

Wiseman



People and Place

*Location*¹

Wiseman is located on the middle fork of the Koyukuk River, at the junction of Wiseman Creek in the Brooks Range. It is about 260 mi northwest of Fairbanks off the Dalton Highway, 13 mi north of Coldfoot, and 75 mi north of the Arctic Circle. Wiseman is located in a valley, at 1,180 ft elevation. The area encompasses 78.1 sq ft of land. Wiseman is located in the Yukon-Koyukuk Census Area and is not incorporated into a municipality or under the jurisdiction of a borough.

*Demographic Profile*²

In 2010, there were 14 residents living in Wiseman, ranking it 335th of 352 Alaskan communities in terms of population size. Between 1990 and 2010 the population fell by 57.6%. Between 2000 and 2009 the population fell by 23.8% with an average annual growth rate of -1.85%, which was significantly less than the statewide average of 0.75% and indicative of a steadily declining population. Further information regarding population trends can be found in Table 1.

Wiseman's racial and ethnic composition was predominately White in 2010. In that year, 92.9% of residents identified themselves as White, compared to 81.0% in 2000; and 7.1% identified themselves as two or more races, compared to 0.0% in 2000. Information regarding racial and ethnic trends in Wiseman can be found in Figure 1.

The average household size in 2010 was 2.8, compared to 3.0 in both 1990 and 2000. In that year there were a total of 25 housing units, compared to 37 in 1990 and 30 in 2000. Of the households surveyed in 2010, 20% were owner-occupied, compared to 17% in 2000; 0% was renter-occupied, compared to 7% in 2000; 4% were vacant, compared to 3% in 2000; and 76% were occupied seasonally, compared to 73% in 2000. Between 1990 and 2010 no residents were reported to be living in group quarters.

Gender distribution in 2010 exactly even at 50.0% male and 50.0% female, which was more even than the distribution statewide (52.0% male, 48.0% female) and significantly more even than the distribution in 2000 (57.1% male, 42.9% female). The average age that year was 28.5 years, compared to 33.8 years statewide and 33.5 years in 2000.

Because of its small population size, Wiseman's population structure was irregular in both 2000 and 2010 making it difficult to discern a trend. In 2010, 50.2% of residents were under the age of 20, compared to 47.7% in 2000; 7.2% were over the age of 59, compared to 4.8% in

¹ Alaska Department of Community and Rural Affairs (n.d.). *Community Database Online*. Retrieved October 17, 2011 from http://www.commerce.state.ak.us/dca/commdb/CF_BLOCK.htm.

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>.

2000; 43.0% were between the ages of 30 and 59, compared to 47.7% in 2000; and 0.0% were between the ages of 20 and 29, compared to 0.0% in 2000.

Gender distribution by age cohort was somewhat less even in 2010 than it was in 2000, with female biases occurring within the 70 to 79 and 30 to 39 ranges, and male biases occurring in the 50 to 59 and 0 to 9 ranges (Figure 2).

The U.S. Census’ 2006-2010 American Community Survey (ACS) did not capture educational attainment estimates for the Wiseman.

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

Year	U.S. Decennial Census ¹	Alaska Dept. of Labor Estimate of Permanent Residents ²
1990	33	-
2000	21	-
2001	-	25
2002	-	25
2003	-	27
2004	-	26
2005	-	17
2006	-	22
2007	-	17
2008	-	16
2009	-	16
2010	14	-

¹ (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>.

² 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, Wiseman: 2000-2010 (U.S. Census).

