Community Health Status Assessment Report

Gulf Coast 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

Gulf Coast Region
Kenai Peninsula
Kodiak
Valdez-Cordova

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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%**
Gulf Coast	**64,063**	**73,799**	**74,680**	**74,823**	**74,611**	**-212**	**-0.3%**
Kenai Peninsula	40,802	49,691	51,193	51,191	51,350	159	0.3%
Kodiak	13,309	13,913	13,517	13,623	13,506	-117	-0.9%
Valdez-Cordova	9,952	10,195	9,970	10,009	9,755	-254	-2.5%

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**
Gulf Coast	**74,611**	**17,493**	**50,783**	**6,335**	**0.47**
Kenai Peninsula	51,350	11,464	35,070	4,816	0.46
Kodiak	13,506	3,786	8,939	781	0.51
Valdez-Cordova	9,755	2,243	6,774	738	0.44

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

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

	Racial Composition (bridge series *)					Ethnicity
Region/Census Area	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**
Gulf Coast	**74,904**	**61,123**	**8,831**	**842**	**4,108**	**2,349**
Kenai Peninsula	51,224	44,645	4,935	584	1,060	1,237
Kodiak	13,638	8,618	2,276	162	2,582	813
Valdez-Cordova	10,042	7,860	1,620	96	466	299

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 House-hold Size
Statewide Total	**571,951**	**626,932**	**1.1**	**260,978**	**0.5**	**2.74**
Gulf Coast	**56,892**	**73,799**	**1.3**	**35,178**	**0.6**	**2.69**
Kenai Peninsula	16,013	49,691	3.1	24,871	1.6	2.62
Kodiak	6,560	13,913	2.1	5,159	0.8	3.07
Valdez-Cordova	34,319	10,195	0.3	5,148	0.2	2.58

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)

	2000 Population 65 and Over			2006 Population 65 and Over				
Region/Census Area	Total Population	Male	Female	Total Population	Male	Female	Change in Total Population 2000-2006	% Change in Total Population 2000-2006
Statewide Total	**35,699**	**16,724**	**18,975**	**45,412**	**21,817**	**23,595**	**9,713**	**27%**
Gulf Coast	**4,936**	**2,442**	**2,494**	**6,335**	**3,229**	**3,106**	**1,399**	**28%**
Kenai Peninsula	3,649	1,765	1,884	4,816	2,447	2,369	1,167	32%
Kodiak	673	356	317	781	399	382	108	16%
Valdez-Cordova	614	321	293	738	383	355	124	20%

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

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

Region/Census Areas	Live births	Fertility Rate***	Teen Births (15-19)	Teen Birth Rate (15-19)**	Teen Birth % (15-19)**
Statewide	**50,825**	**72.4**	**5,286**	**41.0**	**10.4%**
Gulf Coast	3,145	62.5	325	30.1	**10.3%**
Kenai Peninsula	1,062	73.7	77	29.7	**7.3%**
Kodiak	648	65.0	54	25.7	**8.3%**
Valdez-Cordova	3,145	62.5	325	30.1	**10.3%**

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%**
Gulf Coast	**26,727**	**1,789**	**4,781**	**6,570**	**25%**	**4,433**	**5,434**	**8,423**	**1,867**	**7%**
Kenai Peninsula	18,412	1,342	3,430	4,772	**26%**	3,134	3,796	5,609	1,101	**6%**
Kodiak	4,431	159	671	830	**19%**	674	949	1,536	442	**10%**
Valdez-Cordova	3,884	288	680	968	**25%**	625	689	1,278	324	**8%**

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%**
Gulf Coast					
Kenai Peninsula	20,949	28,156	28,758	29,443	2%
Kodiak	22,195	26,693	29,441	30,874	5%
Valdez-Cordova	23,046	30,011	33,034	34,006	3%

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%
Gulf Coast	22,440	46,528	4,831	.59	$21,474	13.17%
Kenai Peninsula	14,885	31,199	3,607	.59	$20,949	13.81%
Kodiak	4,526	8,749	638	.59	$22,195	10.77%
Valdez-Cordova	3,029	6,580	586	.55	$23,046	13.37%

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%**
Gulf Coast	**72,206**	**9,509**	**18,865**	**13%**	**26%**
Kenai Peninsula	48,412	6,685	13,118	14%	27%
Kodiak	13,731	1,479	3,157	11%	23%
Valdez-Cordova	10,063	1,345	2,590	13%	26%

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%**
Gulf Coast	**22,113**	**1,371**	**2,211**	**3,582**	**16%**
Kenai Peninsula	14,667	936	1,617	2,553	17%
Kodiak	4,449	318	272	590	13%
Valdez-Cordova	2,997	117	322	439	15%

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

For further information:
http://factfinder.Census.gov/servlet/DTGeoSearchByListServlet?ds_name=DEC_2000_SF3_U&_lang=en&_ts=199820896828

