

## **Prudhoe Bay (PROO-doh Bay)**



### **People and Place**

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

Prudhoe Bay is adjacent to the Beaufort Sea, east of Nuiqsut. Prudhoe Bay is located in the Barrow Recording District and the North Slope Census Area and is part of the North Slope Borough. Prudhoe Bay is unincorporated and figures for Prudhoe Bay include nearby Deadhorse.

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

In 2010, there were 2,174 residents in Prudhoe Bay, making it the 43<sup>rd</sup> largest of 352 total Alaskan communities with recorded populations that year. Overall between 1990 and 2010, the population increased by 460%. Between 2001 and 2009, the Alaska Department of Labor (DOL) estimates show that the population fell by 40%, though the U.S. Census shows that the population increased substantially between 2000 and 2010. This is likely due to differences in how each source calculates population estimates, as DOL only counts the number of permanent residents that are eligible to collect the Permanent Fund Dividend and the U.S. Census counts all people living in a community, irrespective of whether they are temporary or permanent residents. In the case of Prudhoe Bay, the majority of those counted in the U.S. Census could be classified as temporary workers in the oil and gas industry and thus not eligible to collect the Permanent Fund Dividend. The Prudhoe Bay average annual growth rate between 2000 and 2009 was -1.71%, indicating a slow rate of population decline of permanent residents. The change in population from 1990 to 2010 is provided in Table 1.

The majority of residents in 2010 identified themselves as White (85.2%), with the remaining racial composition as follows: American Indian or Alaska Native (7.8%), Hispanic (4.0%), two or more races (1.9%), Black or African American (1.9%), Asian (1.6%), other (1.4%), and Native Hawaiian and Other Pacific Islander (0.1%). The percentage of the population composed of residents identifying themselves as White increased by 65.2% between 2000 and 2010, with corresponding decreases in the percentage of residents identifying themselves as two or more races and as Native American or Alaska Native. The changes in racial and ethnic composition from 2000 to 2010 are shown in Figure 1.

Estimates of household size, number of households, and number of housing units in 2010 were not available for Prudhoe Bay, potentially due to the nature of this community as a work camp for employees involved with the oil industry. These individuals live in employer-provided housing when in residence in Prudhoe Bay.

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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>.

Table 1. Population in Prudhoe Bay from 1990 to 2010 by Source.

Year	U.S. Decennial Census <sup>1</sup>	Alaska Dept. of Labor Estimate of Permanent Residents <sup>2</sup>
1990	47	-
2000	5	-
2001	-	5
2002	-	7
2003	-	4
2004	-	3
2005	-	2
2006	-	2
2007	-	3
2008	-	4
2009	-	3
2010	2,174	-

