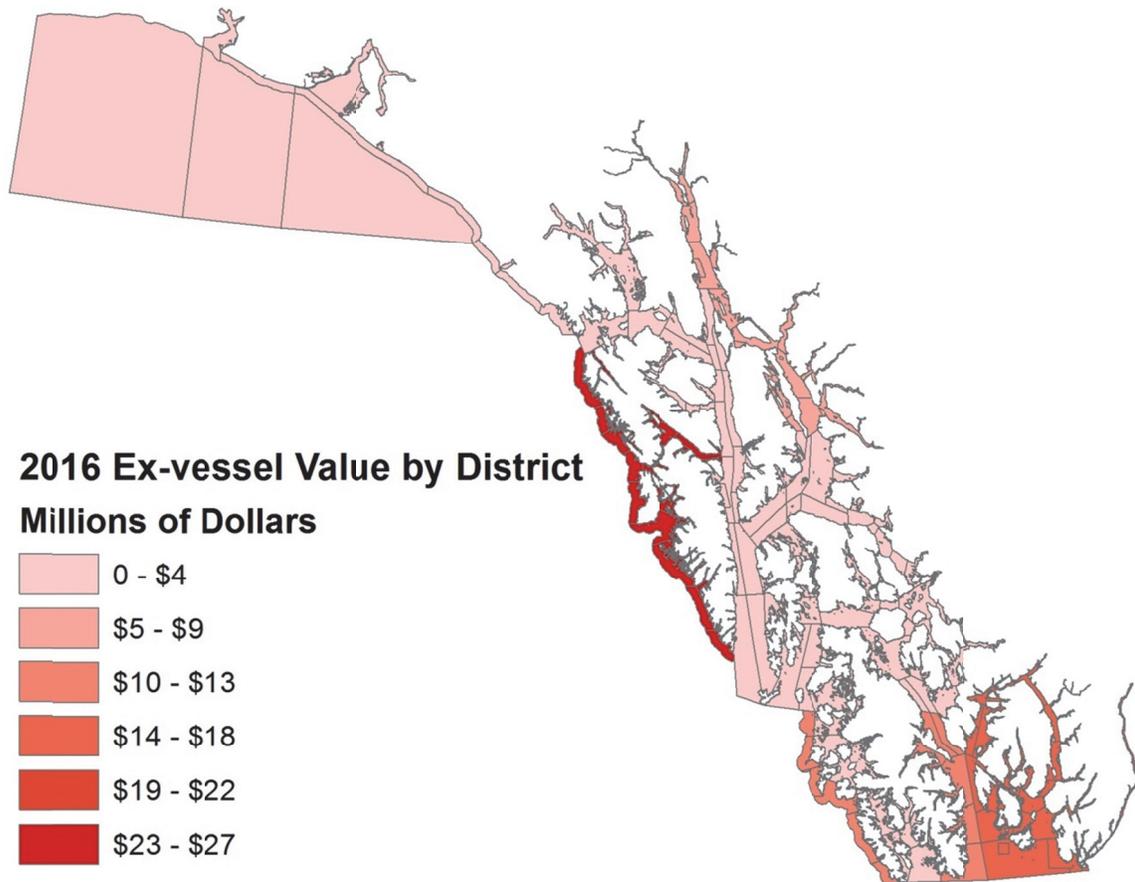


CFEC Permit Holdings and Estimates of Gross Earnings in the Yakutat and Southeast Alaska Commercial Salmon Fisheries, 1975-2016



CFEC Report Number 17-6N,
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Abstract

Limited entry permits held in the Yakutat and Southeast Alaska commercial salmon fisheries are examined: the purse seine fishery (S01A permits) is first, followed by drift gillnet (S03A permits), Yakutat set gillnet (S04D permits), statewide hand troll (S05B), and then followed by the statewide power troll (S15B). This report includes summary statistics on the number of permit holdings, permanent and emergency transfers of permits, permit value, permit latency, new entrants in the fisheries, permit holder mean age, estimated gross earnings, as well as vessel characteristics for the five Southeast Alaska commercial salmon fisheries. Some summary statistics are also separated by resident type. A description of the computer files and methods used to generate the statistics are provided.

This report includes a correction to the Table 6-8 heading.

The map on the cover displays estimated ex-vessel earnings by ADF&G district from the CFEC gross earnings file for 2016 for all five Southeast Alaska salmon fisheries combined. GIS shapefiles used in the creation of this graphic were created by ADF&G.

Prepared by Marcus Gho

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Special thanks to Craig Farrington for his insights and contributions to this document.

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Introduction

This report provides an overview of limited entry permit holdings and estimated gross earnings in the Yakutat and Southeast Alaska commercial salmon fisheries. Commercial fishing in Yakutat and Southeast Alaska has been documented as far back as 1878.¹ Historically, several gear types have been employed to commercially harvest salmon in Yakutat and Southeast Alaska, but today the five commercial salmon fisheries prosecuted in this region of Alaska include: purse seine (S01A); drift gillnet (S03A); set gillnet (S04D); hand troll (S05B); and power troll (S15B) fisheries.

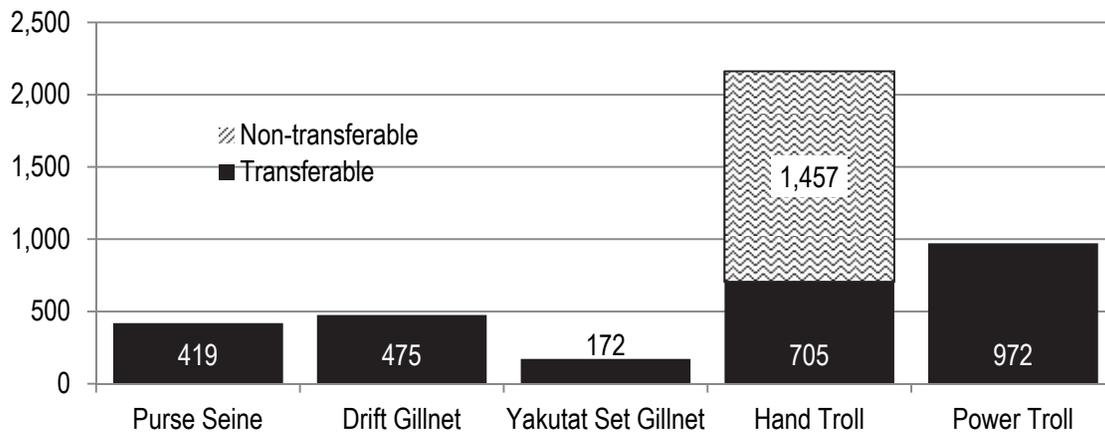
In 1972, Alaskan voters amended the state constitution to allow limited entry in the state's commercial fisheries. Following the amendment, in 1973 the Alaska State Legislature enacted the Limited Entry Act (AS 16.43), giving the Commercial Fisheries Entry Commission (CFEC) the authority to administer the program. Permit fisheries are defined by CFEC as a specific gear type for a fishery resource within a defined administrative area.

The Southeast Alaska salmon purse seine, drift gillnet, power troll, and Yakutat set gillnet fisheries were part of the original group of 19 Alaska salmon fisheries that were limited after the Alaska legislature passed the limited entry act. Limited entry permits in these fisheries were first issued in 1975. The hand troll fishery was subsequently limited in 1980 and hand troll limited permits were issued starting in 1982.

Limited entry permits were allocated based upon an individual's past participation and economic dependence on the fishery. To allocate permits among qualified applicants, CFEC developed point systems to measure each individual's relative position in the fishery. The Limited Entry Act also required CFEC to determine levels within the point system where persons would experience only minor economic hardship if excluded from an initial permit allocation. Persons who were ranked at or below the minor economic hardship level received non-transferable permits, while persons who were ranked above the minor economic hardship level received transferable permits.

Among the Yakutat and Southeast Alaska salmon permit fisheries, non-transferable permits were only issued in the hand troll permit fishery as shown in Figure 0-1. CFEC permits are cancelled after two years of non-payment of annual fees. This frequently occurs when the permit holder reaches an age when fishing is no longer feasible, or when the permit holder passes away.

Figure 0-1. Transferable and Non-transferable Permits Issued in the Yakutat and Southeast Alaska Salmon Fisheries



¹ See Alaska's Commercial Salmon Catches, 1878-1997. RIR No. 5J99-05.

Information regarding season length, openings and closings, size, and other such data can be found in the Alaska Department of Fish and Game’s Area Management Reports. This report focuses on the economics of these commercial fisheries.

ADF&G fish tickets identify, among other things, the species harvested. Salmon species on fish tickets are well documented for each of these fisheries. Variations do exist in the financial composition for each of the five major Pacific salmon species commercially exploited in Southeast Alaska from year to year and across each fishery. For each of the five gear groups, commercial harvest of species other than salmon were documented at extremely low rates so they are not displayed in Table 0-1.

Table 0-1. Percent of Total Ex-vessel Value of Southeast Alaska Salmon Fisheries by Species, 1975-2016

Species	Southeast Purse Seine	Southeast Drift Gillnet	Yakutat Set Gillnet	Hand Troll	Power Troll	Total Southeast Salmon
Chinook	0.9%	2.4%	1.9%	34.4%	43.0%	12.9%
sockeye	11.0%	34.2%	50.6%	0.3%	0.3%	13.4%
coho	3.6%	14.4%	43.4%	57.7%	51.1%	20.5%
pink	61.8%	9.3%	2.8%	5.2%	2.1%	33.6%
chum	22.6%	39.5%	1.4%	1.2%	2.9%	19.4%

Description of the Data Files Used to Generate This Report

Four CFEC data files were used to generate the statistics in this report: the gross earnings file, the permit file, the vessel file, and the census file. The most recent updated data is included in this report. The following is a brief description of each file. Please contact CFEC for more detail about these files if you are interested.

CFEC Gross Earnings File

The CFEC gross earnings file is based on ADF&G fish tickets and is augmented with CFEC permit holder and other data. The ex-vessel value for salmon in the CFEC gross earnings file largely come from the Commercial Operators Annual Report and ADF&G fish tickets with some additional information provided by processors. ADF&G salmon districts were mapped out from statistical areas using information provided by ADF&G. Several processes to validate and enhance fields such as vessel number and statistical area were undertaken to increase accuracy of this report.

CFEC Permit File

The CFEC permit file contains data on persons who hold or have held CFEC permits. It originates from CFEC permit renewal and permit transfer forms. The permit file contains a data field indicating the declared residency of permit holders as well as their addresses.

In this report, resident status is categorized into three resident types:

- **Local** – permits held by persons residing locally to the ADF&G management area
- **Nonlocal** – permits held by persons who reside in Alaska outside of the ADF&G management area
- **Nonresidents** – permits held by persons who are not residents of Alaska

CFEC Vessel File

CFEC maintains a computer file of vessel registration data back to 1978. Commercial fishermen fill out a form and voluntarily provide data regarding the vessel they intend to use that fishing season.

CFEC Census File

CFEC maintains a computer file of places within Alaska where permit holders reside. Each community is annotated with information on its local or nonlocal status by permit fishery. Table 1-2 lists the communities that are currently designated as local to the Yakutat set gillnet salmon fishery in the Census file. Table 1-3 includes communities local to the Southeast Alaska purse seine and drift gillnet salmon fisheries. Note that while salmon hand and power troll permits are issued statewide, CFEC considers only the communities listed in Tables 0-2 and 0-3 as local to the salmon troll fisheries because these communities are local to where the fishery is prosecuted.