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

Census Area	Type	2000	2001	2002	2003	2004	Number Change 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%**
Gulf Coast	**Local**	**28,435**	**28,279**	**28,827**	**29,347**	**29,778**	**431**	**1.5%**
	Other Alaska Resident	**3,725**	**3,532**	**3,489**	**3,255**	**2,732**	**-523**	**-16.1%**
	Non-Resident	**7,753**	**7,709**	**7,902**	**7,652**	**7,731**	**79**	**1.0%**
Kenai Peninsula	Local	18,517	18,553	19,094	19,589	19,852	263	1.3%
	Other Alaska Resident	1,849	1,673	1,772	1,632	1,424	-208	-12.7%
	Non-Resident	4,093	4,286	4,656	4,095	4,173	78	1.9%
Kodiak	Local	5,428	5,308	5,253	5,413	5,509	96	1.8%
	Other Alaska Resident	535	502	436	511	339	-172	-33.7%
	Non-Resident	1,502	1,340	1,199	1,703	1,647	-56	-3.3%
Valdez-Cordova	Local	4,490	4,418	4,480	4,345	4,417	72	1.7%
	Other Alaska Resident	1,341	1,357	1,281	1,112	969	-143	-12.9%
	Non-Resident	2,158	2,083	2,047	1,854	1,911	57	3.1%

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
Gulf Coast						
Kenai Peninsula	10.1	12.1	12.1	12.5	12.3	13.2
Kodiak	8.6	10.9	9.8	11.1	11.2	9.9
Valdez-Cordova	12.8	13.1	12.3	14.3	14.3	11.8

Source: Alaska Dept of Labor and Workforce Development, Research and Analysis.
For further information: http://almis.labor.state.ak.us/cgi/dataanalysis/?PAGEID=94&SUBID=188

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

Region/Census Area	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Statewide Total	8.0	8.3	7.5	7.1	6.4	6.7	5.9	5.8	6.0	6.0	6.7	6.9
Gulf Coast												
Kenai Peninsula	10.9	11.6	10.3	9.3	7.7	7.5	6.4	6.6	7.3	7.9	8.7	9.4
Kodiak	8.2	7.8	7.1	7.5	8.8	9.0	6.1	60	7.0	7.7	12.3	13.5
Valdez-Cordova	13.6	14.7	12.5	10.8	8.5	7.6	6.5	5.9	3.9	9.3	10.4	10.8

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%**
Gulf Coast	**68,459**	**61,057**	**89%**	**7,402**	**11%**
Kenai Peninsula	46,359	42,892	93%	3,467	7%
Kodiak	12,567	9,486	75%	3,081	25%
Valdez-Cordova	9,533	8,679	91%	854	9%

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
Gulf Coast	**1,670**	**1,953**	**1,029**	**2,750**	**7,402**
Kenai Peninsula	799	140	716	1,812	3,467
Kodiak	650	1,597	125	709	3,081
Valdez-Cordova	221	216	188	229	854

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%**
Gulf Coast	**1539**	**350**	**20.1**	**18.0-22.4**	**699**	**18.1**	**840**	**19.4**
Kenai Peninsula	1073	264	21.7	19.1-24.5	487	20.8	586	22.7
Kodiak	247	38	13.2	9.2-18.6	112	7.9	135	12.9
Valdez Cordova	219	48	20.4	15.1-27.1	100	16.7	119	23.9

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section
*Percentages are weighted based on actual total population statistics.
For further information: http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm

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

					Male		Female	
Region	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**
Gulf Coast	**1554**	**120**	**6.1**	**5.0-7.5**	**706**	**5.6**	**848**	**6.7**
Kenai Peninsula	1084	88	6.7	5.2-8.5	492	6.2	592	6.8
Kodiak	249	14	3.8	2.1-6.7	112	3.4	137	4.2
Valdez-Cordova	113	4	4.9	1.8-12.8	102	3.6	119	8.8

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 2.140: Disabilities—DSDS 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
Gulf Coast	174	164	20	80	438
Kenai Peninsula	144	139	19	62	364
Kodiak	13	7	0	13	33
Valdez-Cordova	17	18	1	5	41

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

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

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

Region/Census Area*	Older Alaskans Waiver	DSDS Senior Grants	Adult Physical Disability Waiver	Total
Statewide	**1,342**	**11,199**	**952**	**13,493**
Gulf Coast	**221**	**2,965**	**189**	**3,375**
Kenai Peninsula	180	2,140	159	2,479
Kodiak	20	525	7	552
Valdez-Cordova	21	300	23	344

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

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

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

Region/Census Area	Total Male Age ≥ 25	Less than High School	% less than High School	High School Graduate	% * High School Graduate	Some College	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%**
Gulf Coast	**24,072**	**2,970**	**12%**	**8,141**	**34%**	**7,016**	**1,510**	**2,910**	**1,067**	**321**	**24,072**	**2,970**
Kenai Peninsula	16,248	1,934	12%	5,561	34%	4,729	962	1,967	766	229	16,248	1,934
Kodiak	4,398	653	15%	1,482	34%	1,280	267	503	134	61	4,398	653
Valdez-Cordova	3,426	383	11%	1,098	32%	1,007	281	440	167	31	3,426	383

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	Professional School Degree	Doctorate Degree	%* Receiving College Degree
Statewide Total	**183,880**	**21,291**	**12%**	**48,437**	**26%**	**53,810**	**13,685**	**31,647**	**11,333**	**2,503**	**1,174**	**33%**
Gulf Coast	**21,944**	**2,567**	**12%**	**6,341**	**29%**	**6,697**	**1,510**	**3,417**	**1,149**	**182**	**81**	**29%**
Kenai Peninsula	15,140	1,671	11%	4,429	29%	4,763	977	2,287	830	124	59	28%
Kodiak	3,789	541	14%	1,082	29%	1,056	291	578	187	43	11	29%
Valdez-Cordova	3,015	355	12%	830	28%	878	242	552	132	15	11	32%