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

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

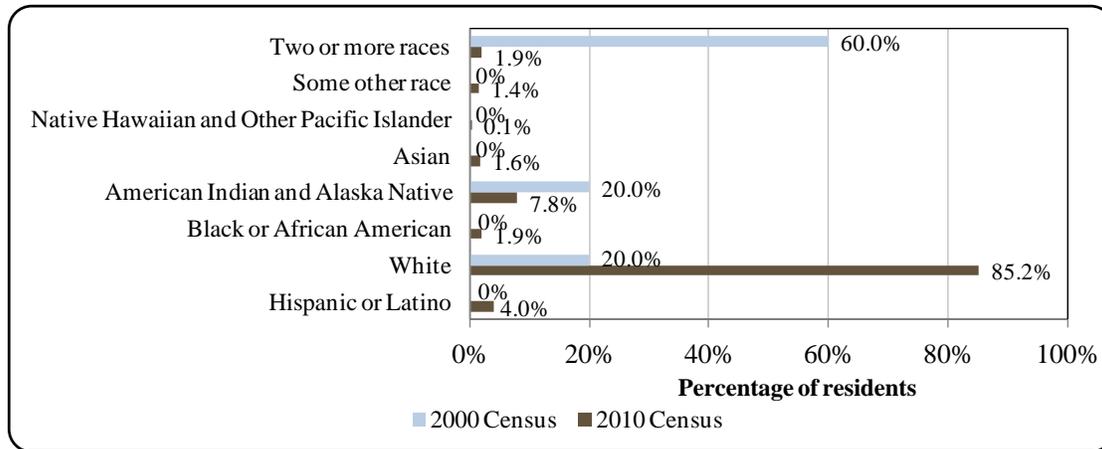
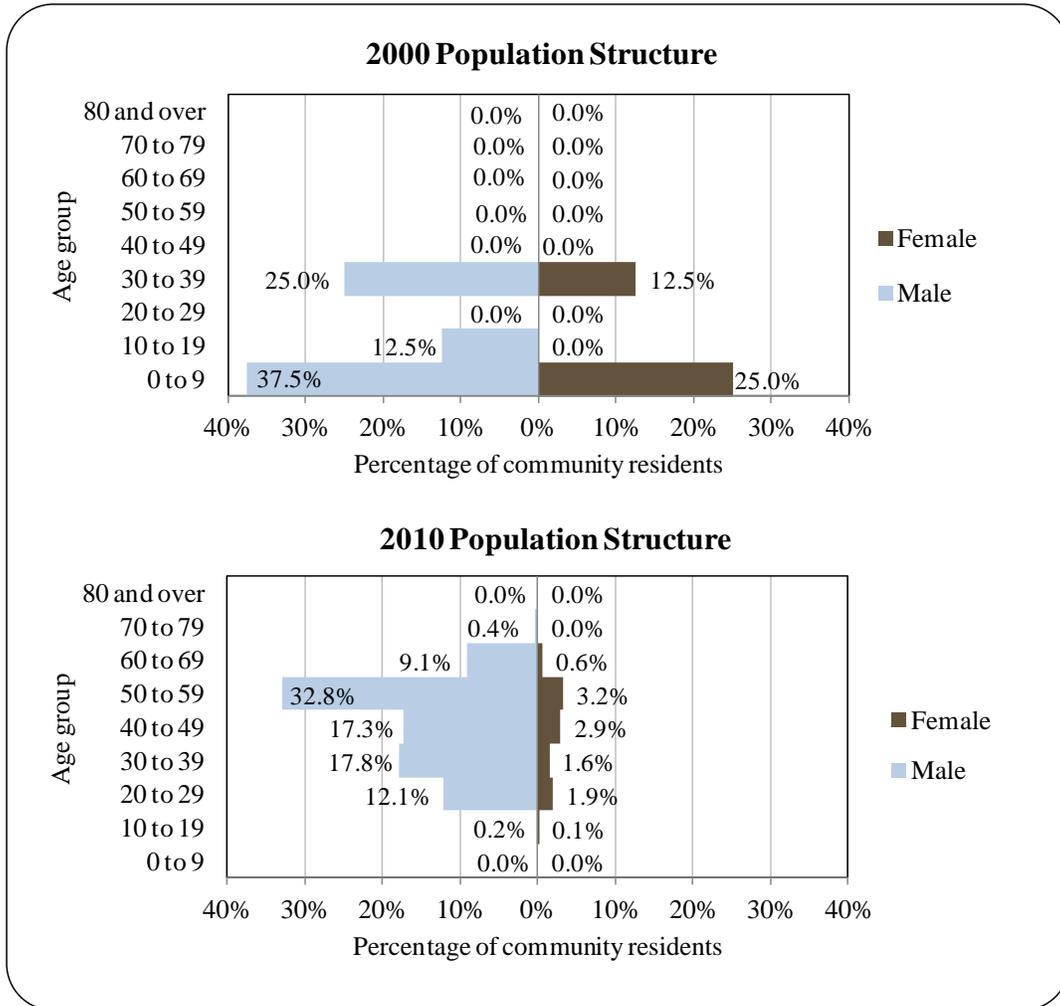


Figure 2. Population Age Structure in Prudhoe Bay Based on the 2000 and 2010 U.S. Decennial Census.



