87.1)	5	8	5.2
	Influenza and Pneumonia (J10-J18)	5	8	5.2
	Total Deaths*		247	159.7
05-14	Unintentional Injuries (V01-X59, Y85-Y86)	1	44	13.5
	Assault (Homicide) (X85-Y09, Y87.1)	2	11	3.4
	Intentional Self-Harm (Suicide) (X60-X84, Y87.0)	3	10	3.1
	Malignant Neoplasms (C00-C97)	4	6	1.8
	Congenital Malformations (Q00-Q99)	5	5	1.5
	Total Deaths*		98	30.2
15-24	Unintentional Injuries (V01-X59, Y85-Y86)	1	148	52
	Intentional Self-Harm (Suicide) (X60-X84, Y87.0)	2	107	37.6
	Assault (Homicide) (X85-Y09, Y87.1)	3	37	13
	Diseases of the Heart (I00-I09,I11,I13,I20-I51)	4	8	2.8
	Malignant Neoplasms (C00-C97)	4	8	2.8
	Total Deaths*		372	130.7

Source: Bureau of Vital Statistics, Div Public Health, Alaska DHSS. (2007). Leading causes of death, 2002-2004 (last updated 6/7/06).

*Total deaths and age-specific rate row include deaths not in the top five causes of death. Rate per 100,000

Note: ICD-9 and ICD-10 codes are listed below.

For further information: <http://www.hss.state.ak.us/dph/bvs/data/default.htm>

Category 9: Death, Illness & Injury

Definition of Category: Health status in a community is measured in terms of mortality (rates of death within a population) and morbidity (rates of the incidence and prevalence of disease). Mortality may be represented by crude rates or age-adjusted rates (AAM); by degree of premature death (Years of Productive Life Lost or YPLL); and by cause (disease - cancer and non-cancer or injury - intentional, unintentional). Morbidity may be represented by age-adjusted (AA) incidence of cancer and chronic disease.

Table 9.010: Days of Physical Health Not Good in past 30 days: Combined 2005-2007 BRFSS Data

	Sample size	Physical Health Not Good 14+ Days *	% Physical Health Not Good 14+ Days *	Confidence Interval 95%	Male		Female	
					Sample Size	%Physical health not good 14+ Days *	Sample Size	%Physical health not good 14+ Days *
Statewide Total	14767	1700	10.9%	10.1-11.6%	6776	9.8%	7991	12.0%
Northern	861	90	11.5%	9.2% -14.3%	418	10.9%	443	12.2%
Nome	391	43	13.0%	9.4% -17.7%	203	13.8%	188	11.9%
North Slope	220	23	10.2%	6.5% -15.6%	103	6.8%	117	14.4%
Northwest Arctic	250	24	10.6%	6.7% -16.4%	112	10.4%	138	10.9%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 9.020: Number of Deaths, by Selected Causes, 1996-2005 (AHCDB Table 2.630)

Region/Census Area	Overall Deaths	Cancer Deaths	Cancer Deaths % of total	Heart Disease Deaths	Heart Disease Deaths % of total	Unintentional Injury Deaths	Unintentional Injury Deaths % of total
Statewide Total	28,704	5,943	21%	5,893	21%	3,090	11%
Northern	1,384	234	17%	192	14%	227	16%
Nome	644	105	16%	86	13%	106	16%
North Slope	346	63	18%	51	15%	58	17%
Northwest Arctic	394	66	17%	55	14%	63	16%

Source: Walden, Stephanie. (2007). Personal communication, re: Public Health Indicators, and death rates 1996-2005 (as of 1/4/07). Bureau of Vital Statistics, Division of Public Health, Alaska DHSS.

* Rates based on fewer than 20 events are statistically unreliable and should be used with caution.

** Rates based on fewer than 10 events are not reported.

Note: Rates are per 100,000 population.

For further information: <http://www.hss.state.ak.us/dph/bvs/data/default.htm>

Table 9.030: Age-Adjusted Death Rates, 1996-2005* (AHCDB Table 2.640)**

Region/Census Area	Overall Mortality Rate	Suicide Death Rate	Unintentional Injury Death Rate	Homicide Death Rate	Heart Disease Death Rate	Cancer Death Rate
Statewide Total	828.3	20.5	56.0	6.7	193.6	168.6
Northern						
Nome	1,101.7	71.7	134.6	13.3*	174.3	197.2
North Slope	960.6	44.8	100.2	**	175.2	187.9
Northwest Arctic	1,062.9	71.5	108.1	**	212.7	177.7

Source: Walden, Stephanie. (2007). Personal communication, re: Public Health Indicators, and death rates 1996-2005 (as of 1/4/07). Bureau of Vital Statistics, Division of Public Health, Alaska DHSS.

