
Community Health Status Assessment Report Interior 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
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Community Health Status Assessment Report

Interior Region

Denali

Fairbanks North Star

Southeast Fairbanks

Yukon-Koyukuk

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Alaska Health Care Data Book: Selected Measures 2007
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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%
Interior	92,111	97,417	99,657	101,942	102,276	334	0.3%
Denali	1,764	1,893	1,849	1,821	1,795	-26	-1.4%
Fairbanks North Star	77,720	82,840	85,398	87,608	87,849	241	0.3%
Southeast Fairbanks	5,913	6,174	6,139	6,464	6,772	308	4.8%
Yukon/Koyukuk	6,714	6,510	6,271	6,049	5,860	-189	-3.1%

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
Interior	102,276	26,726	69,427	6,123	0.47
Denali	1,795	365	1,323	107	0.36
Fairbanks North Star	87,849	23,076	59,891	4,882	0.47
Southeast Fairbanks	6,772	1,867	4,322	583	0.57
Yukon/Koyukuk	5,860	1,418	3,891	551	0.51

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 1.040)

Census Area / Borough	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
Interior	102,005	79,061	14,123	5,783	3,038	3,857
Denali	1,823	1,567	167	39	50	45
Fairbanks North Star	87,650	70,369	8,933	5,535	2,813	3,570
Southeast Fairbanks	6,471	5,295	961	124	91	156
Yukon-Koyukuk	6,061	1,830	4,062	85	84	86

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
Interior	190,830	97,458	0.5	41,784	0.2	2.69
Denali	12,750	1,893	0.1	1,351	0.1	2.28
Fairbanks North Star	7,366	82,840	11.2	33,291	4.5	2.68
Southeast Fairbanks	24,815	6,174	0.2	3,225	0.1	2.80
Yukon/Koyukuk	145,900	6,551	<0.1	3,917	<0.1	2.81

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%
Interior	4,756	2,308	2,448	6,123	3,100	3,023	1,367	29%
Denali	58	39	19	107	69	38	49	84%
Fairbanks North Star	3,845	1,829	2,016	4,882	2,401	2,481	1,037	27%
Southeast Fairbanks	375	191	184	583	317	266	208	55%
Yukon/Koyukuk	478	249	229	551	313	238	73	15%

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 2.060: 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%
Interior					
Denali	98	52.9	7	**	7.1%
Fairbanks North Star	7,718	79.8	658	40.7	8.5%
Southeast Fairbanks	455	81.8	44	33.9	9.7%
Yukon-Koyukuk	410	67.8	74	47.7	18.0%

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%
Interior	34,936	2,327	5,968	8,295	24%	6,127	7,289	10,842	2,383	7%
Denali	788	53	109	162	21%	127	140	315	44	6%
Fairbanks North Star	29,772	1,661	4,738	6,399	21%	5,232	6,388	9,549	2,204	7%
Southeast Fairbanks	2,071	230	476	706	34%	353	366	565	81	4%
Yukon-Koyukuk	2,305	383	645	1,028	45%	415	395	413	54	2%

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%
Interior					
Denali	26,251	37,129	39,062	40,843	5%
Fairbanks North Star	21,553	27,842	30,687	31,618	3%
Southeast Fairbanks	16,679	22,756	27,972	28,540	2%
Yukon-Koyukuk	13,720	19,363	24,402	24,763	1%

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%
Interior	29,661	63,031	4,766	.55	\$20,809	13.67%
Denali	455	1,379	59	.37	\$26,251	11.53%
Fairbanks North Star	24,882	54,095	3,863	.53	\$21,553	11.45%
Southeast Fairbanks	2,025	3,774	375	.64	\$16,679	26.04%
Yukon/Koyukuk	2,299	3,783	469	.73	\$13,720	29.92%

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%
Interior	94,106	12,865	25,692	14%	27%
Denali	1,787	206	339	12%	19%
Fairbanks North Star	79,754	9,134	19,384	11%	24%
Southeast Fairbanks	6,045	1,574	2,564	26%	42%
Yukon/Koyukuk	6,520	1,951	3,405	30%	52%

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%
Interior	29,125	1,733	3,140	4,873	17%
Denali	453	19	43	62	14%
Fairbanks North Star	24,455	1,290	2,076	3,366	14%
Southeast Fairbanks	1,949	200	448	648	33%
Yukon/Koyukuk	2,268	224	573	797	35%