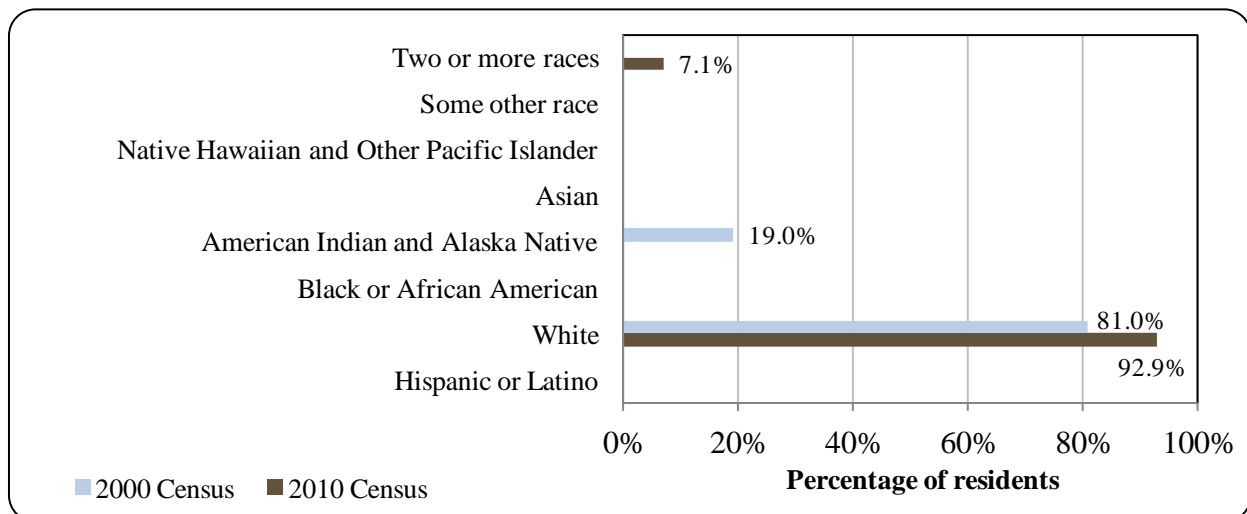
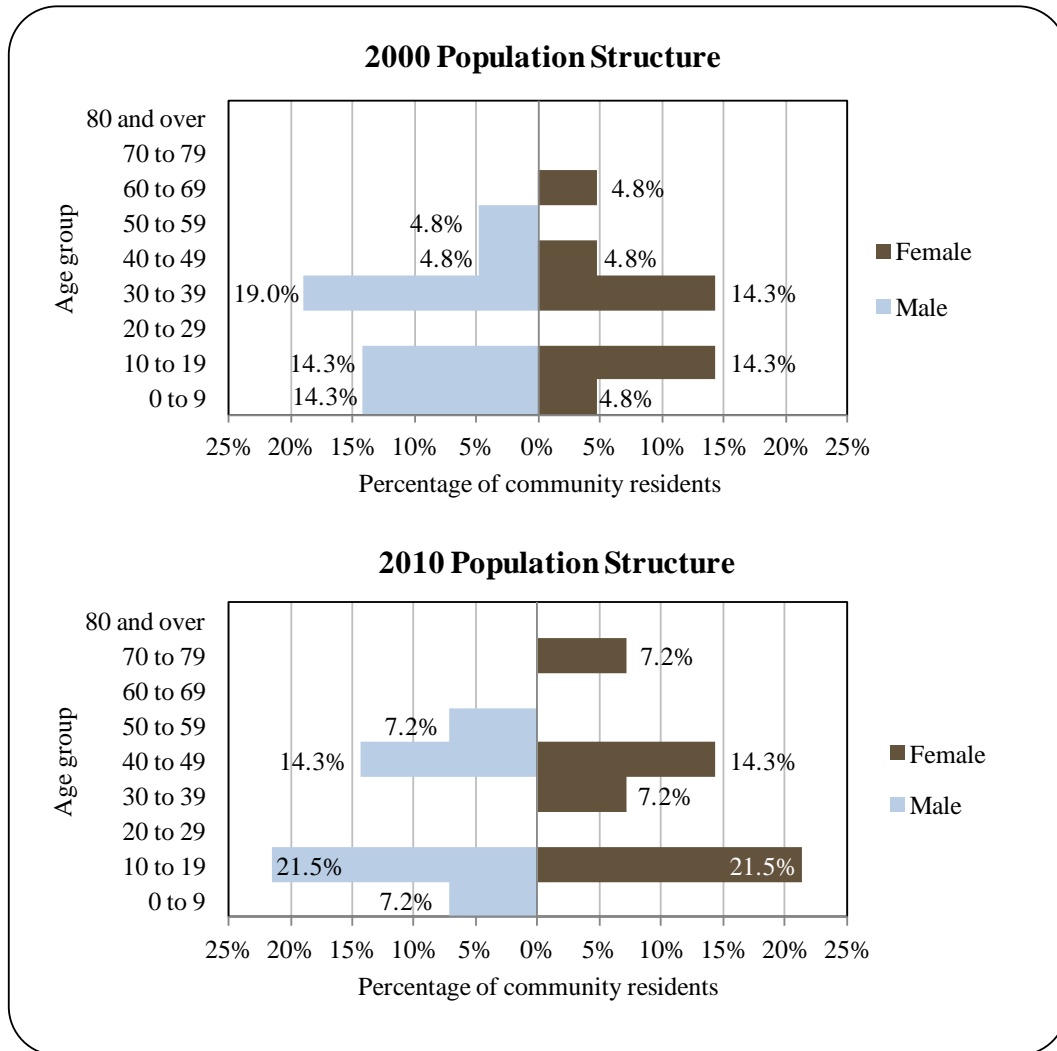


Figure 2. Population Age Structure in Wiseman Based on the 2000 and 2010 U.S. Decennial Census.