In 2010, the gender makeup was heavily skewed, at 90% male and 10% female, quite different from the state as a whole (52% male, 48% female). The median age in Prudhoe Bay was estimated to be 49.1 years, higher than the U.S. national average of 36.8 years and the median age for Alaska, 33.8 years. In 2010, the greatest percentage of residents fell within the age category 50-59 years old, with the next largest percentages falling within the age categories 40-49 years old and 30-39 years old. Relatively few people were 19 years old or younger and 60 years old or older. No data were reported by the 2000-2010 American Community Survey (ACS) regarding the educational attainment of Prudhoe Bay residents.<sup>3</sup>

<sup>3</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.

### *History, Traditional Knowledge, and Culture*<sup>4</sup>

The bay itself was named in 1828. The site was extensively developed for oil drilling operations in the 1970s. An 800-mile pipeline was constructed to transport crude oil from Prudhoe Bay to Valdez, where it is shipped in marine tankers to terminals throughout the country. The pipeline has 12 pump stations and a maximum capacity of 2 million barrels of crude oil per day. Prudhoe Bay is a large work camp for the oil industry. All residents are employees of oil-drilling or oil-production and support companies and work long consecutive shifts. Living quarters and food are provided to the workforce, and there are a number of recreational facilities.

### **Natural Resources and Environment**<sup>5</sup>

Prudhoe Bay is located on the North Slope of Alaska, which experiences an arctic climate. Temperatures range from -56 to 78 °F (-48.9 to 25.6 °C). Precipitation is light, averaging 5 inches per year, with 20 inches of snow per year.

The presence of oil drives the economy and population of Prudhoe Bay, which is entirely composed of employees of oil-drilling or oil-production and support companies.

In October 2010, a former U.S. Navy facility at the Deadhorse Airport in Prudhoe Bay was added to the list of facilities needing a Preliminary Assessment (PA) to determine whether the site should be listed under the Superfund program.<sup>6</sup> The PA had not yet been completed as of November 2011.

The Prudhoe Bay oil fields provide some 2-3% of the nation's domestic oil supply and employ over 5,000 individuals in drilling, pipeline operations, cargo transportation, and a variety of support positions. Most oil field workers travel home to Anchorage or the lower 48 when off duty. Pre-arranged tours are available through various tour companies.<sup>7</sup>

Prudhoe Bay is located near the Gates of the Arctic National Park and Preserve (Park), an area that is managed by the National Park Service.<sup>8</sup> This vast landscape does not contain any roads or trails. Visitors discover intact ecosystems where people have lived with the land for thousands of years. The Park remains virtually unchanged except by the forces of climate, weather, geology, plant life, and animal activities. Situated above the Arctic Circle in the Central Brooks Range, summers here are short, but continuous daylight during the summer means very high productivity during this period. Animals present in the Park include insects, migratory birds such as arctic terns, non-migratory birds such as ptarmigan, and mammals such as beavers, caribou, moose, grizzly and black bears, arctic ground squirrels, lemmings, and voles. Fish species in the park include whitefish, northern pike, and grayling.

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<sup>4</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>5</sup> Ibid.

<sup>6</sup> U.S. Environmental Protection Agency (EPA) *Superfund Site Search*. Retrieved November 29, 2011. <http://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=1002945>

<sup>7</sup> See footnote 4.

<sup>8</sup> National Park Service (n.d.). *Gates of the Arctic National Park and Preserve*, Alaska. Retrieved from <http://www.nps.gov/gaar/naturescience/index.htm> on May 1, 2012.

## Current Economy<sup>9</sup>

The oil companies involved in doing work in Prudhoe Bay are British Petroleum (BP), ConocoPhillips, ExxonMobil, and Chevron.<sup>10</sup> Because the majority of employees working in Prudhoe Bay return to homes elsewhere in Alaska or in the lower 48 U.S. States when not working, employment and other information for these individuals is reflected in the information for their home communities.

