

## **Petersville**

### **People and Place**

#### *Location*<sup>1</sup>

Petersville is located on Petersville Road, at mile 114.9 of the George Parks Highway, west of Trapper Creek. Petersville Road is 17 miles north of the junction to Talkeetna Spur Road. Peters Creek and the Deshka River flow through the community. Petersville is located in the Talkeetna Recording District and the Matanuska-Susitna Borough Census Area.

#### *Demographic Profile*<sup>2</sup>

According to the 2010 Decennial Census, there were four inhabitants in Petersville, making it the 348<sup>th</sup> largest of 352 total Alaskan communities with populations recorded that year. However, the Alaska Department of Labor and Workforce Development (DOLWD) recorded 12 residents age 16 and over living in the community in 2010.<sup>3</sup> Petersville first appeared in U.S. Census records in 2000, with 27 individuals (Table 1). Although no population was recorded in Petersville by the U.S. Census in 1990, an estimate was provided regarding a sparsely populated U.S. Census block including Petersville. In this area, which included some areas of little or no population beyond the community council boundaries of Petersville, the 1990 population estimate was 84, with 37 households.<sup>4</sup> Between 2000 and 2009, Alaska Department of Labor estimates indicate that the population of permanent residents in Petersville decreased by 77.8%, with an average annual growth rate of -5.72%.

In 2010, a majority of Petersville residents identified themselves as White (75%), while 25% identified with two or more races (Figure 1). That year, no Petersville residents identified themselves as Hispanic. Several racial and ethnic groups appeared to have been present in the year 2000 but were not represented in 2010, such as American Indians and Alaska Natives and Native Hawaiian and Other Pacific Islanders. Some of these individuals may have moved away, and some may be represented among those who identified with two or more races in 2010.

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<sup>1</sup> Alaska Dept. of Comm. and Rural Affairs. (n.d.). *Community Database Online*. Retrieved October 17, 2011 from [http://www.commerce.state.ak.us/dca/commdb/CF\\_BLOCK.htm](http://www.commerce.state.ak.us/dca/commdb/CF_BLOCK.htm).

<sup>2</sup> U.S. Census Bureau (n.d.). *Profile of selected social, economic and housing characteristics of all places within Alaska*. Datasets utilized include the 2000 (SF1 100% and SF3 sample data) and 2010 (Demographic Profile SF) Decennial Census and the 2010 American Community Survey 5-year estimates. Retrieved November 1, 2011 from <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>.

<sup>3</sup> Alaska Department of Labor and Workforce Dev. 2011. *Alaska Local and Regional Information Database*. Retrieved May 30, 2012 from <http://live.laborstats.alaska.gov/alari>.

<sup>4</sup> *Petersville Road Corridor Management Plan*. 1998. Retrieved May 23, 2012 from <http://www.southdenali.alaska.gov/includes/pvcorridormp.pdf>.

Table 1. Population in Petersburg from 1990 to 2010 by Source.

Year	U.S. Decennial Census <sup>1</sup>	Alaska Dept. of Labor Estimate of Permanent Residents <sup>3</sup>
1990	0 <sup>2</sup>	-
2000	27	-
2001	-	25
2002	-	19
2003	-	14
2004	-	15
2005	-	16
2006	-	21
2007	-	12
2008	-	9
2009	-	6
2010	4	12 <sup>4</sup>

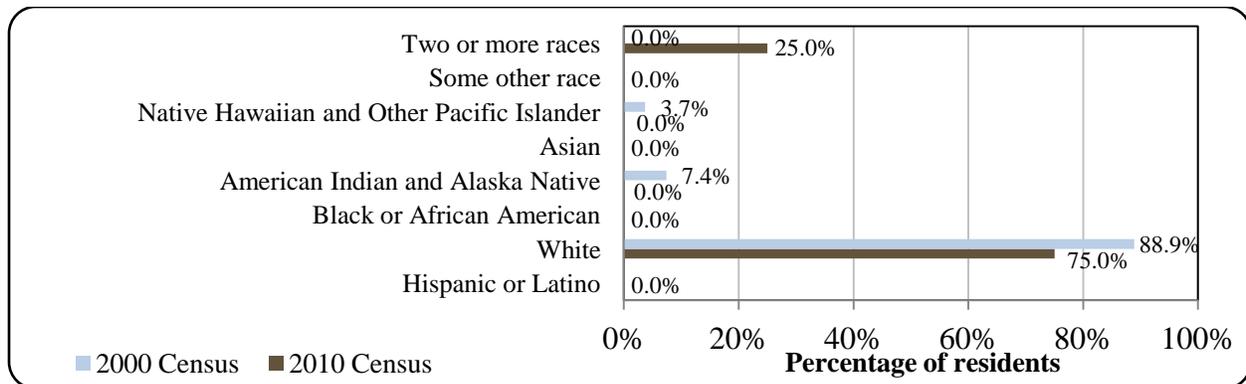
<sup>1</sup> (1) U.S. Census Bureau (1990). *CP-1: General Population Characteristics of all places within Alaska*. Retrieved November 1, 2011 from <http://www.census.gov/prod/www/abs/decennial/1990.html>. (2) U.S. Census Bureau (n.d.). *Profile of selected social, economic and housing characteristics of all places within Alaska*. Datasets utilized include the 2000 (SF1 100% and SF3 sample data) and 2010 (Demographic Profile SF) Decennial Census and the 2010 American Community Survey 5-year estimates. Retrieved November 1, 2011 from <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>.

<sup>2</sup> The U.S. Census Bureau recorded a population of zero for Petersburg in 1990, a population estimate of 84 was generated for the U.S. Census Block that includes Petersburg and surrounding areas. Source: *Petersville Road Corridor Management Plan*. 1998. Retrieved May 23, 2012 from <http://www.southdenali.alaska.gov/includes/pvcorridormp.pdf>.

<sup>3</sup> Alaska Department of Labor. 2011. Current population estimates for Alaskan Communities. Retrieved April 15, 2011, from <http://labor.alaska.gov/research/pop/popest.htm>.

<sup>4</sup> This estimate refers only to the population of residents age 16 and over. Source: Alaska Department of Labor and Workforce Dev. 2011. Alaska Local and Regional Information Database. Retrieved May 30, 2012 from <http://live.laborstats.alaska.gov/alari>.

Figure 1. Racial and Ethnic Composition, Petersburg: 2000-2010 (U.S. Census).