History, Traditional Knowledge, and Culture

Occupation of the Brooks Range and northern Alaska can be traced back at least 10,000 years. During the last glacial maximum, successive waves of immigrants arrived in the Arctic, either through an ice free corridor connecting North America and Siberia, coastal routes along the Bering Land Bridge, or both.

The earliest evidence of human occupation is dated to approximately 8,500 to 11,000 years ago; however, there is some disagreement over ages within archaeological record. Evidence related to an early American Paleo-Arctic tradition have been found in the vicinity of Itkillik Lake, the upper Kobuk River, and near Anaktuvuk Pass.³

³ National Park Service (1988). *Final Environmental Impact Statement: Wilderness Recommendation: Gates of the Arctic National Park and Preserve, Alaska*. Retrieved May 22, 2012 from: <http://babel.hathitrust.org/>.

The northern Archaic people arrived in northern Alaska from southern forested regions about 6,500 years ago. By about 1,000 years ago, the Western Thule culture appeared in the archaeological record. The Thule spread throughout the Arctic, eventually reaching as far east as Greenland and Labrador. The Nunamiut culture, which occupied much of the Brooks Range and surrounding tundra descended from the Thule. The south slope of the Brooks Range was traditionally occupied by central Athabaskan groups. In historic times, there were many interactions between northern Eskimo groups and central Athabaskan groups throughout the Brooks Range area.⁴

In 1850, the central Brooks Range was still largely isolated from the influences of European and American culture. The mountains were occupied by semi-nomadic bands of Nunamiut hunters. Kobuk Eskimos and Koyukon and Kutchin Athabaskans made seasonal journeys into the area as well. Principal activities included hunting, fishing, and trading among coastal and interior groups. In the mid-1880s, American explorers began moving into the central Brooks Range. Around this time, waves of miners and trappers began occupying the area.⁵

In response to increased mining on the Nolan Creek and the Hammond River in the early 1900s, locals began to abandon Coldfoot, 13 mi to the south. Supplies were brought up the Koyukuk River to Wiseman Creek by horse-drawn barge, where a new town developed in 1907. It was first called Wrights, then Nolan, and finally Wiseman in 1923. A log post office operated from about 1909 to 1956, with mail and supplies freighted or flown in. A territorial school operated from 1934 to 1941. By 1974, the 414-mi pipeline "haul road" was constructed, which passes near Wiseman. Travel was restricted for the general public until December 1994. The road is now known as the Dalton Highway, named for James William Dalton, an arctic engineer. In 1979, Florence Jonas (or Kalhabuk), the last full Eskimo resident, passed away in Wiseman at the age of 82. A nearby mountain and chapel were named in her honor. The school, operated in the community center, was closed in November 2002, because it was unable to meet the state's minimum enrollment. Since then, children have been home schooled.⁶

Natural Resources and Environment⁷

The climate of the area is strongly continental. Winter temperatures can be extremely cold: -50 to -70 °F (-46 to -57 °C) in January and February. There is a total loss of sunlight between December 5 and January 9. High temperatures occasionally reach 90 °F (32 °C). Annual precipitation averages 12-15 inches, and snowfall averages 36 inches. The Aurora Borealis is especially vivid over this portion of the Brooks Range and is visible from September through March.

Wiseman is located in a valley within the southern portion of the Brooks Range and right outside the Gates of the Arctic National Park and Preserve (GANPP). The area is remote and rugged with ridges that reach elevations of 4,000 to 8,000 ft or more. The ridges are actually the northernmost expanse of the Rocky Mountain system. The topography of the region is shaped by tectonic uplift, deformation, folding, fracturing, and overlapping. Uplift, erosion, and heavy glaciations account for the landscape profile and U-shaped valleys. Subsurface geology consists

⁴ Ibid.

⁵ Ibid.

⁶ Alaska Department of Community and Rural Affairs (n.d.). *Community Database Online*. Retrieved October 17, 2011 from http://www.commerce.state.ak.us/dca/commdb/CF_BLOCK.htm.

⁷ Ibid.

of metamorphic quartz mica and chloritic schists which form belts along the south flanks of the Brooks Range.