Information regarding estimates for per capita and household income for Prudhoe Bay in 2010 was not available from the 2006-2010 ACS; however, in 2000 the U.S. Census reported that the mean per capita income for Prudhoe Bay was \$19,880 and the median household income was \$90,957. After accounting for inflation by converting the 2000 values to 2010 dollars,<sup>11</sup> the per capita income for Prudhoe Bay was \$26,142 and the median household income was \$119,607. Prudhoe Bay's nature as a community of temporary residents and the overall small population size may have prevented the ACS from accurately portraying economic conditions.<sup>12</sup> A potentially more accurate understanding of per capita income is obtained through economic data compiled by the Alaska Local and Regional Information (ALARI) database maintained by the Alaska Department of Labor and Workforce Development. According to the ALARI database, the per capita income in Prudhoe Bay in 2010 was \$315, which indicates an overall decrease compared to the real per capita income values reported by the U.S. Census in 2000.<sup>13</sup>

While employment data for Prudhoe Bay were not reported in the 2006-2010 ACS, an estimate based on the ALARI database indicates the unemployment rate in 2010 was 21.4%. Data from the 2000 U.S. Census show that 50% of Prudhoe Bay residents were employed in the professional, scientific, management, administration, and waste management industries, while the other 50% were employed in construction in 2000. This information is shown in Figures 3 and 4, which break down local employment by industry and occupation.

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<sup>9</sup> Unless otherwise noted, all monetary data are reported in nominal values.

<sup>10</sup> British Petroleum (n.d.). *Prudhoe Bay Fact Sheet*. Retrieved November 29, 2011 from [http://www.bp.com/liveassets/bp\\_internet/globalbp/STAGING/global\\_assets/downloads/A/abp\\_wwd\\_alaska\\_prudhoe\\_bay\\_fact\\_sheet.pdf](http://www.bp.com/liveassets/bp_internet/globalbp/STAGING/global_assets/downloads/A/abp_wwd_alaska_prudhoe_bay_fact_sheet.pdf)

<sup>11</sup> Inflation was calculated using the Anchorage Consumer Price Index for 2010 (retrieved October 18, 2011 from the Alaska Department of Labor, <http://labor.alaska.gov/research/cpi/inflationcalc.htm>).

<sup>12</sup> See footnote 3.

<sup>13</sup> Alaska Department of Labor and Workforce Development (n.d.). *Alaska Local and Regional Information Database*. Retrieved April 23, 2012 from <http://live.laborstats.alaska.gov/alari/>.