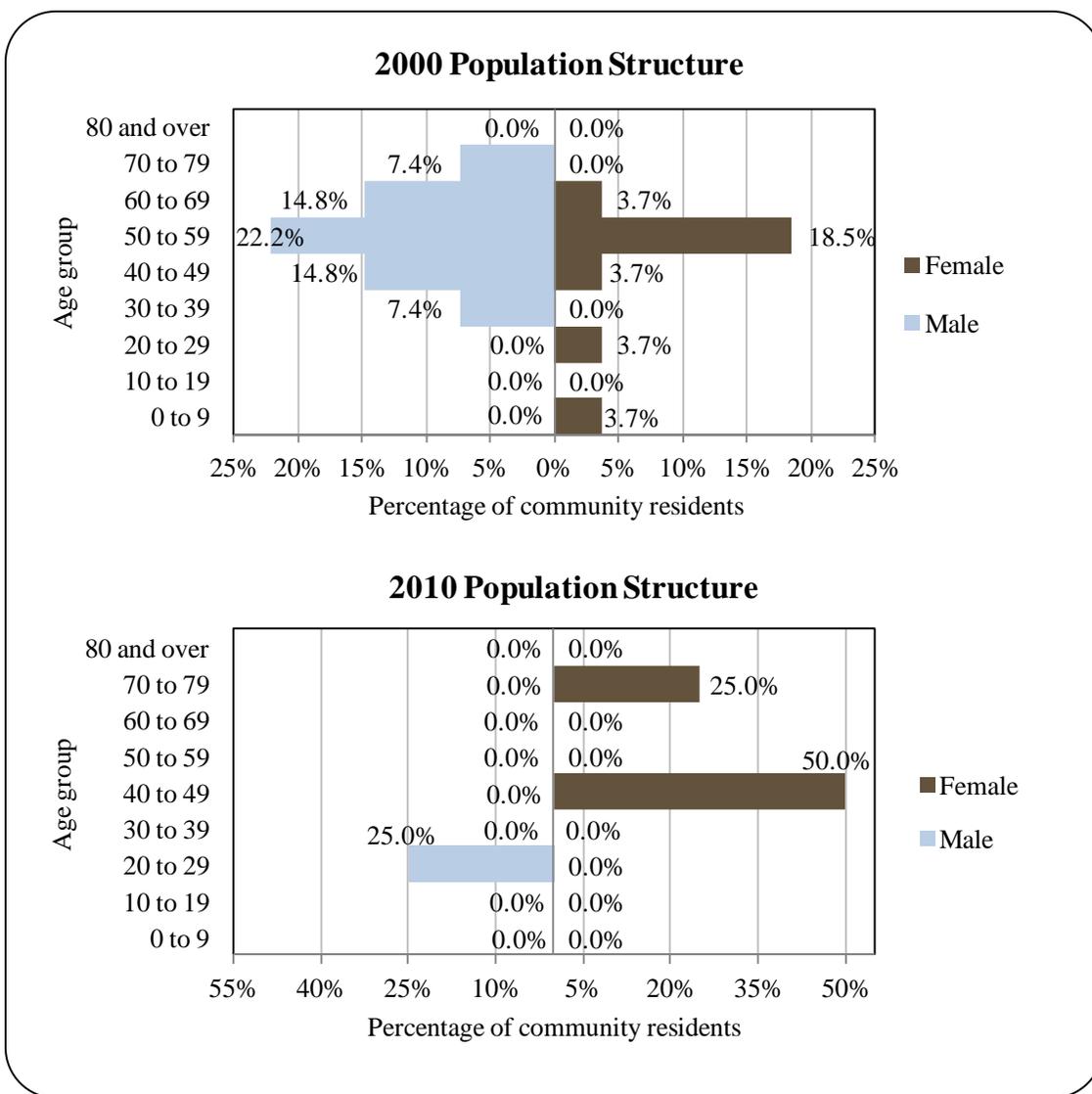


In 2010, there were four occupied housing units in Petersburg, with an average of one person living in each of these households. This represents a decrease from the year 2000, when there were 17 total households in Petersburg, with an average of 1.59 persons per household. Of the 179 total housing units surveyed for the 2010 U.S. Decennial Census, three (1.7%) were owner-occupied, one (0.6%) was rented, and the remaining 175 housing units were vacant. A

majority of these (174) were vacant at the time of the survey due to their seasonal use. From 2000 to 2010, no residents of Petersville were recorded as living in group quarters.

In 2010, the gender makeup of Petersville’s population (25% male and 75% female) was much more weighted toward females than the population of the state as a whole, which had more men than women overall (52% male and 48% female). In 2010, the median age of Petersville residents was 46.5 years, older than the national average of 36.8 years and the median age for Alaska, 33.8 years. In 2010, one Petersville resident (25% of the population) was over the age of 60. It is important to keep in mind that these numbers reflect a population of only four individuals. With such a small population, the difference of several individuals can affect percentages, averages, and median scores greatly. The overall population structure of Petersville in 2000 and 2010 is shown in Figure 2.

Figure 2. Population Age Structure in Petersville Based on the 2000 and 2010 U.S. Decennial Census.



It is also useful to examine the population structure of Petersville in 2000, when the population was somewhat higher. In 2000, the gender ratio in the Petersville (52.8% male and 47.2% female) was slightly more weighted toward males than the state population as a whole, which was 51.7% male and 48.3% female. The age groups particularly skewed toward males included 10-19 and 70-79 years, while there were more females than males in the age groups 20-29 and 40 to 69 years. The median age in 2000, 14 years, was much younger than the 2000 national average of 36.5 years and the 2000 Alaska median age of 32.4 years. In 2000, 61.6% of the population was under the age of 20, and 5.4% of the population was age 60 or older. The population structure of Petersville in 2000 and 2010 is shown in Figure 2.

The 2006-2010 American Community Survey (ACS) did not provide any information regarding educational attainment in Petersville in 2010. Although the U.S. Decennial Census recorded four individuals as permanent residents in Petersville in 2010, the ACS estimated a population of zero.<sup>5,6</sup> Given the small population of Petersville in 2010, it is useful to look back at education statistics in the year 2000 as well, when the population was slightly higher (27 residents). That year, 12 Petersville residents were aged 25 or older, all of whom held high school diplomas, as well as Bachelor's degrees (100%), compared to 27.9% of the population that held high school diplomas and 16.1% that held Bachelor's degrees in 2000. No Petersville residents held graduate or professional degrees in 2000, compared to 8.6% of Alaskans overall.<sup>7</sup>

### *History, Traditional Knowledge, and Culture*

Dena'ina Athabascans historically inhabited the Petersville area, and used the region for subsistence hunting and fishing.<sup>8</sup> In 1905, gold was discovered on Cache Creek and upper Peters Creek. In 1917, a freighting trail was built by the Alaska Road Commission from Talkeetna. The crossing of the Susitna River was by ferry during summer and over ice in the winter. Petersville became home to a district post office as a result of the road construction. By 1921, there were 24 mining operations in the Yentna Mining District, most with large-scale hydraulic plants. World War II caused a shutdown of nearly all mining operations. Federal homesteading began here in 1948 and continued through the 1960s. In the late 1970s, many of the previously idle mining sites were brought back into production.<sup>9</sup> There is no community center in Petersville. Residents are dispersed throughout the area.<sup>10</sup> Today, most residences in Petersville are seasonal homes.<sup>11</sup> Year-round residents are typically involved in caretaking the historic Petersville mining camp.<sup>12</sup>

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<sup>5</sup> U.S. Census Bureau (n.d.). *Profile of selected social, economic and housing characteristics of all places within Alaska*. Datasets utilized include the 2010 American Community Survey 5-year estimates. Retrieved November 1, 2011 from <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>.

<sup>6</sup> While American Community Survey (ACS) estimates can provide a good snapshot estimate for larger populations, smaller populations can be misrepresented by ACS estimates if demographic information is not collected from a representative sample of the population. This is especially problematic for Alaskan communities with small populations that have a low probability of being adequately sampled.

<sup>7</sup> U.S. Census Bureau (n.d.). *Profile of Selected Social Characteristics of all places within Alaska: 2000*. Retrieved December 31, 2012 from <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>.

<sup>8</sup> Fall, James and Dan Foster. 1987. *Fish and Game Harvest and Use in the Middle Susitna Basin*. Retrieved May 23, 2012 from <http://www.subsistence.adfg.state.ak.us/TechPap/tp143.pdf>.

<sup>9</sup> Alaska Dept. of Comm. and Rural Affairs. (n.d.). *Community Database Online*. Retrieved October 17, 2011 from [http://www.commerce.state.ak.us/dca/commdb/CF\\_BLOCK.htm](http://www.commerce.state.ak.us/dca/commdb/CF_BLOCK.htm).

<sup>10</sup> National Park Service. 2006. *Denali National Park and Preserve: Final South Denali Implementation Plan and Environmental Impact Statement*. Retrieved May 23, 2012 from [http://www.matsugov.us/denali/documents/proof\\_book\\_000.pdf](http://www.matsugov.us/denali/documents/proof_book_000.pdf).