Soils vary by location and are dependent on topography, aspect, fire history, drainage, permafrost, and parent material. Most mountainous areas are characterized by thin, sandy soils. Hilly moraines and south-facing colluvial slopes consists of gravelly loams. There are also areas of thin peaty mat and occasional pockets of permafrost. Lower elevations are covered by a gray to brown silty loam overlain by a peaty organic layer. Soils often overlay continuous permafrost zones.

Regional vegetation is consistent with taiga (boreal forest), tundra, and shrub thicket types. Alpine tundra occurs in mountainous areas and may be populated with willows, dryas, heather, lichens, grasses, sedges, and herbs. Moist tundra is found in moderately drained foothills and along valleys. Cottongrass dominates landscapes. Other plants include grasses, dwarf birch, willows, and Labrador tea. Taiga reaches its northern limit at around the southern border of the Brooks Range. As such, spruce stands are scattered and mixed with hardwoods, such as birch or aspen. Other vegetation includes willows, blueberry, cranberry, bearberry, crowberry, lichens, mosses, Labrador tea, and poplar.

Mammals within the GANPP include brown/grizzly bears, moose, lemmings, voles, ground squirrel, marmot, beaver, mink, otter, wolverine, fox, wolf, lynx, marten, snowshoe hare, moose, caribou, and Dall sheep. Freshwater fish include Arctic grayling, lake trout, northern pike, Arctic char, whitefish, sheefish, salmon, long-nosed sucker, burbot, nine-spined stickleback, and slimy sculpin.

Minerals found in the region include copper, gold, lead, and zinc. There are several polymetallic deposits located at Wiseman, Nolan Creek, and Michigan Creek.⁸ Placer mines have operated historically around the Nolan-Hammond River areas outside of Wiseman.

Environmental hazards primarily come in the form of extreme cold events, permafrost melt, wildfire, and erosion. Solifluction, or soil creep, is common on moderate slopes and can be associated with permafrost thaw. Smoke and haze associated with forest and tundra fires can degrade local air quality.

According to the Alaska Department of Environmental Conservation, there were no significant environmental remediation projects active in Wiseman as of 2010.⁹

Current Economy¹⁰

Very little information regarding Wiseman's economy is available. Roadside services and transportation of materials for the North Slope Borough provide a few positions in Wiseman. Several residents sell handcrafted items and furs. Self-employment, seasonal visitor service jobs, seasonal highway maintenance jobs, and the National Park Service provide income.¹¹

Economic data for 2010 was not captured by the 2006-2010 ACS; however, economic conditions for that year were estimated by the Alaska Local and Regional Information (ALARI) database maintained by the Alaska Department of Labor and Workforce Development

⁸ Alaska Department of Commerce (n.d.). *Mineral Resources of Alaska*. Retrieved May 22, 2012 from: <http://commerce.alaska.gov/ded/dev/minerals/mining.htm>.

⁹ Alaska Department of Environmental Conservation (n.d.). *Contaminated Sites Program*. Retrieved March 28, 2013 from: <http://www.dec.state.ak.us/spar/csp/list.htm>.

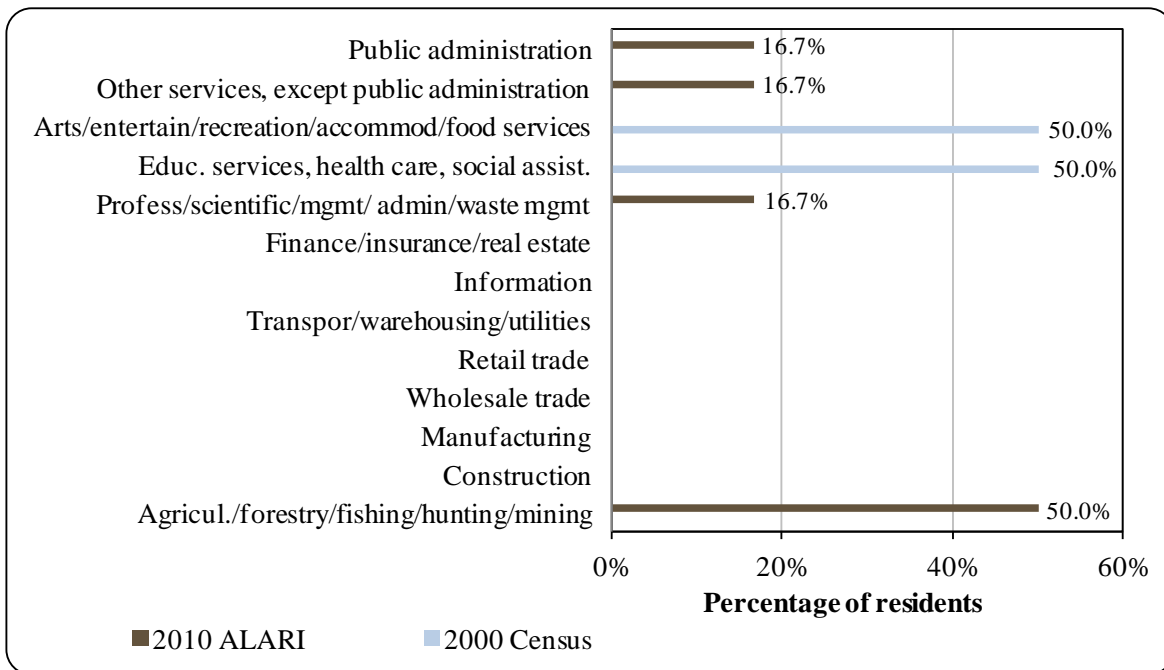
¹⁰ Unless otherwise noted, all monetary data are reported in nominal values.