Table 0-2. Communities Local to the Yakutat Set Gillnet Salmon Fishery, as Indicated in the CFEC Census File

Cape Yakataga	Icy Bay	Situk	Yakutat
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Table 0-3. Communities Local to the Southeast Alaska Purse Seine and Drift Gillnet Salmon Fisheries, as Indicated in the CFEC Census File

Angoon	Edna Bay	Katlina	Noyes Island	Steamboat Bay
Annette	Elfin Cove	Ketchikan	Pelican	Taku Harbor
Auke Bay	Excursion Inlet	Ketchikan East	Pennock Island	Tenakee
Baranof	Freshwater Bay	Klawock	Petersburg	Tenakee Springs
Baranof Warm Springs	Funter Bay	Klukwan	Point Baker	Thoms Place
Bell Island	Game Creek	Kupreanof	Polk Inlet	Thorne Bay
Big Port Walter	Gustavus	Labouchere Bay	Port Alexander	Tokeen
Campbell	Haines	Little Port Walter	Port Alice	Tuxekan
Cape Pole	Happy Harbor	Long Island	Port Armstrong	Twin Peaks
Chatham	Hawk Inlet	Loring	Port Frederick	Tyee
Clover Pass	Herring Cove	Lutak	Port Protection	Ward Cove
Coffman Cove	Hobart Bay	Metlakatla	Rowan Bay	Warm Springs Bay
Corner Bay	Hollis	Meyers Chuck	Saginaw Bay	Waterfall
Covenant Life	Hoonah	Mosquito Lake	Saint James Bay	Whale Pass
Craig	Hydaburg	Mount Edgecumbe	Saltery Cove	Whitestone Logging Camp
Cube Cove	Hyder	Mountain Point	Saxman	Wrangell
Dairy	Idaho Inlet	Mud Bay	Shoal Cove	Yes Bay
Deep Bay	Juneau	Naukati	Sitka	
Dora Bay	Kake	Naukati Bay	Skagway	
Douglas	Kasaan	North Tongass Hwy	St. John Harbor	

Data Display

Percentages are rounded to the nearest tenth of a percent where displayed. Dollars are rounded to whole dollars. As such, rounded aggregates may appear to not total due to rounding. If you would like more precise figures then please contact the CFEC research unit. Some counts will vary from previous research projects insofar as the data has been corrected and updated.

Chapter 1 Southeast Alaska Salmon Purse Seine Fishery

S01A Permit Holdings

Limited entry permits for the Southeast Alaska salmon purse seine fishery (S01A permits) were issued starting in 1975. Table 1-1 indicates the initial distribution and historical net changes in permit holdings for the fishery. CFEC has issued 419 S01A permits. Of this total, Alaska Locals received 50.8% (213/419) of the permits, Nonlocal Alaskans received 0.2% (1/419) of the permits, and Nonresidents received 48.9% (205/419). Every permit issued was a transferable permit.

Table 1-1. Initial Issuance and Year-end 2016 Totals of Southeast Alaska Salmon Purse Seine Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

INITIAL ISSUE			TRANSFERS		MIGRATIONS		CANCELLED		2016 YEAR-END	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percentage
Local	213	50.8%	-12	-5.6%	-15	-7.0%	-22	-10.3%	164	52.1%
Nonlocal	1	0.2%	18	1800.0%	-1	-100.0%	-11	-1100.0%	7	2.2%
Nonresident	205	48.9%	-6	-2.9%	16	7.8%	-71	-34.6%	144	45.7%
Total	419	100.0%	0	0.0%	0	0.0%	-104	-24.8%	315	100.0%

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled (such as when a permit holder does not pay the renewal fee for two consecutive years or if there is a permit buyback). This table indicates the extent to which these factors have contributed to net changes in permit holdings in this fishery.

Nine-nine permits were cancelled in the purse seine fishery through two separate permit buybacks. A buyback in 2008 retired 35 permits. Another buyback in 2012 retired 64 additional permits.

Transfers of S01A Permits

Under the Limited Entry Act’s terms of free transferability, permits may be sold, traded, given away, or inherited. CFEC requires the completion of a survey with each transfer.² The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

Table 1-2. Transfer Acquisition Methods for Southeast Alaska Salmon Purse Seine Permits, 1980-2016

Acquisition Method	S01A Permit		Combined Southeast Salmon		Statewide Salmon Purse Seine		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Gift</i>	259	25.9%	1,783	20.5%	1,157	31.7%	13,386	36.3%
<i>Sale</i>	703	70.2%	6,631	76.2%	2,299	63.0%	21,761	59.0%
<i>Trade</i>	20	2.0%	144	1.7%	64	1.8%	511	1.4%
<i>Other</i>	19	1.9%	144	1.7%	132	3.6%	1,215	3.3%
Total	1,001		8,702		3,652		36,873	

Table 1-2 compares and contrasts transfer acquisition methods for the S01A permits, all five Southeast Alaska salmon permit types combined, statewide salmon purse seine permits, and all limited entry permits between 1980 and 2016. More than two-thirds of all S01A permit transfers were sales (70.2%, or 703/1,001), just over a quarter were transferred as gifts (25.9% or 259/1,001), and a smaller percentage were trades (2.0% or 20/1,001) or other (1.9% or 19/1,001). The annual acquisition methods for S01A permits have not changed substantially throughout the time period.³

Table 1-3. Relationships of Transferor to Transfer Recipients for Southeast Alaska Salmon Purse Seine Permits, 1980-2016

Relationship	S01A Permit		Combined Southeast Salmon		Statewide Salmon Purse Seine		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Business Partner/Friend</i>	198	19.8%	1,756	20.2%	666	18.2%	6,801	18.4%
<i>Member of Immediate Family</i>	266	26.6%	1,803	20.7%	1,169	32.0%	12,468	33.8%
<i>Other Relative</i>	27	2.7%	232	2.7%	146	4.0%	1,707	4.6%
<i>Other</i>	510	50.9%	4,911	56.4%	1,671	45.8%	15,897	43.1%
Total	1,001		8,702		3,652		36,873	

Table 1-3 shows the relationships between the transferors and transfer recipients for S01A permits, and compares and contrasts S01A permit transfers with all five Southeast Alaska salmon permit types combined, statewide salmon purse seine permits, and all limited entry permits from 1980 to 2016. Transfers within the family, both immediate family members and other relatives, total 29.3% (293/1,001) of all transfers. This compares to 23.4% (2,035/8,702) for all five Southeast Alaska salmon permit types combined, 36.0% (1,315/3,652) for statewide salmon purse seine permits, and 38.4% (14,175/36,873) for all limited entry permits statewide.

² CFEC implemented the transfer survey in 1980.

³ See *Changes in the Distribution of Alaska’s Commercial Fisheries Entry Permits, 1975-2016*, CFEC Report No. 17-1N.

Emergency Transfers of S01A Permits

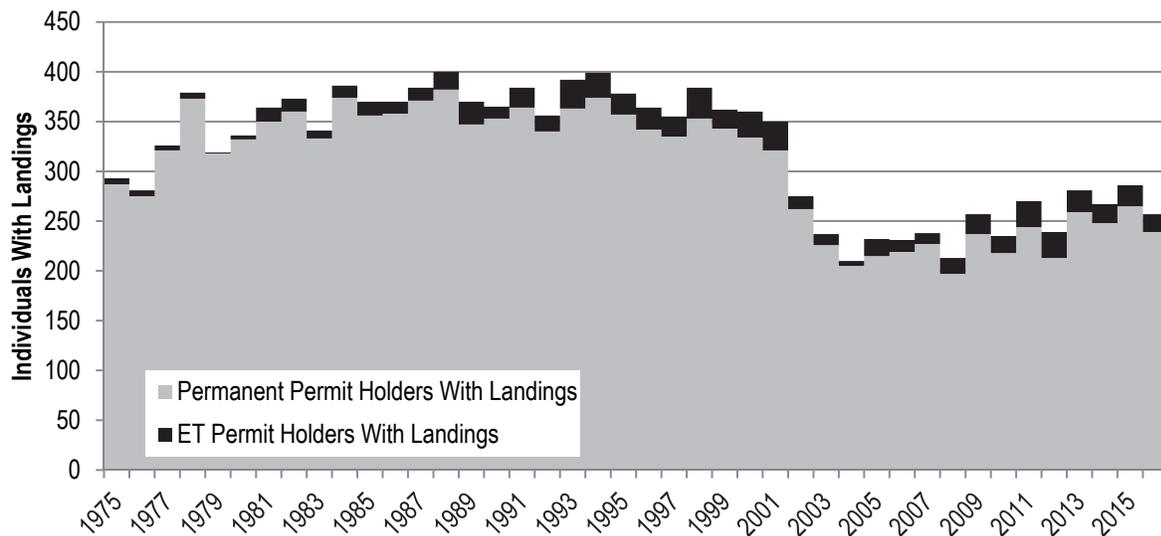
Commercial landings can be made with either permanently-held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, and unforeseen nature prevents the permanent permit holder from participating in the fishery. “Hardship” does not include the results of a permit holder’s own economic decisions, or the results of economic, biological or regulatory variables which are normally part of the risk of doing business as a fisherman. At the end of the year, ET permits automatically revert back to the permanent permit holder.

Table 1-4 and Figure 1-1 show the total number of individuals who recorded landings each year, and of that group, the number of individuals who made landings with ET permits. Some individuals who made landings with ET permits also made landings with permanent permits in the same year.

Table 1-4. Use of Emergency Transfer Permits in the Southeast Alaska Salmon Purse Seine Fishery, 1975-2016

Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET	Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET	Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET
1975	293	6	2.0%	1989	370	23	6.2%	2003	237	11	4.6%
1976	281	6	2.1%	1990	365	12	3.3%	2004	210	5	2.4%
1977	326	5	1.5%	1991	384	20	5.2%	2005	232	17	7.3%
1978	379	6	1.6%	1992	356	16	4.5%	2006	231	12	5.2%
1979	319	1	0.3%	1993	392	29	7.4%	2007	238	11	4.6%
1980	336	4	1.2%	1994	399	25	6.3%	2008	213	16	7.5%
1981	364	14	3.8%	1995	378	21	5.6%	2009	257	20	7.8%
1982	373	13	3.5%	1996	364	22	6.0%	2010	235	17	7.2%
1983	341	8	2.3%	1997	355	20	5.6%	2011	270	26	9.6%
1984	386	12	3.1%	1998	384	31	8.1%	2012	239	26	10.9%
1985	370	14	3.8%	1999	362	19	5.2%	2013	281	22	7.8%
1986	370	12	3.2%	2000	360	26	7.2%	2014	267	19	7.1%
1987	384	13	3.4%	2001	350	29	8.3%	2015	286	21	7.3%
1988	400	18	4.5%	2002	275	13	4.7%	2016	257	18	7.0%

Figure 1-1. Use of Emergency Transfer Permits in the Southeast Alaska Salmon Purse Seine Fishery, 1975-2016



Latent S01A Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they actually fish. Permits that are not used (don't record landings) in a given year are referred to herein as "latent" permits for that year.

Table 1-5 indicates the total number of viable S01A permits issued each year, the number of permits fished (with commercial landings), and the rate of permit latency. Viable permits include both interim entry and permanent permits. Note that for this table, in years when a single individual held an interim-entry permit and was also issued a permanent permit, only the permanent permit is counted. The rate of latency is depicted in Figure 1-2.