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

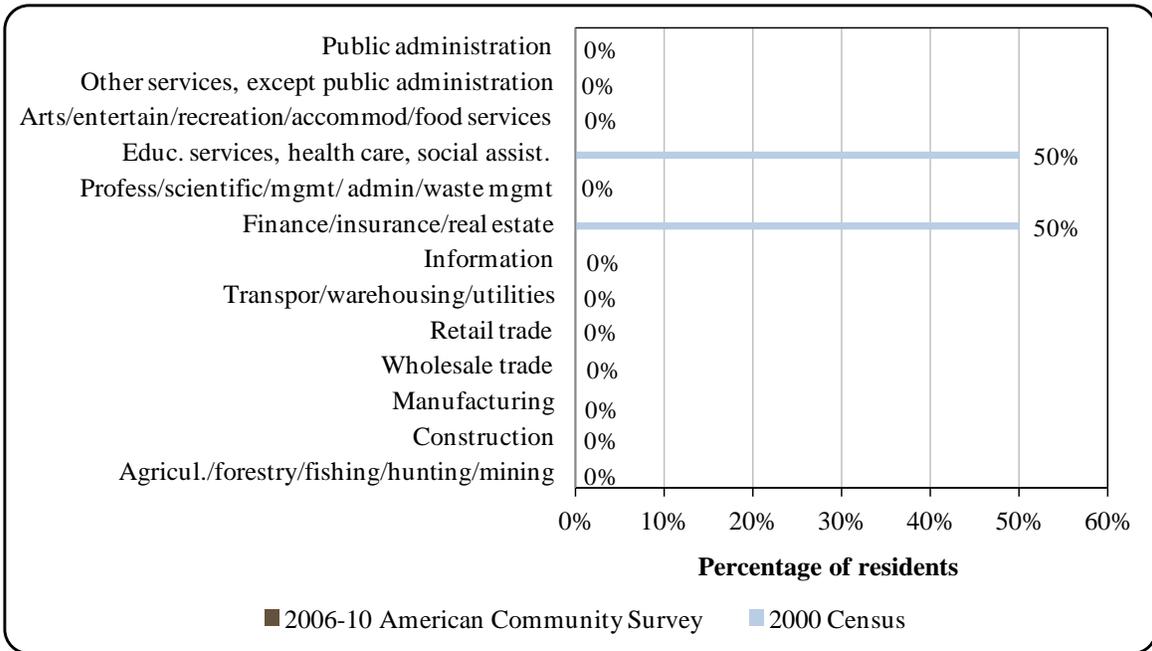
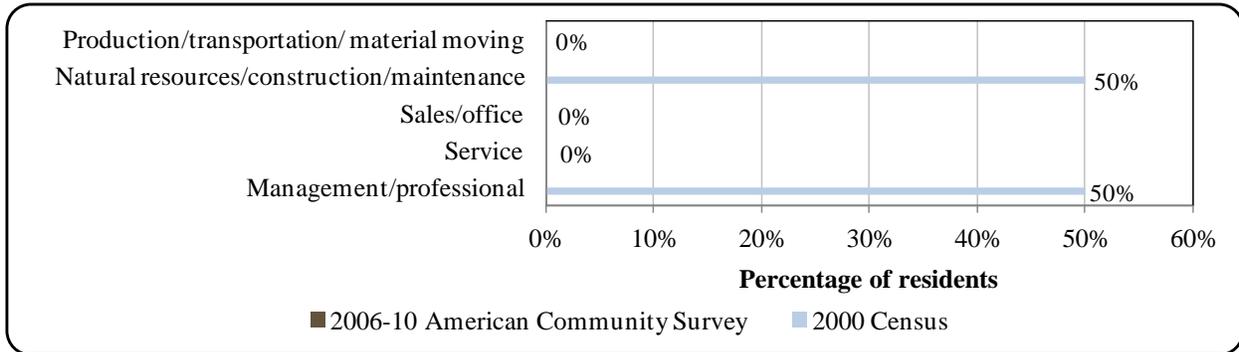


Figure 4. Local Employment by Occupation in 2000-2010, Prudhoe Bay (U.S. Census).



## Governance

Prudhoe Bay is unincorporated and is located within the North Slope Borough. The nearest Alaska Department of Fish and Game (ADF&G) office is located in Barrow. The nearest offices of the Alaska Department of Natural Resources and the Alaska Department of Commerce, Community, and Economic Development are located in Fairbanks. The nearest offices of the National Marine Fisheries Service (NMFS), the U.S. Bureau of Citizenship and Immigration Services, and U.S. Immigration and Customs Enforcement are located in Anchorage.

Since it is unincorporated, Prudhoe Bay does not maintain a municipal budget with community revenue and expenditures, nor does Prudhoe Bay administer its own sales tax. Data are not available for community revenues from 2000 to 2010 (Table 2).

Table 2. Selected Municipal, State, or Federal Revenue Streams for the Prudhoe Bay Municipal Government 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

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

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

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

<sup>3</sup> Alaska Dept. of Rev. (n.d.). (2000-2009) *Taxes and Fees Annual Report*. Accessed at [www.tax.state.ak.us](http://www.tax.state.ak.us). Data retrieved April 15, 2011.