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 Population 25+	High School Diploma or More	%* of Population 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%**
Gulf Coast	**36,929**	**84.6**	**44,491**	**86.6**	**20%**	**7,422**	**17.0**	**9,443**	**18.4**	**27%**
Kenai Peninsula	23,335	85.2	30,275	87.0	**30%**	4,462	16.3	6,453	18.5	**45%**
Kodiak	7,746	84.1	7,935	84.5	**2%**	1,741	18.9	1,592	17.0	**-9%**
Valdez-Cordova	5,848	82.8	6,281	87.7	**7%**	1,219	17.3	1,398	19.5	**15%**

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 Combined Responses

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

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section
*Percentages are weighted based on actual total population statistics.
For further information: http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm

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

Region and Census Area	Average Monthly Medicaid Enrollment (AME)		2007 AME Percent of CY 2006 Population
	SFY 2006	SFY 2007	
Statewide (excludes out-of-state)	**95,834**	**91,117**	**13.6%**
Gulf Coast	**6,745**	**6,679**	**9%**
Kenai Peninsula	4,940	4,938	10%
Kodiak	1,078	1,041	8%
Valdez-Cordova	727	700	7%

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				
Gulf Coast	5,396	1,132	6,528	17%
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**
Gulf Coast	**102**	**15**	**28**	**145**
Kenai Peninsula	74	12	19	105
Kodiak	22	3	3	28
Valdez-Cordova	6	0	6	12

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%**	**-**	**-**
Gulf Coast				
Homer	18	1%	44%	1%
Kenai/Soldotna	46	3%	52%	7%
Kodiak	23	2%	74%	2%
Seward	6	0%	83%	1%

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

Note: Licensure data include only active, unrestricted licenses.

For further information: http://www.hss.state.ak.us/commissioner/Healthplanning/publications/assets/PSTF-06.pdf

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

Region/Census Area	Nurse Practitioners	Physician Assistants	Totals
Statewide Totals	**450**	**284**	**734**
Gulf Coast	**41**	**28**	**69**
Kenai Peninsula	34	19	53
Kodiak	4	3	7
Valdez-Cordova	3	6	9

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**
Gulf Coast	**41**	**547**	**63**	**462**
Kenai Peninsula	34	414	50	367
Kodiak	4	79	6	54
Valdez-Cordova	3	54	7	41

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**
Gulf Coast	**1**	**17.5**	**1**	**0**	**1**	**20.5**
Cordova	0	1	0	0	0	1
Homer	0	3.5	0	0	0	3.5
Kenai Peninsula	1	7	1	0	1	9
Kodiak Island	0	4	0	0	0	4
Seward	0	1	0	0	0	1
Valdez	0	1	0	0	0	1

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 an 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**
Gulf Coast	**16,995**	**237**	**325**	**267**	**58**	**81**	**968**
Kenai Peninsula	11,274	161	242	192	50	55	**700**
Kodiak	3,220	37	62	60	2	11	**172**
Valdez-Cordova	2,501	39	21	15	6	15	**96**

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**
Gulf Coast	**13,963**	**296**	**713**	**503**	**210**	**523**	**2,245**
Kenai Peninsula	9,090	204	535	377	158	434	**1,708**
Kodiak	2,911	55	114	86	28	70	**353**
Valdez-Cordova	1,962	37	64	40	24	19	**184**

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**
Gulf Coast	**3**	**12**	**0**	**2**	**6**
Kenai Peninsula	2	8	0	2	4
Kodiak	0	4	0	0	2
Valdez-Cordova	1	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**
Gulf Coast	**23**	**25**	**1**	**47**	**9**	**17**	**4**
Kenai Peninsula	17	19	0	34	6	13	4
Kodiak	2	4	1	9	3	3	0
Valdez-Cordova	4	2	0	4	0	1	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**
Gulf Coast	**2**	**3**	**2**	**8**	**10**	**25**
Kenai Peninsula	1	1	-	-	6	8
Kodiak	1	2	1	3	3	10
Valdez-Cordova	-	-	1	5	1	7

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 Diomede 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**
Gulf Coast	**47**	**1**	**100**	**148**
Kenai Peninsula	37	1	71	109
Kodiak	7	0	14	21
Valdez-Cordova	3	0	15	18

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**
Gulf Coast	**44**	**217**	**114**	**131**	**506**
Kenai Peninsula	44	134	73	89	340
Kodiak	0	32	29	28	89
Valdez-Cordova	0	51	12	14	77

Source for Paramedics: McLearon, 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**
Gulf Coast	**4**	**11**	**3**	**29**	**6**	**53**
Kenai Peninsula	3	10	3	24	5	42
Kodiak	1	1	0	2	0	3
Valdez-Cordova	0	0	0	3	1	4

Source: Alaska Division of Corporations, Business and Professional Licensing, Department of Commerce, Community, and Economic Development (2007). Occupational Licensure Database (accessed 3/14/07). [AND] 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**
Gulf Coast	**3**	**30**	**5**	**38**
Kenai Peninsula	2	20	3	25
Kodiak	0	7	1	8
Valdez-Cordova	1	3	1	5

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

Note: 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**
Gulf Coast	**15**	**9**	**0**	**1**	**0**	**25**
Kenai Peninsula	12	8	0	1	0	21
Kodiak	2	1	0	0	0	3
Valdez-Cordova	1	0	0	0	0	1