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						Number	%
		2000	2001	2002	2003	2004	Change 2003-2004	Change
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%
Interior	Local	35,663	36,472	37,565	39,116	41,074	1,958	5.0%
	Other Alaska Resident	4,919	5,106	5,026	5,647	5,374	-273	-4.8%
	Non-Resident	6,300	7,416	8,380	8,917	9,531	614	6.9%
Denali	Local	600	573	569	541	615	74	13.7%
	Other Alaska Resident	709	724	777	1,080	857	-223	-20.6%
	Non-Resident	591	965	1,318	1,467	1,379	-88	-6.0%
Fairbanks North Star	Local	31,071	31,917	32,799	34,117	35,840	1,723	5.1%
	Other Alaska Resident	3,215	3,319	3,121	3,192	3,059	-133	-4.2%
	Non-Resident	5,025	5,782	6,198	6,424	7,107	683	10.6%
Southeast Fairbanks	Local	1,511	1,480	1,711	1,905	2,100	195	10.2%
	Other Alaska Resident	260	231	305	595	779	184	30.9%
	Non-Resident	242	204	380	630	609	-21	-3.3%
Yukon/Koyukuk	Local	2,481	2,502	2,486	2,553	2,519	-34	-1.3%
	Other Alaska Resident	735	832	823	780	679	-101	-12.9%
	Non-Resident	442	465	484	396	436	40	10.1%

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
Interior						
Denali	21.8	23.4	19.2	2.9	2.5	2.1
Fairbanks North Star	8.1	8	7.1	6.4	5.7	5.1
Southeast Fairbanks	18.4	16.3	14.6	10.1	9.4	7.9
Yukon-Koyukuk	16.5	14.7	14.2	11.8	10.4	10.4

Source: Alaska Dept of Labor and Workforce Development, Research and Analysis.
For further information: <http://almis.labor.state.ak.us/cqi/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
Interior												
Denali	19.2	19.1	15.6	11.1	4.2	2.5	2.1	2.1	3.2	6.8	13.2	13.4
Fairbanks North Star	7.1	7.4	6.6	6.2	5.4	5.9	5.1	4.8	5.1	5.0	5.6	5.8
Southeast Fairbanks	14.6	14.9	14.3	11.8	9.5	8.9	7.9	7.4	7.6	8.3	10.0	10.4
Yukon-Koyukuk	14.2	14.9	13.1	12.3	11.2	11.4	10.4	9.6	9.8	10.3	11.9	12.3

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	% English	Other Language	% Other Language
Statewide Total	579,740	496,982	86%	82,758	14%
Interior	89,808	81,804	91%	8,004	9%
Denali	1,795	1,656	92%	139	8%
Fairbanks North Star	76,200	70,244	92%	5,956	8%
Southeast Fairbanks	5,739	4,800	84%	939	16%
Yukon/Koyukuk	6,074	5,104	84%	970	16%

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

For further information: http://factfinder.Census.gov/servlet/DTGeoSearchByListServlet?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
Interior	2,185	394	2,081	3,344	8,004
Denali	48	7	19	65	139
Fairbanks North Star	1,951	377	915	2,713	5,956
Southeast Fairbanks	141	6	279	513	939
Yukon/Koyukuk	45	4	868	53	970

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

For further information:

http://factfinder.Census.gov/servlet/DTGeoSearchByListServlet?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%
Interior	1664	379	20.7%	18.7%-23.0	776	19.7%	888	21.9%
Denali – Southeast FB	170	43	24.7%	18.1- 32.6	84	20.8%	86	28.9%
Fairbanks North Star	1342	298	20.1%	17.8%- 22.6%	616	19.6%	726	20.7%
Yukon-Koyukuk	152	38	24.0%	17.2%- 32.3%	76	19.6%	76	29.8%

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.

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					Male		Female	
	Sample size	Equipment Use	% Use *	Confidence Interval 95%	Sample	% Use *	Sample	% Use *
Statewide Total	7,427	495	6.2%	5.4-7.0%	3373	6.3%	4054	6.0
Interior	1681	110	5.3%	4.3%-6.5%	787	5.2%	894	5.4%
Denali – Southeast FB	170	19	11.2%	7.0%-17.4%	84	12.0%	86	10.2%
Fairbanks North Star	1358	80	4.6%	3.6%-5.8%	627	4.2%	731	5.0%
Yukon-Koyukuk	153	11	7.1%	3.6%-13.5%	76	8.8%	77	4.9%

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 2.140: Disabilities—Division of Senior and Disability Services Service 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
Interior	79	41	21	110	251
Denali	0	0	0	0	0
Fairbanks North Star	57	32	19	89	197
Southeast Fairbanks	20	9	2	19	50
Yukon-Koyukuk	2	0	0	2	4

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). DSDDS 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	DSDDS Senior Grants	Adult Physical Disability Waiver	Total
Statewide	1,342	11,199	952	13,493
Interior	88	748	32	868
Denali	0	0	0	0
Fairbanks North Star	82	450	28	560
Southeast Fairbanks	5	0	4	9
Yukon-Koyukuk	1	298	0	299