## Natural Resources and Environment

Petersville is located in a transitional climatic zone, influenced both by marine and continental climate patterns. January temperatures range from -30 to 33 °F, and temperatures in July can vary from 42 to 83 °F. Annual rainfall ranges from 16 to 27 inches, along with 48 to 150 inches of snowfall.<sup>13</sup>

There is currently relatively little mining activity in the Petersville area, although large gold reserves exist within the upper base of the Peters Creek area.<sup>14</sup> Several mining claims are located in the area immediately south and west of Petersville. Each year, three or four small mines are under operation, with approximately half a dozen miners actively working between mid-May and mid-October.<sup>15</sup> In addition, in 2010, Diamond Gold Corporation reported development activity in the Yentna (Petersville) mining district, including construction of five miles of pioneer road for its Sable–Kahiltna Mine.<sup>16</sup> This area is being developed as “a new world-class gem field,” with known gemstones including opal, sapphire, ruby, garnet, and diamond, and stones including emerald, agate, jade, red and green jasper, and opalized wood.<sup>17</sup>

Land in the Petersville area is owned by the Matanuska-Susitna Borough, the State of Alaska, the University of Alaska, as well as some private ownership.<sup>18</sup> Two public use areas have been designated in the vicinity of Petersville, including one for recreational mining and one for general public recreation. The Petersville Recreational Mining Area allows for gold panning, mineral prospecting, or mining using portable, non-electric field equipment. No new mining claims may be granted within the area.<sup>19</sup> The Trapper Creek – Petersville Winter Trails system offers 12.5 miles of trail for snowmobiling, dog mushing, cross-country skiing and skijoring.<sup>20</sup>

Natural hazards that have been identified as highly likely to occur in the Matanuska-Susitna Borough include floods, wildfire, earthquake and volcanic activity. Avalanche and severe weather were rated a moderately likely to occur, and drought was rated at a low probability of occurrence.<sup>21</sup>

According to the Alaska Department of Environmental Conservation, there are no notable active environmental cleanup sites located in Petersville as of July 2012.<sup>22</sup>

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<sup>11</sup> See footnote 9.

<sup>12</sup> Personal communication, Matanuska-Susitna Borough Cultural Resources Division, May 24, 2012.

<sup>13</sup> See footnote 9.

<sup>14</sup> *Petersville Road Corridor Management Plan*. 1998. Retrieved May 23, 2012 from <http://www.southdenali.alaska.gov/includes/pvccorridormp.pdf>.

<sup>15</sup> See footnote 10.

<sup>16</sup> Szumigala, D.J., L.A. Harbo, and J.N. Adleman. *Alaska's Mineral Industry 2010*. Alaska Dept. of Natural Resources and Alaska Dept. of Commerce, Community and Economic Development, Special Report 65.

<sup>17</sup> Ellis, Ed and Ellis, Ann. 2010. *Alaska's Yentna Country: Gemstone Deposits; 'The Making of a World-Class Gem Field.'* Retrieved May 24, 2012 from [http://diamondgoldcorp.com/uploads/DGC\\_Yentna\\_gemfields\\_revision\\_1.pdf](http://diamondgoldcorp.com/uploads/DGC_Yentna_gemfields_revision_1.pdf).

<sup>18</sup> See footnote 14.

<sup>19</sup> Alaska Dept. of Natural Resources. 2012. *Fact Sheet: Petersville Recreation Mining Area*. Retrieved May 24, 2012 from [http://dnr.alaska.gov/mlw/factsht/mine\\_fs/petersvi.pdf](http://dnr.alaska.gov/mlw/factsht/mine_fs/petersvi.pdf).

<sup>20</sup> Matanuska-Susitna Borough Community Development Department. *Trapper Creek – Petersville Winter Trails*. Retrieved May 24, 2012 from [http://www.alaskavisit.com/includes/media/docs/TrapperCrk\\_PetersvilleTrl\\_000.pdf](http://www.alaskavisit.com/includes/media/docs/TrapperCrk_PetersvilleTrl_000.pdf).

<sup>21</sup> Matanuska-Susitna Borough Dept. of Emergency Services. 2008. *All-Hazards Mitigation Plan, Phase One: Natural Hazards*. Retrieved May 24, 2012 from <http://ww1.matsugov.us/>.

<sup>22</sup> Alaska Dept. of Environmental Conservation (n.d.). *List of Contaminated Sites by Region*. Retrieved April 17, 2012 from <http://dec.alaska.gov/spar/csp/list.htm>.

## Current Economy<sup>23</sup>

Subsistence and sporting activities are an integral part of the lifestyle of local residents, many of whom are retired and reside in Petersburg on a seasonal basis. Those who are employed work in industries including education, transportation, and construction.<sup>24</sup> Small scale farming and logging are still economically important in the area.<sup>25</sup> Tourism is also increasing in importance in Petersburg. The area draws visitors to engage in recreational activities, such as hunting, dog mushing, snowmobiling, and cross-country skiing. This activity has led to development of some retail and service businesses in the region.<sup>26</sup> A lodge and several bed and breakfast businesses are located in the area.<sup>27</sup> Historically, mining was an important local industry. Today, although some small operations are under development, mining is no longer a significant employer in the Petersburg area.<sup>28</sup> No additional information was available from the Alaska Department of Labor and Workforce Development regarding top employers in Petersburg.<sup>29</sup>

Although the U.S. Decennial Census reported four residents age 16 or over in Petersburg in 2010, household surveys conducted for the 2006-2010 ACS did not collect data from local residents.<sup>30</sup> Given this, the civilian labor force was thus estimated to be zero and no earnings were reported in Petersburg through the 2006-2010 ACS. In 2000, the per capita income in Petersburg was \$43,200 and the median household income was \$43,750. Taking inflation into account by converting the 2000 values to 2010 dollars,<sup>31</sup> the real per capita income in 2000 is shown to have been \$56,807, and the real median household income in 2000 was \$57,531. In the year 2000, Petersburg ranked 6<sup>th</sup> of 344 Alaskan communities with per capita income data that year, and 121<sup>st</sup> in median household income, out of 341 Alaskan communities with household income data. In 2000, no Petersburg residents were below the poverty level, compared to 9.4% of Alaskan residents overall.

An alternative estimate of 2010 per capita income can be generated using economic data compiled by the Alaska Local and Regional Information (ALARI) database maintained by the DOLWD. The ALARI database estimated that there were 12 residents age 16 and over in the

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<sup>23</sup> Unless otherwise noted, all monetary data are reported in nominal values.

<sup>24</sup> Alaska Dept. of Comm. and Rural Affairs. (n.d.). *Community Database Online*. Retrieved October 17, 2011 from [http://www.commerce.state.ak.us/dca/commdb/CF\\_BLOCK.htm](http://www.commerce.state.ak.us/dca/commdb/CF_BLOCK.htm).

<sup>25</sup> See footnote 14.

<sup>26</sup> National Park Service. 2006. *Denali National Park and Preserve: Final South Denali Implementation Plan and Environmental Impact Statement*. Retrieved May 23, 2012 from [http://www.matsugov.us/denali/documents/proof\\_book\\_000.pdf](http://www.matsugov.us/denali/documents/proof_book_000.pdf).

<sup>27</sup> See footnote 24.

<sup>28</sup> National Park Service. 2006. *Denali National Park and Preserve: Final South Denali Implementation Plan and Environmental Impact Statement*. Retrieved May 23, 2012 from [http://www.matsugov.us/denali/documents/proof\\_book\\_000.pdf](http://www.matsugov.us/denali/documents/proof_book_000.pdf).

<sup>29</sup> Alaska Dept. of Labor and Workforce Development (n.d.). *Alaska Local and Regional Information*. Retrieved May 22, 2012 from: <http://live.laborstats.alaska.gov/alari/>.

<sup>30</sup> U.S. Census Bureau (n.d.). *Profile of selected social, economic and housing characteristics of all places within Alaska*. Datasets utilized include the 2010 American Community Survey 5-year estimates. Retrieved November 1, 2011 from <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>.