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**
Gulf Coast	**46**	**43**	0	0	**0**
Kenai Peninsula	33	33	0	0	0
Kodiak	10	9	0	0	0
Valdez-Cordova	3	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 3/14/07). [AND] Community Health Aide Program Certification Board's List (as of 2/19/07). Personal communication from Ron Nagel, Alaska Native Tribal Health Consortium.
*Note: Dental Health Aides (all categories) are not licensed by the State of Alaska, but are credentialed via the Community Health Aide Program (CHAP) Certification Board.
Definitions:
PDHA is defined as Primary Dental Health Aides I and II PDHA I- Village based services. Provides education and topical fluoride application. PDHA II- Builds upon the PDHA-services in the village, places sealants, exposes radiographs, performs cleanings and traumatic restorative treatment, manages emergencies, and assists the dentist in the village
EFDHA is defined as an Extended Function Dental Health Aide I and II Clinic based. Functions as dental assistant. EFDHAI places filling materials in prepared teeth (simple), EFDHA II places filling materials in prepared teeth (complex), May perform cleanings.
Note: Licensure data include only active, unrestricted licenses.
For further description of these job classes, see:
Community Health Aide Program certification Board, Standards and Procedures, Amended 1/31/2005

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

	Sample size	Have Personal Doctor / Health Care Provider	% Having Doctor or HCP *	Confidence Interval 95%	Male		Female	
					Sample Size	%Having personal doctor / HCP *	Sample Size	%Having personal doctor / HCP *
Statewide Total	**7374**	**4202**	**57%**	**55.3-58.7%**	**3353**	**50.0%**	**4021**	**64.6%**
Gulf Coast	**1547**	**934**	**57.3**	**54.3-60.2**	**703**	**49.5**	**844**	**65.9**
Kenai Peninsula	1079	690	60.0	56.4-63.5	492	52.5	587	68.6
Kodiak	249	147	57.7	50.3-64.8	111	DSU**	138	67.6
Valdez-Cordova	219	97	43.1	35.6-50.1	100	DSU**	119	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%**
Gulf Coast	**1554**	**258**	**16.5**	**14.5-18.9**	**706**	**11.8**	**848**	**21.7**
Kenai Peninsula	1083	186	17.0	14.6-19.8	496	12.6	590	22.0
Kodiak	250	31	12.2	7.7-18.8	112	11.0	138	13.6
Valdez-Cordova	221	39	19.2	13.7-26.2	101	8.7	120	28.9

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

Region/Census Area	Provider Agency	Year	Site Count Totals
Gulf Coast			
Kenai			
Anchor Point	Seldovia Village Tribe	2007	1
Homer	Seldovia Village Tribe	2002	1
Kenai	Central Peninsula Health Centers	2001	1
Soldotna	Central Peninsula Health Centers	2001	1
Kodiak	Kodiak Island Health Care Foundation	2003	1
Valdez-Cordova			
Cordova	Native Village of Eyak	2005	1
Glennallen	Crossroads Medical Center	2003	1
Whittier	Eastern Aleutian Tribes	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)

	Total Ambulatory			Primary Care Provider Visits		
Region/Census Area	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%**
Gulf Coast						
Kodiak Service Area	**14,857**	**15,690**	**5.6%**	**14,222**	**15,123**	**6.3%**
Alutiiq Enwia Health Center	14,857	15,690	**5.6%**	14,222	15,123	**6.3%**

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**
Gulf Coast						
Chitina Traditional Village Council	576	0	0	207	0	**628**
Chugachmiut	5,006	20	325	996	0	**5,328**
Copper River Native Association	4,143	4	0	0	0	**4,151**
Kodiak Area Native Association	3,717	0	0	614	0	**3,871**
Mt. Sanford Tribal Consortium	566	31	518	164	0	**721**
Ninilchick	55	3	0	1,114	0	**340**
Tyonek	372	0	0	142	0	**408**

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%**
Gulf Coast	0	0	

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

Note: Fiscal year runs October 1 through September 30.

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

Facilities	Type	Total Beds	Acute Beds	Swing Beds	Designation*	Location
Statewide Totals		**2,417**	**1,101**	**98**		
Rural Primary Care Hospitals		**84**	**45**	**23**		
Cordova Community Medical Center	-	23	13	13	(2) (3)	Cordova
Providence Seward Medical Center	-	6	6	6	(2) (3)	Seward
PHS-ANH Hospitals		**302**	**-**	**7**		
None						
Nursing Facilities		**708**				
Cordova Community Medical Center, LTC	-	10	-	-	-	Cordova
Heritage Place	-	60	-	-	-	Soldotna
Providence Kodiak Island Medical Center	-	19	-	-	-	Kodiak
Providence Valdez Medical Center	-	10	-	-	-	Valdez
South Peninsula Hospital, LTC	-	25	-	-	-	Homer
Providence Seward Medical & Care Center	-	43	-	-	-	Seward

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-%202.pdf

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

Staffed Hospital Bed Utilization Report*				
Facility	**Location**	**Staffed Beds**	**Average Daily Census**	**Peak Census**
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 4: Quality of Life

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 4.010: Days of Mental Health Not Good in past 30 days: Combined 2005-2007

	Sample size	Mental Health Not Good 14+ Days *	% Mental Health Not Good 14+ Days *	Confidence Interval 95%	Male		Female	
					Sample Size	%Mental health not good 14+ Days *	Sample Size	%Mental health not good 14+ Days *
Statewide Total	**14747**	**1455**	**9.6%**	**8.9-10.3%**	**6755**	**7.9%**	**7992**	**11.4%**
Gulf Coast	**3080**	**315**	**10.0**	**8.8-11.3**	**1420**	**8.8**	**1660**	**11.4**
Kenai Peninsula	2146	229	10.3	8.9-11.9	972	9.3	1174	11.5
Kodiak	508	40	7.5	5.2-10.6	241	6.2	267	9.0
Valdez-Cordova	426	46	11.4	8.1-15.7	207	9.4	219	13.4

