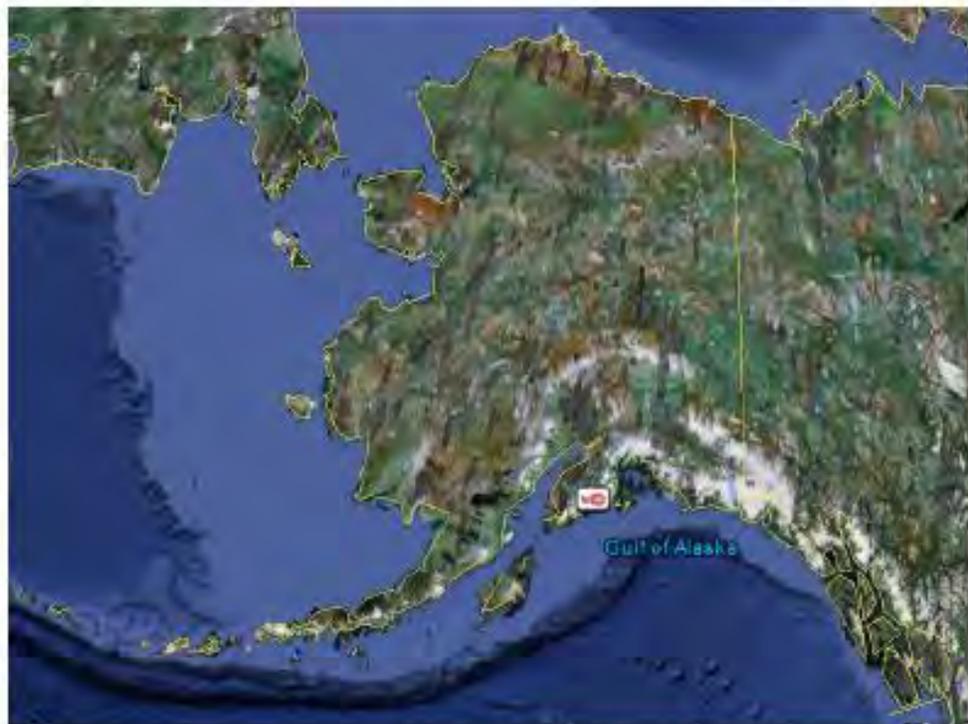


# Community Health Status Assessment Report Anchorage and Mat-Su Valley



**State of Alaska**

**Department of Health and Social Services**

**Division of Public Health**

**Section of Chronic Disease Prevention and Health Promotion**

**Section of Public Health Nursing**

**Section of Health Systems Planning**

**April 2009**

# **Community Health Status Assessment Report**

## **Anchorage/Mat-Su**

Census Area: Anchorage  
Census Area: Matanuska-Susitna

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## Table of Contents

<b>Introduction</b>	<b>5</b>
<b>Category 1: Demographic Characteristics</b>	<b>7</b>
Population	
Ethnicity	
Gender & Age	
Birth Rates	
<b>Category 2: Socioeconomic Characteristics</b>	<b>9</b>
Unemployment Rates	
Household Income	
Poverty	
Special Populations	
Homeless	
Non-English Speaking	
High School Graduation Rates	
Persons without Health Insurance	
<b>Category 3: Health Resource Availability</b>	<b>16</b>
Dentists	
Primary Care	
Hospital Beds	
Population without Primary Care	
<b>Category 4: Quality of Life</b>	<b>25</b>
Satisfaction with Quality-of-Life	
PTA Participation	
Child-Care Facility Openings	
Persons who Vote	
<b>Category 5: Behavioral Risk Factors – Youth and Adult</b>	<b>27</b>
Substance Abuse	
Tobacco	
Illegal drug use	
Alcohol Drinking	
Lifestyle	
Nutrition	
Overweight & Obesity	
Physical Activity	
Seat Belt Use	
Pap Smear	
<b>Category 6: Environmental Factors</b>	<b>32</b>
Air Quality	
Water Quality	
Indoor Clean Air – obtained locally	
Workplace Hazards	
Food Safety	
Fluoridated Water – obtained locally	
Sewage System Contamination	

<b>Category 7: Social &amp; Mental Health</b>	<b>35</b>
Self-Reported Poor Mental Health	
Mental Health Clientele	
Child Abuse & Neglect	
Juvenile Justice	
Homicide Rate	
Suicide Rate	
Domestic Violence	
<b>Category 8: Maternal &amp; Child Health</b>	<b>39</b>
Infant Mortality	
Prenatal Care	
Youth as Population Portion	
Adolescent Pregnancy	
Maternal Risk Factors	
Child Mortality	
<b>Category 9: Death, Illness &amp; Injury</b>	<b>42</b>
General Health Status	
Death Rates	
Cancer Diagnoses	
Dental Health	
<b>Category 10: Communicable Disease</b>	<b>46</b>
Vaccinations of 2 yr-olds	
Immunization of Elders for Pneumonia	
Immunization of Elders for Influenza	
Infectious Disease Rates	
<b>Category 11: Sentinel Events</b>	<b>48</b>
Vaccine-Preventable Disease	
Other – Possible Unusual Trends	

## 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
<b>Statewide Total</b>	<b>550,043</b>	<b>626,931</b>	<b>656,834</b>	<b>663,253</b>	<b>670,053</b>	<b>6,800</b>	<b>1.0%</b>
<b>Anchorage/Mat-Su</b>	<b>266,021</b>	<b>319,605</b>	<b>348,028</b>	<b>351,991</b>	<b>359,987</b>	<b>7,996</b>	<b>2.3%</b>
Anchorage	226,338	260,283	277,627	277,980	282,813	4,833	1.7%
Matanuska-Susitna	39,683	59,322	70,401	74,011	77,174	3,163	4.3%

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
<b>Statewide Total</b>	<b>670,053</b>	<b>171,916</b>	<b>452,725</b>	<b>45,412</b>	<b>0.48</b>
<b>Anchorage/Mat-Su</b>	<b>359,987</b>	<b>92,102</b>	<b>244,999</b>	<b>22,886</b>	<b>0.47</b>
Anchorage	282,813	72,183	193,083	17,547	0.46
Matanuska-Susitna	77,174	19,919	51,916	5,339	0.49

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

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

Region/Census Area	Racial Composition (bridged series *)					Ethnicity
	Total	White	Native American	African American	Asian & Pacific Islander	Hispanic Origin or Latino (any race)
<b>Statewide Totals</b>	<b>663,661</b>	<b>484,673</b>	<b>117,743</b>	<b>25,970</b>	<b>35,275</b>	<b>26,413</b>
<b>Anchorage/Mat-Su</b>	<b>352,282</b>	<b>277,957</b>	<b>35,132</b>	<b>17,899</b>	<b>21,294</b>	<b>16,537</b>
Matanuska-Susitna		74,041	63,907	6,553	1,580	2,227
Anchorage		278,241	214,050	28,579	16,319	14,310

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

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

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

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

Region/Census Area	Total Land Area	Population	Population per Square Mile	Housing Units	Housing Units per Square Mile	Average Household Size
<b>Statewide Total</b>	<b>571,951</b>	<b>626,932</b>	<b>1.1</b>	<b>260,978</b>	<b>0.5</b>	<b>2.74</b>
<b>Anchorage/Mat-Su</b>	<b>26,379</b>	<b>319,605</b>	<b>12.1</b>	<b>127,697</b>	<b>4.8</b>	<b>2.70</b>
Anchorage	1,697	260,283	153.4	100,368	59.1	2.67
Matanuska-Susitna	24,682	59,322	2.4	27,329	1.1	2.84

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

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

Region/Census Area	2000 Population 65 and Over			2006 Population 65 and Over			Change in Total Population 2000-2006	% Change Total Population on 2000-2006
	Total Population	Male	Female	Total Population	Male	Female		
<b>Statewide Total</b>	<b>35,699</b>	<b>16,724</b>	<b>18,975</b>	<b>45,412</b>	<b>21,817</b>	<b>23,595</b>	<b>9,713</b>	<b>27%</b>
<b>Anchorage/Mat-Su</b>	<b>17,742</b>	<b>8,015</b>	<b>9,727</b>	<b>22,886</b>	<b>10,554</b>	<b>12,332</b>	<b>5,144</b>	<b>29%</b>
Anchorage	14,242	6,268	7,974	17,547	7,865	9,682	3,305	23%
Matanuska-Susitna	3,500	1,747	1,753	5,339	2,689	2,650	1,839	53%