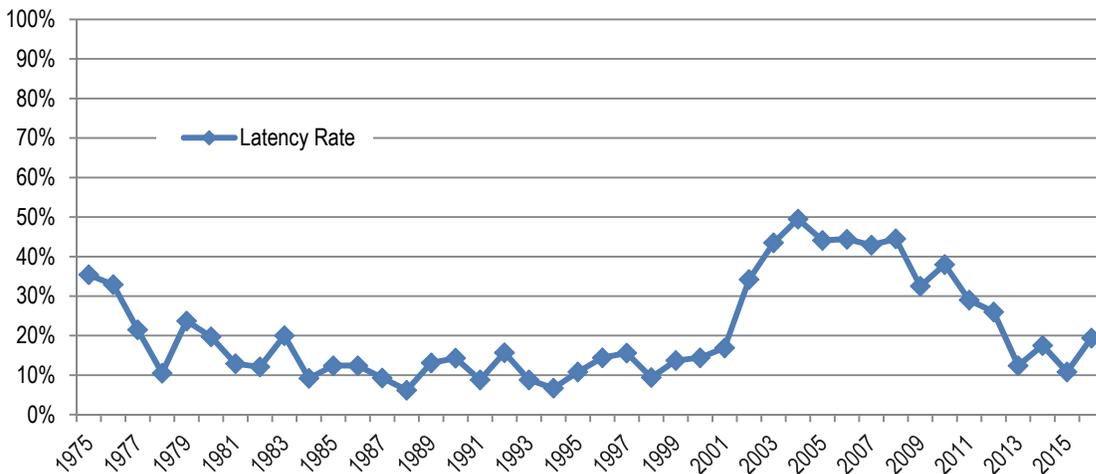
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

Table 1-5. Southeast Alaska Salmon Purse Seine Permit Latency, 1975-2016

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	443	286	35.4%	1989	420	365	13.1%	2003	416	235	43.5%
1976	416	279	32.9%	1990	420	360	14.3%	2004	414	209	49.5%
1977	414	325	21.5%	1991	420	383	8.8%	2005	415	232	44.1%
1978	420	376	10.5%	1992	420	354	15.7%	2006	414	230	44.4%
1979	418	319	23.7%	1993	419	382	8.8%	2007	415	237	42.9%
1980	417	335	19.7%	1994	418	390	6.7%	2008	382	212	44.5%
1981	418	364	12.9%	1995	418	373	10.8%	2009	379	256	32.5%
1982	421	370	12.1%	1996	417	357	14.4%	2010	379	235	38.0%
1983	421	337	20.0%	1997	416	351	15.6%	2011	379	269	29.0%
1984	422	383	9.2%	1998	416	377	9.4%	2012	315	233	26.0%
1985	420	368	12.4%	1999	416	359	13.7%	2013	315	276	12.4%
1986	420	368	12.4%	2000	416	356	14.4%	2014	315	260	17.5%
1987	420	381	9.3%	2001	415	345	16.9%	2015	315	281	10.8%
1988	420	394	6.2%	2002	415	273	34.2%	2016	315	254	19.4%

- When an individual with an interim-entry permit is issued a permanent permit in the same year, only the permanent permit is counted in the above table.
- 'Permits Fished' is the number of CFEC permits that were used to record commercial landings in that year.

Figure 1-2. Southeast Alaska Salmon Purse Seine Permit Latency, 1975-2016



New Entrants into the Southeast Alaska Salmon Purse Seine Fishery

New entrants are defined herein as individuals who, for the first time, record a landing on a permanent S01A permit. It is important to note that initial permit holders are not considered new entrants because they needed a proven fishing history prior to 1975 in order to become an initial permit holder of a limited entry permit. Individuals who only make landings on an emergency transfer or interim-entry permit for any given year are not considered in this table.

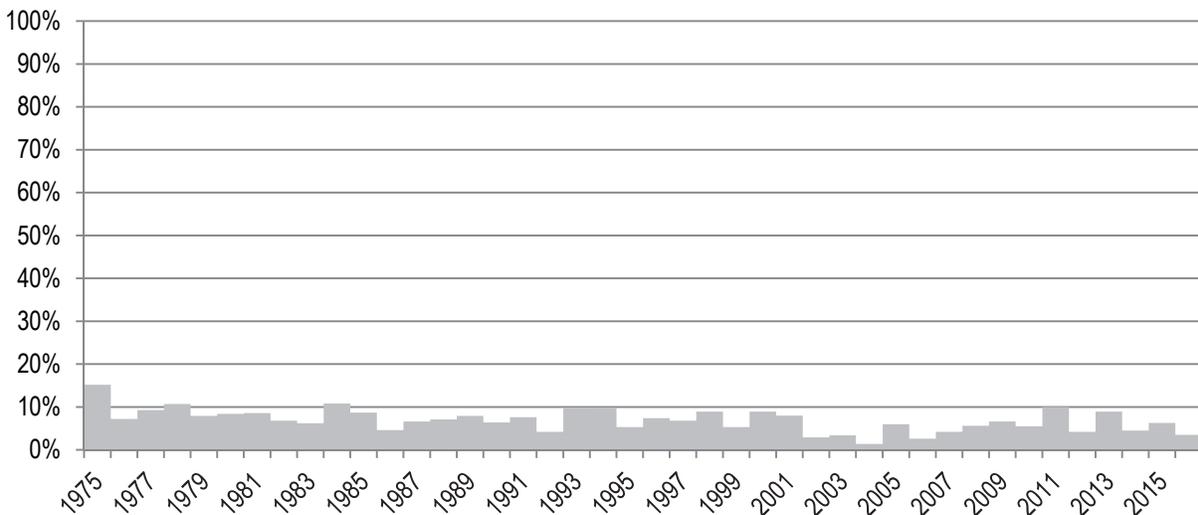
Table 1-6 and Figure 1-3 describe individuals rather than permits. An individual may hold up to two permits in this fishery, but can only fish one of them. An individual may hold one S01A permit one year, and then in subsequent years hold a different S01A permit. Likewise, individuals may enter and exit the fishery multiple times over the years. Individuals are only counted once as a new entrant and only in the year in which they made their first documented landing.

Table 1-6. New Entrants into the Southeast Alaska Salmon Purse Seine Fishery, 1975-2016

Individuals															
Year	w/Landings	New	Percent												
1975	277	42	15.2%	1986	366	17	4.6%	1997	354	24	6.8%	2008	213	12	5.6%
1976	279	20	7.2%	1987	380	25	6.6%	1998	383	34	8.9%	2009	257	17	6.6%
1977	323	30	9.3%	1988	396	28	7.1%	1999	361	19	5.3%	2010	235	13	5.5%
1978	374	40	10.7%	1989	366	29	7.9%	2000	359	32	8.9%	2011	270	27	10.0%
1979	317	25	7.9%	1990	362	23	6.4%	2001	349	28	8.0%	2012	239	10	4.2%
1980	332	28	8.4%	1991	381	29	7.6%	2002	274	8	2.9%	2013	281	25	8.9%
1981	360	31	8.6%	1992	354	15	4.2%	2003	236	8	3.4%	2014	267	12	4.5%
1982	369	25	6.8%	1993	390	38	9.7%	2004	210	3	1.4%	2015	286	18	6.3%
1983	337	21	6.2%	1994	398	39	9.8%	2005	232	14	6.0%	2016	257	9	3.5%
1984	380	41	10.8%	1995	377	20	5.3%	2006	231	6	2.6%				
1985	366	32	8.7%	1996	363	27	7.4%	2007	238	10	4.2%				

- New Entrants excludes individuals with interim-entry and emergency transfer permits.

Figure 1-3. New Entrants into the Southeast Alaska Salmon Purse Seine Fishery, 1975-2016



Age of S01A Permit Holders

Table 1-7. Mean Age of Select CFEC Permit Holders and the General Alaskan Population

Year	S01A	Combined Southeast Salmon	Statewide Salmon Purse Seine	Statewide All Permits	Mean AK Worker Age
1980	44.7	44.5	42.3	40.8	33.4
1981	44.7	44.4	42.3	40.8	33.5
1982	44.7	44.2	42.2	40.9	33.6
1983	44.3	43.7	41.8	41.0	33.7
1984	43.9	44.2	42.1	41.3	33.8
1985	44.3	44.6	42.6	41.6	34.0
1986	44.6	44.7	42.5	41.8	34.2
1987	44.3	45.2	42.5	42.1	34.5
1988	44.6	45.4	42.7	42.2	34.9
1989	44.7	46.0	42.8	42.7	35.3
1990	44.8	46.4	43.2	43.0	35.5
1991	45.0	46.8	43.5	43.4	35.9
1992	45.3	47.3	44.1	43.8	36.2
1993	46.0	47.9	44.6	44.2	36.5
1994	46.0	48.3	45.1	44.6	36.7
1995	46.3	48.5	45.5	44.9	37.0
1996	46.5	49.1	45.9	45.3	37.2
1997	47.1	49.6	46.4	45.7	37.4
1998	47.3	50.1	46.8	46.0	37.6
1999	47.7	50.5	47.3	46.4	37.8
2000	47.8	50.8	47.4	46.8	37.9
2001	48.3	51.2	48.1	47.1	38.1
2002	48.6	51.8	48.7	47.7	38.3
2003	49.7	52.3	49.6	48.2	38.4
2004	50.7	52.5	50.3	48.4	38.6
2005	51.2	52.6	50.8	48.6	38.7
2006	51.8	52.7	51.2	48.8	38.8
2007	52.3	53.0	51.6	49.0	38.9
2008	52.5	53.2	51.2	49.2	39.0
2009	53.1	53.6	51.6	49.6	39.1
2010	53.0	53.9	51.7	49.7	39.2
2011	53.1	53.9	51.5	49.9	39.4
2012	52.5	53.9	51.6	50.1	39.4
2013	51.7	53.9	51.4	50.2	39.5
2014	52.0	54.0	51.4	50.4	39.5
2015	52.4	54.4	51.9	50.8	39.5
2016	52.8	54.8	52.4	51.2	39.7

- Mean AK Worker Age is the annual average age of all Alaskans age 16-64 as reported by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.
- Displayed figures are rounded to the nearest 10th. Age data from the CFEC permit file is as of December 31st of each year.

Table 1-7 shows the annual mean age of five different cohorts of people: 1) Southeast Alaska salmon purse seine (S01A) permit holders; 2) all five (S01A, S03A, S04D, S05B, and S15B) Southeast Alaska salmon permit holders; 3) statewide salmon purse seine permit holders 4) all CFEC limited entry permit holders; and 5) the Alaskan worker population.

Note that these figures include ages of permit holders for both transferable and non-transferable permits; however, there were no non-transferable S01A permits issued. Some individuals hold permits in more than one fishery; in these cases, the age of the permit holder is counted once for each permit that he or she holds.

The mean age of the general Alaskan worker age population has increased 6.3 years between 1980 and 2016, which represents an 18.8% increase. The percent change in ages over the same period for all CFEC permit holders increased by 25.6% (10.4 years), 24.0% (10.2 years) for the statewide salmon purse seine permit holders, and 23.3% (10.4 years) for the combined Southeast Alaska salmon permit holders.

For S01A permit holders, the mean age increased 18.0% (8.1 years).

S01A Permit Value

Many permit transfers are non-monetary transactions (see Table 1-2). Table 1-8 considers solely the arms-length market transactions where permits are sold. CFEC estimated values are expressed in both nominal and real (adjusted for inflation) terms.