<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 at [http://www.commerce.state.ak.us/dca/commdb/CF\\_Grants.htm](http://www.commerce.state.ak.us/dca/commdb/CF_Grants.htm). Data retrieved April 15, 2011.

## Infrastructure

### *Connectivity and Transportation*<sup>14</sup>

The airport at nearby Deadhorse is the primary means of public transportation to the North Slope. The state-owned asphalt and gravel airstrip at Deadhorse is 6,500 feet long by 150 feet wide. A 5,000-foot by 100-foot wide private gravel airstrip is owned and maintained by Conoco Phillips Alaska, Inc. A state-owned heliport is located at Prudhoe Bay. The Dalton Highway is used year-round by trucks to haul cargo to the North Slope from Fairbanks. There are no services beyond this point, and the highway is hazardous during winter months. Roundtrip airfare to Anchorage was \$792.<sup>15</sup>

### *Facilities*

Electricity is provided to the community by a diesel powerhouse operated by the local utility, TDX North Slope. Modern sanitation facilities are available at the group quarters facilities. The North Slope Borough offers refuse collection services and operates a Class 1

<sup>14</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>15</sup> Airfare was obtained on the travel website <http://www.travelocity.com> for a round-trip ticket for travel from June 1 to June 8, 2012. Retrieved on November 29, 2011.

landfill 6 miles northwest of Deadhorse, on Oxbow Road. The Borough also operates the local waters and sewer systems. There are also numerous other oilfield facilities. Fire and rescue services are provided by the Greater Prudhoe Bay Fire Department.<sup>16</sup> The nearest state trooper post is located in Barrow.<sup>17</sup>

### *Medical Services*<sup>18</sup>

Medical care is provided by private, oil company medical staff. Alternate health care is provided by the Greater Prudhoe Bay Fire Department. Emergency Services have limited highway, coastal, and airport access. Emergency service is provided by a paid EMS Service. Alternative health care is provided by oil company medical staff as well as the Greater Prudhoe Bay Fire Department. The nearest hospital is located in Barrow.

### *Educational Opportunities*<sup>19</sup>

As of 2011, there were no schools located in Prudhoe Bay.

## **Involvement in North Pacific Fisheries**

### *History and Evolution of Fisheries*

Prudhoe Bay is located on the coast of the Arctic Management Area, and residents have had limited participation in North Pacific fisheries. Commercial fishing for all species is currently prohibited in federally regulated waters of the Arctic Management Area, “until sufficient information is available to support the sustainable management of a commercial fishery.”<sup>20</sup> Between 2000 and 2010, one permit was held per year from 2000 to 2007 in a statewide freshwater fish set gillnet fishery (‘other finfish’). Commercial freshwater fish fisheries may target species such as Arctic char, pike, rainbow trout, Dolly Varden, and sheefish.<sup>21</sup> No other commercial fisheries permits were held by Prudhoe Bay residents between 2000 and 2010. Prudhoe Bay is not eligible to participate in the Community Development Quota Program or the Community Quota Entity Program.

### *Processing Plants*

According to ADF&G’s 2010 Intent to Operate list, Prudhoe Bay does not have a registered processing plant.

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<sup>16</sup> See footnote 14.

<sup>17</sup> Alaska Dept. of Public Safety. 2012. *Alaska State Trooper Detachments*. Retrieved June 1, 2012 from <http://www.dps.state.ak.us/ast/detachments.aspx>.

<sup>18</sup> Ibid.

<sup>19</sup> Alaska Department of Education and Early Development. (2012). *Statistics and Reports*. Retrieved April 24, 2012 from <http://eed.alaska.gov/stats/>.

<sup>20</sup> North Pacific Fishery Management Council. 2009. *Arctic Fishery Management Plan*. Retrieved February 29, 2012 from <http://www.fakr.noaa.gov/npfmc/PDFdocuments/fmp/Arctic/ArcticFMP.pdf>.