¹¹ See footnote 9.

(DOLWD).¹² In that year, wages reported for residents totaled \$137,413.¹³ When compared with the total number of residents reported by the 2010 Census, per capita income was estimated at \$9,815. In 2000, per capita income was \$8,211; however, after adjusting for inflation by converting 2000 values to 2010 dollars,¹⁴ the real per capita income (\$10,797) indicates a slight decrease in individual earnings. In addition, Wiseman was recognized as “distressed” by the Denali Commission indicating that over 70% of residents aged 16 and older earned less than \$16,120 in 2010.¹⁵

According to ALARI records, six residents were employed in private or state government sectors in 2010. Of those six, an estimated 50% worked in natural resources and mining sectors, an estimated 16.7% worked in professional or business service sectors, an estimated 16.7% worked in state government sectors, and an estimated 16.7% worked in other, “non-specified” sectors. In contrast, in 2000, the U.S. Census Bureau reported that 50.0% of employed residents worked in arts, entertainment, recreation, accommodation, and food service sectors; and 50.0% worked in education services, healthcare, and social assistance sectors. Further information regarding employment trends can be found in Figures 3 and 4.

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



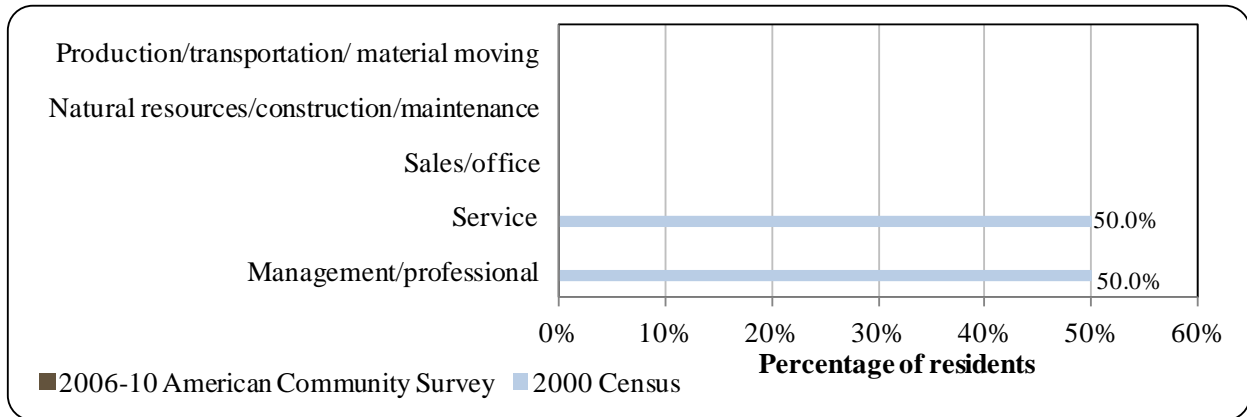
¹² Alaska Department of Labor and Workforce Development (n.d.). *Alaska Local and Regional Information Database*. Retrieved April 23, 2012 from <http://live.laborstats.alaska.gov/alari/>.

¹³ ALARI estimates based on wages reported for unemployment insurance purposes. Estimates do not include self-employed or federally employed residents.