Table 1-8. CFEC Estimated Value of Southeast Alaska Salmon Purse Seine Permits

Year	S01A Permit Sales	Nominal		Real	
		Permit Value	Standard Deviation	Permit Value	Standard Deviation
1982	22	\$40,636	-	\$101,067	-
1983	20	\$38,531	-	\$92,848	-
1984	38	\$40,884	-	\$94,441	-
1985	27	\$37,907	-	\$84,553	-
1986	18	\$36,059	-	\$78,964	-
1987	30	\$40,832	-	\$86,267	-
1988	18	\$65,833	-	\$133,562	-
1989	30	\$79,267	-	\$153,424	-
1990	16	\$110,563	-	\$203,029	-
1991	19	\$92,700	\$5,750	\$163,353	\$10,132
1992	16	\$65,000	\$11,150	\$111,194	\$19,074
1993	16	\$79,600	\$6,750	\$132,211	\$11,211
1994	25	\$73,600	\$6,400	\$119,194	\$10,365
1995	15	\$75,900	\$3,950	\$119,531	\$6,221
1996	16	\$61,200	\$11,650	\$93,616	\$17,821
1997	20	\$50,000	\$5,650	\$74,769	\$8,449
1998	24	\$49,500	\$6,650	\$72,886	\$9,792
1999	17	\$40,400	\$5,350	\$58,201	\$7,707
2000	23	\$39,300	\$3,750	\$54,775	\$5,227
2001	22	\$34,700	\$5,300	\$47,026	\$7,183
2002	25	\$22,800	\$4,150	\$30,418	\$5,537
2003	8	\$32,800	\$5,100	\$42,784	\$6,652
2004	6	\$32,100	\$3,450	\$40,785	\$4,383
2005	17	\$41,800	\$5,200	\$51,369	\$6,390
2006	16	\$52,900	\$7,650	\$62,978	\$9,107
2007	15	\$59,700	\$7,350	\$69,105	\$8,508
2008	9	\$67,800	\$5,000	\$75,579	\$5,574
2009	17	\$72,800	\$5,100	\$81,443	\$5,705
2010	25	\$87,400	\$21,600	\$96,198	\$23,774
2011	23	\$129,500	\$14,900	\$138,175	\$15,898
2012	10	\$236,000	\$14,700	\$246,704	\$15,367
2013	11	\$300,800	\$21,300	\$309,903	\$21,945
2014	5	\$307,000	\$10,350	\$311,242	\$10,493
2015	10	\$250,000	\$46,450	\$253,154	\$47,036
2016	3	\$163,400	\$15,500	\$163,400	\$15,500

- Permit values represent averages of all arms-length sale transactions over the year. Beginning in 1991, additional data from recent months in the preceding year may be included until at least four observations can be averaged.
- The Standard Deviation was not calculated prior to 1991.
- Real permit values were calculated using the 2016 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Southeast Alaska Salmon Purse Seine Vessel Characteristics

Table 1-9 reports on various vessel characteristics of the Southeast Alaska salmon purse seine fleet since 1978. Reported are the age, length, net tonnage, horsepower, and hold capacity. This data is from the vessel license file which includes voluntarily supplied information on vessels. The first column of each category is the count of vessels with the described characteristics; other statistics reported include the 25th percentile, median, and 75th percentile.

Table 1-9. Southeast Alaska Salmon Purse Seine Vessel Characteristics

Year	Vessel Count	Age				Length				Gross Tons				Net Tons				Horsepower				Hold Capacity			
		Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%
1978	376	362	14	28	41	363	46	49	49	306	30	40	47	351	22	27	34	360	165	218	250	226	750	980	1,400
1979	313	298	14	29	36	301	46	49	49	260	31	40	50	290	22	27	34	295	165	220	250	196	800	1,000	1,400
1980	326	318	15	30	42	319	46	49	49	286	31	40	49	309	22	27	34	313	165	220	250	213	750	1,000	1,400
1981	351	346	14	31	41	345	46	49	49	307	31	40	50	333	22	27	35	339	165	220	250	222	750	1,000	1,333
1982	363	358	13	31	39	358	46	49	49	327	31	40	50	347	22	28	34	353	165	220	275	229	750	1,000	1,400
1983	329	325	14	32	39	327	46	49	49	300	32	41	50	314	22	28	35	323	165	225	275	220	800	1,000	1,400
1984	374	366	15	33	40	366	47	49	49	332	33	41	51	353	22	28	36	360	165	225	300	256	800	1,060	1,500
1985	358	355	15	33	41	356	47	49	49	326	33	41	51	344	23	28	36	352	165	225	300	252	840	1,083	1,500
1986	366	366	14	33	41	366	47	49	49	339	34	42	52	351	23	29	36	360	165	230	300	264	852	1,100	1,500
1987	380	380	14	30	42	379	47	49	49	347	34	42	53	364	23	29	37	374	165	230	300	272	857	1,100	1,500
1988	393	393	14	29	42	393	48	49	49	365	34	43	54	376	24	30	38	388	165	240	322	285	900	1,105	1,600
1989	366	366	15	31	44	366	48	49	49	343	34	42	54	350	24	29	38	365	165	240	322	278	884	1,100	1,500
1990	361	360	16	34	45	360	48	49	49	341	35	43	54	347	24	29	38	359	167	240	320	270	900	1,100	1,500
1991	384	383	16	30	45	383	48	49	49	362	36	45	58	368	25	31	40	383	190	245	335	288	900	1,200	1,613
1992	352	352	17	30	45	351	48	49	49	331	38	45	59	336	26	31	40	350	200	250	340	266	900	1,213	1,600
1993	381	381	15	29	45	380	49	49	50	355	38	46	59	362	26	31	42	380	220	270	350	286	945	1,272	1,700
1994	392	392	15	29	45	391	49	49	50	366	39	46	59	372	27	32	43	387	220	292	360	298	945	1,250	1,700
1995	378	378	16	31	46	378	49	49	54	353	39	47	59	359	27	32	43	371	220	290	350	288	970	1,280	1,700
1996	359	358	17	29	47	358	49	55	58	329	40	47	60	336	27	32	43	351	220	290	360	270	980	1,300	1,700
1997	354	354	18	28	47	354	49	56	58	326	40	47	60	332	27	33	43	346	228	300	360	273	1,000	1,300	1,730
1998	378	378	18	27	48	378	50	56	58	347	40	49	61	354	27	34	45	370	230	300	365	287	1,000	1,300	1,800
1999	358	358	19	28	49	358	50	56	58	327	40	49	60	334	27	34	44	349	235	300	365	274	1,000	1,300	1,800
2000	356	356	20	29	50	356	50	56	58	329	40	49	61	333	27	34	44	348	235	320	365	271	1,000	1,300	1,800
2001	344	344	21	30	51	344	51	57	58	319	41	49	61	323	27	34	45	337	240	320	365	262	1,000	1,300	1,800
2002	272	272	23	31	52	272	51	57	58	252	41	50	61	255	27	35	46	266	245	325	365	206	1,000	1,300	1,800
2003	233	233	23	30	51	233	52	58	58	213	43	51	66	216	29	37	47	227	250	335	365	177	1,000	1,400	1,900
2004	203	203	24	31	53	203	53	58	58	188	43	51	67	189	29	36	48	198	245	335	365	161	1,000	1,400	1,960
2005	226	226	25	32	50	226	53	58	58	212	44	53	67	213	29	37	49	221	245	335	365	173	1,000	1,400	2,000
2006	223	223	26	33	54	223	53	58	58	209	43	54	67	210	29	37	49	219	245	335	365	172	1,000	1,400	2,000
2007	234	234	27	34	53	234	53	58	58	220	43	54	68	221	29	37	49	230	245	335	365	183	1,000	1,400	2,000
2008	212	212	28	35	56	212	53	58	58	199	43	52	67	201	29	36	48	207	250	335	365	166	1,000	1,400	1,950
2009	251	251	29	35	52	251	54	58	58	240	44	53	68	240	28	36	50	245	250	340	365	198	1,000	1,400	2,000
2010	233	233	30	36	53	233	54	58	58	223	43	51	66	222	28	35	47	227	250	335	365	181	1,000	1,400	1,950
2011	266	266	30	37	53	266	54	58	58	256	43	54	68	256	27	35	49	258	250	344	380	210	1,000	1,450	2,000
2012	234	234	32	39	54	234	54	57	58	225	43	51	66	224	27	34	46	227	250	345	365	182	1,000	1,400	2,000
2013	275	275	31	38	52	275	54	58	58	266	44	54	70	264	28	36	50	267	275	350	400	213	1,000	1,440	2,000
2014	265	260	32	39	53	260	54	58	58	251	44	54	71	248	28	36	50	252	278	350	400	198	1,100	1,452	2,100
2015	283	283	33	40	54	283	54	58	58	278	45	55	72	274	28	36	52	274	280	350	400	226	1,100	1,500	2,200
2016	254	254	34	41	55	254	54	58	58	250	45	54	71	246	28	36	51	246	275	350	400	199	1,100	1,452	2,100
Total	891					867	47	52	58	778	33	44	59	793	21	29	40	836	190	300	365	597	854	1,200	1,800

• Total includes every vessel used in this fishery from 1978 to 2016.

Table 1-10 provides additional Southeast Alaska salmon purse seine vessel characteristics. Included are statistics of engine power type and hull material for each year since 1978.

Table 1-10. Additional Southeast Alaska Salmon Purse Seine Vessel Characteristics