<sup>21</sup> Alaska Dept. of Fish and Game. 2006. *Our Wealth Maintained: A Strategy for Conserving Alaska’s Diverse Wildlife and Fish Resources*. Retrieved June 21, 2012 from <http://www.adfg.alaska.gov/index.cfm?ADFG=species.wapview>.

*Fisheries-Related Revenue*

Given that Prudhoe Bay has no taxing authority and does not manage a community budget, no data were available regarding revenue received by Prudhoe Bay from fisheries-related taxes and fees between 2000 and 2010 (Table 3).

*Commercial Fishing*

Between 2000 and 2010, there were no vessels reported as being owned by Prudhoe Bay residents, no vessels were homeported in Prudhoe Bay, and no vessels landed catch in Prudhoe Bay (Table 5). From 2000-2007, one resident held an Alaska Commercial Fisheries Entry Commission (CFEC) permit to harvest ‘other finfish,’ though the permit was not fished in 2007. This ‘other finfish’ permit was held in the statewide freshwater fish set gillnet fishery. No federal commercial fishing permits were held by Prudhoe Bay residents between 2000 and 2010. Information about state and federal commercial fishing permits is presented in Table 4. No residents of Prudhoe Bay are documented to have held quota share accounts in any of Alaska’s catch share programs during the 2000-2010 period (Table 6, Table 7, Table 8). Because no fish buyers or shore-side processing facilities were present in Prudhoe Bay, and because no residents were the primarily owners of fishing vessels (Table 5), no landings were recorded locally (Table 9) or by Prudhoe Bay vessel owners (Table 10) between 2000 and 2010.

Table 3. Known Fisheries-Related Revenue (in U.S. dollars) Received by the Community of Prudhoe Bay: 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</i> <sup>4</sup>	<i>n/a</i>										
<i>Total municipal revenue</i> <sup>5</sup>	<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).

Table 4. Permits and Permit Holders by Species, Prudhoe Bay: 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'd. Permits and Permit Holders by Species, Prudhoe Bay: 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	1	1	1	1	1	1	1	1	0	0	0
	Fished permits	1	1	1	1	1	1	1	0	0	0	0
	% of permits fished	100%	100%	100%	100%	100%	100%	100%	0%	0%	0%	0%
	Total permit holders	1	1	1	1	1	1	1	1	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>1</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>						
	<i>Fished permits</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>						
	<i>% of permits fished</i>	<i>100%</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>						
	<i>Permit holders</i>	<i>1</i>	<i>1</i>	<i>0</i>	<i>0</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 Prudhoe Bay: 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 Prudhoe Bay <sup>2</sup>	Total Net Pounds Landed In Prudhoe Bay <sup>2,5</sup>	Total Ex-Vessel Value Of Landings In Prudhoe Bay <sup>2,5</sup>
2000	0	0	0	0	0	0	0	\$0
2001	1	0	0	0	0	0	0	\$0
2002	0	0	0	0	0	0	0	\$0
2003	1	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 in Prudhoe Bay: 2000-2010.

<b>Year</b>	<b>Number of Halibut Quota Share Account Holders</b>	<b>Halibut Quota Shares Held</b>	<b>Halibut IFQ Allotment (Pounds)</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 Prudhoe Bay: 2000-2010.

<b>Year</b>	<b>Number of Sablefish Quota Share Account Holders</b>	<b>Sablefish Quota Shares Held</b>	<b>Sablefish IFQ Allotment (Pounds)</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 Prudhoe Bay: 2000-2010.

<b>Year</b>	<b>Number of Crab Quota Share Account Holders</b>	<b>Crab Quota Shares Held</b>	<b>Crab IFQ Allotment (Pounds)</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 Pounds and Ex-vessel Revenue, by species, in Prudhoe Bay: 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 pounds refers to the landed weight recorded in fish tickets.