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)**
<b>Statewide</b>	<b>50,825</b>	<b>72.4</b>	<b>5,286</b>	<b>41.0</b>	<b>10.4%</b>
<b>Anchorage/Mat-Su</b>					
Anchorage	21,212	68.6	2,020	39.6	9.5%
Matanuska-Susitna	4,686	65.5	453	30.4	9.7%

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

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

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

## Category 2: Socioeconomic Characteristics

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

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

Region/Census Area	Total Households	Less than \$10,000	\$10,000-24,999	Total Less than \$25,000	% Less than \$25,000	\$25,000-39,999	\$40,000-59,999	\$60,000-124,999	\$125,000 or More	% \$125,000 or More
<b>Statewide Total</b>	<b>221,804</b>	<b>12,458</b>	<b>33,912</b>	<b>46,370</b>	<b>21%</b>	<b>37,041</b>	<b>44,977</b>	<b>74,760</b>	<b>18,656</b>	<b>8%</b>
<b>Anchorage/Mat-Su</b>	<b>115,632</b>	<b>5,346</b>	<b>15,922</b>	<b>21,268</b>	<b>18%</b>	<b>18,782</b>	<b>23,505</b>	<b>40,783</b>	<b>11,294</b>	<b>10%</b>
Anchorage	95,080	3,948	12,710	16,658	18%	15,369	19,348	33,819	9,886	10%
Matanuska-Susitna	20,552	1,398	3,212	4,610	22%	3,413	4,157	6,964	1,408	7%

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](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
<b>Alaska</b>	<b>\$22,660</b>	<b>\$29,867</b>	<b>\$33,023</b>	<b>\$34,000</b>	<b>3%</b>
<b>Anchorage/Mat-Su</b>					
Anchorage	25,287	33,697	37,701	39,080	4%
Matanuska-Susitna	21,105	25,902	28,962	29,376	1%

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

\*Per Capita Income

Frequency: Every 10 years

Time series: Every Census since 1790

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

\*\*Per Capita Personal Income (PCPI)

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

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

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

For further information:

[http://factfinder.Census.gov/servlet/DTGeoSearchByListServlet?ds\\_name=DEC\\_2000\\_SF3\\_U&lang=en&ts=199820896828](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
<b>Statewide</b>	190,507	401,332	35,093			13.12%
<b>Anchorage/Mat-Su</b>	94,731	207,555	17,319	.54	\$24,511	11.18%
Anchorage	75,638	170,791	13,854	.52	\$25,287	10.33%
Matanuska-Susitna	19,093	36,764	3,465	.61	\$21,105	14.88%

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](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**
<b>Statewide Total</b>	612,961	80,405	156,945	13%	26%
<b>Anchorage/Mat-Su</b>	312,594	34,947	69,447	11%	22%
Anchorage	254,273	26,270	54,363	10%	21%
Matanuska-Susitna	58,321	8,677	15,084	15%	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](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
<b>Statewide Total</b>	186,793	11,116	20,156	31,272	17%
<b>Anchorage/Mat-Su</b>	92,694	4,886	8,299	13,185	14%
Anchorage	73,953	3,667	6,013	9,680	13%
Matanuska-Susitna	18,741	1,219	2,286	3,505	19%

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](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
<b>Statewide</b>	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%
<b>Anchorage/Mat-Su</b>	Local	127,523	131,817	135,249	136,583	138,992	2,409	1.8%
	Other Alaska Resident	19,331	21,848	21,449	20,529	19,377	-1,152	-5.6%
	Non-Resident	22,050	24,757	24,844	24,082	23,707	-375	-1.6%
Anchorage	Local	113,010	116,725	119,314	119,583	121,165	1,582	1.3%
	Other Alaska Resident	17,600	20,024	19,399	17,821	16,540	-1,281	-7.2%
	Non-Resident	20,245	22,526	22,325	21,472	21,008	-464	-2.2%
Matanuska-Susitna	Local	14,513	15,092	15,935	17,000	17,827	827	4.9%
	Other Alaska Resident	1,731	1,824	2,050	2,708	2,837	129	4.8%
	Non-Resident	1,805	2,231	2,519	2,610	2,699	89	3.4%

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
<b>Statewide Total</b>	8.7	7.7	8.0	7.0	6.5	5.9
<b>Anchorage/Mat-Su</b>						
Anchorage	6.5	6.5	5.9	6.1	5.7	5.1
Matanuska-Susitna	10	9.8	8.7	7.6	6.9	6.4

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

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

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

Region/Census Area	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Statewide Total</b>	8.0	8.3	7.5	7.1	6.4	6.7	5.9	5.8	6.0	6.0	6.7	6.9
<b>Anchorage/Mat-Su</b>												
Anchorage	5.9	6.2	5.7	5.6	5.2	5.6	5.1	5.1	5.2	4.7	5.1	5.1
Matanuska-Susitna	8.7	9.0	8.3	7.4	6.5	6.7	6.4	6.3	6.2	5.9	7.3	7.7

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
<b>Total Homeless</b>	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%
<b>Percent of Homeless with Disability</b>	<b>29%</b>	<b>37%</b>	<b>29%</b>	<b>27%</b>	<b>35%</b>	<b>29%</b>	<b>31%</b>	<b>25%</b>	

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](http://www.ahfc.state.ak.us/grants/homeless_survey_reports.cfm)

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

Region/Census Area	Total Population, 5 Years and Older	English		Other Language	
		English	% English	Other Language	% Other Language
<b>Statewide Total</b>	<b>579,740</b>	<b>496,982</b>	<b>86%</b>	<b>82,758</b>	<b>14%</b>
<b>Anchorage/Mat-Su</b>	<b>295,797</b>	<b>260,175</b>	<b>88%</b>	<b>35,622</b>	<b>12%</b>
Anchorage	240,627	207,818	86%	32,809	14%
Matanuska-Susitna	55,170	52,357	95%	2,813	5%

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](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				Total
	Tagalog	Alaska Native	Other		
<b>Statewide Total</b>	16,674	8,936	30,121	27,027	82,758
<b>Anchorage/Mat-Su</b>	10,414	3,662	3,707	17,839	35,622
Anchorage	9,580	3,576	3,325	16,328	32,809
Matanuska-Susitna	834	86	382	1,511	2,813

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](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		Confidence Interval 95%	Male		Female	
		Limited	% Limited *		Sample	% Limited *	Sample	% Limited *
<b>Statewide Total</b>	<b>7,361</b>	<b>1580</b>	<b>20.4%</b>	<b>19.1-21.8%</b>	<b>3342</b>	<b>20.5%</b>	<b>4019</b>	<b>20.3%</b>
<b>Anchorage/Mat-Su</b>	<b>1592</b>	<b>359</b>	<b>21.4%</b>	<b>19.2-23.9%</b>	<b>652</b>	<b>22.7%</b>	<b>940</b>	<b>20.2%</b>
Anchorage	1227	267	20.8%	18.3-23.5%	504	21.6%	723	19.9%
Matanuska-Susitna	365	92	23.6%	18.9-29.1%	148	26.1%	217	21.2%

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

\*Percentages are weighted based on actual total population statistics.

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

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

Region	Sample size	Equipment Use	% Use *	Confidence Interval 95%	Male		Female	
					Sample	% Use *	Sample	% Use *
<b>Statewide Total</b>	<b>7,427</b>	<b>495</b>	<b>6.2%</b>	<b>5.4-7.0%</b>	<b>3373</b>	<b>6.3%</b>	<b>4054</b>	<b>6.0</b>
<b>Anchorage/Mat-Su</b>	<b>1602</b>	<b>115</b>	<b>6.8%</b>	<b>5.5-8.3%</b>	<b>660</b>	<b>7.0%</b>	<b>942</b>	<b>5.0%</b>
Anchorage	1234	84	6.7%	5.3-8.6%	510	6.9%	724	6.6%
Matanuska-Susitna	368	31	6.9%	4.7-10.1%	150	7.3%	218	6.5%

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

\*Percentages are weighted based on actual total population statistics.