¹⁴ Inflation was calculated using the Anchorage Consumer Price Index for 2000 and 2010 (retrieved January 5, 2012 from the Alaska Department of Labor, <http://labor.alaska.gov/research/cpi/inflationcalc.htm>).

¹⁵ Denali Commission (2011). *Distressed Community Criteria 2011 Update*. Retrieved April 16, 2012 from: www.denali.gov.

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



Governance

Wiseman is a Census Designated Place located in the Yukon-Koyukuk Census Area. Since the community is unincorporated, it is unable to collect taxes or fees (Table 2). In addition, Wiseman was not included in the Alaska Native Claims Settlement Act (ANCSA) and does not have a federally recognized Tribal government. The Wiseman Community Association acts as a governing body for the community.

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

Year	Total Municipal Revenue ¹	Sales Tax Revenue ²	State/Community Revenue Sharing ^{3,4}	Fisheries-Related Grants (State and Federal) ⁵
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

¹ Alaska Department of Community 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.

² Alaska Department of Community and Economic Development (n.d.). *Alaska Taxable (2000-2010)*. Retrieved April 15, 2011 from http://www.commerce.state.ak.us/dca/osa/osa_summary.cfm.

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

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

⁵ Alaska Department of Community and Rural Affairs. (n.d.). *Community Funding Database*. Retrieved April 15, 2011 from http://www.commerce.state.ak.us/dca/commdb/CF_Grants.htm.

The closest Alaska Department of Fish and Game (ADF&G) and U.S. Bureau of Citizenship and Immigration Services offices are located in Fairbanks, 190 mi southeast. The closest National Marine Fisheries Service (NMFS) office is located in Anchorage, 430 mi south.

Infrastructure

*Connectivity and Transportation*¹⁶

The partially-paved Dalton Highway connects Wiseman to Alaska's road system. A state-owned 2,000-ft long by 30-ft wide gravel airstrip is available but is not consistently maintained.

*Facilities*¹⁷

Several homes have individual wells and septic tanks; others haul water and use outhouses. Individual generators are used for power; some residents use propane lights. Seventy percent (70%) of the cabins in Wiseman are used only seasonally. Visitor accommodations include the Arctic Getaway. Public safety services are provided by state troopers based in Fairbanks. Additional public facilities include the Wiseman Community Center. Communications services include local and long distance telephone.

*Medical Services*¹⁸

The Wiseman Health Clinic provides itinerant healthcare and is a Community Health Aid Program (CHAP) site. A State Public Health Nurse visits once a year in October. Emergency services are limited. The closest hospital is located in Fairbanks.

*Educational Opportunities*¹⁹

There are no schools located in Wiseman. All students are homeschooled.

Involvement in North Pacific Fisheries

History and Evolution of Fisheries

Very little information is available regarding Wiseman's historic participation in North Pacific Fisheries. Many residents have held recreational fishing licenses, and several residents held commercial fishing permits between 2000 and 2010.

¹⁶ Alaska Department of Community and Rural Affairs (n.d.). *Community Database Online*. Retrieved October 17, 2011 from http://www.commerce.state.ak.us/dca/commdb/CF_BLOCK.htm.

¹⁷ Ibid.

¹⁸ Ibid.

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

Processing Plants

According to ADF&G's 2010 Intent to Operate list, Wiseman does not have a registered processing plant. The closest seafood processor is located in Fairbanks.

Fisheries-Related Revenue

Between 2000 and 2010, Wiseman did not collect any fisheries-related taxes or fees (Table 3).

Commercial Fishing

Overall, residents of Wiseman do not participate heavily in commercial fishing. In 2010, one resident, or 7.1% of the population, held one commercial fishing permit issued by the Commercial Fisheries Entry Commission (CFEC). In 2000, 4 residents held 3 CFEC permits. In both years salmon accounted for 100% of permits held by residents. Between 2000 and 2010, no residents held Federal Fisheries Permits (FFPs) or License Limitation Program (LLP) permits. In addition, no residents held halibut, sablefish, or crab quota between 2010 and when the programs began.

No residents held commercial crew licenses between 2001 and 2010, and only one resident held a commercial crew license in 2000. In addition, one resident held majority ownership of one vessel between 2000 and 2010. No permits were actively fished in 2010, compared to 67% of permits in 2000. Between those years, permits were actively fished only during 2000, 2006, and 2007.

No landings were reported in Wiseman between 2000 and 2010. Landings made at other locations by residents of Wiseman are considered confidential for those years. Further information regarding commercial fishing trends can be found in Tables 4 through 10.