* Rates based on fewer than 20 events are statistically unreliable and should be used with caution.

** Rates based on fewer than 10 events are not reported.

*** Death data is incomplete for 2005 and includes data available as of 04 January 2007

Note: Rates are per 100,000 population.

For further information: <http://www.hss.state.ak.us/dph/bvs/data/default.htm>

Information regarding malignant cancer rates can be found at the following link:
<http://www.hss.state.ak.us/dph/chronic/cancer/data/incidence/RatesbyYearBoroughSex.pdf>

Table 9.040: Total Hospital Discharges by Place of Residence: Count, Annual Rate, and Average Length of Stay, 2001-2005 (AHCDB Table 2.210)

Area	Population	Total Discharge Count	Annual Discharge Rate	Average Length of Stay
National (2000) ***	-	-	1,140.1	4.9
Statewide (2001-2005)	648,818	259,373	799.5	4.4
Northern	23,905	7,844	656.3	-
Nome *	9,370	2,788	595.1	5.7
North Slope *	7,234	2,716	750.9	5.0
Northwest Arctic *	7,301	2,340	641.0	5.3

Source: Rarig, Alice. (2007). Personal communication, re Alaska hospital discharge data (3/19/07). From: Alaska Hospital Discharge Data System (HPSI), Health Planning and Systems Development, Alaska DHSS.

* Area is served by a Tribally Managed Hospital not yet reporting to the Alaska Hospital Discharge Data System.

** Area is served by a military hospital not yet reporting to the Alaska Hospital Discharge Data System.

*** Average length of stay for discharges from short-stay hospitals, by age and first-listed diagnosis: United States, 2000 US DHHS Centers for Disease Control and Prevention, National Center for Health Statistics, Vital and Health Statistics Series 13, Number 153, National Hospital Discharge Survey: 2000, Annual Summary with Detailed Diagnosis and Procedure Data, November 2002.

Note:

Not all hospitals in Alaska participated in the discharge report program during this reporting period.

Rates are population based, per 10,000 population.

Table 9.050: Hospital Discharge by Place of Residence: Leading Diagnostic Groups—Count, 2001-2005

Region/Census Area	Circulatory System	Injury or Poisoning	Digestive System	Respiratory System	Musculo-skeletal System	Neoplasm	Symptoms/ Signs	Genito-Urinary
Statewide Total	27,607	23,133	22,910	18,656	13,486	11,724	11,701	11,663
Northern	512	1,000	684	391	382	354	240	281
Nome *	206	366	223	116	167	124	79	93
North Slope *	158	297	266	185	111	124	110	91
Northwest Arctic *	148	337	195	90	104	106	51	97

Source: Rarig, Alice. (2007). Personal communication, re Alaska hospital discharge data (3/19/07). From: Alaska Hospital Discharge Data System, Health Planning and Systems Development, Alaska DHSS.

* Area is served by a Tribally Managed Hospital not yet reporting to the Alaska Hospital Discharge Data System.

Table 9.060: Hospital Discharge by Place of Residence: Leading Diagnostic Groups—Annual Rate, 2001-2005 (AHCDB Table 2.230)

Area	Circulatory System	Injury or Poisoning	Digestive System	Respiratory System	Musculo-skeletal System	Neoplasm	Symptoms/ Signs	Genito-Urinary
National (2000)	226.3	88.7	113.0	123.8	55	57.1	9.6	62.7
Statewide (2001-2005)	85.1	71.3	70.6	57.5	41.6	36.1	36.1	36.0
Northern	42.8	83.7	57.2	32.7	32.0	29.6	20.1	23.5
Nome *	44.0	78.1	47.6	24.8	35.6	26.5	16.9	19.9
North Slope *	43.7	82.1	73.5	51.1	30.7	34.3	30.4	25.2
Northwest Arctic *	40.5	92.3	53.4	24.7	28.5	29.0	14.0	26.6

Source: Rarig, Alice. (2007). Personal communication, re Alaska hospital discharge data (3/19/07). From: Alaska Hospital Discharge Data System, Health Planning and Systems Development, Alaska DHSS.