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

**Table 2.140: Disabilities—Division of Senior and Disability Service Participation by HCB Waiver 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
<b>Total Cases</b>	<b>1,123</b>	<b>841</b>	<b>181</b>	<b>960</b>	<b>3,105</b>
<b>Anchorage/Mat-Su</b>	<b>686</b>	<b>538</b>	<b>89</b>	<b>550</b>	<b>1,863</b>
Anchorage	531	427	69	469	1,496
Matanuska-Susitna	155	111	20	81	367

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

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

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

Region/Census Area*	Older Alaskans Waiver	DSDS Senior Grants	Adult Physical Disability Waiver	Total
<b>Statewide</b>	<b>1,342</b>	<b>11,199</b>	<b>952</b>	<b>13,493</b>
<b>Anchorage/Mat-Su</b>	<b>876</b>	<b>5,074</b>	<b>636</b>	<b>6,586</b>
Anchorage	206	1,675	128	2,009
Matanuska-Susitna	670	3,399	508	4,577

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	% * High School Graduate	Some College	Associate Degree	Bachelor's Degree	Master's Degree	Professional School Degree	Doctorate Degree	% * Receiving College Degree
<b>Statewide Total</b>	<b>195,676</b>	<b>12%</b>	<b>29%</b>	<b>54,632</b>	<b>13,528</b>	<b>29,549</b>	<b>11,252</b>	<b>4,235</b>	<b>2,114</b>	<b>31%</b>
<b>Anchorage/Mat-Su</b>	<b>98,835</b>	<b>10%</b>	<b>26%</b>	<b>28,572</b>	<b>7,664</b>	<b>16,709</b>	<b>6,459</b>	<b>2,688</b>	<b>985</b>	<b>35%</b>
Anchorage	80,298	9%	25%	23,269	6,048	14,781	5,567	2,436	897	37%
Matanuska-Susitna	18,537	12%	33%	5,303	1,616	1,928	892	252	88	26%

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.

**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	%* High School Graduate	Some College	Associate Degree	Bachelor's Degree	Master's Degree	Professional School Degree	Doctorate Degree	%* Receiving College Degree
<b>Statewide Total</b>	183,880	12%	26%	53,810	13,685	31,647	11,333	2,503	1,174	33%
<b>Anchorage/Mat-Su</b>	96,817	10%	25%	28,822	8,143	17,594	6,344	1,372	613	35%
Anchorage	79,633	10%	24%	23,520	6,591	15,084	5,600	1,296	579	37%
Matanuska-Susitna	17,184	11%	29%	5,302	1,552	2,510	744	76	34	29%

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+	Bachelor's Degree or More	% of Population 25+	Bachelor's Degree or More	% of Population 25+
<b>Statewide</b>	324,528	85.8	379,022	86.8	76,778	20.3	96,080	22.0
<b>Anchorage Mat-Su</b>	165,343	89.0	198,654	88.3	42,189	22.7	53,945	24.0
Anchorage	142,944	89.4	164,059	88.9	37,887	23.7	47,327	25.6
Matanuska-Susitna	22,399	86.4	34,595	86.0	4,302	16.6	6,618	16.5

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

\*%age represents the highest level of educational attainment.

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

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

	Sample Size	Number with Health care Coverage	% with Health care Coverage *	Confidence Interval 95%	Male		Female	
					Sample Size	% with Healthcare Coverage *	Sample Size	% with Healthcare Coverage *
<b>Statewide Total</b>	15,010	12,439	82.3%	81.4-83.3%	6851	81.9%	8159	82.9%
<b>Anchorage Mat-Su</b>	3172	2699	83.6%	81.9-85.2%	1365	83.8%	1807	83.5%
Anchorage	2413	2100	85.9%	84.0-87.5%	1039	85.8%	1374	85.9%
Matanuska-Susitna	759	599	76.7%	72.7-80.2%	326	77.2%	433	76.1%

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	
<b>Statewide (excludes out-of-state)</b>	<b>95,834</b>	<b>91,117</b>	<b>13.6%</b>
<b>Anchorage/Matsu</b>	<b>46,221</b>	<b>44,282</b>	<b>12.3%</b>
Anchorage Borough	34,148	32,611	11.5%
Matanuska-Susitna Borough	12,073	11,671	15.1%

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%	
<b>Region</b>				
Anchorage/Mat Su	19,466	4,880	24,346	20%
<b>Total (2003)</b>	<b>39,038</b>	<b>8,711</b>	<b>47,749</b>	<b>18%</b>

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
<b>Statewide Totals</b>	<b>1,434</b>	<b>111</b>	<b>284</b>	<b>1,829</b>
<b>Anchorage/Mat-Su</b>	<b>945</b>	<b>69</b>	<b>136</b>	<b>1,150</b>
Anchorage	853	55	112	1,020
Matanuska-Susitna	92	14	24	130

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
<b>Statewide Total</b>	<b>1,316</b>	<b>100%</b>	<b>-</b>	<b>-</b>
<b>Anchorage/Mat-Su</b>				
Anchorage	787	60%	41%	42%
Matanuska-Susitna	83	6%	49%	11%

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
<b>Statewide Totals</b>	<b>450</b>	<b>284</b>	<b>734</b>
<b>Anchorage/Mat-Su</b>	<b>305</b>	<b>136</b>	<b>441</b>
Matanuska-Susitna	47	24	71
Anchorage	258	112	370

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: 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
<b>Statewide Totals</b>	<b>450</b>	<b>5,796</b>	<b>686</b>	<b>2,520</b>
<b>Anchorage/Mat-Su</b>	<b>305</b>	<b>3,702</b>	<b>381</b>	<b>1,156</b>
Anchorage	258	2,968	292	845
Matanuska-Susitna	47	734	89	311

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
<b>Statewide Totals</b>	<b>10.06</b>	<b>111.65</b>	<b>18.5</b>	<b>9</b>	<b>23</b>	<b>172.21</b>
<b>Anchorage/Mat-Su</b>	<b>4.5</b>	<b>25.15</b>	<b>9</b>	<b>6</b>	<b>10</b>	<b>54.65</b>
Anchorage	2.5	14.15	7	6	9	38.65
SOA Employees	0	5	0	6	4	15
Muni Employees**	2.5	9.15	7	0	5	23.65
Matanuska-Susitna	2	11	2	0	1	16

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

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

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

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

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

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

Region/Census Area	Total Male 16 and Over Employed Population	Community and Social Services Occupations	Health Care Practitioners and Technical Occupations	Health Diagnosing and Treating Practitioners and Technical Occupations	Health Technologists and Technicians	Health Care Support Occupations	Total Health Care Occupations Employment
<b>Statewide Total</b>	<b>149,034</b>	<b>2,521</b>	<b>3,383</b>	<b>2,613</b>	<b>770</b>	<b>707</b>	<b>9,994</b>
<b>Anchorage/Mat-Su</b>	<b>79,410</b>	<b>1,301</b>	<b>2,007</b>	<b>1,510</b>	<b>497</b>	<b>395</b>	<b>5,710</b>
Anchorage	65,599	1,133	1,690	1,322	368	349	4,862
Matanuska-Susitna	13,811	168	317	188	129	46	848

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](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
<b>Statewide Total</b>	132,498	3,423	8,368	6,102	2,266	4,070	24,229
<b>Anchorage/Mat-Su</b>	71,308	1,641	5,157	3,736	1,421	1,993	13,948
Anchorage	60,138	1,346	4,359	3,148	1,211	1,590	11,654
Matanuska-Susitna	11,170	295	798	588	210	403	2,294

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](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
<b>Statewide Total</b>	21	141	3	31	105
<b>Anchorage/Mat-Su</b>	11	76	3	19	63
Anchorage	6	68	2	17	59
Matanuska-Susitna	5	8	1	2	4

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
<b>Statewide Totals</b>	200	201	12	398	42	135	15
<b>Anchorage/Mat-Su</b>	124	130	9	246	28	81	5
Anchorage	100	110	8	207	20	76	2
Matanuska-Susitna	24	20	1	39	8	5	3

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
<b>Statewide Total</b>	<b>24</b>	<b>37</b>	<b>54</b>	<b>45</b>	<b>251</b>	<b>411</b>
<b>Anchorage/Mat-Su</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>
Anchorage	-	-	-	-	2	2
Matanuska-Susitna	-	-	-	-	-	-

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 Diomedé 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
<b>Statewide Total</b>	<b>421</b>	<b>23</b>	<b>958</b>	<b>1,402</b>
<b>Anchorage-Mat-Su</b>	<b>244</b>	<b>14</b>	<b>594</b>	<b>852</b>
Anchorage	204	10	476	690
Matanuska-Susitna	40	4	118	162

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
<b>Statewide Totals</b>	<b>313</b>	<b>1,847</b>	<b>622</b>	<b>690</b>	<b>3,472</b>
<b>Anchorage/Mat-Su</b>	<b>182</b>	<b>700</b>	<b>226</b>	<b>233</b>	<b>1,341</b>
Anchorage	128	575	149	185	1,037
Matanuska-Susitna	54	125	77	48	304

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

Note: Licensure data include only active, unrestricted licenses.