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

Table 10. Landed Pounds and Ex-vessel Revenue, by species, by Prudhoe Bay 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 pounds refers to the landed weight recorded in fish tickets.

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

### *Recreational Fishing*

According to the ADF&G Statewide Harvest Survey, sockeye salmon are the only species caught by private anglers in Prudhoe Bay.<sup>22</sup> In 2010, a total of 13 sportfishing licenses were sold to residents of Prudhoe Bay (irrespective of the location of the point of sale). In comparison, a total of 66 sportfishing licenses were sold in Prudhoe Bay, indicating the potential that visitors and temporary residents are participating in recreational fishing activities.

Between 2000 and 2006, the ratio of non-charter anglers that were non-Alaska residents in the North Slope-Brooks Range region of Alaska varied from year to year. In 2007, all the saltwater angler days fished in this region were fished by non-Alaska residents. Between 2009 and 2010, there were no reported saltwater angler days fished in this region. For freshwater sportfishing, the number of angler days fished by non-Alaska residents increased between 2000 and 2010, while the number of angler days fished by Alaska residents remained relatively stable (Table 11).

### *Subsistence Fishing*

For 2000-2010, the ADF&G Division of Subsistence does not provide estimates for the percent of households utilizing various marine resources for subsistence purposes or the per capita subsistence harvest (in pounds) in Prudhoe Bay (Table 12). Some limited information was reported regarding annual salmon harvest during the period: from 2005-2007, one subsistence salmon permit was issued to a Prudhoe Bay household. Using this permit, 13-14 sockeye salmon were harvested per year in those years. Data were not available for other salmon species or other years during the 2000-2010 period. Likewise, no information was available regarding total harvest of marine invertebrates or non-salmon fish (not including halibut) during these years (Table 13). In addition, data were not available from management agencies regarding subsistence harvest of halibut (Table 14) or marine mammals (Table 15) between 2000 and 2010.

Table 11. Sport Fishing Trends, Prudhoe Bay: 2000-2010.

<b>Year</b>	<b>Active Sport Fish Guide Businesses<sup>1</sup></b>	<b>Sport Fish Guide Licenses<sup>1</sup></b>	<b>Sport Fishing Licenses Sold to Residents<sup>2</sup></b>	<b>Sport Fishing Licenses Sold in Prudhoe Bay<sup>2</sup></b>
2000	0	1	20	0
2001	0	1	26	0
2002	0	1	22	0
2003	0	0	17	0
2004	0	0	19	0
2005	1	0	14	38
2006	1	0	8	51
2007	0	0	4	68
2008	0	0	10	89
2009	0	0	13	69
2010	0	0	13	66

<sup>22</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).

Table 11 cont'd. Sport Fishing Trends, Prudhoe Bay: 2000-2010.

Year	Saltwater		Freshwater	
	Angler Days Fished – Non-residents <sup>3</sup>	Angler Days Fished – Alaska Residents <sup>3</sup>	Angler Days Fished – Non-residents <sup>3</sup>	Angler Days Fished – Alaska Residents <sup>3</sup>
2000	0	743	523	3,473
2001	0	635	715	4,682
2002	11	547	819	3,393
2003	15	67	594	2,034
2004	0	96	1,131	2,084
2005	0	0	2,183	2,169
2006	18	341	495	2,609
2007	0	83	733	3,338
2008	140	0	990	4,469
2009	0	0	1,505	2,400
2010	0	0	1,319	3,065

<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).

Table 12. Subsistence Participation by Household and Species, Prudhoe Bay: 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, Prudhoe Bay: 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	1	1	1	n/a	n/a	n/a	13	n/a	n/a
2006	1	1	1	n/a	n/a	n/a	14	n/a	n/a
2007	1	1	1	n/a	n/a	n/a	14	n/a	n/a
2008	n/a	n/a	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	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, Prudhoe Bay: 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, Prudhoe Bay: 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.