Table 4.020: PTA Participation, to be completed locally

List local schools	PTA Exists	Number of Members	*List local schools (Continued)*	PTA Exists	Number of Members

Table 4.030: Licensed Child Care Facility Openings, to be completed locally

List of Licensed Child Care	Number Licensed For	Number of Openings	*List of Licensed Child Care (cont)*	Number Licensed For	Number of Openings

Table 4.040: Alaskans who voted in 2008 General Election

Region	Number of Votes Cast	Number of Voters	Percent
Statewide	320,636	477,841	67.1
By Precinct/polling place complete at local level			

Source: State of Alaska, Division of Elections.
For voting records by polling place and precinct, go to http://www.elections.alaska.gov/08general/
For further information http://www.elections.alaska.gov/

Category 5: Behavioral Risk Factors – Youth and Adult

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

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

	Total Sample Size	Current Smokers *	Former Smokers *	Never Smoked *	Male			Female		
					Current Smokers *	Former Smokers *	Never Smoked *	Current Smokers *	Former Smokers *	Never Smoked *
Statewide Total	**15,009**	**23.4%**	**26.5%**	**50.0%**	**26.0%**	**28.7%**	**45.4%**	**20.7%**	**24.2%**	**55.1%**
Gulf Coast	**3127**	**22.6**	**29.4**	**47.9**	**25.6**	**30.9**	**43.5**	**19.3**	**27.8**	**52.8**
Kenai Peninsula	2180	22.0	32.0	46.0	24.4	34.1	41.5	19.4	29.7	51.0
Kodiak	514	20.3	24.8	54.9	24.1	24.6	51.2	15.8	24.9	59.3
Valdez-Cordova	433	28.5	22.4	49.1	33.6	22.5	43.9	23.3	22.3	54.4

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 5.030: 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 5.040: 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%**
Gulf Coast	**1516**	**228**	**16.4**	**14.2-18.8**	**684**	**22.1**	**832**	**10.0**
Kenai Peninsula	1055	143	14.4	12.1-17.1	476	19.1	579	9.2
Kodiak	242	51	24.0	18.1-31.1	109	31.6	133	15.4
Valdez-Cordova	219	34	17.2	11.4-25.0	99	DSU***	120	8.4

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 5.050: 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%**
Gulf Coast	**1512**	**91**	**6.0**	**4.7-7.6%**	**681**	**7.1**	**831**	**4.8**
Kenai Peninsula	1049	71	6.6	5.0-8.6	471	7.6	578	5.5
Kodiak	244	11	4.8	2.4-9.3	110	6.6	134	2.6
Valdez-Cordova	219	9	4.3	2.1-8.7	100	4.9	119	3.7

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

*Percentages are weighted based on actual total population statistics.

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

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 5.070: 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%**
Gulf Coast	**1603**	**1222**	**77.0**	**74.5-79.3**	**726**	**81.1**	**877**	**72.4**
Kenai Peninsula	1109	836	76.2	73.2-78.9	485	81.0	624	71.0
Kodiak	256	191	74.9	68.3-80.5	118	77.7	138	71.5
Valdez-Cordova	238	195	82.9	76.8-87.6	123	85.5	115	79.9

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 5.090: 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%**
Gulf Coast	**3030**	**1190**	**38.7**	**837**	**26.2**	**1427**	**45.6**	**25.4**	**1603**	**30.6**	**27.1**
Kenai Peninsula	2117	824	38.8	587	26.5	984	46.1	25.5	1133	30.3	27.7
Kodiak	501	204	39.6	123	22.0	237	46.3	20.1	264	31.5	24.3
Valdez-Cordova	412	162	37.2	127	29.2	206	42.4	31.1	206	31.5	27.1

Source: Alaska Behavioral Risk Factor Surveillance System data, 2005-2007. Alaska Department of Health and Social Services, Division of Public Health, Chronic Disease Prevention and Health Promotion Section
*Percentages are weighted based on actual total population statistics.
**Obesity is defined as having a Body Mass Index greater than 30
*Overweight is defined as having a Body Mass Index between 25 and 30.
For further information: http://www.hss.state.ak.us/dph/chronic/hsl/brfss/default.htm

Table 5.100: 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%**
Gulf Coast	**2180**	**497**	**21.6**	**19.4-23.9**	**999**	**22.2**	**1181**	**20.9**
Kenai Peninsula	1508	346	21.9	19.3-24.7	684	23.7	824	19.9
Kodiak	361	72	19.5	14.8-25.3	169	17.4	192	22.1
Valdez-Cordova	311	79	22.4	17.3-28.6	146	20.6	165	24.3

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 5.110: 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 5.120: 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	0783	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 5.140: 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%**
Gulf Coast	**681**	**592**	**87.0**	**83.8-89.7**
Kenai Peninsula	470	407	87.0	83.1-90.1
Kodiak	113	105	92.4	84.8-96.4
Valdez-Cordova	98	80	80.9	69.8-88.5

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 5.020: 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
Total	**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, Davison 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 5.060: 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**
Total	**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, Davison 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 5.080: 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
Total	**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, Davison of Public Health, Chronic Disease Prevention and Health Promotion Section
Note: Percentages represent weighted data

Table 5.130: 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
Total	**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, Davison 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
Kenai Peninsula	117	1	0	0	118