<sup>31</sup> Inflation was calculated using the Anchorage Consumer Price Index for 2010 (retrieved January 5, 2012 from the Alaska Department of Labor, <http://labor.alaska.gov/research/cpi/inflationcalc.htm>).

civilian labor force in 2010. Of these, six residents were estimated to be employed that year.<sup>32</sup> If total wages reported in the ALARI database for 2010 are divided by the 2010 population reported by the U.S. Census, the resulting per capita income estimate for Petersville in 2010 is \$43,745.<sup>33</sup> This estimate is lower than the real per capita income reported in the year 2000, providing evidence that per capita income may have decreased in Petersville between 2000 and 2010. However, given the different data sources used to generate the 2000 and 2010 statistics, caution should be used when considering this information.

The possible decrease in per capita income is reflected in the fact that Petersville met the Denali Commission's criteria as a "distressed community" in 2010,<sup>34</sup> indicating that over 70% of residents aged 16 and older earned less than \$16,120 in 2010. It should be noted that both U.S. Census and DOLWD data are based on wage earnings, and these income figures do not take into account the value of subsistence within the local economy.

Given Petersville's small population size, the 2006-2010 ACS did not estimate employment statistics for 2010.<sup>35</sup> Income and employment information was reported in the 2000 decennial census, when 27 individuals resided in the community. Of 12 Petersville residents aged 16 or older in 2000, all (100%) were in the civilian labor force that year, compared to 67.6% that were in the civilian labor force statewide. Of these 12, 6 were employed and 6 were unemployed, for an unemployment rate of 50%, compared to a statewide unemployment rate of 6.1% in 2000. That year, all six employed individuals in Petersville worked in the public sector, in management/professional occupations in educational, health, and social services industries. This information from the 2000 Census about employment by industry is presented in Figure 3, and employment is broken down by occupation in Figure 4.

An alternative estimate of employment is provided by economic data compiled in the ALARI database, which indicate that there were six employed residents in 2010, of which two were employed in leisure and hospitality, one in manufacturing, one in trade, transportation, and utilities, one in professional and business services, and one in local government.<sup>36</sup> As with income statistics, it should also be noted that ACS and DOLWD employment statistics do not reflect residents' activity in the subsistence economy.

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<sup>32</sup> See footnote 29.

<sup>33</sup> See footnotes 29 and 30.

<sup>34</sup> Denali Commission. 2011. *Distressed Community Criteria 2011 Update*. Retrieved April 16, 2012 from [www.denali.gov](http://www.denali.gov).

<sup>35</sup> While American Community Survey (ACS) estimates can provide a good snapshot estimate for larger populations, smaller populations can be misrepresented by ACS estimates if demographic information is not collected from a representative sample of the population. This is especially problematic for Alaskan communities with small populations that have a low probability of being adequately sampled.

<sup>36</sup> See footnote 29.

Figure 3. Local Employment by Industry in 2000-2010, Petersville (U.S. Census).

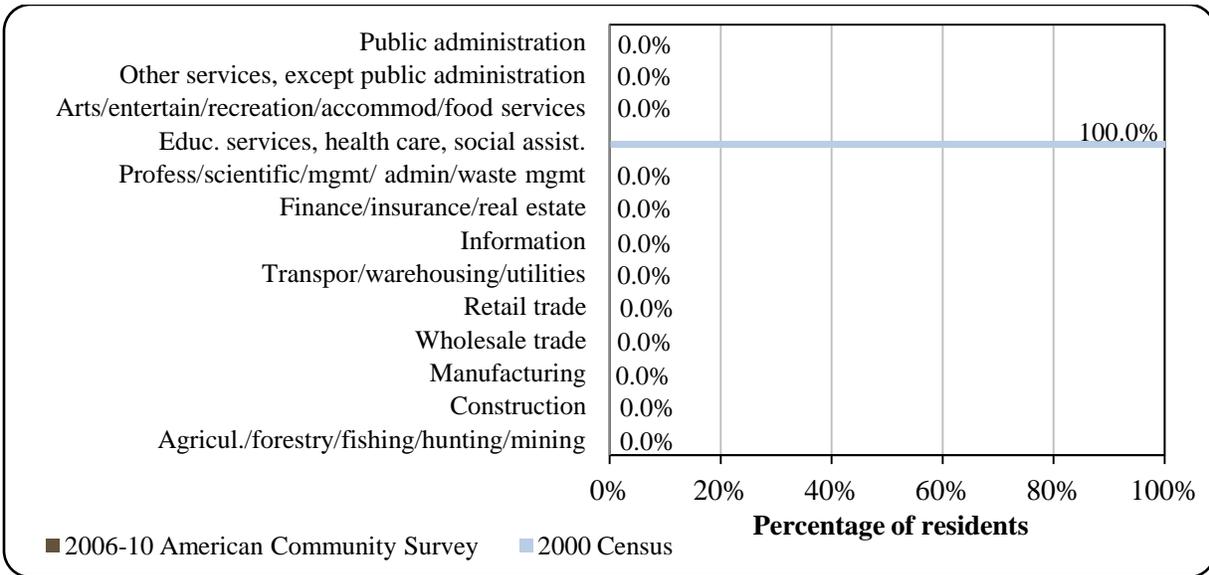
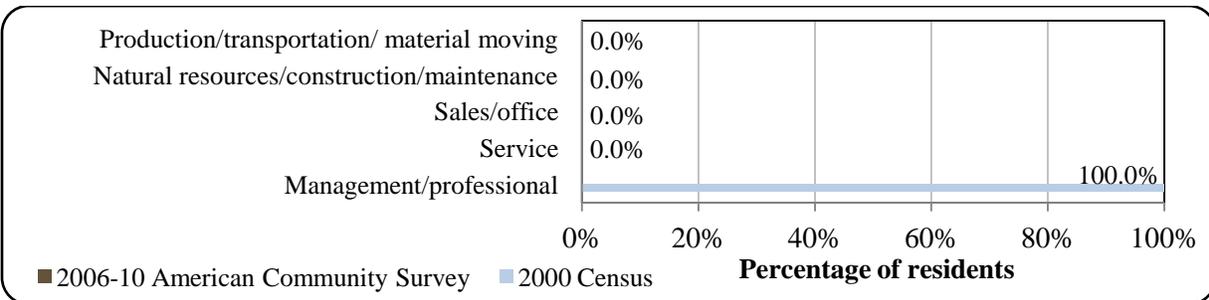


Figure 4. Local Employment by Occupation in 2000-2010, Petersville (U.S. Census).



## Governance

Petersville is an unincorporated community located in the Matanuska-Susitna Borough.<sup>37</sup> No sales tax is administered in Petersville, although the Borough does collect a 10.35 mills property tax, a 5% Bed Tax, and a 5.29% Tobacco Excise Tax.<sup>38</sup> The community is represented by the Petersville Community Council, an advisory body established by the Borough,<sup>39</sup> which provides citizens with the opportunity for maximum community involvement.<sup>40</sup> No municipal revenue was reported between 2000 and 2010. In addition, no information was reported

<sup>37</sup> Alaska Dept. of Comm. and Rural Affairs. (n.d.). *Community Database Online*. Retrieved October 17, 2011 from [http://www.commerce.state.ak.us/dca/commdb/CF\\_BLOCK.htm](http://www.commerce.state.ak.us/dca/commdb/CF_BLOCK.htm).

<sup>38</sup> Alaska Dept. of Comm. And Rural Affairs. (n.d.). *Community Information Summaries*. Retrieved December 27, 2011 from [http://www.commerce.state.ak.us/dca/commdb/CF\\_CIS.htm](http://www.commerce.state.ak.us/dca/commdb/CF_CIS.htm).

<sup>39</sup> National Park Service. 2006. *Denali National Park and Preserve: Final South Denali Implementation Plan and Environmental Impact Statement*. Retrieved May 23, 2012 from [http://www.matsugov.us/denali/documents/proof\\_book\\_000.pdf](http://www.matsugov.us/denali/documents/proof_book_000.pdf).

<sup>40</sup> *Petersville Road Corridor Management Plan*. 1998. Retrieved May 23, 2012 from <http://www.southdenali.alaska.gov/includes/pvcorridormp.pdf>.

regarding State and Community Revenue Sharing contributions or fisheries-related grants received by the Petersville between 2000 and 2010 (Table 2).