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

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

Region/Census Area	Psychiatrists	Clinical Psychologists	Psychological Associates	Professional Counselors	Marriage & Family Therapists	License Totals
<b>Statewide Totals</b>	<b>63</b>	<b>138</b>	<b>46</b>	<b>356</b>	<b>78</b>	<b>681</b>
<b>Anchorage/Mat-Su</b>	<b>45</b>	<b>88</b>	<b>33</b>	<b>195</b>	<b>56</b>	<b>417</b>
Anchorage	43	82	28	156	50	316
Matanuska-Susitna	2	6	5	39	6	56

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
<b>Statewide Totals</b>	<b>63</b>	<b>324</b>	<b>59</b>	<b>446</b>
<b>Anchorage/Mat-Su</b>	<b>35</b>	<b>162</b>	<b>26</b>	<b>223</b>
Anchorage	27	143	16	186
Matanuska-Susitna	8	19	10	37

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
<b>Statewide Total</b>	<b>132</b>	<b>151</b>	<b>5</b>	<b>41</b>	<b>12</b>	<b>341</b>
<b>Anchorage-Mat-Su</b>	<b>65</b>	<b>65</b>	<b>3</b>	<b>19</b>	<b>6</b>	<b>158</b>
Anchorage	47	60	2	16	4	129
Matanuska-Susitna	18	5	1	3	2	29

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
<b>Statewide Totals</b>	<b>467</b>	<b>409</b>	<b>10</b>	<b>12</b>	<b>8</b>
<b>Anchorage/Mat-Su</b>	<b>278</b>	<b>268</b>	<b>0</b>	<b>0</b>	<b>0</b>
Anchorage	242	213	0	0	0
Matanuska-Susitna	36	55	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 *
<b>Statewide Total</b>	<b>7374</b>	<b>4202</b>	<b>57%</b>	<b>55.3-58.7%</b>	<b>3353</b>	<b>50.0%</b>	<b>4021</b>	<b>64.6%</b>
<b>Anchorage/Mat-Su</b>	<b>1598</b>	<b>1025</b>	<b>61.2%</b>	<b>58.2-64.0%</b>	<b>661</b>	<b>55.0%</b>	<b>937</b>	<b>67.6%</b>
Anchorage	1232	809	61.8%	58.4-65.0%	511	54.8%	721	69.0%
Matanuska-Susitna	366	216	59.2%	53.1-65.0%	150	55.8%	216	62.8%

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 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 *
<b>Statewide Total</b>	<b>7432</b>	<b>1137</b>	<b>14.6%</b>	<b>13.4-15.8%</b>	<b>3379</b>	<b>11.9%</b>	<b>4053</b>	<b>17.5%</b>
<b>Anchorage/Mat-Su</b>	<b>1601</b>	<b>239</b>	<b>14.0%</b>	<b>12.1-16.2%</b>	<b>658</b>	<b>10.9%</b>	<b>943</b>	<b>17.2%</b>
Anchorage	1234	167	12.7%	10.6-15.0%	508	10.3%	726	15.1%
Matanuska-Susitna	367	72	18.4%	14.1-23.8%	150	12.9%	217	24.1%

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

Region/Census Area	Provider Agency	Year	Site Count Totals
<b>Anchorage/Mat-Su</b>			
<b>Anchorage</b>			
Anchorage (homeless shelters, 11 sites)	Anchorage Neighborhood Health Center	-	11
Fairview	Anchorage Neighborhood Health Center	1974	1
Mountain View	Anchorage Neighborhood Health Center	1974	1
<b>Matanuska-Susitna</b>			
Talkeetna	Sunshine Community Health Center	1998	1
Wasilla	Mat-Su Health Services	2005	1
Willow	Sunshine Community Health Center	1998	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](http://www.hss.state.ak.us/pdf/HC_Sites_Dir_feb06.pdf)

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

Region/Census Area	Total Ambulatory			Primary Care Provider Visits		
	FY 2005	FY 2006	% Change	FY 2005	FY 2006	% Change
<b>Statewide</b>	<b>1,433,272</b>	<b>1,465,308</b>	<b>2.2%</b>	<b>781,426</b>	<b>770,054</b>	<b>-1.5%</b>
<b>Anchorage/Mat-Su</b>						
<b>Anchorage Service Unit</b>	<b>645,468</b>	<b>675,097</b>	<b>4.6%</b>	<b>397,405</b>	<b>386,226</b>	<b>-2.8%</b>
Adak Medical Center	461	595	29.1%	435	508	16.8%
Akutan Health Center	1,093	750	-31.4%	754	569	-24.5%
Alaska Native Medical Center	550,555	608,961	10.6%	310,995	338,971	9.0%
Dena'ina Health Clinic	12,959	8,001	-38.3%	12,959	8,001	-38.3%
King Cove Health Center	3,043	2,845	-6.5%	2,096	1,966	-6.2%
Ilanka Health Center (Cordova)	1,393	1,059	-24.0%	1,304	1,012	-22.4%
Ninilchik Community Clinic	1,065	812	-23.8%	1,065	812	-23.8%
Sand Point Health Center	4,732	3,982	-15.9%	3,425	2,990	-12.7%
Seward North Star Health Clinic	4,577	4,084	-10.8%	4,132	3,580	-13.4%
St. George Health Center	1,067	613	-42.6%	1,052	573	-45.5%
St. Paul Health Center	4,139	2,594	-37.3%	4,139	2,594	-37.3%
McGrath Health Center	1,714	1,703	-0.6%	1,714	1,639	-4.4%

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
<b>Statewide</b>	<b>252,351</b>	<b>526</b>	<b>21,171</b>	<b>19,043</b>	<b>0</b>	<b>260,281</b>
<b>Anchorage/Mat-Su</b>						
Chickaloon	74	0	0	24	0	80

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
<b>Statewide</b>	<b>99,783</b>	<b>98,354</b>	<b>-1.4%</b>
<b>Anchorage/Mat-Su</b>			
<b>Anchorage Service Unit</b>	<b>38,919</b>	<b>35,967</b>	<b>-7.6%</b>
Alaska Native Medical Center	38,407	35,745	-6.9%
Eastern Aleutian Tribes	512	222	-56.6%

Source: Hall, Richard, and Leach, Diane. (2007). Personal communication (6/2007), re: ATHS Statistical Summary of Workload, FFY 2006. Alaska Native Tribal Health Consortium, Division of Information Technology. Data from HSA-202 Monthly Report.  
 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
<b>Statewide Totals</b>		<b>2,417</b>	<b>1,101</b>	<b>98</b>		
<b>General Acute Care Hospitals</b>		<b>1,169</b>	<b>1,056</b>	<b>68</b>		
Alaska Regional Hospital	-	250	250	-	(1)	Anchorage
Providence Alaska Medical Center	-	326	326	-	(1)	Anchorage
Mat-Su Regional Medical Center	-	74	74	4	(1)	Palmer
Mat-Su Regional Outpatient Center	-	-	-	-	-	Wasilla
<b>Specialized Hospitals</b>		<b>154</b>				
Alaska Psychiatric Institute	Psych	80	-	-	(1)	Anchorage
North Star Hospital	Psych	74	-	-	(1)	Anchorage
<b>PHS-ANH Hospitals</b>		<b>302</b>	<b>-</b>	<b>7</b>		
Alaska Native Medical Center	-	156	-	-	(1)	Anchorage
<b>Nursing Facilities</b>		<b>708</b>				
Mary Conrad Center	-	90	-	-	-	Anchorage
Providence Extended Care Center (PECC)	-	224	-	-	-	Anchorage

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-%20.pdf>

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

<b>Staffed Hospital Bed Utilization Report*</b>					
Facility	Location	Staffed Beds	Average Daily Census	Peak Census	
Alaska Native Medical Center	Anchorage	150	83.0	98	

**Inpatient Activity, Excluding Newborns**

Facility	Admissions			Inpatient Days		
	FY 2005	FY 2006	% Change	FY 2005	FY 2006	% Change
Alaska Native Medical Center	5,630	6,459	14.7%	32,186	35,462	10.2%

Facility	Average Daily Patient Load			Average Length of Stay		
	FY 2005	FY 2006	% Change	FY 2005	FY 2006	% Change
Alaska Native Medical Center	88.2	97.2	10.2%	5.7	5.5	-4.0%

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.