**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)
Kenai Peninsula	
Kodiak Island	
Valdez Cordova	

Table 6.030: Tobacco Control Ordinances – Obtained locally

Region	Tobacco Ordinances (obtained locally)
Kenai Peninsula	
Kodiak Island	
Valdez Cordova	

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?
Kenai Peninsula	
Kodiak Island	
Valdez Cordova	

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/permitted)	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

	Sample size	Mental Health Not Good 14+ Days *	% Mental Health Not Good 14+ Days *	Confidence Interval 95%	Male		Female	
					Sample Size	%Mental health not good 14+ Days *	Sample Size	%Mental health not good 14+ Days *
Statewide Total	**14747**	**1455**	**9.6%**	**8.9-10.3%**	**6755**	**7.9%**	**7992**	**11.4%**
Gulf Coast	**3080**	**315**	**10.0**	**8.8-11.3**	**1420**	**8.8**	**1660**	**11.4**
Kenai Peninsula	2146	229	10.3	8.9-11.9	972	9.3	1174	11.5
Kodiak	508	40	7.5	5.2-10.6	241	6.2	267	9.0
Valdez-Cordova	426	46	11.4	8.1-15.7	207	9.4	219	13.4

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

	Age 0-17		Age 18-20		Age 21-64		Age 65 and older		Age not available		Total
Service Setting	**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**
Gulf Coast	**88**	**298**	**15**	**36**	**179**	**616**
Kenai Peninsula	72	248	14	33	154	521
Kodiak	15	49	1	3	24	92
Valdez-Cordova	1	1	-	-	1	3

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**
Gulf Coast	**6**	**61**	**121**	**13**	**17**	**9**	**36**	**263**
Kenai Peninsula	4	51	101	12	14	9	32	223
Kodiak	2	6	15	1	2	-	3	29
Valdez-Cordova	-	4	5	-	1	-	1	11

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 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*			
	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)	Total Placements
Statewide Totals	**5,713**	**3,929**	**2,201**	**457**	**634**	**114**	**246**	**994**
Gulf Coast	**650**	**450**	**303**	**37**	**65**	**1**	**2**	**68**
Kenai Peninsula	394	273	114	25	64	1	2	67
Kodiak	131	81	83	8	1	0	0	1
Valdez-Cordova	55	44	58	2	0	0	0	0

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 Deaths % of total	Homicide Deaths	Homicide Deaths % of total
Statewide Total	**28,704**	**1,256**	**4%**	**436**	**2%**
Gulf Coast	**3,735**	**128**	**3%**	**27**	**1%**
Kenai Peninsula	2,747	93	3%	21	1%
Kodiak	497	16	3%	1	0%
Valdez-Cordova	491	19	4%	5	1%

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

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

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

Note: Rates are per 100,000 population.

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

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

	Sample size	As a child, witnessed physical abuse of a guardian	% witnessed physical abuse *	Confidence Interval 95%	Male		Female	
					Sample Size	% witnessed physical abuse *	Sample Size	% witnessed physical abuse *
Statewide Total	**7129**	**1419**	**19.1%**	**17.8-20.5%**	**3280**	**17.4%**	**3849**	**21.0%**
Gulf Coast	**1498**	**292**	**19.1**	**16.9-21.5**	**667**	**18.9**	**831**	**19.3**
Kenai Peninsula	1018	199	19.0	16.3-22.0	446	18.0	572	20.1
Kodiak	271	45	15.8	11.5-21.3	132	18.8	139	12.1
Valdez-Cordova	209	48	23.9	17.8-31.3	89	DSU	120	23.9

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

*Percentages are weighted based on actual total population statistics.

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

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

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%**
Gulf Coast	**1494**	**238**	**14.4**	**12.5-16.5**	**671**	**5.9**	**823**	**23.8**
Kenai Peninsula	1015	174	15.4	13.0-18.2	448	6.1	567	25.9
Kodiak	271	29	9.7	6.6-14.1	132	5.1	139	15.2
Valdez-Cordova	208	35	15.2	10.6-21.3	91	6.2	117	23.9

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

*Percentages are weighted based on actual total population statistics.

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

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

	Sample size	Have been hit, hurt, threatened by Intimate Partner	% victim of intimate partner violence *	Confidence Interval 95%	Male		Female	
					Sample Size	% victim of intimate partner violence *	Sample Size	% victim of intimate partner violence *
Statewide Total	**7141**	**1843**	**23.9%**	**22.5-25.4%**	**3293**	**17.2%**	**3848**	**31.0%**
Gulf Coast	**1494**	**422**	**25.3**	**22.9-27.8**	**667**	**15.7**	**827**	**30.3**
Kenai Peninsula	1015	262	23.2	20.3-26.5	443	15.7	572	31.6
Kodiak	271	55	16.2	12.2-21.3	133	7.9	138	26.4
Valdez-Cordova	208	61	27.5	21.1-35.0	91	DSU	117	28.6

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 or confidence interval.