Year	Vessel Count	Engine Power					Hull Material										
		Count	Diesel	Gas	Count	Aluminum	Fiberglass	Concrete	Steel	Wood							
1978	376	364	359	98.6%	5	1.4%	364	3	0.8%	20	5.5%	1	0.3%	60	16.5%	280	76.9%
1979	313	301	297	98.7%	4	1.3%	300	0	0.0%	19	6.3%	1	0.3%	55	18.3%	225	75.0%
1980	326	319	315	98.7%	4	1.3%	317	2	0.6%	26	8.2%	1	0.3%	55	17.4%	233	73.5%
1981	351	346	341	98.6%	5	1.4%	345	3	0.9%	31	9.0%	1	0.3%	62	18.0%	248	71.9%
1982	363	358	351	98.0%	7	2.0%	356	4	1.1%	32	9.0%	1	0.3%	70	19.7%	249	69.9%
1983	329	324	320	98.8%	4	1.2%	324	2	0.6%	29	9.0%	1	0.3%	69	21.3%	223	68.8%
1984	374	363	360	99.2%	3	0.8%	364	3	0.8%	37	10.2%	1	0.3%	77	21.2%	246	67.6%
1985	358	355	352	99.2%	3	0.8%	354	3	0.8%	37	10.5%	1	0.3%	76	21.5%	237	66.9%
1986	366	364	362	99.5%	2	0.5%	366	9	2.5%	35	9.6%	1	0.3%	85	23.2%	236	64.5%
1987	380	378	376	99.5%	2	0.5%	380	11	2.9%	41	10.8%	1	0.3%	92	24.2%	235	61.8%
1988	393	391	389	99.5%	2	0.5%	392	9	2.3%	47	12.0%	1	0.3%	102	26.0%	233	59.4%
1989	366	366	364	99.5%	2	0.5%	366	7	1.9%	51	13.9%	1	0.3%	89	24.3%	218	59.6%
1990	361	361	360	99.7%	1	0.3%	360	5	1.4%	44	12.2%	1	0.3%	88	24.4%	222	61.7%
1991	384	384	383	99.7%	1	0.3%	383	2	0.5%	55	14.4%	1	0.3%	106	27.7%	219	57.2%
1992	352	352	351	99.7%	1	0.3%	350	5	1.4%	48	13.7%	1	0.3%	101	28.9%	195	55.7%
1993	381	381	379	99.5%	2	0.5%	379	6	1.6%	71	18.7%	1	0.3%	111	29.3%	190	50.1%
1994	392	392	391	99.7%	1	0.3%	390	4	1.0%	77	19.7%	1	0.3%	120	30.8%	188	48.2%
1995	378	377	377	100.0%	0	0.0%	377	2	0.5%	72	19.1%	1	0.3%	115	30.5%	187	49.6%
1996	359	358	357	99.7%	1	0.3%	357	4	1.1%	72	20.2%	1	0.3%	112	31.4%	168	47.1%
1997	354	354	353	99.7%	1	0.3%	353	3	0.8%	78	22.1%	1	0.3%	110	31.2%	161	45.6%
1998	378	377	376	99.7%	1	0.3%	377	3	0.8%	95	25.2%	1	0.3%	116	30.8%	162	43.0%
1999	358	356	355	99.7%	1	0.3%	357	5	1.4%	89	24.9%	1	0.3%	109	30.5%	153	42.9%
2000	356	354	354	100.0%	0	0.0%	355	5	1.4%	91	25.6%	1	0.3%	109	30.7%	149	42.0%
2001	344	342	342	100.0%	0	0.0%	343	5	1.5%	83	24.2%	1	0.3%	111	32.4%	143	41.7%
2002	272	270	270	100.0%	0	0.0%	272	4	1.5%	65	23.9%	1	0.4%	86	31.6%	116	42.6%
2003	233	231	231	100.0%	0	0.0%	233	3	1.3%	61	26.2%	1	0.4%	78	33.5%	90	38.6%
2004	203	201	201	100.0%	0	0.0%	202	3	1.5%	52	25.7%	1	0.5%	65	32.2%	81	40.1%
2005	226	223	223	100.0%	0	0.0%	225	4	1.8%	62	27.6%	1	0.4%	77	34.2%	81	36.0%
2006	223	221	221	100.0%	0	0.0%	222	4	1.8%	62	27.9%	1	0.5%	71	32.0%	84	37.8%
2007	234	233	233	100.0%	0	0.0%	233	5	2.1%	63	27.0%	1	0.4%	78	33.5%	86	36.9%
2008	212	211	211	100.0%	0	0.0%	211	4	1.9%	56	26.5%	1	0.5%	69	32.7%	81	38.4%
2009	251	250	250	100.0%	0	0.0%	250	9	3.6%	70	28.0%	1	0.4%	81	32.4%	89	35.6%
2010	233	232	232	100.0%	0	0.0%	233	8	3.4%	61	26.2%	1	0.4%	76	32.6%	87	37.3%
2011	266	265	264	99.6%	1	0.4%	266	13	4.9%	73	27.4%	1	0.4%	87	32.7%	92	34.6%
2012	234	233	233	100.0%	0	0.0%	234	11	4.7%	55	23.5%	1	0.4%	82	35.0%	85	36.3%
2013	275	274	274	100.0%	0	0.0%	274	16	5.8%	69	25.2%	1	0.4%	96	35.0%	92	33.6%
2014	265	259	259	100.0%	0	0.0%	259	17	6.6%	60	23.2%	1	0.4%	96	37.1%	85	32.8%
2015	283	282	282	100.0%	0	0.0%	282	19	6.7%	75	26.6%	1	0.4%	98	34.8%	89	31.6%
2016	254	253	253	100.0%	0	0.0%	253	15	5.9%	61	24.1%	1	0.4%	90	35.6%	86	34.0%
Total	891	865	842	97.3%	23	2.7%	862	56	6.5%	206	23.9%	1	0.1%	230	26.7%	369	42.8%

- Total includes every vessel used in this fishery from 1978 to 2016.

Participation and Earnings

Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 1-4 are for both nominal and real dollars using the 2016 Consumer Price Index from the U.S. Bureau of Labor Statistics.

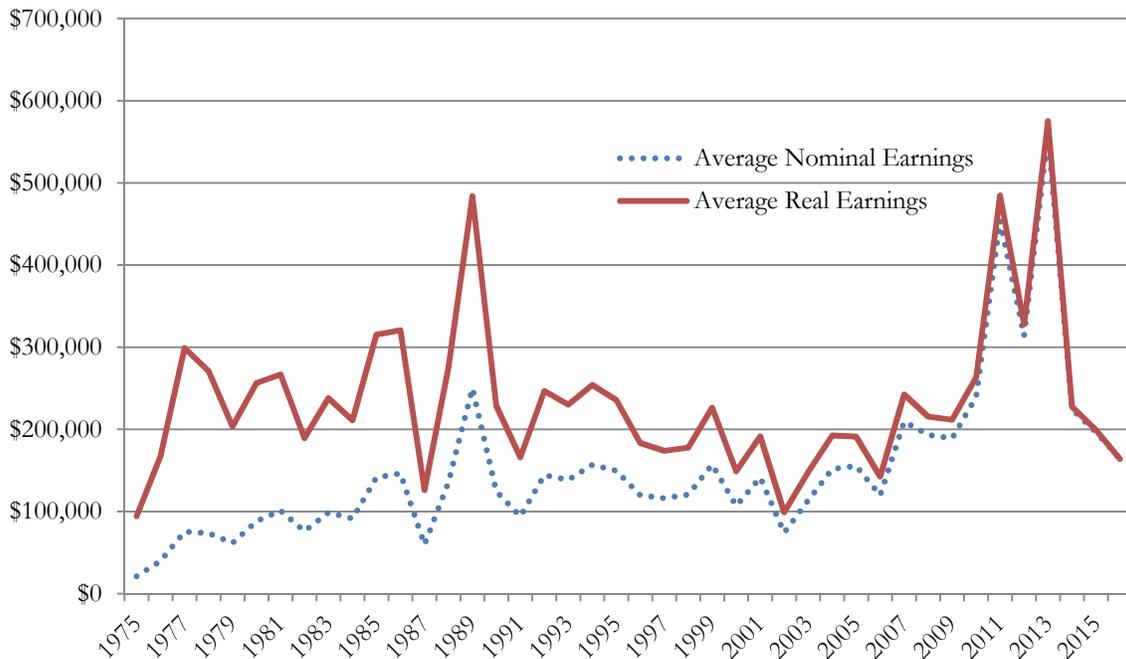
Permit counts include interim-entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held for the Southeast Alaska salmon purse seine fishery was in 2003. Some individuals made landings on both an interim-entry permit and subsequently on their newly issued permanent permit in the same year; for these instances, only the permanent permit is counted in this report.

Table 1-11 reports the number of permits issued, permits and vessels with landings, and estimated gross earnings in the Southeast Alaska salmon purse seine fishery from 1975 to 2016. Note that the figures by permit in this table span the entire year, regardless of who held the permit or however many times the permit was transferred.

Table 1-12 reports the number of permit holders (people) and estimated real (inflation-adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Table 1-13 breaks out participation and earnings by ADF&G salmon management area with real ex-vessel values. Note that some permits are used to record landings in more than one district.

Figure 1-4. Estimated Nominal and Real Average Gross Earnings Per Southeast Alaska Salmon Purse Seine Permit



- Real earnings are adjusted for inflation using the 2016 U.S. Bureau of Labor Statistics Consumer Price Index.

Table 1-11. Estimated Total Gross Earnings (Real and Nominal) for the Southeast Alaska Salmon Purse Seine Fishery, With Average Earnings (Real) by Permit and Vessel, 1975-2016

Year	Viable Permits	Total Gross Earnings		Permits With Landings	Average Real Earnings	Vessels With Landings	Average Real Vessel Earnings
		Nominal	Real				
1975	443	\$6,047,904	\$26,980,283	286	\$94,337	294	\$91,770
1976	416	\$11,064,253	\$46,669,565	279	\$167,274	296	\$157,667
1977	414	\$24,528,760	\$97,146,438	325	\$298,912	326	\$297,995
1978	420	\$27,664,646	\$101,836,024	376	\$270,840	376	\$270,840
1979	418	\$19,632,769	\$64,903,610	319	\$203,460	313	\$207,360
1980	417	\$29,487,986	\$85,889,842	335	\$256,388	326	\$263,466
1981	418	\$36,786,344	\$97,128,494	364	\$266,837	351	\$276,719
1982	421	\$28,147,770	\$70,006,857	370	\$189,208	363	\$192,856
1983	421	\$33,292,294	\$80,224,735	337	\$238,056	329	\$243,844
1984	422	\$35,000,066	\$80,849,479	383	\$211,095	374	\$216,175
1985	420	\$52,018,934	\$116,030,746	368	\$315,301	358	\$324,108
1986	420	\$53,893,815	\$118,019,094	368	\$320,704	366	\$322,457
1987	420	\$22,739,529	\$48,042,660	381	\$126,096	380	\$126,428
1988	420	\$53,314,374	\$108,164,185	394	\$274,528	393	\$275,227
1989	420	\$91,241,060	\$176,600,752	365	\$483,838	366	\$482,516
1990	420	\$44,821,503	\$82,306,615	360	\$228,629	361	\$227,996
1991	420	\$36,071,105	\$63,563,272	383	\$165,962	384	\$165,529
1992	420	\$51,054,882	\$87,338,055	354	\$246,718	352	\$248,119
1993	419	\$52,894,318	\$87,854,717	382	\$229,986	381	\$230,590
1994	418	\$61,164,567	\$99,054,819	390	\$253,987	392	\$252,691
1995	418	\$55,806,812	\$87,887,307	373	\$235,623	378	\$232,506
1996	417	\$42,813,455	\$65,490,942	357	\$183,448	359	\$182,426
1997	416	\$40,813,997	\$61,032,056	351	\$173,881	354	\$172,407
1998	416	\$45,509,746	\$67,010,170	377	\$177,746	378	\$177,276
1999	416	\$56,402,089	\$81,253,878	359	\$226,334	358	\$226,966
2000	416	\$38,060,764	\$53,047,908	356	\$149,011	356	\$149,011
2001	415	\$48,742,800	\$66,056,540	345	\$191,468	344	\$192,025
2002	415	\$20,244,170	\$27,008,018	273	\$98,930	272	\$99,294
2003	416	\$26,705,739	\$34,834,589	235	\$148,232	233	\$149,505
2004	414	\$31,672,452	\$40,241,452	209	\$192,543	203	\$198,234
2005	415	\$36,073,649	\$44,331,430	232	\$191,084	226	\$196,157
2006	414	\$27,536,028	\$32,781,942	230	\$142,530	223	\$147,004
2007	415	\$49,646,050	\$57,467,371	237	\$242,478	234	\$245,587
2008	382	\$40,986,039	\$45,688,803	212	\$215,513	212	\$215,513
2009	379	\$48,417,377	\$54,165,526	256	\$211,584	251	\$215,799
2010	379	\$56,238,100	\$61,899,410	235	\$263,402	233	\$265,663
2011	379	\$122,181,438	\$130,366,012	269	\$484,632	266	\$490,098
2012	315	\$73,082,389	\$76,396,966	233	\$327,884	234	\$326,483
2013	315	\$154,063,995	\$158,726,448	276	\$575,096	275	\$577,187
2014	315	\$58,358,331	\$59,164,673	260	\$227,556	265	\$223,263
2015	315	\$55,228,071	\$55,924,780	281	\$199,021	283	\$197,614
2016	315	\$41,671,099	\$41,671,099	254	\$164,059	254	\$164,059

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year..