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. DSDDS 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	Associate Degree	Bachelor's Degree	Master's Degree	Professional 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%
Interior	29,504	2,913	10%	8,309	28%	8,758	2,248	4,260	1,791	534	691	32%
Denali	782	62	8%	259	33%	252	55	112	34	0	8	27%
Fairbanks North Star	24,848	2,049	8%	6,517	26%	7,746	1,985	3,757	1,624	504	666	34%
Southeast Fairbanks	1,878	257	14%	666	35%	463	151	230	80	20	11	26%
Yukon/Koyukuk	1,996	545	27%	867	43%	297	57	161	53	10	6	14%

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 Female Age ≥25	Less than High School	% less than High School	High School Graduate	%* High School Graduate	Some College	Associate Degree	Bachelor's Degree	Master's Degree	Prof School Degree	Doctorate Degree	%* 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%
Interior	27,186	2,553	9%	7,086	26%	8,537	1,818	4,675	1,882	348	287	33%
Denali	534	47	9%	141	26%	171	30	117	25	3	0	33%
Fairbanks North Star	23,126	1,869	8%	5,723	25%	7,507	1,610	4,102	1,720	320	275	35%
Southeast Fairbanks	1,815	230	13%	630	35%	497	126	247	65	13	7	25%
Yukon/Koyukuk	1,711	407	24%	592	35%	362	52	209	72	12	5	20%

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		1990		2000			
	High School Diploma or More	% of Populati on 25+	High School Diploma or More	% of Populati on 25+	% Change (1990-2000)	Bachelor's Degree or More	% of Population 25+	Bachelor's Degree or More	% of Population 25+	% Change (1990-2000)
Statewide	324,528	85.8	379,022	86.8	17%	76,778	20.3	96,080	22.0	25%
Interior	55,100	87.7	60,287	88.9	9%	12,655	20.1	14,945	22.0	18%
Fairbanks North Star	47,757	89.2	52,377	90.4	10%	11,322	21.2	13,402	23.1	18%
Southeast Fairbanks	3,275	86.3	3,519	84.8	7%	634	16.7	703	16.9	11%
Yukon-Koyukuk	4,068	73.7	4,391	77.2	8%	699	12.7	840	14.8	20%
Denali *	NA	NA	1,314	91.4	NA	NA	NA	308	21.4	NA

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%
Interior	3373	2865	84.5%	82.9%-85.9%	1547	84.0%	1826	85.0%
Denali-Southeast FB	332	269	81.6%	76.5%-85.9%	150	78.1%	182	85.0%
Fairbanks North Star	2739	2364	85.4%	83.6%-86.9%	1244	85.4%	1495	85.3%
Yukon-Koyukuk	302	232	75.8%	69.8- 80.9%	153	72.3%	149	80.1%

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%
Interior	11,370	10,951	10.7%
Denali Borough	113	109	6.1%
Fairbanks North Star Borough	8,158	7,706	8.8%
Southeast Fairbanks	1,436	1,416	20.9%
Yukon/Koyukuk	1,663	1,720	29.4%

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				
Interior	5,219	1,114	6,333	18%
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
Interior	163	15	52	230
Denali	0	1	1	2
Fairbanks North Star	159	13	43	215
Southeast Fairbanks	4	1	3	8
Yukon-Koyukuk	0	0	5	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: 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%	-	-
Interior				
Fairbanks	151	11%	51%	13%

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
Interior	34	52	86
Denali	0	1	1
Fairbanks North Star	31	43	74
Southeast Fairbanks	2	3	5
Yukon-Koyukuk	1	5	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: 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
Interior	34	669	140	365
Denali	0	9	3	2
Fairbanks North Star	31	646	130	356
Southeast Fairbanks	2	9	4	3
Yukon-Koyukuk	1	5	3	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).

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
Interior	1.5	24	3	0	3	31.5
Denali	0	0	0	0	0	0
Fairbanks North Star	1.5	21	3	0	3	28.5
Southeast Fairbanks	0	3	0	0	0	3
Yukon-Koyukuk	0	0	0	0	0	0

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
Interior	20,944	397	489	392	97	74	1,449
Denali	507	6	0	0	0	0	6
Fairbanks North Star	18,249	334	467	376	91	58	1,326
Southeast Fairbanks	1,030	29	17	13	4	2	65
Yukon-Koyukuk	1,158	28	5	3	2	14	52

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 Technologists 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
Interior	19,363	491	943	711	232	525	2,902
Denali	334	0	12	10	2	0	24
Fairbanks North Star	17,009	416	887	657	230	444	2,634
Southeast Fairbanks	902	9	19	19	0	21	68
Yukon-Koyukuk	1,118	66	25	25	0	60	176

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
Interior	3	16	0	1	21
Denali	0	0	0	0	0
Fairbanks North Star	3	16	0	1	21
Southeast Fairbanks	0	0	0	0	0
Yukon/Koyukuk	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).