Category 8: Maternal & Child Health

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

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

		1996-2000			2001-2005		
Residence Census	**Rate Type**	**Births**	**Deaths**	**Mortality Rate*** **	**Births**	**Deaths**	**Mortality Rate*** **
Statewide	**Total**	**49,878**	**331**	**6.6**	**50,825**	**338**	**6.7**
	Neonatal		**161**	**3.2**		**157**	**3.1**
	Postneonatal		**170**	**3.4**		**181**	**3.6**
Kenai	Total	3,250	18	**5.5**	3,145	22	**7.0**
	Neonatal		10	**3.1***		9	**
	Postneonatal		8	**		13	**4.1***
Kodiak	Total	1,278	9	**	1,062	7	**
	Neonatal		6	**		4	**
	Postneonatal		3	**		3	**
Valdez-Cordova	Total	667	1	**	648	2	**
	Neonatal		0	-		1	**
	Postneonatal		1	**		1	**
Kenai	Total	3,250	18	**5.5**	3,145	22	**7.0**
	Neonatal		10	**3.1***		9	**
	Postneonatal		8	**		13	**4.1***

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

*Rate: Deaths per 1,000 live births.
* Rates based on fewer than 20 events are statistically unreliable and should be used with caution.
** Rates based on fewer than 10 events are not calculated.
For further information: http://www.hss.state.ak.us/dph/bvs/data/default.htm

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

	Low Birth Weight Births		Adequate Prenatal Care*		Reported Smoking**		Reported Alcohol Use**	
Region/Census Area	**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%**
Gulf Coast	**258**	**5.3%**	**2,952**	**60.8%**	**716**	**14.7%**	**79**	**1.6%**
Kenai Peninsula	145	4.6%	2,009	68.1%	519	16.6%	48	1.5%
Kodiak	71	6.7%	607	59.6%	117	11.1%	12	1.1%
Valdez-Cordova	42	6.6%	336	56.7%	80	12.5%	19	3.0%

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**
Gulf Coast	**74,611**	**17,493**	**50,783**	**6,335**	**0.47**
Kenai Peninsula	51,350	11,464	35,070	4,816	0.46
Kodiak	13,506	3,786	8,939	781	0.51
Valdez-Cordova	9,755	2,243	6,774	738	0.44

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%**
Gulf Coast					
Kenai Peninsula	3,145	62.5	325	30.1	**10.3%**
Kodiak	1,062	73.7	77	29.7	**7.3%**
Valdez-Cordova	648	65.0	54	25.7	**8.3%**

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

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

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

Area	Count		Rate		Average Length of Stay	
	Complications of Pregnancies, Childbirth, and Puerperium	Births Congenital Anomalies and Conditions with Origin in Perinatal Period	Complications of Pregnancies, Childbirth, and Puerperium	Births Congenital Anomalies and Conditions with Origin in Perinatal Period	Complications of Pregnancies, Childbirth, and Puerperium	Births Congenital Anomalies and Conditions with Origin in Perinatal Period
National (2000) ***	**-**	**-**	**18.1**	**166.8**	**2.5**	**3.9**
Statewide (2001-2005)	**44,876**	**42,098**	**138.3**	**129.8**	**2.6**	**3.3**
Gulf Coast	**4,741**	**4,353**	**126.0**	**115.7**	**-**	**-**
Kenai Peninsula	3,163	2,878	123.5	112.4	2.8	3.0
Kodiak	973	894	140.9	129.5	2.3	3.0
Valdez-Cordova	605	581	118.3	113.6	2.2	2.8

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)

		Admissions			Inpatient Days		
Facility	**Location**	**FY2005**	**FY2006**	**% Change**	**FY2005**	**FY2006**	**% Change**
None							
Area Total		**2,087**	**2,193**	**5.1%**	**4,039**	**4,269**	**5.7%**

		Average Daily Patient Load			Average Length of Stay		
Facility	**Location**	**FY2005**	**FY2006**	**% Change**	**FY2005**	**FY2006**	**% Change**

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%**
Gulf Coast	**3081**	**381**	**10.4**	**9.3-11.7**	**1423**	**9.5**	**1658**	**11.5**
Kenai Peninsula	2150	301	12.0	10.5-13.5	979	11.5	1171	12.5
Kodiak	507	32	4.7	3.1-7.1	239	4.0	268	5.6
Valdez-Cordova	424	48	9.8	7.1-13.4	205	6.5	219	13.4

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%**
Gulf Coast	**3,735**	**796**	**21%**	**820**	**22%**	**430**	**12%**
Kenai Peninsula	2,747	589	21%	622	23%	296	11%
Kodiak	497	98	20%	101	20%	60	12%
Valdez-Cordova	491	109	22%	97	20%	74	15%

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**
Gulf Coast	872.5	20.3	66.9	4.4	220.3	172.4
Kenai Peninsula	731.0	12.3*	50.6	**	167.9	163.1
Kodiak	780.8	16.4*	82.4	**	178.1	175.7
Valdez-Cordova	872.5	20.3	66.9	4.4	220.3	172.4

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.

*** 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**
Gulf Coast	**75,261**	**32,642**	**867.4**	-
Kenai Peninsula	51,220	23,897	933.1	4.2
Kodiak	13,811	4,976	720.6	3.5
Valdez-Cordova	10,230	3,769	736.9	4.3

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

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

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

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

Note:

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

Rates are population based, per 10,000 population.

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

Region/Census Area	Circulatory System	Injury or Poisoning	Digestive System	Respiratory System	Musculo-skeletal System	Neoplasm	Symptoms/ Signs	Genito-Urinary
Statewide Total	**27,607**	**23,133**	**22,910**	**18,656**	**13,486**	**11,724**	**11,701**	**11,663**
Gulf Coast	**3,563**	**2,414**	**2,957**	**2,522**	**1,555**	**1,191**	**1,751**	**1,418**
Kenai Peninsula	3,050	2,061	2,460	2,136	1,384	983	1,575	1,205
Kodiak	513	353	497	386	171	208	176	213
Valdez-Cordova	390	372	338	251	190	193	197	180

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.