Table 1-12. Estimated Real Gross Earnings for Permit Holders in the Southeast Alaska Salmon Purse Seine Fishery by Resident Type, 1975-2016

Year	Local			Nonlocal			Nonresident			Total		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	164	\$94,683	\$15,528,048	1-3	Confidential	Confidential	128	Confidential	Confidential	293	\$92,083	\$26,980,283
1976	145	\$155,197	\$22,503,550	1-3	Confidential	Confidential	134	Confidential	Confidential	281	\$166,084	\$46,669,565
1977	161	Confidential	Confidential	1-3	Confidential	Confidential	164	\$268,366	\$44,012,064	326	\$297,995	\$97,146,438
1978	166	\$268,630	\$44,260,512	7	\$289,474	\$2,026,320	206	\$269,656	\$55,549,192	379	\$268,697	\$101,836,024
1979	155	\$213,947	\$33,161,844	5	\$270,864	\$1,354,319	159	\$191,116	\$30,387,447	319	\$203,460	\$64,903,610
1980	160	\$250,835	\$40,133,624	4	\$327,264	\$1,309,057	172	\$258,414	\$44,447,161	336	\$255,625	\$85,889,842
1981	171	\$268,966	\$45,993,250	4	\$394,520	\$1,578,080	189	\$262,207	\$49,557,163	364	\$266,837	\$97,128,494
1982	157	\$194,943	\$30,606,066	4	\$270,947	\$1,083,789	212	\$180,741	\$38,317,003	373	\$187,686	\$70,006,857
1983	158	Confidential	Confidential	1-3	Confidential	Confidential	181	\$260,032	\$47,065,815	341	\$235,263	\$80,224,735
1984	167	Confidential	Confidential	1-3	Confidential	Confidential	217	\$214,201	\$46,481,686	386	\$209,455	\$80,849,479
1985	166	Confidential	Confidential	1-3	Confidential	Confidential	201	\$315,938	\$63,503,485	370	\$313,597	\$116,030,746
1986	163	Confidential	Confidential	1-3	Confidential	Confidential	206	\$336,914	\$69,404,354	370	\$318,971	\$118,019,094
1987	168	\$133,980	\$22,508,708	4	\$148,960	\$595,839	212	\$117,633	\$24,938,113	384	\$125,111	\$48,042,660
1988	174	\$270,780	\$47,115,639	5	\$245,941	\$1,229,704	221	\$270,673	\$59,818,842	400	\$270,410	\$108,164,185
1989	170	\$425,682	\$72,365,962	4	\$471,065	\$1,884,259	196	\$522,197	\$102,350,531	370	\$477,299	\$176,600,752
1990	164	Confidential	Confidential	1-3	Confidential	Confidential	199	\$245,882	\$48,930,482	365	\$225,498	\$82,306,615
1991	165	\$158,276	\$26,115,578	6	\$110,440	\$662,637	213	\$172,700	\$36,785,057	384	\$165,529	\$63,563,272
1992	158	Confidential	Confidential	1-3	Confidential	Confidential	196	\$256,154	\$50,206,244	356	\$245,332	\$87,338,055
1993	164	\$208,412	\$34,179,540	9	\$222,686	\$2,004,172	219	\$235,941	\$51,671,004	392	\$224,119	\$87,854,717
1994	158	\$242,376	\$38,295,388	16	\$190,410	\$3,046,567	225	\$256,502	\$57,712,864	399	\$248,258	\$99,054,819
1995	165	\$204,296	\$33,708,918	12	\$224,394	\$2,692,732	201	\$256,148	\$51,485,657	378	\$232,506	\$87,887,307
1996	148	\$162,375	\$24,031,461	12	\$195,265	\$2,343,182	204	\$191,747	\$39,116,300	364	\$179,920	\$65,490,942
1997	145	\$174,869	\$25,355,949	17	\$149,003	\$2,533,058	193	\$171,726	\$33,143,049	355	\$171,921	\$61,032,056
1998	149	\$165,934	\$24,724,108	16	\$178,966	\$2,863,463	219	\$180,012	\$39,422,599	384	\$174,506	\$67,010,170
1999	150	\$214,541	\$32,181,133	15	\$222,474	\$3,337,104	197	\$232,161	\$45,735,642	362	\$224,458	\$81,253,878
2000	147	\$144,675	\$21,267,160	19	\$141,144	\$2,681,737	194	\$149,995	\$29,099,011	360	\$147,355	\$53,047,908
2001	138	\$191,745	\$26,460,875	17	\$187,999	\$3,195,984	195	\$186,665	\$36,399,681	350	\$188,733	\$66,056,540
2002	117	\$97,511	\$11,408,838	10	\$91,187	\$911,867	148	\$99,239	\$14,687,313	275	\$98,211	\$27,008,018
2003	108	\$146,408	\$15,812,030	9	\$141,119	\$1,270,071	120	\$147,937	\$17,752,487	237	\$146,981	\$34,834,589
2004	102	\$190,090	\$19,389,191	7	\$144,257	\$1,009,796	101	\$196,460	\$19,842,465	210	\$191,626	\$40,241,452
2005	112	\$190,933	\$21,384,465	8	\$164,591	\$1,316,729	112	\$193,127	\$21,630,237	232	\$191,084	\$44,331,430
2006	120	\$136,204	\$16,344,510	6	\$141,475	\$848,848	105	\$148,463	\$15,588,583	231	\$141,913	\$32,781,942
2007	114	\$235,615	\$26,860,095	10	\$238,227	\$2,382,267	114	\$247,588	\$28,225,008	238	\$241,460	\$57,467,371
2008	114	\$205,377	\$23,413,022	1-3	Confidential	Confidential	97	Confidential	Confidential	213	\$214,501	\$45,688,803
2009	126	\$212,054	\$26,718,809	8	\$205,784	\$1,646,271	123	\$209,760	\$25,800,446	257	\$210,761	\$54,165,526
2010	128	\$268,131	\$34,320,741	1-3	Confidential	Confidential	105	Confidential	Confidential	235	\$263,402	\$61,899,410
2011	132	\$494,980	\$65,337,403	5	\$342,501	\$1,712,506	133	\$476,061	\$63,316,103	270	\$482,837	\$130,366,012
2012	124	\$318,472	\$39,490,552	1-3	Confidential	Confidential	113	Confidential	Confidential	239	\$319,653	\$76,396,966
2013	143	\$576,085	\$82,380,200	10	\$547,036	\$5,470,362	128	\$553,718	\$70,875,886	281	\$564,863	\$158,726,448
2014	144	\$223,181	\$32,138,033	4	\$173,391	\$693,563	119	\$221,286	\$26,333,077	267	\$221,591	\$59,164,673
2015	150	\$203,877	\$30,581,564	7	\$136,022	\$952,151	129	\$189,078	\$24,391,066	286	\$195,541	\$55,924,780
2016	140	\$156,078	\$21,850,936	1-3	Confidential	Confidential	115	Confidential	Confidential	257	\$162,144	\$41,671,099

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year. Note that these counts are for individuals, not permits.

Table 1-13. Gross Real Earnings for the Southeast Alaska Salmon Purse Seine Fishery by ADF&G Salmon Management Area, 1975 to 2016