Petersville was not included under the Alaska Native Claims Settlement Act (ANCSA), and is not federally recognized as a Native village.<sup>41</sup> The nearest office of the Alaska Department of Fish and Game (ADF&G) is located in Palmer, and the nearest office of the Alaska Department of Natural Resources is located in Wasilla. Offices of these agencies are also located in Anchorage, along with the closest offices of the Alaska Department of Commerce, Community, and Economic Development, the National Marine Fisheries Service (NMFS), and the U.S. Bureau of Citizenship and Immigration Services.

Table 2. Selected Municipal, State, or Federal Revenue Streams for the Community of Petersville from 2000 to 2010.

Year	Total Municipal Revenue <sup>1</sup>	Sales Tax Revenue <sup>2</sup>	State/Community Revenue Sharing <sup>3,4</sup>	Fisheries-Related Grants (State and Federal) <sup>5</sup>
2000	n/a	n/a	n/a	n/a
2001	n/a	n/a	n/a	n/a
2002	n/a	n/a	n/a	n/a
2003	n/a	n/a	n/a	n/a
2004	n/a	n/a	n/a	n/a
2005	n/a	n/a	n/a	n/a
2006	n/a	n/a	n/a	n/a
2007	n/a	n/a	n/a	n/a
2008	n/a	n/a	n/a	n/a
2009	n/a	n/a	n/a	n/a
2010	n/a	n/a	n/a	n/a

<sup>1</sup> Alaska Dept. of Comm. and Rural Affairs. (n.d.). *Financial Documents Delivery System*. Retrieved April 15, 2011 from [http://www.commerce.state.ak.us/dcra/commfin/CF\\_FinRec.cfm](http://www.commerce.state.ak.us/dcra/commfin/CF_FinRec.cfm).

<sup>2</sup> Alaska Dept. of Comm. and Econ. Dev. (n.d.). *Alaska Taxable (2000-2010)*. Retrieved April 15, 2011 from [http://www.commerce.state.ak.us/dca/osa/osa\\_summary.cfm](http://www.commerce.state.ak.us/dca/osa/osa_summary.cfm).

<sup>3</sup> Alaska Dept. of Rev. (n.d.). *(2000-2009) Taxes and Fees Annual Report*. Retrieved April 15, 2011 from <https://www.tax.state.ak.us>.

<sup>4</sup> The State Revenue Sharing program ceased in 2003 and was replaced by the Community Revenue Sharing program starting in 2009.

<sup>5</sup> Alaska Dept. of Comm. and Rural Affairs. (n.d.). *Community Funding Database*. Retrieved April 15, 2011 from [http://www.commerce.state.ak.us/dca/commdb/CF\\_Grants.htm](http://www.commerce.state.ak.us/dca/commdb/CF_Grants.htm).

## Infrastructure

### *Connectivity and Transportation*

Petersville is located approximately 30 miles out the state-maintained Petersville Road, which leaves the George Parks Highway at Trapper Creek. A four-wheel drive or high-clearance vehicle is recommended for travel on this road, as the second half of the trip is primitive

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<sup>41</sup> See footnote 37.

roadway.<sup>42,43</sup> The closest non-commercial airstrip is located in Talkeetna,<sup>44</sup> while a variety of transportation means are available in Wasilla and Palmer.<sup>45</sup>

### *Facilities*

The majority of year-round residents have individual wells, septic tanks, and complete plumbing. Residents of seasonal homes haul water and use outhouses. There is no central electric system in Petersville, and residents use private generators. A borough refuse transfer facility is available in Trapper Creek. Police services are provided by state troopers stationed approximately 50 miles away in Talkeetna. The nearest fire and rescue services are available from Fire Station 112, approximately 100 miles away in Wasilla. Local and long-distance telephone service is available, but no internet or cable providers offer service locally.<sup>46</sup> Except for ambulance and rescue service, no other public services are provided locally.<sup>47</sup>

### *Medical Services*

The nearest medical services are provided at the Sunshine Community Health Center in Talkeetna (approximately 50 road miles away) or the Valley Hospital in Palmer (approximately 115 road miles). Anchorage-area hospitals are also accessible to Petersville residents by road. Alternate health care is provided by Trapper Creek Ambulance Service.<sup>48</sup>

### *Educational Opportunities*

No schools are located in Petersville, although the community is part of the Mat-Su Borough School District.<sup>49</sup> The nearest elementary school is located in Trapper Creek (30 miles away by road), while the closest combined middle/high school is the Su-Valley High School located near Talkeetna along the George Parks Highway (60 miles away). Some students may also be homeschooled through correspondence programs such as Mat-Su Central School, or other state, federal, or church correspondence programs.<sup>50</sup>

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<sup>42</sup> See footnote 39.

<sup>43</sup> Alaska Dept. of Natural Resources. 2012. *Fact Sheet: Petersville Recreation Mining Area*. Retrieved May 24, 2012 from [http://dnr.alaska.gov/mlw/factsht/mine\\_fs/petersvi.pdf](http://dnr.alaska.gov/mlw/factsht/mine_fs/petersvi.pdf).

<sup>44</sup> Airport information retrieved November 21, 2011 from [www.airnav.com](http://www.airnav.com).

<sup>45</sup> See footnote 37.

<sup>46</sup> Ibid.

<sup>47</sup> National Park Service. 2006. *Denali National Park and Preserve: Final South Denali Implementation Plan and Environmental Impact Statement*. Retrieved May 23, 2012 from [http://www.matsugov.us/denali/documents/proof\\_book\\_000.pdf](http://www.matsugov.us/denali/documents/proof_book_000.pdf).

<sup>48</sup> Alaska Dept. of Comm. and Rural Affairs. (n.d.). *Community Database Online*. Retrieved October 17, 2011 from [http://www.commerce.state.ak.us/dca/commdb/CF\\_BLOCK.htm](http://www.commerce.state.ak.us/dca/commdb/CF_BLOCK.htm).

<sup>49</sup> Alaska Department of Education and Early Development. (2012). *Statistics and Reports*. Retrieved April 24, 2012 from <http://eed.alaska.gov/stats/>.

<sup>50</sup> Personal communication, Mat-Su Borough School District administrator. July 13, 2012.

## **Involvement in North Pacific Fisheries**

### *History and Evolution of Fisheries*

Historically, Dena'ina Athabascan people had permanent village sites near Petersville, in the Susitna River drainage. In the spring, the Dena'ina established fish camps near their village sites, and during summer months they harvested and processed large quantities of Chinook, sockeye, and coho salmon. The salmon was dried and stored at permanent village sites.<sup>51</sup>

Today, residents of Petersville and the surrounding region continue to utilize salmon resources, as well as additional freshwater species, for subsistence and recreational fishing purposes. No commercial fisheries take place in the immediate vicinity of Petersville. Cook Inlet provides the nearest access to the ocean. A commercial salmon fishery takes place in Cook Inlet.<sup>52</sup> Gulf of Alaska (GOA) waters beyond Cook Inlet are encompassed by Federal Statistical and Reporting Area 630, Pacific Halibut Fishery Regulatory Area 3A, and the Central GOA Sablefish Regulatory Area.

### *Processing Plants*

The 2010 ADF&G Intent to Operate list did not list any registered processing plants in Petersville. The list did indicate that over 10 facilities were in operation in Anchorage that year, along with two in Wasilla.

### *Fisheries-Related Revenue*

No information was reported between 2000 and 2010 regarding fisheries-related revenue earned in the community of Petersville (Table 3).

### *Commercial Fishing*

Between 2000 and 2010, no Petersville residents were involved in commercial fisheries in Alaska. No permits were held in federal or state fisheries (Table 4), and no residents held quota share accounts or quota shares in federal catch share fisheries for halibut, sablefish, or crab (Tables 6 through 8). No residents held commercial crew licenses or were the primary owner of a fishing vessel during the 2000-2010 period. Further, no vessels were homeported in Petersville (Table 5). Given the lack of fish-buyers or processing facilities in the community between 2000 and 2010 (Table 5), no landings and ex-vessel revenue were generated in Petersville (Table 9). In addition, the lack of vessel owners in Petersville (Table 5) led to a lack of landings and ex-vessel revenue generated by local residents (Table 10).