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**
Gulf Coast	**105.0**	**74.0**	**87.6**	**73.7**	**46.4**	**36.8**	**51.8**	**42.5**
Kenai Peninsula	119.1	80.5	96.1	83.4	54.0	38.4	61.5	47.1
Kodiak	74.3	51.1	72.0	55.9	24.8	30.1	25.5	30.8
Valdez-Cordova	76.2	72.7	66.1	49.1	37.1	37.7	38.5	35.2

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.

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**
Gulf Coast								
Kenai Peninsula	4.6	5.2	4.9	4.8	4.1	5.6	3.1	3.5
Kodiak	4.6	4.0	3.9	4.4	3.5	5.3	2.1	3.2
Valdez-Cordova	5.0	4.9	5.1	5.4	5.3	6.9	2.6	3.6

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

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

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%
Gulf Coast	**69%**	**35%**	**52%**
Native (any mention)	87%	47%	60%
White	49%	15%	55%
All Others	85%	52%	48%

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

		< 1 Year		1 to < 2 Years		2 to < 5 Years		5 or More Years	
	Sample Size	% *	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%**
Gulf Coast	**1591**	**62.0**	**59.1-64.7**	**14.7**	**12.8-16.8**	**12.1**	**10.3-14.1**	**10.8**	**9.1-12.8**
Kenai Peninsula	1103	61.1	57.7-64.4	14.1	11.8-16.7	12.8	10.6-15.3	11.7	9.7-14.2
Kodiak	261	69.5	62.5-75.7	13.9	9.7-19.6	8.6	5.3-13.7	6.9	3.8-12.2
Valdez-Cordova	227	57.3	49.9-64.4	18.5	13.6-24.5	12.5	8.2-18.5	11.0	7.0-17.1

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

*Percentages are weighted based on actual total population statistics.

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

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

		< 1 Year		1 to < 2 Years		2 to < 5 Years		5 or More Years	
	Sample Size	% *	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%**
Gulf Coast	**1470**	**57.1**	**54.1-60.0**	**15.5**	**13.4-17.8**	**13.4**	**11.4-15.6**	**13.0**	**11.1-15.1**
Kenai Peninsula	1020	56.7	53.1-60.2	14.6	12.1-17.4	14.0	11.6-16.7	13.7	11.4-16.3
Kodiak	243	67.6	60.6-73.8	14.8	10.4-20.8	9.4	5.9-14.4	7.0	4.3-11.3
Valdez-Cordova	207	47.2	39.6-54.8	20.3	14.9-26.9	15.0	10.0-21.8	16.4	11.2-23.4

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 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%**
Gulf Coast	**1566**	**57.6**	**54.8-60.4**	**26.0**	**23.7-28.6**	**11.0**	**9.3-12.9**	**5.4**	**4.3-6.6**
Kenai Peninsula	1091	57.6	54.2-61.0	25.7	22.8-28.8	11.5	9.4-13.9	5.3	4.1-6.7
Kodiak	252	57.6	50.7-64.3	25.3	19.8-31.6	11.2	7.7-16.1	5.9	3.2-10.8
Valdez-Cordova	223	57.9	50.5-64.9	28.7	22.5-35.7	8.2	5.2-12.7	5.2	3.0-8.9

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

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 though 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%**
Gulf Coast	**220**	**149**	**67.6**	**60.5-74.0**
Kenai Peninsula	176	121	69.1	61.3-76.0
Kodiak	19	12	DSU	DSU
Valdez-Cordova	25	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 10.040: 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%**
Gulf Coast	**232**	**138**	**61.3**	**54.3-67.9**
Kenai Peninsula	185	109	62.4	54.7-69.6
Kodiak	21	13	DSU	DSU
Valdez-Cordova	26	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

	Chlamydia trachomatis infection	Gonorrhea	Hepatitis C	HIV infection
Total AK 2006	**4528**	**630**	**1174**	**88**
Gulf Coast 2006	197	17	207	3
Total AK 2007	**4911**	**581**	**1141**	**61**
Gulf Coast 2007	207	8	183	0

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

Category 11: Sentinel Events

Definition of Category: Sentinel events are those cases of unnecessary disease, disability, or untimely death that could be avoided if appropriate and timely medical care or preventive services were provided. These include vaccine-preventable illness, late stage cancer diagnosis, and unexpected syndromes or infections. Sentinel events may alert the community to health system problems such as inadequate vaccine coverage, lack of primary care and/or screening, a bioterrorist event, or the introduction of globally transmitted infections.

Table 11.010: Vaccine Preventable Diseases, Reported Cases, State and Regional 2007 Data

	Measles	Mumps	Rubella	Pertussis
Statewide Totals 2006	**0**	**3**	**0**	**91**
Gulf Coast 2006	0	1	0	18
Statewide Totals 2007	**0**	**2**	**0**	**89**
Gulf Coast 2007	0	0	0	15

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

Table 11.020: Number of annual deaths for work-related injuries, as reported to the Alaska Department of Labor and Workforce Development.

	2001	2000	1999	1998	1997
Alaska State Work Related Fatalities	64	54	42	43	52

Source: Deborah Choromanski Hull-Jilly, State of Alaska Epidemiology Bulletin No. 27, November 13, 2002. Alaska Department of Health and Social Services. http://www.epi.hss.state.ak.us/bulletins/docs/b2002_27.pdf

Table 11.030: Unexpected syndromes due to unusual toxins or infectious agents, possibly related to a bioterrorist event (i.e., smallpox, anthrax)