Year	Juneau Area				Ketchikan Area				Petersburg Area				Sitka Area				Total	
	Permits		Real Value		Permits		Real Value		Permits		Real Value		Permits		Real Value		Permits	Real Value
1975	128	44.80%	\$1,067,903	4.00%	241	84.30%	\$18,041,230	66.90%	129	45.10%	\$4,185,180	15.50%	51	17.80%	\$3,685,970	13.70%	286	\$26,980,283
1976	136	48.70%	\$1,466,009	3.10%	259	92.80%	\$38,767,630	83.10%	187	67.00%	\$5,499,448	11.80%	31	11.10%	\$936,478	2.00%	279	\$46,669,565
1977	0	0.00%	\$0	0.00%	295	90.80%	\$62,656,869	64.50%	187	57.50%	\$18,537,638	19.10%	104	32.00%	\$15,951,931	16.40%	325	\$97,146,438
1978	92	24.50%	\$2,318,600	2.30%	354	94.10%	\$82,595,694	81.10%	191	50.80%	\$9,203,385	9.00%	98	26.10%	\$7,718,346	7.60%	376	\$101,836,024
1979	97	30.40%	\$1,484,885	2.30%	259	81.20%	\$33,324,486	51.30%	228	71.50%	\$15,806,485	24.40%	149	46.70%	\$14,287,755	22.00%	319	\$64,903,610
1980	156	46.60%	\$7,500,156	8.70%	317	94.60%	\$72,909,024	84.90%	113	33.70%	\$3,881,447	4.50%	63	18.80%	\$1,599,216	1.90%	335	\$85,889,842
1981	224	61.50%	\$10,891,394	11.20%	326	89.60%	\$64,992,283	66.90%	135	37.10%	\$6,303,966	6.50%	161	44.20%	\$14,940,850	15.40%	364	\$97,128,494
1982	196	53.00%	\$12,297,688	17.60%	335	90.50%	\$46,245,312	66.10%	165	44.60%	\$7,007,585	10.00%	144	38.90%	\$4,456,273	6.40%	370	\$70,006,857
1983	135	40.10%	\$5,062,554	6.30%	313	92.90%	\$63,777,929	79.50%	110	32.60%	\$4,907,484	6.10%	121	35.90%	\$6,476,768	8.10%	337	\$80,224,735
1984	169	44.10%	\$7,207,410	8.90%	339	88.50%	\$56,025,482	69.30%	150	39.20%	\$7,356,811	9.10%	198	51.70%	\$10,259,775	12.70%	383	\$80,849,479
1985	210	57.10%	\$14,290,218	12.30%	309	84.00%	\$68,484,802	59.00%	184	50.00%	\$15,782,281	13.60%	260	70.70%	\$17,473,445	15.10%	368	\$116,030,746
1986	41	11.10%	\$1,259,292	1.10%	351	95.40%	\$106,906,424	90.60%	74	20.10%	\$4,564,760	3.90%	235	63.90%	\$5,288,618	4.50%	368	\$118,019,094
1987	228	59.80%	\$10,276,721	21.40%	316	82.90%	\$23,697,718	49.30%	178	46.70%	\$4,970,845	10.30%	279	73.20%	\$9,097,376	18.90%	381	\$48,042,660
1988	168	42.60%	\$6,951,834	6.40%	381	96.70%	\$87,520,739	80.90%	128	32.50%	\$6,458,053	6.00%	225	57.10%	\$7,233,558	6.70%	394	\$108,164,185
1989	195	53.40%	\$17,714,297	10.00%	337	92.30%	\$132,302,961	74.90%	162	44.40%	\$20,065,263	11.40%	129	35.30%	\$6,518,231	3.70%	365	\$176,600,752
1990	143	39.70%	\$4,741,467	5.80%	338	93.90%	\$67,532,098	82.00%	120	33.30%	\$6,514,509	7.90%	161	44.70%	\$3,518,541	4.30%	360	\$82,306,615
1991	168	43.90%	\$7,603,215	12.00%	330	86.20%	\$44,195,875	69.50%	178	46.50%	\$7,144,977	11.20%	213	55.60%	\$4,619,205	7.30%	383	\$63,563,272
1992	142	40.10%	\$8,639,833	9.90%	296	83.60%	\$54,133,000	62.00%	190	53.70%	\$14,766,853	16.90%	209	59.00%	\$9,798,369	11.20%	354	\$87,338,055
1993	167	43.70%	\$10,514,260	12.00%	321	84.00%	\$49,958,383	56.90%	219	57.30%	\$11,055,216	12.60%	292	76.40%	\$16,326,857	18.60%	382	\$87,854,717
1994	204	52.30%	\$14,649,504	14.80%	282	72.30%	\$44,882,737	45.30%	244	62.60%	\$20,737,386	20.90%	280	71.80%	\$18,785,192	19.00%	390	\$99,054,819
1995	80	21.40%	\$1,736,627	2.00%	336	90.10%	\$58,251,057	66.30%	135	36.20%	\$6,120,374	7.00%	302	81.00%	\$21,779,249	24.80%	373	\$87,887,307
1996	102	28.60%	\$2,882,388	4.40%	320	89.60%	\$45,151,713	68.90%	125	35.00%	\$4,089,739	6.20%	274	76.80%	\$13,367,102	20.40%	357	\$65,490,942
1997	154	43.90%	\$7,073,106	11.60%	263	74.90%	\$31,723,270	52.00%	193	55.00%	\$7,468,150	12.20%	248	70.70%	\$14,767,531	24.20%	351	\$61,032,056
1998	118	31.30%	\$3,689,529	5.50%	298	79.00%	\$37,435,078	55.90%	211	56.00%	\$8,684,434	13.00%	271	71.90%	\$17,201,129	25.70%	377	\$67,010,170
1999	206	57.40%	\$16,791,779	20.70%	260	72.40%	\$30,776,920	37.90%	229	63.80%	\$14,724,764	18.10%	283	78.80%	\$18,960,415	23.30%	359	\$81,253,878
2000	159	44.70%	\$4,448,198	8.40%	273	76.70%	\$19,736,311	37.20%	164	46.10%	\$4,240,343	8.00%	303	85.10%	\$24,623,056	46.40%	356	\$53,047,908
2001	129	37.40%	\$5,337,336	8.10%	295	85.50%	\$37,576,620	56.90%	219	63.50%	\$13,629,670	20.60%	247	71.60%	\$9,512,914	14.40%	345	\$66,056,540
2002	112	41.00%	\$3,035,730	11.20%	212	77.70%	\$11,777,910	43.60%	173	63.40%	\$6,274,871	23.20%	194	71.10%	\$5,919,507	21.90%	273	\$27,008,018
2003	97	41.30%	\$5,018,466	14.40%	161	68.50%	\$15,337,817	44.00%	154	65.50%	\$9,459,347	27.20%	172	73.20%	\$5,018,959	14.40%	235	\$34,834,589
2004	112	53.60%	\$8,584,603	21.30%	144	68.90%	\$15,745,807	39.10%	107	51.20%	\$6,663,306	16.60%	146	69.90%	\$9,247,736	23.00%	209	\$40,241,452
2005	129	55.60%	\$11,545,531	26.00%	159	68.50%	\$19,920,056	44.90%	112	48.30%	\$5,154,831	11.60%	149	64.20%	\$7,711,012	17.40%	232	\$44,331,430
2006	109	47.40%	\$4,579,343	14.00%	134	58.30%	\$11,504,390	35.10%	100	43.50%	\$2,896,176	8.80%	173	75.20%	\$13,802,033	42.10%	230	\$32,781,942
2007	99	41.80%	\$6,127,810	10.70%	181	76.40%	\$37,350,885	65.00%	123	51.90%	\$6,605,946	11.50%	146	61.60%	\$7,382,730	12.80%	237	\$57,467,371
2008	22	10.40%	\$482,342	1.10%	182	85.80%	\$24,680,538	54.00%	70	33.00%	\$3,253,397	7.10%	159	75.00%	\$17,272,526	37.80%	212	\$45,688,803
2009	122	47.70%	\$8,039,313	14.80%	209	81.60%	\$29,134,894	53.80%	110	43.00%	\$5,180,186	9.60%	167	65.20%	\$11,811,132	21.80%	256	\$54,165,526
2010	49	20.90%	\$1,540,263	2.50%	186	79.10%	\$31,084,583	50.20%	124	52.80%	\$11,636,591	18.80%	168	71.50%	\$17,637,973	28.50%	235	\$61,899,410
2011	194	72.10%	\$49,731,632	38.10%	170	63.20%	\$31,088,951	23.80%	160	59.50%	\$23,527,812	18.00%	176	65.40%	\$26,017,617	20.00%	269	\$130,366,012
2012	101	43.30%	\$3,870,020	5.10%	218	93.60%	\$52,314,822	68.50%	127	54.50%	\$6,419,827	8.40%	146	62.70%	\$13,792,297	18.10%	233	\$76,396,966
2013	175	63.40%	\$22,512,092	14.20%	202	73.20%	\$72,619,397	45.80%	144	52.20%	\$31,188,752	19.60%	202	73.20%	\$32,406,208	20.40%	276	\$158,726,448
2014	106	40.80%	\$1,766,645	3.00%	228	87.70%	\$43,161,116	73.00%	121	46.50%	\$5,525,680	9.30%	155	59.60%	\$8,711,232	14.70%	260	\$59,164,673
2015	156	55.50%	\$9,882,521	17.70%	208	74.00%	\$28,052,397	50.20%	115	40.90%	\$5,926,663	10.60%	167	59.40%	\$12,063,200	21.60%	281	\$55,924,780
2016	48	18.90%	\$1,458,321	3.50%	229	90.20%	\$31,906,894	76.60%	86	33.90%	\$3,115,558	7.50%	118	46.50%	\$5,190,327	12.50%	254	\$41,671,099

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Some Permits are used to record landings in more than one district.
- When fewer than four permits make landings, earnings in another column are masked due to reasons of confidentiality.

Chapter 2 Southeast Alaska Salmon Drift Gillnet Fishery

S03A Permit Holdings

Limited entry permits for the Southeast Alaska salmon Drift Gillnet fishery (S03A permits) were issued starting in 1975. Table 2-1 indicates the initial distribution and historical net changes in permit holdings for the fishery. CFEC has issued 475 S03A permits. Of this total, Alaska Locals received 66.3% (315/475) of the permits, Nonlocal Alaskans received 1.1% (5/475) of the permits, and the remaining 32.6% (155/475) of the permits went to Nonresidents. All of the S03A permits were issued as transferable permits.

Table 2-1. Initial Issuance and Year-end 2016 Totals of Southeast Alaska Salmon Drift Gillnet Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

INITIAL ISSUE			TRANSFERS		MIGRATIONS		CANCELLED		2016 YEAR-END	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percentage
Local	315	66.3%	58	18.4%	-7	-2.2%	-2	-0.6%	364	77.0%
Nonlocal	5	1.1%	14	280.0%	-2	-40.0%	0	0.0%	17	3.6%
Nonresident	155	32.6%	-72	-46.5%	9	5.8%	0	0.0%	92	19.5%
Total	475	100.0%	0	0.0%	0	0.0%	-2	-0.4%	473	100.0%

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled, such as when a permit holder does not pay the renewal fee for two consecutive years. This table indicates the extent to which these factors have contributed to net changes in permit holdings in this fishery. Transfers have had the largest impact on the changes.

Transfers of S03A Permits

Under the Limited Entry Act's terms of free transferability, permits may be sold, traded, given away, or inherited. CFEC requires the completion of a survey with each transfer.⁴ The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

Table 2-2. Transfer Acquisition Methods for Southeast Alaska Salmon Drift Gillnet Permits, 1980-2016

Acquisition Method	S03A Permit		Combined Southeast Salmon		Statewide Salmon Drift Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Gift</i>	413	25.6%	1,783	20.5%	3,559	32.0%	13,386	36.3%
<i>Sale</i>	1,145	70.9%	6,631	76.2%	7,011	63.1%	21,761	59.0%
<i>Trade</i>	20	1.2%	144	1.7%	119	1.1%	511	1.4%
<i>Other</i>	36	2.2%	144	1.7%	428	3.8%	1,215	3.3%
Total	1,614		8,702		11,117		36,873	

Table 2-2 compares and contrasts the transfer acquisition methods for the S03A permits, all three Southeast Alaska salmon permit types combined, all statewide salmon drift gillnet permits combined, and all limited entry permits between 1980 and 2016. More than two thirds of all S03A transfers were sales (70.9% or 1,145/1,614), about one fourth were gifts (25.6% or 413/1,614), and a smaller percentage were trades (1.2% or 20/1,614) or other (2.2% 36/1,614). The annual acquisition methods for S03A permits have not changed substantially throughout the time period.⁵

Table 2-3. Relationships of Transferor to Transfer Recipients for Southeast Alaska Salmon Drift Gillnet Permits, 1980-2016

Relationship	S03A Permit		Combined Southeast Salmon		Statewide Salmon Drift Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Business Partner/Friend</i>	274	17.0%	1,756	20.2%	1,836	16.5%	6,801	18.4%
<i>Member of Immediate Family</i>	414	25.7%	1,803	20.7%	3,473	31.2%	12,468	33.8%
<i>Other Relative</i>	40	2.5%	232	2.7%	470	4.2%	1,707	4.6%
<i>Other</i>	886	54.9%	4,911	56.4%	5,338	48.0%	15,897	43.1%
Total	1,614		8,702		11,117		36,873	

Table 2-3 shows the relationships between the transferors and transfer recipients for S03A permits, and compares and contrasts S03A permit transfers with all five Southeast Alaska salmon permit types combined, all statewide salmon drift gillnet permits combined, and all limited entry permits from 1980 to 2016. Transfers within the family, both between immediate family members and other relatives, total 28.1% (454/1,614) of all permit transfers for S03A permits compared to 23.4% (2,035/8,702) for all five Southeast Alaska salmon permit types combined, 35.5% (3,943/11,117) for all salmon drift gillnet statewide, and 38.4% (14,175/36,873) for all limited entry permits statewide.

⁴ CFEC implemented the transfer survey in 1980.

⁵ See *Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975-2016*, CFEC Report No. 17-1N.

Emergency Transfers of S03A Permits

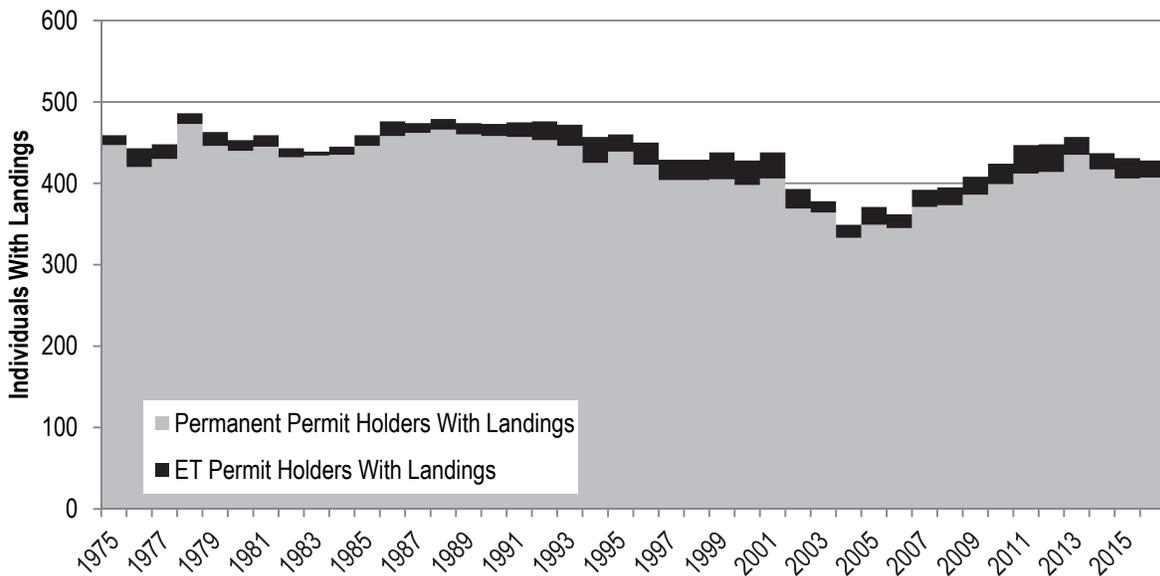
Commercial landings can be made with either permanently-held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, and unforeseen nature prevents the permanent permit holder from participating in the fishery. “Hardship” does not include the results of a permit holder’s own economic decisions, or the results of economic, biological or regulatory variables which are normally part of the risk of doing business as a fisherman. At the end of the year, ET permits automatically revert back to the permanent permit holder.