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<sup>51</sup> Fall, James and Dan Foster. 1987. *Fish and Game Harvest and Use in the Middle Susitna Basin*. Retrieved May 23, 2012 from <http://www.subsistence.adfg.state.ak.us/TechPap/tp143.pdf>.

<sup>52</sup> Clark, McGregor, Mecum, Krasnowski and Carroll. 2006. The Commercial Salmon Fishery in Alaska. *Alaska Fisheries Research Bulletin* 12(1):1-146. Alaska Dept. of Fish and Game. Retrieved January 4, 2012 from <http://www.adfg.alaska.gov/static/home/library/PDFs/afrb/clarv12n1.pdf>.

Table 3. Known Fisheries-Related Revenue (in U.S. Dollars) Received by the Community of Petersburg: 2000-2010.

Revenue source	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Raw fish tax <sup>1</sup>	n/a										
Shared Fisheries Business Tax <sup>1</sup>	n/a										
Fisheries Resource Landing Tax <sup>1</sup>	n/a										
Fuel transfer tax <sup>2</sup>	n/a										
Extraterritorial fish tax <sup>2</sup>	n/a										
Bulk fuel transfers <sup>1</sup>	n/a										
Boat hauls <sup>2</sup>	n/a										
Harbor usage <sup>2</sup>	n/a										
Port/dock usage <sup>2</sup>	n/a										
Fishing gear storage on public land <sup>3</sup>	n/a										
Marine fuel sales tax <sup>3</sup>	n/a										
<i>Total fisheries-related revenue<sup>4</sup></i>	<i>n/a</i>										
<i>Total municipal revenue<sup>5</sup></i>	<i>n/a</i>										

Note: n/a indicates that no data were reported for that year.

<sup>1</sup> Alaska Dept. of Comm. and Econ. Dev. (n.d.) *Alaska Taxable (2000-2010)*. Retrieved April 15, 2011 from [http://www.commerce.state.ak.us/dca/osa/osa\\_summary.cfm](http://www.commerce.state.ak.us/dca/osa/osa_summary.cfm).

<sup>2</sup> Alaska Dept. of Comm. and Rural Affairs. (n.d.) *Financial Documents Delivery System*. Retrieved April 15, 2011 at [http://www.commerce.state.ak.us/dcra/commfin/CF\\_FinRec.cfm](http://www.commerce.state.ak.us/dcra/commfin/CF_FinRec.cfm).

<sup>3</sup> Reported by community leaders in a survey conducted by the AFSC in 2011.

<sup>4</sup> Total fisheries related revenue represents a sum of all known revenue sources in the previous rows.

<sup>5</sup> Total municipal revenue represents the total revenue that the city reports each year in its municipal budget. Alaska Dept. of Comm. and Rural Affairs. (n.d.) *Financial Documents Delivery System*. Retrieved April 15, 2011 at [http://www.commerce.state.ak.us/dcra/commfin/CF\\_FinRec.cfm](http://www.commerce.state.ak.us/dcra/commfin/CF_FinRec.cfm).

NOAA-TM-AFSC-259 – Volume 2  
Community Profiles for North Pacific Fisheries – Alaska: Petersburg

Table 4. Permits and Permit Holders by Species, Petersburg: 2000-2010.

Species		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Groundfish (LLP) <sup>1</sup>	Total permits	0	0	0	0	0	0	0	0	0	0	0
	Active permits	0	0	0	0	0	0	0	0	0	0	0
	% of permits fished	-	-	-	-	-	-	-	-	-	-	-
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Crab (LLP) <sup>1</sup>	Total permits	0	0	0	0	0	0	0	0	0	0	0
	Active permits	0	0	0	0	0	0	0	0	0	0	0
	% of permits fished	-	-	-	-	-	-	-	-	-	-	-
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Federal Fisheries Permits <sup>1</sup>	Total permits	0	0	0	0	0	0	0	0	0	0	0
	Fished permits	0	0	0	0	0	0	0	0	0	0	0
	% of permits fished	-	-	-	-	-	-	-	-	-	-	-
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Crab (CFEC) <sup>2</sup>	Total permits	0	0	0	0	0	0	0	0	0	0	0
	Fished permits	0	0	0	0	0	0	0	0	0	0	0
	% of permits fished	-	-	-	-	-	-	-	-	-	-	-
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Other shellfish (CFEC) <sup>2</sup>	Total permits	0	0	0	0	0	0	0	0	0	0	0
	Fished permits	0	0	0	0	0	0	0	0	0	0	0
	% of permits fished	-	-	-	-	-	-	-	-	-	-	-
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Halibut (CFEC) <sup>2</sup>	Total permits	0	0	0	0	0	0	0	0	0	0	0
	Fished permits	0	0	0	0	0	0	0	0	0	0	0
	% of permits fished	-	-	-	-	-	-	-	-	-	-	-
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Herring (CFEC) <sup>2</sup>	Total permits	0	0	0	0	0	0	0	0	0	0	0
	Fished permits	0	0	0	0	0	0	0	0	0	0	0
	% of permits fished	-	-	-	-	-	-	-	-	-	-	-
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0

Table 4 Cont. Permits and Permit Holders by Species, Petersburg: 2000-2010.

Species		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Sablefish (CFEC) <sup>2</sup>	Total permits	0	0	0	0	0	0	0	0	0	0	0
	Fished permits	0	0	0	0	0	0	0	0	0	0	0
	% of permits fished	-	-	-	-	-	-	-	-	-	-	-
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Groundfish (CFEC) <sup>2</sup>	Total permits	0	0	0	0	0	0	0	0	0	0	0
	Fished permits	0	0	0	0	0	0	0	0	0	0	0
	% of permits fished	-	-	-	-	-	-	-	-	-	-	-
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Other Finfish (CFEC) <sup>2</sup>	Total permits	0	0	0	0	0	0	0	0	0	0	0
	Fished permits	0	0	0	0	0	0	0	0	0	0	0
	% of permits fished	-	-	-	-	-	-	-	-	-	-	-
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Salmon (CFEC) <sup>2</sup>	Total permits	0	0	0	0	0	0	0	0	0	0	0
	Fished permits	0	0	0	0	0	0	0	0	0	0	0
	% of permits fished	-	-	-	-	-	-	-	-	-	-	-
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
<i>Total CFEC Permits<sup>2</sup></i>	<i>Permits</i>	<i>0</i>										
	<i>Fished permits</i>	<i>0</i>										
	<i>% of permits fished</i>	<i>-</i>										
	<i>Permit holders</i>	<i>0</i>										

<sup>1</sup>National Marine Fisheries Service. 2011. Data on License Limitation Program, Alaska Federal Processor Permits (FPP), Federal Fisheries Permits (FFP), and Permit holders. NMFS Alaska Regional Office. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

<sup>2</sup>Alaska Commercial Fisheries Entry Commission. 2011. Alaska commercial fishing permits, permit holders, and vessel licenses, 2000 – 2010. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

Table 5. Characteristics of the Commercial Fishing Sector in Petersburg: 2000-2010.