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

Revenue source	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Raw fish tax ¹	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Shared Fisheries Business Tax ¹	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Fisheries Resource Landing Tax ¹	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Fuel transfer tax ²	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Extraterritorial fish tax ²	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Bulk fuel transfers ¹	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Boat hauls ²	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Harbor usage ²	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Port/dock usage ²	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Fishing gear storage on public land ³	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Marine fuel sales tax ³	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<i>Total fisheries-related revenue⁴</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>
<i>Total municipal revenue⁵</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>

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

¹ Alaska Department of Community and Economic Development (n.d.) *Alaska Taxable (2000-2010)*. Retrieved April 15, 2011 from http://www.commerce.state.ak.us/dca/osa/osa_summary.cfm.

² Alaska Department of Community 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.

³ Reported by community leaders in a survey conducted by the AFSC in 2011.

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

⁵ Total municipal revenue represents the total revenue that the city reports each year in its municipal budget. Alaska Department of Community 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.

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

Species		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Groundfish (LLP) ¹	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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Crab (LLP) ¹	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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Federal Fisheries Permits ¹	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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Crab (CFEC) ²	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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Other shellfish (CFEC) ²	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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Halibut (CFEC) ²	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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Herring (CFEC) ²	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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0

Table 4 cont'd. Permits and Permit Holders by Species, Wiseman: 2000-2010.

Species		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Sablefish (CFEC) ²	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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Groundfish (CFEC) ²	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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Other Finfish (CFEC) ²	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	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Total permit holders	0	0	0	0	0	0	0	0	0	0	0
Salmon (CFEC) ²	Total permits	3	3	3	1	1	1	2	1	1	1	1
	Fished permits	2	0	0	0	0	0	2	1	0	0	0
	% of permits fished	67%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%
	Total permit holders	4	3	3	1	1	1	1	1	1	1	1
<i>Total CFEC Permits²</i>	<i>Permits</i>	<i>3</i>	<i>3</i>	<i>3</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>2</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>
	<i>Fished permits</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>0</i>
	<i>% of permits fished</i>	<i>67%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>100%</i>	<i>100%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
	<i>Permit holders</i>	<i>4</i>	<i>3</i>	<i>3</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>

¹National 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.]

²Alaska 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 Wiseman: 2000-2010.

Year	Crew Licenses Holders ¹	Count of All Fish Buyers ²	Count of Shore-Side Processing Facilities ³	Vessels Primarily Owned by Residents ⁴	Vessels Homeported ⁴	Vessels Landing Catch in Wiseman ²	Total Net Pounds Landed in Wiseman ^{2,5}	Total Ex-Vessel Value of Landings in Wiseman ^{2,5}
2000	1	0	0	1	1	0	0	\$0
2001	0	0	0	1	1	0	0	\$0
2002	0	0	0	1	1	0	0	\$0
2003	1	0	0	1	1	0	0	\$0
2004	0	0	0	1	1	0	0	\$0
2005	0	0	0	1	1	0	0	\$0
2006	0	0	0	1	1	0	0	\$0
2007	0	0	0	1	1	0	0	\$0
2008	0	0	0	1	1	0	0	\$0
2009	0	0	0	1	1	0	0	\$0
2010	0	0	0	1	1	0	0	\$0

¹ 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.]

² 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.]

³ 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.]

⁴ 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.]

⁵ Totals only represent non-confidential data.

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

Year	Number of Halibut Quota Share Account Holders	Halibut Quota Shares Held	Halibut IFQ Allotment (pounds)
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 Wiseman: 2000-2010.

Year	Number of Sablefish Quota Share Account Holders	Sablefish Quota Shares Held	Sablefish IFQ Allotment (pounds)
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 Wiseman: 2000-2010.

Year	Number of Crab Quota Share Account Holders	Crab Quota Shares Held	Crab IFQ Allotment (pounds)
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 Wiseman: 2000-2010.

	<i>Total Net Pounds¹</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>Total²</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>Total²</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.]

¹ Net pounds refers to the landed weight recorded in fish tickets.

² Totals only represent non-confidential data.