## 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 *
<b>Statewide Total</b>	<b>15,009</b>	<b>23.4%</b>	<b>26.5%</b>	<b>50.0%</b>	<b>26.0%</b>	<b>28.7%</b>	<b>45.4%</b>	<b>20.7%</b>	<b>24.2%</b>	<b>55.1%</b>
<b>Anchorage/Mat-Su</b>	<b>3159</b>	<b>21.7%</b>	<b>26.3%</b>	<b>52.0</b>	<b>23.5</b>	<b>28.4%</b>	<b>48.1%</b>	<b>19.8%</b>	<b>24.2</b>	<b>56.0%</b>
Anchorage	2403	19.2%	25.5%	55.3%	21.1	27.2%	51.7%	17.3	23.8%	58.9%
Matanuska-Susitna	756	29.3%	28.7%	42.0%	31.1	32.2%	36.7%	27.5	25.2%	47.2%

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

\*Percentages are weighted based on actual total population statistics.

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

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

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

\* Numbers Rounded to nearest thousand

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

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

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

	Total Sample Size	At risk for "Binge Drinking"	% of population at risk for Binge Drinking**	Confidence Interval 95%	Male		Female	
					Sample Size	%at risk for binge drinking **	Sample Size	%at risk for binge drinking **
<b>Statewide Total</b>	<b>7285</b>	<b>1203</b>	<b>%17.8</b>	<b>%16.4-19.3</b>	<b>3292</b>	<b>23.9%</b>	<b>3993</b>	<b>11.4%</b>
<b>Anchorage/Mat-Su</b>	<b>1580</b>	<b>235</b>	<b>17.3%</b>	<b>15.0-19.8%</b>	<b>650</b>	<b>22.8%</b>	<b>930</b>	<b>11.7%</b>
Anchorage	1216	199	18.8%	16.1-21.8%	501	25.4%	715	12.0%
Matanuska-Susitna	364	36	12.5%	8.6-17.7%	149	14.3%	215	10.6%

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

\* 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

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

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

	Total Sample Size	At risk for "Heavy Drinking"	% of population at risk for Heavy Drinking**	Confidence Interval 95%	Male		Female	
					Sample Size	%at risk for Heavy Drinking **	Sample Size	%at risk for Heavy Drinking **
<b>Statewide Total</b>	<b>7205</b>	<b>424</b>	<b>5.8%</b>	<b>5.0-6.7%</b>	<b>3248</b>	<b>6.7%</b>	<b>3957</b>	<b>4.8%</b>
<b>Anchorage/Mat-Su</b>	<b>1576</b>	<b>86</b>	<b>5.6%</b>	<b>4.4-7.1%</b>	<b>646</b>	<b>6.6%</b>	<b>930</b>	<b>3.3%</b>
Anchorage	1213	69	6.1%	4.6-8.0%	498	7.4%	715	4.7%
Matanuska-Susitna	363	17	3.9%	2.3-6.7%	148	3.8%	215	4.1%

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>

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

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

	Total Sample Size	Consume less than 5 F&V per day	% of population Consume less than 5 F&V per day *	Confidence Interval 95%	Male		Female	
					Sample Size	% Consume less than 5 F&V per day *	Sample Size	% Consume less than 5 F&V per day *
<b>Statewide Total</b>	<b>7807</b>	<b>5957</b>	<b>75.9%</b>	<b>74.4-77.3%</b>	<b>3557</b>	<b>81.2%</b>	<b>4250</b>	<b>72.3%</b>
<b>Anchorage/Mat-Su</b>	<b>1634</b>	<b>1197</b>	<b>74.7%</b>	<b>72.2-77.1%</b>	<b>675</b>	<b>81.3%</b>	<b>959</b>	<b>68.1%</b>
Anchorage	1248	919	75.2%	72.3-75.2%	520	80.9%	728	69.3%
Matanuska-Susitna	386	278	73.3%	68.0-77.9%	155	82.4%	231	64.4%

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

	Total Sample Size	Over-weight	% of population Overweight*	Obese	% of population Obese *	Male			Female		
						Sample Size	% Over weight	% Obese	Sample Size	% Over weight	% Obese
<b>Statewide Total</b>	<b>14528</b>	<b>5530</b>	<b>38.4%</b>	<b>4030</b>	<b>26.4%</b>	<b>6811</b>	<b>46.5%</b>	<b>25.8%</b>	<b>7717</b>	<b>29.3%</b>	<b>27.0%</b>
<b>Anchorage /Mat-Su</b>	<b>3064</b>	<b>1149</b>	<b>38.2%</b>	<b>817</b>	<b>26.4%</b>	<b>1342</b>	<b>47.4%</b>	<b>26.5%</b>	<b>1722</b>	<b>28.4%</b>	<b>26.4%</b>
Anchorage	2332	833	38.9%	605	25.6%	1020	49.0%	25.5%	1312	28.1%	25.7%
Matanuska-Susitna	732	266	35.9%	212	29.1%	322	42.1%	29.6%	410	29.4%	28.6%

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

\*Percentages are weighted based on actual total population statistics.

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

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

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

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

	Total Sample Size	Report no Leisure exercise in past 30 days	% Report no Leisure exercise in past 30 days *	Confidence Interval 95%	Male		Female	
					Sample Size	% Report no Leisure exercise in past 30 days *	Sample Size	% Report no Leisure exercise in past 30 days *
<b>Statewide Total</b>	10402	2370	21.1%	19.9-22.4%	4771	18.2%	5631	22.4%
<b>Anchorage/Mat-Su</b>	2201	458	20.0%	18.0-22.2%	927	18.5%	1274	21.6%
Anchorage	1685	341	19.3%	17.1-21.8%	706	17.2%	979	21.6%
Matanuska-Susitna	516	117	22.2%	18.1-26.9%	221	22.6%	295	21.8%

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

	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
<b>Seat Belt Use</b> (% 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](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](http://hss.state.ak.us/das/budget/pdfs/DHSS_FY08_OVERVIEW_FINAL_01-25-07.pdf)

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

All Vehicles	2008	2007	2006	2005	2004	2003	2002
<b>All Regions</b>							
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	<b>0.849</b>	<b>0.824</b>	<b>0.832</b>	<b>0.784</b>	0.767	0.789	0.658
<b>Anchorage</b>							
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	<b>0.865</b>	<b>0.833</b>	<b>0.846</b>	<b>0.812</b>	0.804	0.817	0.685
<b>Fairbanks</b>							
Drivers Belted	0.841	0.822	0.820	0.738	0.692	0.772	0.627
Passengers Belted	0.783	0.797	0.755	0.675	0.658	0.737	0.594
Share of Occupants	<b>0.828</b>	<b>0.817</b>	<b>0.807</b>	<b>0.724</b>	0.684	0.764	0.619
<b>Juneau</b>							
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	<b>0.815</b>	<b>0.770</b>	<b>0.745</b>	<b>0.833</b>	0.730	0.709	0.638
<b>Kenai/Soldotna</b>							
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	<b>0.745</b>	<b>0.726</b>	<b>0.793</b>	<b>0.777</b>	0.778	0.669	0.558
<b>Mat-Su</b>							
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	<b>0.826</b>	<b>0.826</b>	<b>0.809</b>	<b>0.716</b>	0.759	0.658	0.549