*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
Interior	17	20	2	52	5	16	2
Denali	0	0	0	1	0	0	0
Fairbanks North Star	16	20	2	50	5	16	2
Southeast Fairbanks	1	0	0	0	0	0	0
Yukon-Koyukuk	0	0	0	1	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
Interior	2	0	6	6	27	41
Denali	-	-	-	-	-	-
Fairbanks North Star	-	-	1	-	3	4
Southeast Fairbanks	-	-	1	1	4	6
Yukon/Koyukuk	2	-	4	5	20	31

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
Interior	60	3	126	189
Denali	2	0	0	2
Fairbanks North Star	58	3	126	187
Southeast Fairbanks	0	0	0	0
Yukon/Koyukuk	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 3.120: 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
Interior	39	330	93	179	641
Denali	1	17	11	6	35
Fairbanks North Star	37	248	68	155	508
Southeast Fairbanks	1	38	8	17	64
Yukon-Koyukuk	0	27	6	1	34

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
Interior	4	18	7	51	9	89
Denali	0	0	0	0	0	0
Fairbanks North Star	4	18	7	47	9	81
Southeast Fairbanks	0	0	0	1	0	1
Yukon-Koyukuk	0	0	0	3	0	3

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
Interior	6	50	14	70
Denali	0	0	0	0
Fairbanks North Star	6	46	14	66
Southeast Fairbanks	0	2	0	2
Yukon-Koyukuk	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).

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
Interior	22	24	1	8	3	58
Denali	1	3	0	1	0	5
Fairbanks North Star	21	17	1	4	3	46
Southeast Fairbanks	0	1	0	0	0	1
Yukon/Koyukuk	0	3	0	3	0	6

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
Interior	63	44	0	6	0
Denali	0	0	0	0	0
Fairbanks North Star	61	44	0	6	0
Southeast Fairbanks	2	0	0	0	0
Yukon-Koyukuk	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 3/14/07). [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. EFDHA I 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%
Interior	1673	910	51.9%	49.1-54.6%	113	44.9%	130	59.7%
Denali – Southeast Fairbanks	171	98	56.0%	47.2%-64.4%	85	DSU	86	DSU
Fairbanks North Star	1353	762	53.0%	50.0-56.1%	628	45.6%	725	61.3%
Yukon-Koyukuk	149	50	29.5%	22.0-38.2%	72	DSU	77	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%
Interior	1684	258	14.6%	12.8%-16.6%	789	23.7%	895	16.1%
Denali – Southeast Fairbanks	169	17	9.0%	5.2%-15.3%	83	7.2%	86	11.1%
Fairbanks North Star	1360	192	13.9%	11.9%-16.1%	629	12.6%	731	15.3%
Yukon-Koyukuk	155	49	31.7%	23.7%-40.9%	77	DSU	78	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 (AHADB Table 4.150)

Region/Census Area	Provider Agency	Year	Site Count Totals
Interior			
Denali	Interior Community Health Center	1995	1
Fairbanks North Star	Interior Community Health Center	1995	1
	Tanana Chiefs Conference	2007	1
Southeast Fairbanks	-	-	0
Yukon-Koyukuk			
Arctic Village	Council of Athabaskan Tribal Governments	2002	1
Beaver	Council of Athabaskan Tribal Governments	2002	1
Birch Creek	Council of Athabaskan Tribal Governments	2002	1
Chalkyitsik	Council of Athabaskan Tribal Governments	2002	1
Circle	Council of Athabaskan Tribal Governments	2002	1
Fort Yukon	Council of Athabaskan Tribal Governments	2002	1
Galena	City of Galena	2001	1
Huslia	City of Galena	2001	1
Kaltag	City of Galena	2001	1
Koyukuk	City of Galena	2001	1
McGrath	Southcentral Foundation	2002	1
Nulato	City of Galena	2001	1
Rampart	Council of Athabaskan Tribal Governments	2002	1
Ruby	City of Galena	2001	1
Stevens Village	Council of Athabaskan Tribal Governments	2002	1
Venetie	Council of Athabaskan Tribal Governments	2002	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%
Interior						
Interior Alaska Service Unit	93,351	109,086	16.9%	43,156	70,487	63.3%
Tanana Health Center	99	25	-74.8%	53	25	-52.8%
Chief Andrew Isaac Health Center	82,433	100,110	21.4%	37,633	65,816	74.9%
Yukon Flats Health Center	4,971	4,953	-0.4%	4,147	3,701	-10.8%
Field Visits	5,848	3,998	-31.6%	1,323	945	-28.6%
Yukon-Kuskokwim Delta SU	267,308	278,960	4.4%	94,689	102,644	8.4%
Aniak Subregional Health Clinic	5,683	6,026	6.0%	3,785	4,408	16.5%
Emmonak Subregional Clinic	10,385	10,509	1.2%	6,924	7,496	8.3%
St. Mary's Subregional Clinic	8,213	8,161	-0.6%	5,198	4,338	-16.5%
Yukon-Kuskokwim Delta Regional Hospital	159,589	157,645	-1.2%	74,765	80,661	7.9%
Field Visits	83,438	96,619	15.8%	4,017	5,741	42.9%