Year	Crew License Holders <sup>1</sup>	Count Of All Fish Buyers <sup>2</sup>	Count Of Shore-Side Processing Facilities <sup>3</sup>	Vessels Primarily Owned By Residents <sup>4</sup>	Vessels Homeported <sup>4</sup>	Vessels Landing Catch In Petersburg <sup>2</sup>	Total Net Lbs Landed In Petersburg <sup>2,5</sup>	Total Ex-Vessel Value Of Landings In Petersburg <sup>2,5</sup>
2000	0	0	0	0	0	0	0	\$0
2001	0	0	0	0	0	0	0	\$0
2002	0	0	0	0	0	0	0	\$0
2003	0	0	0	0	0	0	0	\$0
2004	0	0	0	0	0	0	0	\$0
2005	0	0	0	0	0	0	0	\$0
2006	0	0	0	0	0	0	0	\$0
2007	0	0	0	0	0	0	0	\$0
2008	0	0	0	0	0	0	0	\$0
2009	0	0	0	0	0	0	0	\$0
2010	0	0	0	0	0	0	0	\$0

<sup>1</sup> Alaska Department of Fish and Game. 2011. Alaska sport fish and crew license holders, 2000 – 2010. ADF&G Division of Administrative Services. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

<sup>2</sup> Alaska Department of Fish and Game, and Alaska Commercial Fisheries Entry Commission. 2011. Alaska fish ticket data. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

<sup>3</sup> Alaska Department of Fish and Game. (2011). Data on Alaska fish processors. ADF&G Division of Commercial Fisheries. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

<sup>4</sup> Alaska Commercial Fisheries Entry Commission. 2011. Alaska commercial fishing permits, permit holders, and vessel licenses, 2000 – 2010. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

<sup>5</sup> Totals only represent non-confidential data.

Table 6. Halibut Catch Share Program Participation by Residents of Petersburg: 2000-2010.

<b>Year</b>	<b>Number of Halibut Quota Share Account Holders</b>	<b>Halibut Quota Shares Held</b>	<b>Halibut IFQ Allotment (lbs)</b>
2000	0	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0

Source: National Marine Fisheries Service. 2011. Alaska Individual Fishing Quota (IFQ) permit data. NMFS Alaska Regional Office. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

Table 7. Sablefish Catch Share Program Participation by Residents of Petersburg: 2000-2010.

<b>Year</b>	<b>Number of Sablefish Quota Share Account Holders</b>	<b>Sablefish Quota Shares Held</b>	<b>Sablefish IFQ Allotment (lbs)</b>
2000	0	0	0
2001	0	0	0
2002	0	0	0
2003	0	0	0
2004	0	0	0
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0

Source: National Marine Fisheries Service. 2011. Alaska Individual Fishing Quota (IFQ) permit data. NMFS Alaska Regional Office. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

Table 8. Bering Sea and Aleutian Island Crab Catch Share Program Participation by Residents of Petersburg: 2000-2010.

<b>Year</b>	<b>Number of Crab Quota Share Account Holders</b>	<b>Crab Quota Shares Held</b>	<b>Crab IFQ Allotment (lbs)</b>
2005	0	0	0
2006	0	0	0
2007	0	0	0
2008	0	0	0
2009	0	0	0
2010	0	0	0

Source: National Marine Fisheries Service. 2011. Alaska Individual Fishing Quota (IFQ) permit data. NMFS Alaska Regional Office. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

Table 9. Landed Lbs and Ex-vessel Revenue, by Species, in Petersburg: 2000-2010.

	<i>Total Net Pounds<sup>1</sup></i>										
	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>
Crab	0	0	0	0	0	0	0	0	0	0	0
Finfish	0	0	0	0	0	0	0	0	0	0	0
Halibut	0	0	0	0	0	0	0	0	0	0	0
Herring	0	0	0	0	0	0	0	0	0	0	0
Other Groundfish	0	0	0	0	0	0	0	0	0	0	0
Other Shellfish	0	0	0	0	0	0	0	0	0	0	0
Pacific Cod	0	0	0	0	0	0	0	0	0	0	0
Pollock	0	0	0	0	0	0	0	0	0	0	0
Sablefish	0	0	0	0	0	0	0	0	0	0	0
Salmon	0	0	0	0	0	0	0	0	0	0	0
<i>Total<sup>2</sup></i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
	<i>Ex-vessel Value (nominal U.S. dollars)</i>										
	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>
Crab	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Finfish	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Halibut	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Herring	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Groundfish	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Shellfish	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pacific Cod	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pollock	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sablefish	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Salmon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total<sup>2</sup></i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>

Source: Alaska Department of Fish and Game, and Alaska Commercial Fisheries Entry Commission. 2011. Alaska fish ticket data. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

<sup>1</sup> Net lbs refers to the landed weight recorded in fish tickets.

<sup>2</sup> Totals only represent non-confidential data.

Table 10. Landed Lbs and Ex-vessel Revenue, by Species, by Petersburg Residents: 2000-2010.

	<i>Total Net Pounds<sup>1</sup></i>										
	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>
Crab	0	0	0	0	0	0	0	0	0	0	0
Finfish	0	0	0	0	0	0	0	0	0	0	0
Halibut	0	0	0	0	0	0	0	0	0	0	0
Herring	0	0	0	0	0	0	0	0	0	0	0
Other Groundfish	0	0	0	0	0	0	0	0	0	0	0
Other Shellfish	0	0	0	0	0	0	0	0	0	0	0
Pacific Cod	0	0	0	0	0	0	0	0	0	0	0
Pollock	0	0	0	0	0	0	0	0	0	0	0
Sablefish	0	0	0	0	0	0	0	0	0	0	0
Salmon	0	0	0	0	0	0	0	0	0	0	0
<i>Total<sup>2</sup></i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>
	<i>Ex-vessel Value (nominal U.S. dollars)</i>										
	<i>2000</i>	<i>2001</i>	<i>2002</i>	<i>2003</i>	<i>2004</i>	<i>2005</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>
Crab	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Finfish	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Halibut	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Herring	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Groundfish	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Shellfish	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pacific Cod	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Pollock	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sablefish	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Salmon	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total<sup>2</sup></i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>

Source: Alaska Department of Fish and Game, and Alaska Commercial Fisheries Entry Commission. 2011. Alaska fish ticket data. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

<sup>1</sup> Net lbs refers to the landed weight recorded in fish tickets.

<sup>2</sup> Totals only represent non-confidential data.

*Recreational Fishing*

Between 2000 and 2010, no active sport fish guide businesses or licensed sport fish guides were registered in the community of Petersburg. Further, no residents purchased sportfishing licenses during this period, and no sportfishing licenses were sold in the community. However, these numbers do not reflect the activity of the large number of individuals who reside in Petersburg on a seasonal basis, and for whom sport hunting and fishing are an important part of the local lifestyle.<sup>53</sup>

It is important to note that recreational fishing is a popular activity in the region generally. Petersburg is located within Alaska Sport Fishing Survey Area M – Susitna River drainage. Information is available about freshwater sport fishing only at this regional level. Between 2000 and 2010, non-Alaska resident anglers fished an average of 57,330 days per year, while Alaska resident anglers fished an average of 118,222 days per year. This information about sport fishing trends in Petersburg and the Susitna River drainage is presented in Table 11.

Table 11. Sportfishing trends, Petersburg: 2000-2010.

Year	Active Sport Fish Guide Businesses <sup>1</sup>	Sport Fish Guide Licenses <sup>1</sup>	Sport Fishing Licenses Sold to Residents <sup>2</sup>	Sport Fishing Licenses Sold in Petersburg <sup>2</sup>	Freshwater Angler Days Fished – Non-residents <sup>3</sup>	Freshwater Angler Days Fished – Alaska Residents <sup>3</sup>
2000	0	0	0	0	64,141	177,316
2001	0	0	0	0	71,249	128,658
2002	0	0	0	0	59,863	126,516
2003	0	0	0	0	56,844	131,687
2004	0	0	0	0	56,934	130,366
2005	0	0	0	0	68,753	100,803
2006	0	0	0	0	63,255	109,462
2007	0	0	0	0	58,471	115,578
2008	0	0	0	0	49,911	98,827
2009	0	0	0	0	40,797	99,404
2010	0	0	0	0	40,414	81,821

<sup>1</sup> Alaska Department of Fish and Game. 2011. Alaska sport fish guide licenses and businesses, 2000 – 2010. ADF&G Division of Administrative Services. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

<sup>2</sup> Alaska Department of Fish and Game. 2011. Alaska sport fish and crew license holders, 2000 – 2010. ADF&G Division of Administrative Services. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

<sup>3</sup> Alaska Department of Fish and Game. 2011. Alaska Sport Fishing Survey results, 2000 – 2010. ADF&G Division of Sport Fish, Alaska Statewide Harvest Survey project. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. <http://www.adfg.alaska.gov/sf/sportfishingsurvey/> (Accessed September 2011).