* Area is served by a Tribally Managed Hospital not yet reporting to the Alaska Hospital Discharge Data System

Table 9.070: Hospital Discharge by Place of Residence: Leading Diagnostic Groups—Average Length of Stay, 2001-2005 (AHCDB Table 2.240)

Area	Circulatory System	Injury or Poisoning	Digestive System	Respiratory System	Musculo-skeletal System	Neoplasm	Symptoms/ Signs	Genito-Urinary
National (2000) ***	4.8	5.4	4.7	5.4	4.1	5.8	2.4	3.8
Statewide (2001-2005)	4.9	5.4	5.0	5.7	4.3	5.8	2.8	3.4
Northern								
Nome *	5.8	5.7	6.7	9.5	5.7	7.9	4.7	4.4
North Slope *	5.6	5.2	6.6	9.4	4.9	5.4	3.3	3.5
Northwest Arctic *	7.7	6.3	5.9	8.8	5.9	8.0	3.6	3.8

Source: Rarig, Alice. (2007). Personal communication, re Alaska hospital discharge data (3/19/07). From: Alaska Hospital Discharge Data System, Health Planning and Systems Development, Alaska DHSS.

Note: Not all hospitals in Alaska participated in the discharge report program during this reporting period.

Length of stay is measured in days

* Area is served by a Tribally Managed Hospital not yet reporting to the Alaska Hospital Discharge Data System *** Average length of stay for discharges from short-stay hospitals, by age and first-listed diagnosis: United States, 2000 US DHHS Centers for Disease Control and Prevention, National Center for Health Statistics, Vital and Health Statistics Series 13, Number 153, National Hospital Discharge Survey: 2000, Annual Summary with Detailed Diagnosis and Procedure Data, November 2002

Table 9.080: Dental Health—Selected Outcomes for Third Graders by Region, 2004 (AHCDB Table 2.140)

Region	Caries Experience %	Untreated Caries %	Sealant Utilization %
Statewide	65%	28%	52%
Rural	87%	43%	73%
Native (any mention)	92%	49%	76%
White	60%	5%	65%
All Others	71%	33%	63%

Source: Whistler, Brad. (2007). Personal communication, re: 2004 Visual Dental Inspection Survey of 3rd-graders (3/13/07). Oral Health Program, Division of Public Health, Alaska DHSS.

For further information: <http://www.hss.state.ak.us/dph/wcfh/Oralhealth/report.htm>

Table 9.090: Adult Dental Health—Last Dental Visit, by Region, Combined BRFSS data 2002, 2004, 2006

	Sample Size	< 1 Year		1 to < 2 Years		2 to < 5 Years		5 or More Years	
		% *	Confidence Interval 95%	% *	Confidence Interval 95%	% *	Confidence Interval 95%	% *	Confidence Interval 95%
Statewide Total	7404	66.6%	65.0-68.2%	12.9%	11.8-14.1%	10.4%	9.4-11.4%	9.8%	8.9-10.8%
Northern	491	64.8%	62.1%-67.4%	13.8%	11.9%- 16.0%	11.8%	10.1%- 13.7%	9.3%	7.9%- 11.0%
Nome *	133	62.9%	54.6%- 70.5%	19.6%	13.7%-27.3%	8.3%	4.8%-14.0%	8.6%	5.2%-13.8%
North Slope *	154	59.8%	46.9%-71.5%	12.8%	6.9%-22.6%	16.1%	8.5%-28.3%	10.9%	5.3%-20.9%
Northwest Arctic *	89	52.9%	42.7%-62.8%	17.5%	11.1%-26.5%	6.5%	3.6%-11.5%	21.8%	13.6%-33.1%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2002, 2004, 2006. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 9.100: Adult Dental Health—Last Preventive Visit/Teeth Cleaning by Region, Combined BRFSS data 2002, 2004, 2006

	Sample Size	< 1 Year		1 to < 2 Years		2 to < 5 Years		5 or More Years	
		% *	Confidence Interval 95%	% *	Confidence Interval 95%	% *	Confidence Interval 95%	% *	Confidence Interval 95%
Statewide Total	6894	63.1%	61.5-64.8%	14.1%	12.9-15.4%	10.6%	9.6-11.7%	11.1%	10.1-12.2%
Northern	439	53.2%	46.8%-59.5%	17.5%	13.6%-22.2%	12.5%	8.5%-18.1%	14.3%	10.3%-19.5%
Nome *	185	57.0%	48.1%-65.4%	17.1%	11.5%-24.7%	11.1%	6.7%-18.0%	11.2%	6.7%-17.9%
North Slope *	121	60.8%	46.9%-73.2%	16.4%	9.4%-27.0%	12.1%	4.9%-27.0%	8.7%	3.6%-19.7%
Northwest Arctic *	133	41.6%	31.5%-52.5%	19.0%	12.7%-27.6%	14.6%	7.7%-26.0%	23.2%	14.6%-34.7%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2002, 2004, 2006. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Table 9.110: Adult Dental Health—Permanent Tooth Loss/Caries (Periodontal Disease) by Region, Combined BRFSS data 2002, 2004, 2006