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

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

	Sample size	Report having a Pap test in past 3 years	% Pap test in past 3 years *	Confidence Interval 95%
<b>Statewide Total</b>	<b>3183</b>	<b>2835</b>	<b>88.7%</b>	<b>86.9-90.4%</b>
<b>Anchorage/Mat-Su</b>	<b>662</b>	<b>596</b>	<b>88.9%</b>	<b>85.5-91.6%</b>
Anchorage	526	474	89.0%	85.1-92.0%
Matanuska-Susitna	136	122	88.5%	80.5-93.5%

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

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

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

\*Percentages represent weighted data

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

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

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

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

Note: Percentages represent weighted data

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

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

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

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

Note: Percentages represent weighted data

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

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

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

Note: Percentages represent weighted data

## Category 6: Environmental Health

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

**Table 6.010: Air Quality Index Report – Air Data, EPA 2008**

	Good	Moderate	Unhealthy for Sensitive Groups	Unhealthy	Total Days AQI Measured
Anchorage	204	10	0	0	214
Mat-Su	51	5	1	0	57

\*\*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)
Anchorage	
Mat-Su	

**Table 6.030: Tobacco Control Ordinances – Obtained locally**

Region	Tobacco Ordinances (obtained locally)
Anchorage	
Mat-Su	

**Table 6.040: Health Prevention and Promotion—Water Quality, by Fiscal Year, SFY 2001-2006 (AHCDB Table 2.535)**

	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
<b>Public Water Systems</b> (% 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
<b>All Alaska Employees</b>	<b>289.5</b>	<b>5.2</b>	<b>1.9</b>	<b>0.6</b>	<b>2.7</b>
<b>Private Sector</b>	<b>233.7</b>	<b>5.5</b>	<b>2.0</b>	<b>0.7</b>	<b>2.8</b>
Goods Producing	45.0	7.0	2.7	0.7	3.7
Service Providing	188.7	5.0	1.8	0.6	2.5
<b>State, Local Government</b>	<b>55.8</b>	<b>4.2</b>	<b>1.6</b>	<b>0.3</b>	<b>2.3</b>
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,e000
<b>All Alaska Employees</b>	<b>5.2</b>	<b>3.0</b>	<b>5.1</b>	<b>6.5</b>	<b>5.5</b>	<b>4.6</b>
<b>Private Sector</b>	<b>5.5</b>	<b>3.0</b>	<b>5.2</b>	<b>6.7</b>	<b>6.1</b>	<b>5.4</b>
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
<b>State, Local Government</b>	<b>4.2</b>	<b>--</b>	<b>2.6</b>	<b>5.2</b>	<b>4.3</b>	<b>3.7</b>
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).

<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: Food Safety- Botulism in Alaska – Location of Cases, 1950 to 2004**

<b>Statewide Total</b>	<b>248</b>
<b>Anchorage/Mat-Su</b>	<b>14</b>
Anchorage	3
Matanuska-Susitna	11

Source: Alaska Dept of Health & Social Services, Botulism in Alaska: A Guide for Physicians and Healthcare Providers, 2005 Update  
For further information: <http://www.epi.hss.state.ak.us/pubs/botulism/Botulism.pdf>

**Table 6.090: Water Fluoridation: Information obtained locally**

Region	Is water fluoridated?
Anchorage	
Mat-Su	

**Table 6.100: 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
<b>Solid Waste</b> (% of regulated solid waste facilities that are authorized/permited)	82%	84%	85%	92%	96%	98%

## Category 7: Social & Mental Health

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

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

	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 *
<b>Statewide Total</b>	14747	1455	9.6%	8.9-10.3%	6755	7.9%	7992	11.4%
<b>Anchorage/Mat-Su</b>	3130	345	10.2%	9.0-11.5%	1341	8.8%	1789	11.6%
Anchorage	2383	254	10.2%	8.8-11.7%	1020	8.4%	1363	12.0%
Matanuska-Susitna	747	91	10.1%	7.8-13.0%	321	9.9%	426	10.3%

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 7.020: Mental Health Clientele by Setting, Age Group, and Sex, SFY 2005 (AHCDB Table 2.390)**

Service Setting	Age 0-17		Age 18-20		Age 21-64		Age 65 and older		Age not available		Total
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	
Community Mental Health Programs	2,558	3,228	164	130	1,990	1,170	53	21	3	5	9,322
State Psychiatric Hospitals	94	111	59	96	503	571	12	7	-	-	1,453
Other Psychiatric Inpatient Settings	324	360	18	7	121	41	4	1	-	-	876
Residential Treatment Centers for Children	421	572	6	10	-	-	-	-	-	-	1,009
<b>Service Episodes</b>											
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 inpatient 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***
<b>Statewide</b>	<b>716</b>	<b>2,459</b>	<b>187</b>	<b>240</b>	<b>1,408</b>	<b>5,010</b>
<b>Anchorage/Mat-Su</b>	<b>332</b>	<b>1,018</b>	<b>71</b>	<b>111</b>	<b>596</b>	<b>2,128</b>
Anchorage	280	881	54	88	483	1,786
Matanuska-Susitna	52	137	17	23	113	342

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
<b>Statewide</b>	<b>62</b>	<b>968</b>	<b>1,197</b>	<b>197</b>	<b>173</b>	<b>56</b>	<b>505</b>	<b>3,158</b>
<b>Anchorage/Mat-Su</b>	<b>34</b>	<b>470</b>	<b>657</b>	<b>88</b>	<b>84</b>	<b>23</b>	<b>229</b>	<b>1,585</b>
Anchorage	28	416	544	77	71	20	209	1,365
Matanuska-Susitna	6	54	113	11	13	3	20	220

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

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

Notes:

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

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

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

Region/Community	Crimes		Caseload		Out-of-Home Placements*			Total Placements
	Referrals from Law Enforcement	Unduplicated Individuals	Non-custody	Custody	Level-a: (e.g. foster care / residential)	Level-b: (e.g. RPTC - in-state & out-of-state)	Level-c: (e.g. DJJ Institutional Treatment)	
<b>Statewide Totals</b>	<b>5,713</b>	<b>3,929</b>	<b>2,201</b>	<b>457</b>	<b>634</b>	<b>114</b>	<b>246</b>	<b>994</b>
<b>Anchorage/Mat Su</b>	<b>2,589</b>	<b>1,898</b>	<b>1,229</b>	<b>174</b>	<b>240</b>	<b>88</b>	<b>157</b>	<b>485</b>
Anchorage	2,112	1,531	1,108	142	225	84	152	461
Mat-Su	477	367	121	32	15	4	5	24

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
<b>Statewide Total</b>	<b>28,704</b>	<b>1,256</b>	<b>4%</b>	<b>436</b>	<b>2%</b>
<b>Anchorage/Mat-Su</b>	<b>13,807</b>	<b>523</b>	<b>4%</b>	<b>235</b>	<b>2%</b>
Anchorage	10,905	402	4%	198	2%
Matanuska-Susitna	2,902	121	4%	37	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.

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 *
<b>Statewide Total</b>	<b>7129</b>	<b>1419</b>	<b>19.1%</b>	<b>17.8-20.5%</b>	<b>3280</b>	<b>17.4%</b>	<b>3849</b>	<b>21.0%</b>
<b>Anchorage/Mat-Su</b>	<b>1475</b>	<b>293</b>	<b>18.9%</b>	<b>16.8-21.3%</b>	<b>624</b>	<b>16.3%</b>	<b>851</b>	<b>21.6%</b>
Anchorage	1160	235	19.2%	16.8-21.9%	485	16.9%	675	21.6%
Matanuska-Susitna	315	58	17.9%	13.7-23.0%	139	14.6%	176	21.6%

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 small sample size.