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
Interior						
Council of Athabascan Tribal Governments	3,029	18	0	116	0	3,094
Tanana Chiefs Conference	10,348	30	2,247	727	0	10,814
Upper Kuskokwim Service Area	633	0	0	0	0	633
Yukon Kuskokwim Health Corporation	116,812	0	0	0	0	116,812

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%
<i>Interior</i>			
Interior Alaska Service Unit	14,100	11,262	-20.1%
Tanana Health Center	152	155	2.0%
Chief Andrew Isaac Health Center	13,408	8,434	-37.1%
Yukon Flats Health Center	540	247	-54.3%
Field Visits	0	2,426	
Yukon-Kuskokwim Delta SU	14,295	13,855	-3.1%
Yukon-Kuskokwim Delta Regional Hospital		8,362	
Field Visits		5,493	

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		
General Acute Care Hospitals		1,169	1,056	68		
Fairbanks Memorial Hospital	-	152	152	-	(1)	Fairbanks

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)

<i>Staffed Hospital Bed Utilization Report*</i>							
Facility	Location	Staffed Beds			Average Daily Census		Peak Census
None							
<i>Inpatient Activity, Excluding Newborns</i>							
Facility	Admissions			Inpatient Days			
	FY 2005	FY 2006	% Change	FY 2005	FY 2006	% Change	
None							
Facility	Average Daily Patient Load			Average Length of Stay			
	FY 2005	FY 2006	% Change	FY 2005	FY 2006	% Change	
None							

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 Smoker*	Former Smoker*	Never Smoked*	Male			Female		
					Current Smoker	Former Smoker	Never Smoked *	Current Smoker	Former Smoker	Never Smoked *
Statewide Total	15,009	23.4%	26.5%	50.0%	26.0%	28.7%	45.4%	20.7%	24.2%	55.1%
Interior	3377	22.6%	25.1%	52.3	24.3%	28.4%	47.3%	20.7%	21.4	57.9%
Denali – Southeast Fairbanks	331	22.1%	26.3%	51.7%	27.2%	33.5%	39.3%	17.2%	19.5%	63.3%
Fairbanks North Star	2742	21.4%	24.7%	53.9%	22.8%	27.5%	49.7%	19.9%	21.6%	58.6%
Yukon-Koyukuk	304	39.3%	29.7%	31.0%	40.3%	35.2%	24.5%	38.1%	22.6%	39.3%

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%
Interior	1653	294	19.5%	17.3-22.0%	770	27.4%	883	10.9
Denali – Southeast Fairbanks	169	28	16.5%	11.0-24.0%	84	DSU	85	12.2%
Fairbanks North Star	1340	230	19.4%	17.0-22.2%	616	28.3%	724	9.7%
Yukon-Koyukuk	144	36	25.6%	18.1-34.9%	70	DSU	74	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

* 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

***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%
Interior	1628	109	6.9%	5.6-8.6%	760	7.8%	868	5.9%
Denali – Southeast Fairbanks	168	11	6.0%	3.2-11.1%	84	4.0%	84	8.3%
Fairbanks North Star	1321	90	7.1%	5.6-9.0%	608	8.4%	713	5.6%
Yukon-Koyukuk	139	8	5.8%	2.7-12.2%	68	4.5%	71	7.6%

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>

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%
Interior	1784	1372	76.4%	74.0-78.6%	845	81.2%	939	71.0%
Denali – Southeast Fairbanks	174	137	82.7%	76.3-87.7%	86	90.0%	88	75.1%
Fairbanks North Star	1458	1103	75.1%	72.4-77.6%	689	79.9%	769	69.7%
Yukon-Koyukuk	152	132	86.7%	79.4-91.6%	70	88.2%	82	85.0%

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

	Total Sample Size	Over-weight	% of population Overweight*	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%
Interior	3260	1240	38.9%	858	24.9%	1537	47.5	24.8%	1723	28.9%	25.1%
Denali – Southeast Fairbanks	320	114	36.1%	93	29.8%	149	42.3%	33.1	171	29.9%	26.5
Fairbanks North Star	2641	1002	39.1%	670	24.0%	1232	48.2%	23.8%	1409	28.5%	24.3
Yukon-Koyukuk	299	124	40.3%	95	30.9	156	44.9%	28.5%	143	34.0%	34.2

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%
Interior	2333	534	21.8%	19.8-24.0%	1082	20.9%	1251	22.8%
Denali – Southeast Fairbanks	226	56	23.8%	17.5-31.5%	106	DSU	120	19.8%
Fairbanks North Star	1886	224	21.6%	19.4-24.0%	862	20.6%	1024	22.8%
Yukon-Koyukuk	221	54	21.8%	15.8-29.4%	114	16.8%	107	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.