	No Teeth Lost			1 to 5 Teeth Lost		6 or More Teeth Lost		All Teeth Lost	
	Sample Size	% *	Confidence Interval 95%	% *	Confidence Interval 95%	% *	Confidence Interval 95%	% *	Confidence Interval 95%
Statewide Total	7318	58.2%	56.5-59.8%	27.0%	25.5-28.5%	10.7%	9.7-11.7%	4.1%	3.6-4.7%
Northern	479	35.1%	29.5%-41.0%	38.0%	32.0%-44.3	18.1%	14.5- 22.5%	8.8%	6.0%-12.8%
Nome *	202	42.8%	34.6%-51.4%**	27.1%	20.2%-35.2%	24.3%	18.2%-31.7%	5.8%	3.4%-9.9%
North Slope *	128	40.1%	28.2-53.3%**	37.4%	25.2%-51.5%**	15.2%	9.1%-24.1%	7.3%	3.3%-15.6%
Northwest Arctic *	149	21.9%	15.0-31.0%	50.7%	40.3%-61.0%**	13.8%	8.3%-22.1%	13.6%	7.6%-23.1%

Source: Alaska Behavioral Risk Factor Surveillance System data, 2002, 2004, 2006. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

Category 10: Communicable Disease

Definition of Category: Measures within this category include diseases which are usually transmitted through person-to-person contact or shared use of contaminated instruments / materials. Many of these diseases can be prevented through a high level of vaccine coverage of vulnerable populations, or through the use of protective measures, such as condoms for the prevention of sexually-transmitted diseases.

Table 10.010: Health Prevention and Promotion—Immunizations Given, by Fiscal Year, SFY 2001-2006 (AHCDB Table 2.535)

	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
Immunizations Given (number of immunization given by public health nursing) *	111,475	111,943	85,888	99,673	81,187	90,197

Source: (1) Alaska Div Environmental Health, DEC. (2006). Performance Measures (as of 10/10/2006). (2) Alaska DHSS, Missions & Measures (as of 6/12/07) (4,5) State of Alaska, DHSS, FY 2008 DHSS Budget Overview, pg 227, 253

*In 2005, the CDC increased its recommendation to a new, six-dose series of vaccinations. As a result, the national rate of fully immunized two-year olds dropped considerably, as did Alaska's rate.

Table 10.020: Health Prevention and Promotion—Selected Measure, by Calendar Year, 2001-2006 (AHCDB Table 2.536)

	2001	2002	2003	2004	2005	2006
Child Immunization (% of all two-year olds, 19-35 months, fully immunized)	71.2%	75.3%	79.7%	75.3%	68.1% *	67.3%

*pg 253 http://hss.state.ak.us/das/budget/pdfs/DHSS_FY08_OVERVIEW_FINAL_01-25-07.pdf

Table 10.030: Immunization of Elders (65+) for Pneumonia in their lifetime, BRFSS Data 2005-2007

	Sample size	Have received pneumonia vaccine *	% pneumonia vaccinated *	Confidence Interval 95%
Statewide Total	867	551	62.4%	57.7-66.9%
Northern	31	18	DSU	DSU
Nome *	18	10	DSU	DSU
North Slope *	7	3	DSU	DSU
Northwest Arctic *	6	5	DSU	DSU

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

DSU = Data Statistically Unreliable due to low sample size or confidence interval

Table 10.040: Immunization of Elders (65+) for Influenza in the Past 12 Months, BRFSS Data 2005-2007

	Sample size	Have received influenza vaccine in past 12 months *	% influenza vaccine in past 12 months *	Confidence Interval 95%
Statewide Total	938	580	62.7%	58.3-67.0%
Northern	39	24	DSU	DSU
Nome *	23	15	DSU	DSU
North Slope *	10	5	DSU	DSU
Northwest Arctic *	6	4	DSU	DSU

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section

*Percentages are weighted based on actual total population statistics.

For further information: <http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm>

DSU = Data Statistically Unreliable due to low sample size or confidence interval

Table: 10.050: Alaska Infectious Diseases Reported, by Region 2006-2007 Data

	<i>Chlamydia trachomatis</i> infection	Gonorrhea	Hepatitis C	HIV infection
Total AK 2006	4528	630	1174	88
Northern 2006	400	54	22	5
Total AK 2007	4911	581	1141	61
Northern 2007	495	74	14	0

Source: Sue Anne Jenkerson, State of Alaska Epidemiology Bulletin, Vol. 12 (1). July 25, 2008. Alaska Department of Health and Social Services. http://www.epi.hss.state.ak.us/bulletins/docs/rr2008_01.pdf