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

	Sample size	Been made to take part in unwanted sexual activity	% take part in unwanted sexual activity *	Confidence Interval 95%	Male		Female	
					Sample Size	% take part in unwanted sexual activity *	Sample Size	% take part in unwanted sexual activity *
<b>Statewide Total</b>	<b>7127</b>	<b>1092</b>	<b>14.0%</b>	<b>12.9-15.1%</b>	<b>3297</b>	<b>4.2%</b>	<b>3830</b>	<b>24.4%</b>
<b>Anchorage/Mat-Su</b>	<b>1469</b>	<b>252</b>	<b>14.5%</b>	<b>12.7-16.5%</b>	<b>625</b>	<b>3.3%</b>	<b>844</b>	<b>26.1%</b>
Anchorage	1156	197	14.0%	12.0-16.2%	486	2.7%	670	25.5%
Matanuska-Susitna	313	55	16.1%	12.1-21.2%	139	5.2%	174	28.5%

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

\*Percentages are weighted based on actual total population statistics.

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

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

	Sample size	Have been hit, hurt, threatened by Intimate Partner	% victim of intimate partner violence *	Confidence Interval 95%	Male		Female	
					Sample Size	% victim of intimate partner violence *	Sample Size	% victim of intimate partner violence *
<b>Statewide Total</b>	<b>7141</b>	<b>1843</b>	<b>23.9%</b>	<b>22.5-25.4%</b>	<b>3293</b>	<b>17.2%</b>	<b>3848</b>	<b>31.0%</b>
<b>Anchorage/Mat-Su</b>	<b>1474</b>	<b>422</b>	<b>25.3%</b>	<b>22.9-27.8%</b>	<b>624</b>	<b>18.9%</b>	<b>850</b>	<b>31.9%</b>
Anchorage	1160	343	26.4%	23.6-29.3%	486	20.5%	674	32.3%
Matanuska-Susitna	314	79	21.3%	16.8-26.6%	138	13.1%	176	30.4%

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

\*Percentages are weighted based on actual total population statistics.

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

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

## Category 8: Maternal & Child Health

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

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

Residence Census	Rate Type	1996-2000			2001-2005		
		Births	Deaths	Mortality Rate***	Births	Deaths	Mortality Rate***
<b>Statewide</b>	<b>Total</b>	<b>49,878</b>	<b>331</b>	<b>6.6</b>	<b>50,825</b>	<b>338</b>	<b>6.7</b>
	<b>Neonatal</b>		<b>161</b>	<b>3.2</b>		<b>157</b>	<b>3.1</b>
	<b>Postneonatal</b>		<b>170</b>	<b>3.4</b>		<b>181</b>	<b>3.6</b>
<b>Anchorage/Mat-Su</b>	<b>Total</b>	<b>24,527</b>	<b>146</b>	<b>6.0</b>	<b>25,898</b>	<b>150</b>	<b>6</b>
	<b>Neonatal</b>		<b>66</b>	<b>2.7</b>		<b>72</b>	<b>2.8</b>
	<b>Postneonatal</b>		<b>80</b>	<b>3.3</b>		<b>78</b>	<b>3.0</b>
Anchorage	Total	20,852	121	5.8	21,212	122	5.8
	Neonatal		57	2.7		54	2.5
	Postneonatal		64	3.1		68	3.2
Matanuska-Susitna	Total	3,675	25	6.8	4,686	28	6.0
	Neonatal		9	**		18	3.8*
	Postneonatal		16	4.4		10	2.1*

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)**

Region/Census Area	Low Birth Weight Births		Adequate Prenatal Care*		Reported Smoking**		Reported Alcohol Use**	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Statewide Total</b>	<b>2,981</b>	<b>5.9%</b>	<b>29,733</b>	<b>64.8%</b>	<b>8,499</b>	<b>16.9%</b>	<b>1,133</b>	<b>2.3%</b>
<b>Anchorage/Mat-Su</b>	<b>1,634</b>	<b>6.3%</b>	<b>16,181</b>	<b>62.5%</b>	<b>3,625</b>	<b>14.0%</b>	<b>515</b>	<b>2.0%</b>
Anchorage	1,357	6.4%	12,877	71.2%	2,821	13.5%	448	2.1%
Matanuska-Susitna	277	5.9%	3,304	75.3%	804	17.3%	67	1.4%

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

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

\* Adequate or better prenatal care as defined by APNCU Index

\*\* Self reported data

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

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

Region/Census Area	Total Population	0-17	18-64	65 and Over	Dependency Ratio
<b>Statewide Total</b>	<b>670,053</b>	<b>171,916</b>	<b>452,725</b>	<b>45,412</b>	<b>0.48</b>
<b>Anchorage/Mat-Su</b>	<b>359,987</b>	<b>92,102</b>	<b>244,999</b>	<b>22,886</b>	<b>0.47</b>
Anchorage	282,813	72,183	193,083	17,547	0.46
Matanuska-Susitna	77,174	19,919	51,916	5,339	0.49

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)**
<b>Statewide</b>	<b>50,825</b>	<b>72.4</b>	<b>5,286</b>	<b>41.0</b>	<b>10.4%</b>
<b>Anchorage/Mat-Su</b>					
Anchorage	21,212	68.6	2,020	39.6	9.5%
Matanuska-Susitna	4,686	65.5	453	30.4	9.7%

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

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

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

Area	Count		Rate		Average Length of Stay	
	Complications of Pregnancies, Childbirth, and Puerperium	Births Congenital Anomalies and Conditions with Origin in Perinatal Period	Complications of Pregnancies, Childbirth, and Puerperium	Births Congenital Anomalies and Conditions with Origin in Perinatal Period	Complications of Pregnancies, Childbirth, and Puerperium	Births Congenital Anomalies and Conditions with Origin in Perinatal Period
<b>National (2000) ***</b>	-	-	18.1	166.8	2.5	3.9
<b>Statewide (2001-2005)</b>	<b>44,876</b>	<b>42,098</b>	<b>138.3</b>	<b>129.8</b>	<b>2.6</b>	<b>3.3</b>
<b>Anchorage/Mat-Su</b>	<b>27,309</b>	<b>25,520</b>	<b>159.9</b>	<b>149.5</b>	-	-
Anchorage	22,584	21,178	164.8	154.6	2.6	3.2
Matanuska-Susitna	4,725	4,342	140.1	128.7	2.4	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)**

Facility	Location	Admissions			Inpatient Days		
		FY2005	FY2006	% Change	FY2005	FY2006	% Change
Alaska Native Medical Center	Anchorage	1,316	1,404	6.7%	2,605	2,726	4.6%
<b>Area Total</b>		<b>2,087</b>	<b>2,193</b>	<b>5.1%</b>	<b>4,039</b>	<b>4,269</b>	<b>5.7%</b>

Facility	Location	Average Daily Patient Load			Average Length of Stay		
		FY2005	FY2006	% Change	FY2005	FY2006	% Change
Alaska Native Medical Center	Anchorage	7.14	7.47	4.6%	1.98	2.07	4.6%
<b>Area Total</b>		<b>11.07</b>	<b>11.70</b>	<b>5.7%</b>	<b>1.94</b>	<b>1.95</b>	<b>0.6%</b>

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
	<b>Total Deaths*</b>			<b>247</b>
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
<b>Total Deaths*</b>			<b>98</b>	<b>30.2</b>
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
<b>Total Deaths*</b>			<b>372</b>	<b>130.7</b>

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 *
<b>Statewide Total</b>	<b>14767</b>	<b>1700</b>	<b>10.9%</b>	<b>10.1-11.6%</b>	<b>6776</b>	<b>9.8%</b>	<b>7991</b>	<b>12.0%</b>
<b>Anchorage/Mat-Su</b>	<b>3140</b>	<b>387</b>	<b>11.4%</b>	<b>10.2-12.8%</b>	<b>1349</b>	<b>10.4%</b>	<b>1791</b>	<b>12.4%</b>
Anchorage	2386	272	10.8%	9.5-12.4%	1025	9.4%	1361	12.3%
Matanuska-Susitna	754	115	13.3%	10.8-16.2%	324	13.7%	430	12.8%

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

\*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
<b>Statewide Total</b>	<b>28,704</b>	<b>5,943</b>	<b>21%</b>	<b>5,893</b>	<b>21%</b>	<b>3,090</b>	<b>11%</b>
<b>Anchorage/Mat-Su</b>	<b>13,807</b>	<b>2,973</b>	<b>22%</b>	<b>2,917</b>	<b>21%</b>	<b>1,276</b>	<b>9%</b>
Anchorage	10,905	2,334	21%	2,257	21%	945	9%
Matanuska-Susitna	2,902	639	22%	660	23%	331	11%