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

	<i>Total Net Pounds¹</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	--	--	--	--	--	--	--	--	--	--	--
Finfish	--	--	--	--	--	--	--	--	--	--	--
Halibut	--	--	--	--	--	--	--	--	--	--	--
Herring	--	--	--	--	--	--	--	--	--	--	--
Other Groundfish	--	--	--	--	--	--	--	--	--	--	--
Other Shellfish	--	--	--	--	--	--	--	--	--	--	--
Pacific Cod	--	--	--	--	--	--	--	--	--	--	--
Pollock	--	--	--	--	--	--	--	--	--	--	--
Sablefish	--	--	--	--	--	--	--	--	--	--	--
Salmon	--	--	--	--	--	--	--	--	--	--	--
<i>Total²</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	--	--	--	--	--	--	--	--	--	--	--
Finfish	--	--	--	--	--	--	--	--	--	--	--
Halibut	--	--	--	--	--	--	--	--	--	--	--
Herring	--	--	--	--	--	--	--	--	--	--	--
Other Groundfish	--	--	--	--	--	--	--	--	--	--	--
Other Shellfish	--	--	--	--	--	--	--	--	--	--	--
Pacific Cod	--	--	--	--	--	--	--	--	--	--	--
Pollock	--	--	--	--	--	--	--	--	--	--	--
Sablefish	--	--	--	--	--	--	--	--	--	--	--
Salmon	--	--	--	--	--	--	--	--	--	--	--
<i>Total²</i>	--	--	--	--	--	--	--	--	--	--	--

Note: Cells showing "--" indicate that the data are considered confidential.

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.]

¹ Net pounds refers to the landed weight recorded in fish tickets.

² Totals only represent non-confidential data.

Recreational Fishing

Recreational fishing is practiced by most residents of Wiseman. In 2010, 12 sportfishing licenses were held by residents (irrespective of point of sale), compared to 13 in 2000. In addition, 35 sportfishing licenses were sold in the community that year, compared to 46 in 2000. There were no registered sport fish guides or charter businesses operating in the community between 2000 and 2010.

Wiseman is located in the Yukon River Drainage ADF&G Harvest Survey Area which includes all Yukon River drainages from the south side of the Brooks Range to the Bering Sea, and from the Canadian border to the Bering Sea; and all drainages of the Koyukuk River and Alatna River. In 2010 there was a total of 9,134 freshwater angler days fished, compared to 11,223 in 2000. Of those, non-Alaskan residents accounted for 43.6%, compared to 29.8% in 2000. Further information regarding recreational fishing trends can be found in Table 11.

Subsistence Fishing

Subsistence data are somewhat limited for Wiseman. ADF&G data for household subsistence participation are not available. Of the species listed by ADF&G in Table 13, sockeye salmon are harvested exclusively according to reports. In 2008, residents reported harvesting 22 sockeye, compared to 39 in 2005. No data are available for subsistence halibut, marine invertebrate, non-salmon fish, or marine mammal harvests. Information regarding subsistence trends can be found in Tables 12 through 15.

Table 11. Sport Fishing Trends, Wiseman: 2000-2010.

Year	Active Sport Fish Guide Businesses ¹	Sport Fish Guide Licenses ¹	Sport Fishing Licenses Sold to Residents ²	Sport Fishing Licenses Sold in Wiseman ²	Freshwater Angler Days Fished – Non-residents ³	Freshwater Angler Days Fished – Alaska Residents ³
2000	0	0	13	46	3,345	7,878
2001	0	0	12	52	4,063	6,454
2002	0	0	9	35	5,761	9,194
2003	0	0	14	51	3,344	5,756
2004	0	0	11	48	5,479	7,613
2005	0	0	10	59	4,182	4,783
2006	0	0	13	53	3,607	7,816
2007	0	0	13	42	3,168	8,226
2008	0	0	14	48	2,573	10,400
2009	0	0	15	28	2,969	7,639
2010	0	0	12	35	3,983	5,151

¹ 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.]

² 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.]

³ 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, Wiseman: 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, Wiseman: 2000-2010.

Year	Subsistence Salmon Permits Issued ¹	Salmon Permits Returned ¹	Chinook Salmon Harvested ¹	Chum Salmon Harvested ¹	Coho Salmon Harvested ¹	Pink Salmon Harvested ¹	Sockeye Salmon Harvested ¹	Lbs of Marine Inverts ²	Lbs of Non-Salmon Fish ²
2000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2001	1	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	1	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	39	n/a	n/a
2006	3	3	n/a	n/a	n/a	n/a	31	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	22	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.

¹ 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.

² 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, Wiseman: 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, Wiseman: 2000-2010.

Year	# of Beluga Whales ¹	# of Sea Otters ²	# of Walrus ²	# of Polar Bears ²	# of Steller Sea Lions ³	# of Harbor Seals ³	# of Spotted Seals ³
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.

¹ 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.

² 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.

³ 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.