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%
Interior	713	643	89.3%	86.2-91.8%
Denali – Southeast Fairbanks	72	66	94.7%	87.5-97.9%
Fairbanks North Star	575	521	89.0%	85.3-91.8%
Yukon-Koyukuk	66	56	86.6%	74.8-93.4%

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 drank non-diet soda pop in the past week	% who have drank 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 – Air Data, EPA 2008

	Good	Moderate	Unhealthy for Sensitive Groups	Unhealthy	Total Days AQI Measured
Fairbanks North Star	132	11	1	1	145
Yukon-Koyukuk	297	5	1	0	303

**Individual measurements for Kodiak Island and Valdez-Cordova not available.

Source: United States Environmental Protection Agency, Air Quality Index Report:

<http://iaspub.epa.gov/airsdata/ADAQS.aqi?geotype=st&geocode=AK&geoinfo=st%7EAK%7EAlaska&pol=&year=2008+2007+2006+2005&sumtype=co&fld=gname&fld=gcode&rpp=25&page=1&sort=d17&fmt=>

Table 6.020: Clean Indoor Air Policies – Obtained locally

Region	Indoor Air Ordinances (obtained locally)
Denali – Southeast Fairbanks	
Fairbanks North Star	
Yukon-Koyukuk	

Table 6.030: Tobacco Control Ordinances – Obtained locally

Region	Tobacco Ordinances (obtained locally)
Denali – Southeast Fairbanks	
Fairbanks North Star	
Yukon-Koyukuk	

Table 6.040: Health Prevention and Promotion—Water Quality, by Fiscal Year, SFY 2001-2006

	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
Public Water Systems (% of population serviced by water systems in compliance)	-	96%	94%	92%	96%	-

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>

Table 6.060 – Incidence rates* of injuries and illnesses by industry sector and employment size, 2007

	All Establishments	Establishment Employment Size				
		1-10	11-49	50-249	250-999	≥ 1,000
All Alaska Employees	5.2	3.0	5.1	6.5	5.5	4.6
Private Sector	5.5	3.0	5.2	6.7	6.1	5.4
Goods Producing	7.1	7.2	10.7	7.8	5.3	1.9
Service Producing	5.0	2.2	4.0	6.4	6.5	7.6
State, Local Government	4.2	--	2.6	5.2	4.3	3.7
State Level	2.9	--	--	3.9	2.3	2.6
Local Level	5.0	--	2.2	5.8	6.5	4.4

*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).

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

Table 6.070: Local Food Related Illnesses and Infections – Information obtained Locally

Food Involved	Pathogen Involved (If Known)	Date and Time Recorded	Location	People Affected

Table 6.080: Water Fluoridation: Information obtained locally

Region	Is water fluoridated?
Denali – Southeast Fairbanks	
Fairbanks North Star	
Yukon-Koyukuk	

Table 6.090: Health Prevention and Promotion—Solid Waste, by Fiscal Year, SFY 2001-2006 (AHCDB Table 2.535)

	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
Solid Waste (% of regulated solid waste facilities that are authorized/permited)	82%	84%	85%	92%	96%	98%

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

					Male		Female	
	Sample size	Mental Health Not Good 14+ Days *	% Mental Health Not Good 14+ Days *	Confidence Interval 95%	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%
Interior	3332	340	9.2%	8.2%-10.4%	1531	6.4%	1801	12.4%
Denali – Southeast Fairbanks	326	39	11.3%	8.0-15.7%	148	7.9%	178	14.4%
Fairbanks North Star	2708	266	9.1%	8.0-10.5%	1231	6.4%	1477	12.2%
Yukon-Koyukuk	298	35	8.1%	5.6-11.4%	152	4.4%	146	12.9%

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 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
Interior	138	459	45	40	301	983
Denali	-	-	-	-	-	-
Fairbanks North Star	128	422	38	39	282	909
Southeast Fairbanks	6	13	3	1	7	30
Yukon-Koyukuk	4	24	4	-	12	44

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
Interior	6	101	137	33	15	5	76	373
Denali	-	-	-	-	-	-	-	-
Fairbanks North Star	6	84	123	31	15	4	67	330
Southeast Fairbanks	-	11	9	2	-	-	7	29
Yukon-Koyukuk	-	6	5	-	-	1	2	14

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
Interior	664	459	164	51	80	11	30	121
Fairbanks	664	459	164	51	80	11	30	121

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 % of total	Homicide Deaths	Deaths % of total	
Statewide Total	28,704	1,256	4%	436	2%	
Interior	4,129	202	5%	85	2%	
Denali	49	1	2%	1	2%	
Fairbanks North Star	3,277	137	4%	63	2%	
Southeast Fairbanks	335	19	6%	3	1%	
Yukon-Koyukuk	468	45	10%	18	4%	

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%
Interior	1676	330	18.6%	16.6-20.7%	794	17.5%	882	19.7%
Denali-Southeast Fairbanks	164	29	18.8%	12.8-26.8%	78	15.6%	86	DSU
Fairbanks North Star	1358	246	17.4%	15.3-19.8%	645	17.2%	713	17.7%
Yukon-Koyukuk	154	55	32.7%	24.6-41.9%	71	DSU	83	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 small sample size.