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
<b>Statewide Total</b>	<b>828.3</b>	<b>20.5</b>	<b>56.0</b>	<b>6.7</b>	<b>193.6</b>	<b>168.6</b>
<b>Anchorage/Mat-Su</b>						
Anchorage	791.2	16.0	41.5	7.0	186.1	164.3
Matanuska-Susitna	866.9	20.5	60.0	5.9	222.0	176.5

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
<b>National (2000) ***</b>	-	-	<b>1,140.1</b>	<b>4.9</b>
<b>Statewide (2001-2005)</b>	<b>648,818</b>	<b>259,373</b>	<b>799.5</b>	<b>4.4</b>
<b>Anchorage/Mat-Su</b>				
Anchorage	274,003	119,336	871.1	4.4
Matanuska-Susitna	67,473	29,098	862.5	3.8

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 (AHCDB Table 2.220)**

Region/Census Area	Circulatory System	Injury or Poisoning	Digestive System	Respiratory System	Musculo-skeletal System	Neoplasm	Symptoms/ Signs	Genito-Urinary
<b>Statewide Total</b>	<b>27,607</b>	<b>23,133</b>	<b>22,910</b>	<b>18,656</b>	<b>13,486</b>	<b>11,724</b>	<b>11,701</b>	<b>11,663</b>
<b>Anchorage/Mat-Su</b>								
Anchorage	11,859	9,710	9,434	7,903	5,432	5,440	5,561	5,258
Matanuska-Susitna	3,580	2,763	2,677	1,886	1,714	1,387	1,366	1,424

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
<b>National (2000)</b>	226.3	88.7	113.0	123.8	55	57.1	9.6	62.7
<b>Statewide (2001-2005)</b>	85.1	71.3	70.6	57.5	41.6	36.1	36.1	36.0
<b>Anchorage/Mat-Su</b>	90.4	73.1	70.9	57.3	41.9	40.0	40.6	39.1
Anchorage	86.6	70.9	68.9	57.7	39.6	39.7	40.6	38.4
Matanuska-Susitna	106.1	81.9	79.4	55.9	50.8	41.1	40.5	42.2

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
<b>National (2000) *</b>	4.8	5.4	4.7	5.4	4.1	5.8	2.4	3.8
<b>Statewide (2001-2005)</b>	4.9	5.4	5.0	5.7	4.3	5.8	2.8	3.4
<b>Anchorage/Mat-Su</b>								
Anchorage	5.4	5.5	5.2	5.9	4.4	5.7	2.8	3.5
Matanuska-Susitna	4.1	4.7	4.5	4.7	3.7	5.2	2.4	2.9

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 %
<b>Statewide</b>	65%	28%	52%
<b>Anchorage and Vicinity</b>	56%	20%	46%
Native (any mention)	75%	25%	43%
White	52%	18%	49%
All Others	57%	23%	36%

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

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

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

	Sample Size	< 1 Year		1 to < 2 Years		2 to < 5 Years		5 or More Years	
		% *	Confidence Interval 95%	% *	Confidence Interval 95%	% *	Confidence Interval 95%	% *	Confidence Interval 95%
<b>Statewide Total</b>	<b>7404</b>	<b>66.6%</b>	<b>65.0-68.2%</b>	<b>12.9%</b>	<b>11.8-14.1%</b>	<b>10.4%</b>	<b>9.4-11.4%</b>	<b>9.8%</b>	<b>8.9-10.8%</b>
<b>Anchorage/Mat-Su</b>	<b>1517</b>	<b>69.0%</b>	<b>66.3%-71.5%</b>	<b>11.5%</b>	<b>9.8%-13.5%</b>	<b>10.0%</b>	<b>8.4%-11.8%</b>	<b>9.4%</b>	<b>7.8%-11.2%</b>
Anchorage	1207	71.2	68.3-74.0%	11.1	9.2-13.3%	8.4	6.8-10.3%	9.2	7.5-11.2%
Matanuska-Susitna	310	60.2%	53.8%-66.3%	13.4%	9.7%-18.1%	16.3%	11.9%-21.8%	10.2%	6.9%-14.7%

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

\*Percentages are weighted based on actual total population statistics.

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

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

	Sample Size	< 1 Year		1 to < 2 Years		2 to < 5 Years		5 or More Years	
		% *	Confidence Interval 95%	% *	Confidence Interval 95%	% *	Confidence Interval 95%	% *	Confidence Interval 95%
<b>Statewide Total</b>	<b>6894</b>	<b>63.1%</b>	<b>61.5-64.8%</b>	<b>14.1%</b>	<b>12.9-15.4%</b>	<b>10.6%</b>	<b>9.6-11.7%</b>	<b>11.1%</b>	<b>10.1-12.2%</b>
<b>Anchorage/Mat-Su</b>	<b>1447</b>	<b>65.7</b>	<b>62.9-68.5%</b>	<b>13.2</b>	<b>11.3-15.3%</b>	<b>9.8</b>	<b>8.2-11.7%</b>	<b>10.7</b>	<b>9.0-12.6%</b>
Anchorage	1155	68.4	65.3-71.3%	13.1	11.0-15.6%	8.2	6.6-10.1%	9.6	7.9-11.7%
Matanuska-Susitna	292	55.6	48.9-62.1%	13.3	9.6-18.1%	16.2	11.7-22.0%	14.9	10.8-20.2%

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**

	Sample Size	No Teeth Lost		1 to 5 Teeth Lost		6 or More Teeth Lost		All Teeth Lost	
		% *	Confidence Interval 95%	% *	Confidence Interval 95%	% *	Confidence Interval 95%	% *	Confidence Interval 95%
<b>Statewide Total</b>	<b>7318</b>	<b>58.2%</b>	<b>56.5-59.8%</b>	<b>27.0%</b>	<b>25.5-28.5%</b>	<b>10.7%</b>	<b>9.7-11.7%</b>	<b>4.1%</b>	<b>3.6-4.7%</b>
<b>Anchorage/Mat-Su</b>	<b>1502</b>	<b>59.5</b>	<b>56.6-62.3%</b>	<b>27.2</b>	<b>24.7-29.9%</b>	<b>10.1</b>	<b>8.5-11.9%</b>	<b>3.3</b>	<b>2.4-4.3%</b>
Anchorage	1194	61.4	58.2-64.5%	26.2	23.4-29.1%	9.3	7.6-11.3%	3.2	2.3-4.4%
Matanuska-Susitna	308	52.2	45.7-58.6%	31.2	25.7-37.4%	13.0	9.3-18.0%	3.5	1.9-e

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

\*Percentages are weighted based on actual total population statistics.

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

DSU = Data Statistically Unreliable due to low sample size

## Category 10: Communicable Disease

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

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

	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006
<b>Immunizations Given</b> (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
<b>Child Immunization</b> (% 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](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%
<b>Statewide Total</b>	867	551	62.4%	57.7-66.9%
<b>Anchorage/Mat-Su</b>	185	115	62.3%	54.2- 69.7%
Anchorage	142	87	59.8%	50.4- 68.6%
Matanuska-Susitna	43	28	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%
<b>Statewide Total</b>	<b>938</b>	<b>580</b>	<b>62.7%</b>	<b>58.3-67.0%</b>
<b>Anchorage/Mat-Su</b>	<b>197</b>	<b>122</b>	<b>62.2%</b>	<b>54.3- 69.4%</b>
Anchorage	148	97	64.5%	55.3- 72.8%
Matanuska-Susitna	49	25	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: Infectious Diseases Reported 2006-2007**

	<i>Chlamydia trachomatis</i> infection	Gonorrhea	Hepatitis C	HIV infection
<b>Total AK 2006</b>	<b>4528</b>	<b>630</b>	<b>1174</b>	<b>88</b>
Anch/Mat-Su 2006	2494	448	704	39
<b>Total AK 2007</b>	<b>4911</b>	<b>581</b>	<b>1141</b>	<b>61</b>
Anch/Mat-Su 2007	2547	405	626	26

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](http://www.epi.hss.state.ak.us/bulletins/docs/rr2008_01.pdf)