<sup>53</sup> Alaska Dept. of Comm. and Rural Affairs. (n.d.). *Community Database Online*. Retrieved October 17, 2011 from [http://www.commerce.state.ak.us/dca/commdb/CF\\_BLOCK.htm](http://www.commerce.state.ak.us/dca/commdb/CF_BLOCK.htm).

The Alaska Statewide Harvest Survey,<sup>54</sup> conducted by ADF&G between 2000 and 2010, did not report on species targeted by private anglers in Petersville. However, the survey noted the following species targeted by sport fisheries downstream in the community of Willow during the 2000-2010 period. In freshwater, anglers caught all five species of salmon, rainbow trout, Dolly Varden, Arctic grayling, northern pike, burbot, and smelt. Anglers from Willow also traveled to saltwater to fish for Pacific halibut, rockfish, lingcod, and Pacific cod. The survey also noted sport harvest of razor clams, hardshell clams, and shrimp by Willow sport fishers.

Given the lack of sportfish businesses, no kept/release log book data were reported for fishing charters out of Petersville between 2000 and 2010.<sup>55</sup>

### *Subsistence Fishing*

Subsistence activities are an important part of the local lifestyle in Petersville.<sup>56</sup> Very little information was reported by ADF&G regarding subsistence harvest activities in Petersville between 2000 and 2010. The low population of permanent residents in the community may affect statistics reported here, as the subsistence harvest activities of seasonal residents may be reported for the community in which they make their primary residence.

In 2008, one subsistence salmon permit was issued to a Petersville household. The permit was returned that year, and the household reported harvesting 14 sockeye salmon. This information is presented in Table 13. No information was reported by management agencies regarding per capita subsistence harvest, the percentage of Petersville households participating in subsistence activities between 2000 and 2010 (Table 12), subsistence harvest of halibut (Table 14) or marine mammals (Table 15) during the 2000-2010 period.

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<sup>54</sup> Alaska Department of Fish and Game. 2011. *Alaska Sport Fishing Survey results, 2000 – 2010*. ADF&G Division of Sport Fish, Alaska Statewide Harvest Survey project. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. <http://www.adfg.alaska.gov/sf/sportfishingsurvey/> (Accessed September 2011).

<sup>55</sup> Alaska Department of Fish and Game. 2011. *Alaska sport fish charter logbook database, 2000 – 2010*. ADF&G Division of Administrative Services. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. [URL not publicly available as some information is confidential.]

<sup>56</sup> See footnote 53.

Table 12. Subsistence Participation by Household and Species, Petersville: 2000-2010.

Year	% Households Participating in Salmon Subsistence	% Households Participating in Halibut Subsistence	% Households Participating in Marine Mammal Subsistence	% Households Participating in Marine Invertebrate Subsistence	% Households Participating in Non-Salmon Fish Subsistence	Per Capita Subsistence Harvest (pounds)
2000	n/a	n/a	n/a	n/a	n/a	n/a
2001	n/a	n/a	n/a	n/a	n/a	n/a
2002	n/a	n/a	n/a	n/a	n/a	n/a
2003	n/a	n/a	n/a	n/a	n/a	n/a
2004	n/a	n/a	n/a	n/a	n/a	n/a
2005	n/a	n/a	n/a	n/a	n/a	n/a
2006	n/a	n/a	n/a	n/a	n/a	n/a
2007	n/a	n/a	n/a	n/a	n/a	n/a
2008	n/a	n/a	n/a	n/a	n/a	n/a
2009	n/a	n/a	n/a	n/a	n/a	n/a
2010	n/a	n/a	n/a	n/a	n/a	n/a

Note: n/a indicates that no data were reported for that year.

Source: Alaska Department of Fish and Game. 2011. Community Subsistence Information System (CSIS). ADF&G Division of Subsistence. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. <http://www.adfg.alaska.gov/sb/CSIS/> (Accessed February 2011).

Table 13. Subsistence Fishing Participation for Salmon, Marine Invertebrates, and Non-Salmon Fish, Petersville: 2000-2010.

Year	Subsistence Salmon Permits Issued <sup>1</sup>	Salmon Permits Returned <sup>1</sup>	Chinook Salmon Harvested <sup>1</sup>	Chum Salmon Harvested <sup>1</sup>	Coho Salmon Harvested <sup>1</sup>	Pink Salmon Harvested <sup>1</sup>	Sockeye Salmon Harvested <sup>1</sup>	Lbs of Marine Inverts <sup>2</sup>	Lbs of Non-Salmon Fish <sup>2</sup>
2000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2001	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2002	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2003	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2004	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2006	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2007	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2008	1	1	n/a	n/a	n/a	n/a	14	n/a	n/a
2009	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Note: n/a indicates that no data were reported for that year.

<sup>1</sup> Fall, J.A., C. Brown, N. Braem, J.J. Simon, W.E. Simeone, D.L. Holen, L. Naves, L. Hutchinson-Scarborough, T. Lemons, and T.M. Krieg. 2011, revised. Alaska subsistence salmon fisheries 2008 annual report. Alaska Department of Fish and Game Division of Subsistence, Technical Paper No. 359, Anchorage. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle.

<sup>2</sup> Alaska Department of Fish and Game. 2011. Community Subsistence Information System (CSIS). ADF&G Division of Subsistence. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle. <http://www.adfg.alaska.gov/sb/CSIS/> (Accessed February 2011).

Table 14. Subsistence Halibut Fishing Participation, Petersburg: 2003-2010.

Year	SHARC Issued	SHARC Cards Fished	SHARC Halibut Lbs Harvested
2003	n/a	n/a	n/a
2004	n/a	n/a	n/a
2005	n/a	n/a	n/a
2006	n/a	n/a	n/a
2007	n/a	n/a	n/a
2008	n/a	n/a	n/a
2009	n/a	n/a	n/a
2010	n/a	n/a	n/a

Note: n/a indicates that no data were reported for that year.

Source: Fall, J.A. and D. Koster. 2011. Subsistence harvests of Pacific halibut in Alaska, 2009. Alaska Department of Fish and Game Division of Subsistence, Technical Paper No. 357, Anchorage. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle.

Table 15. Subsistence Harvests of Marine Mammal Resources, Petersburg: 2000-2010.

Year	# of Beluga Whales <sup>1</sup>	# of Sea Otters <sup>2</sup>	# of Walrus <sup>2</sup>	# of Polar Bears <sup>2</sup>	# of Steller Sea Lions <sup>3</sup>	# of Harbor Seals <sup>3</sup>	# of Spotted Seals <sup>3</sup>
2000	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2001	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2002	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2003	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2004	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2005	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2006	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2007	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2008	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2009	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Note: n/a indicates that no data were reported for that year.

<sup>1</sup> Frost, K.J., and R.S. Suydam. 2010. Subsistence harvest of beluga or white whales (*Delphinapterus leucas*) in northern and western Alaska, 1987–2006. *J. Cetacean Res. Manage.* 11(3): 293–299. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle.

<sup>2</sup> U.S. Fish and Wildlife Service. 2011. Marking, Tagging and Reporting Program data bases for northern sea otter, Pacific walrus and polar bear. Office of Marine Mammals Management. Anchorage, Alaska. Data compiled by Alaska Fisheries Information Network for Alaska Fisheries Science Center, Seattle.

<sup>3</sup> Wolfe, R.J., Fall, J.A. and M. Riedel. 2009. The subsistence harvest of harbor seals and sea lions by Alaska Natives in 2008. Alaska Native Harbor Seal Commission and Alaska Department of Fish and Game Division of Subsistence, Technical Paper No. 347, Anchorage.