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%
Interior	1682	242	13.0%	11.3-14.8%	803	5.0%	879	21.5%
Denali-Southeast Fairbanks	161	26	17.0%	11.3-24.8%	77	6.1%	84	DSU
Fairbanks North Star	1365	196	12.7%	10.9-14.7%	653	4.7%	712	21.3%
Yukon-Koyukuk	156	20	11.4%	6.9-18.2%	73	7.5%	83	15.6%

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

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%
Interior	1682	408	21.0%	19.0-23.2%	801	13.8%	881	28.7%
Denali-Southeast Fairbanks	163	38	20.9%	14.9-28.5%	77	13.6%	86	DSU
Fairbanks North Star	1364	319	20.5%	18.3-22.9%	652	13.7%	712	29.7
Yukon-Koyukuk	155	51	27.5%	20.4-36.0%	72	15.5%	83	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.

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
	Post neonatal		170	3.4		181	3.6
Interior	Total	8,431	51	6.0	8,681	54	6.2
	Neonatal		30	3.6		26	3.0
	Post neonatal		21	2.5		28	3.2
Denali	Total	100	0	*	98	1	**
	Neonatal		0	-		0	-
	Post neonatal		0	**		1	**
Fairbanks North Star	Total	7,277	44	6.0	7,718	44	5.7
	Neonatal		27	3.7		21	2.7
	Post neonatal		17	2.3*		23	3.0
Southeast Fairbanks	Total	509	4	**	455	2	**
	Neonatal		1	**		2	**
	Post neonatal		3	**		0	-
Yukon-Koyukuk	Total	545	3	**	410	7	**
	Neonatal		2	**		3	**
	Post neonatal		1	**		4	**

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>

Prenatal Care & Maternal Risk Factors

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%
Interior	453	5.1%	5,178	58.8%	1,174	13.3%	82	0.9%
Denali	3	3.1%	39	40.6%	16	16.3%	1	1.0%
Fairbanks North Star	408	5.3%	4,872	64.9%	960	12.5%	59	0.8%
Southeast Fairbanks	22	4.9%	135	32.3%	71	15.7%	5	1.1%
Yukon-Koyukuk	20	4.9%	132	34.5%	127	31.2%	17	4.2%

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
Interior	102,276	26,726	69,427	6,123	0.47
Denali	1,795	365	1,323	107	0.36
Fairbanks North Star	87,849	23,076	59,891	4,882	0.47
Southeast Fairbanks	6,772	1,867	4,322	583	0.57
Yukon/Koyukuk	5,860	1,418	3,891	551	0.51

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%
Interior					
Denali	98	52.9	7	**	7.1%
Fairbanks North Star	7,718	79.8	658	40.7	8.5%
Southeast Fairbanks	455	81.8	44	33.9	9.7%
Yukon-Koyukuk	410	67.8	74	47.7	18.0%

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
<i>National (2000) ***</i>	-	-	18.1	166.8	2.5	3.9
<i>Statewide (2001-2005)</i>	44,876	42,098	138.3	129.8	2.6	3.3
<i>Interior</i>	5,602	5,560	116.2	115.4	-	-
Denali	108	101	112.9	105.5	2.5	2.7
Fairbanks North Star **	4,693	4,666	114.2	113.5	2.6	4.1
Southeast Fairbanks	399	396	134.8	133.7	2.3	3.6
Yukon/Koyukuk	402	397	126.7	125.1	2.4	3.5

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
None							
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
None							
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%
Interior	3333	383	10.6%	9.5-11.9%	1539	9.9%	1794	11.4%
Denali-Southeast Fairbanks	332	43	14.8%	10.7-20.1%	147	15.2%	175	14.4%
Fairbanks North Star	2716	289	9.9%	8.7-11.2%	1241	9.1%	1475	10.7%
Yukon-Koyukuk	295	51	15.6%	11.7-20.7%	151	14.4%	144	17.3%

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%
Interior	4,129	815	20%	858	21%	467	11%
Denali	49	3	6%	11	22%	9	18%
Fairbanks North Star	3,277	661	20%	702	21%	336	10%
Southeast Fairbanks	335	68	20%	64	19%	38	11%
Yukon-Koyukuk	468	83	18%	81	17%	84	18%

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
Interior						
Denali	537.2	**	**	**	94.4*	**
Fairbanks North Star	840.0	17.5	47.8	7.5	208.6	166.4
Southeast Fairbanks	895.1	33.2*	67.1	**	174.3	196.8
Yukon-Koyukuk	1,024.3	70.3	143.9	31.3*	210.5	198.7

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
Interior				
Denali	1,914	600	627.0	4.0
Fairbanks North Star **	82,214	29,115	708.3	4.4
Southeast Fairbanks	5,922	2,240	756.5	4.4
Yukon/Koyukuk	6,347	2,743	864.3	4.7

Source: Raring, 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
Interior	3,900	3,357	3,441	3,011	2,074	1,507	1,151	1,522
Denali	62	51	69	32	51	25	19	25
Fairbanks North Star *	3,324	2,679	2,890	2,545	1,749	1,239	964	1,322
Southeast Fairbanks	280	218	203	141	135	122	77	83
Yukon/Koyukuk	234	409	279	293	139	121	91	92

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 military 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
Interior	80.9	69.6	71.4	62.5	43.0	31.3	23.9	31.6
Denali	64.8	53.3	72.1	33.4	53.3	26.1	19.9	26.1
Fairbanks North Star *	80.9	65.2	70.3	61.9	42.5	30.1	23.5	32.2
Southeast Fairbanks	94.6	73.6	68.6	47.6	45.6	41.2	26.0	28.0
Yukon/Koyukuk	73.7	128.9	87.9	92.3	43.8	38.1	28.7	29.0

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 military hospital not yet reporting to the Alaska Hospital Discharge Data System

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

Rate is per population 10,000

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
Interior								
Denali	5.8	4.5	4.4	5.4	3.5	5.7	2.0	3.2
Fairbanks North Star **	4.7	5.8	4.8	5.1	4.2	5.5	2.6	3.6
Southeast Fairbanks	5.4	5.3	4.5	6.1	4.6	5.8	2.7	3.9
Yukon/Koyukuk	5.2	5.5	5.3	5.6	6.2	8.0	2.4	3.7

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

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

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%
Fairbanks and Vicinity	63%	27%	52%
Native (any mention)	68%	32%	68%
White	65%	21%	54%
All Others	56%	35%	44%

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%
Interior	1712	64.8	62.1%-67.4%	13.8%	11.9-16.0%	11.8	10.1%-13.7%	9.3%	7.9-11.0%
Denali – Fairbanks South	174	55.9%	47.0-64.4%	13.2%	8.5-19.8%	17.7%	11.5-26.3%	12.7%	8.1-19.5%
Fairbanks North Star	1380	66.9%	64.0-69.7%	13.2%	11.1-15.5	10.8%	9.1-12.8%	8.8%	7.3-10.6%
Yukon-Koyukuk	158	48.5%	39.0-58.2%	23.1	14.9%-34.1	16.5	11.0%24.1%	11.4	6.7-18.9%

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%-
Interior	1607	62.0	59.2%-64.8%	14.6	12.6-16.9%	12.0	10.3%-14.0	10.6	9.0%-12.4
Denali – Fairbanks South	165	52.6%	43.6-61.5%	14.1	9.2-21.1%	17.2%	10.9-26.0%	12.5%	8.0-19.1
Fairbanks North Star	1301	64.1	61.5%-67.5%	14.2	12.0-16.7%	11.0	9.2-13.1%	10.0	8.3-11.9%
Yukon-Koyukuk	141	40.0	30.7-50.2%	21.0	12.6-32.9%	19.5	12.8-28.5%	16.0	10.1-24.6%

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%
Interior	1702	63.9	61.3-66.5%	23.1	20.9-25.5%	8.9	7.6-10.4%	4.0	3.2-5.1%
Denali – Fairbanks South	174	51.8	43.0-60.5%	32.0	24.2-41.0%	12.7	7.8-19.9%	3.5	1.5-8.1%
Fairbanks North Star	1371	67.0	64.2-69.7%	22.0	19.7-24.6%	7.2	5.9-8.7%	3.8	2.9-4.9%
Yukon-Koyukuk	157	39.6	30.2-49.9%	25.3	18.6-33.4%	26.5	18.7-36.2%	8.6	4.9-14.7%

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>

DSU = Data Statistically Unreliable due to low sample size

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%
Interior	163	104	64.8%	56.3- 72.5%
Denali – Fairbanks South	28	16	DSU	DSU
Fairbanks North Star	120	77	63.9%	53.8- 72.9%
Yukon-Koyukuk	15	11	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 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%
Interior	179	115	65.6%	57.5- 72.8%
Denali – Fairbanks South	32	15	49.1%	31.3- 67.2%
Fairbanks North Star	127	84	66.4%	56.7- 74.9%
Yukon-Koyukuk	20	16	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 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
Interior 2006	526	42	139	6
Total AK 2007	4911	581	1141	61
Interior 2007	733	37	126	5

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