Table 2-4 and Figure 2-1 show the total number of individuals who recorded landings each year, and of that group, the number of individuals who made landings with ET permits. Some individuals who made landings with ET permits also made landings with permanent permits in the same year.

Table 2-4. Use of Emergency Transfer Permits in the Southeast Alaska Drift Gillnet Fishery, 1975-2016

Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET	Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET	Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET
1975	459	12	2.6%	1989	474	14	3.0%	2003	378	14	3.7%
1976	443	23	5.2%	1990	473	15	3.2%	2004	349	16	4.6%
1977	448	18	4.0%	1991	475	18	3.8%	2005	371	22	5.9%
1978	486	13	2.7%	1992	476	23	4.8%	2006	362	17	4.7%
1979	463	17	3.7%	1993	472	26	5.5%	2007	392	21	5.4%
1980	453	13	2.9%	1994	457	32	7.0%	2008	395	22	5.6%
1981	459	14	3.1%	1995	460	21	4.6%	2009	408	22	5.4%
1982	443	11	2.5%	1996	450	27	6.0%	2010	424	25	5.9%
1983	439	5	1.1%	1997	429	25	5.8%	2011	447	35	7.8%
1984	445	10	2.2%	1998	429	25	5.8%	2012	448	34	7.6%
1985	459	13	2.8%	1999	438	33	7.5%	2013	457	22	4.8%
1986	476	18	3.8%	2000	428	30	7.0%	2014	437	20	4.6%
1987	474	12	2.5%	2001	438	32	7.3%	2015	431	25	5.8%
1988	479	13	2.7%	2002	393	24	6.1%	2016	428	21	4.9%

Figure 2-1. Use of Emergency Transfer Permits in the Southeast Alaska Salmon Drift Gillnet Fishery, 1975-2016



Latent S03A Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they actually fish. Permits that are not used (don't record landings) in a given year are referred to herein as "latent" permits for that year.

Table 2-5 indicates the total number of viable S03A permits issued each year, the number of permits fished (with commercial landings), and the rate of permit latency. Viable permits include both interim entry and permanent permits. Note that for this table, in years when a single individual held an interim-entry permit and was also issued a permanent permit, only the permanent permit is counted. The rate of latency is depicted in Figure 2-2.

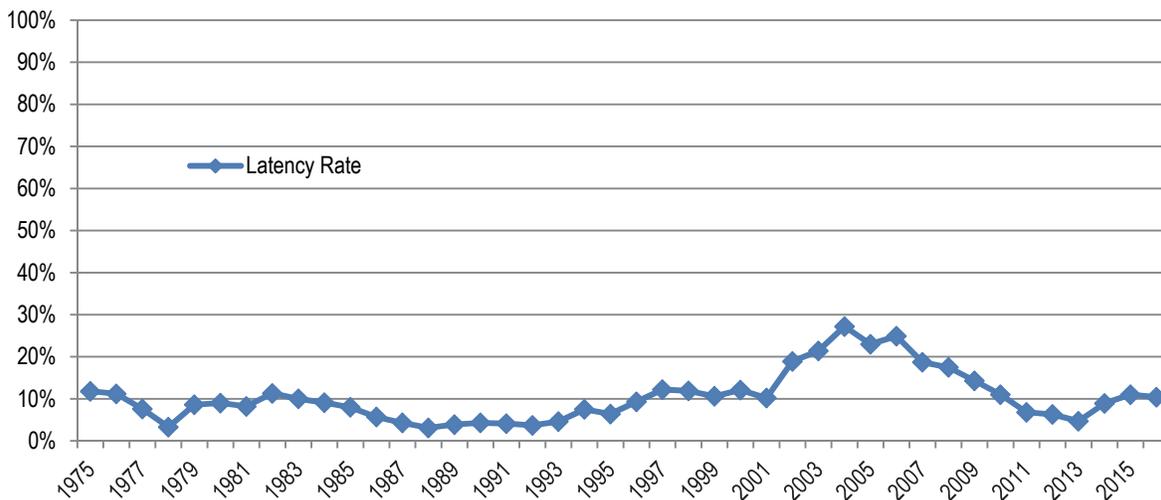
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

Table 2-5. Southeast Alaska Salmon Drift Gillnet Permit Latency, 1975-2016

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	499	440	11.8%	1989	485	466	3.9%	2003	477	375	21.4%
1976	484	430	11.2%	1990	486	465	4.3%	2004	478	348	27.2%
1977	474	438	7.6%	1991	485	465	4.1%	2005	478	368	23.0%
1978	490	474	3.3%	1992	485	467	3.7%	2006	477	358	24.9%
1979	491	449	8.6%	1993	482	460	4.6%	2007	476	387	18.7%
1980	489	445	9.0%	1994	482	446	7.5%	2008	475	392	17.5%
1981	487	447	8.2%	1995	483	452	6.4%	2009	474	406	14.3%
1982	486	431	11.3%	1996	484	439	9.3%	2010	474	422	11.0%
1983	480	432	10.0%	1997	482	423	12.2%	2011	474	442	6.8%
1984	481	437	9.1%	1998	479	422	11.9%	2012	474	444	6.3%
1985	485	446	8.0%	1999	481	430	10.6%	2013	473	451	4.7%
1986	488	460	5.7%	2000	480	422	12.1%	2014	473	431	8.9%
1987	486	465	4.3%	2001	482	433	10.2%	2015	473	421	11.0%
1988	485	470	3.1%	2002	482	391	18.9%	2016	473	424	10.4%

- When an individual with an interim-entry permit is issued a permanent permit in the same year, only the permanent permit is counted in the above table.

Figure 2-2. Southeast Alaska Salmon Drift Gillnet Permit Latency, 1975-2016



New Entrants into the Southeast Alaska Salmon Drift Gillnet Fishery

New entrants are defined herein as individuals who, for the first time, record a landing on a permanent S03A permit. It is important to note that initial permit holders are not considered new entrants because they needed a proven fishing history prior to 1975 in order to become an initial permit holder of a limited entry permit. Individuals who only make landings on an emergency transfer or interim-entry permit for any given year are not considered in this table.

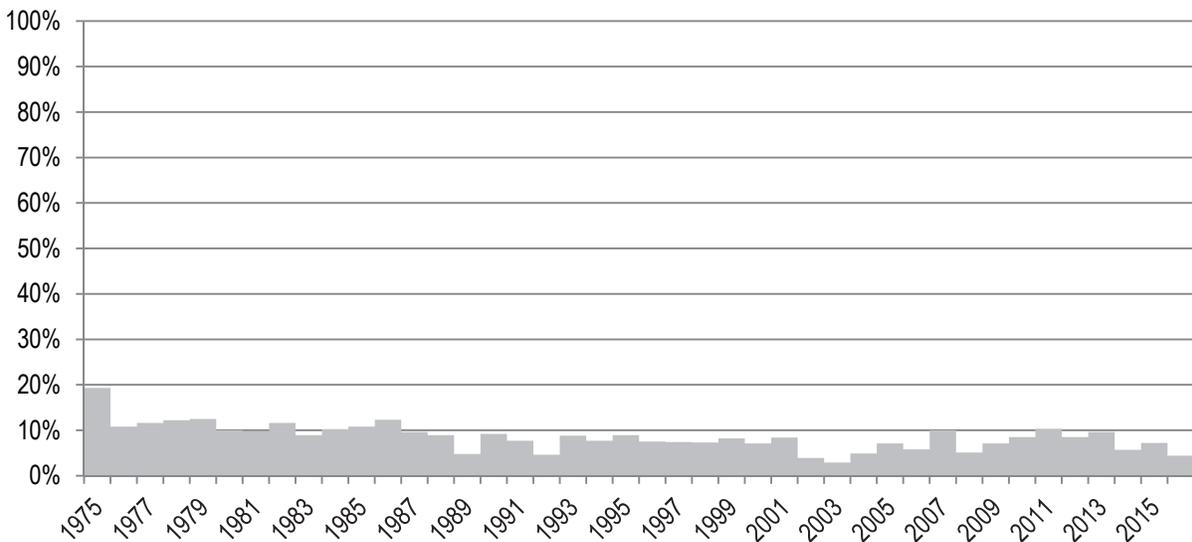
Table 2-6 and Figure 2-3 describe individuals rather than permits. An individual may hold up to two permits in this fishery, but can only fish one of them. An individual may hold one S03A permit one year, and then in subsequent years hold a different S03A permit. Likewise, individuals may enter and exit the fishery multiple times over the years. Individuals are only counted once as a new entrant and only in the year in which they made their first documented landing.

Table 2-6. New Entrants into the Southeast Alaska Salmon Drift Gillnet Fishery, 1975-2016

Individuals															
Year	w/Landings	New	Percent												
1975	399	77	19.3%	1986	457	56	12.3%	1997	420	31	7.4%	2008	393	20	5.1%
1976	417	45	10.8%	1987	456	44	9.6%	1998	422	31	7.3%	2009	407	29	7.1%
1977	439	51	11.6%	1988	460	41	8.9%	1999	429	35	8.2%	2010	423	36	8.5%
1978	459	56	12.2%	1989	456	22	4.8%	2000	421	30	7.1%	2011	446	46	10.3%
1979	440	55	12.5%	1990	456	42	9.2%	2001	428	36	8.4%	2012	447	38	8.5%
1980	431	43	10.0%	1991	457	35	7.7%	2002	386	15	3.9%	2013	457	44	9.6%
1981	438	43	9.8%	1992	458	21	4.6%	2003	374	11	2.9%	2014	437	25	5.7%
1982	423	49	11.6%	1993	456	40	8.8%	2004	345	17	4.9%	2015	431	31	7.2%
1983	427	38	8.9%	1994	442	34	7.7%	2005	367	26	7.1%	2016	428	19	4.4%
1984	432	44	10.2%	1995	447	40	8.9%	2006	360	21	5.8%				
1985	446	48	10.8%	1996	439	33	7.5%	2007	390	39	10.0%				

• New Entrants excludes individuals with interim-entry and emergency transfer permits.

Figure 2-3. New Entrants into the Southeast Alaska Salmon Drift Gillnet Fishery, 1975-2016



Age of S03A Permit Holders

Table 2-7. Mean Age of Select CFEC Permit Holders and the General Alaskan Population

Year	S03A	Combined Southeast Salmon	Statewide Salmon Drift Gillnet	Statewide All Permits	Mean AK Worker Age
1980	42.4	44.5	42.1	40.8	33.4
1981	42.1	44.4	41.9	40.8	33.5
1982	41.7	44.2	41.4	40.9	33.6
1983	42.1	43.7	41.4	41.0	33.7
1984	42.3	44.2	41.7	41.3	33.8
1985	42.3	44.6	41.9	41.6	34.0
1986	41.6	44.7	42.0	41.8	34.2
1987	42.0	45.2	42.3	42.1	34.5
1988	42.6	45.4	42.6	42.2	34.9
1989	43.0	46.0	42.8	42.7	35.3
1990	43.2	46.4	43.2	43.0	35.5
1991	43.9	46.8	43.7	43.4	35.9
1992	44.9	47.3	44.2	43.8	36.2
1993	45.1	47.9	44.7	44.2	36.5
1994	45.7	48.3	45.1	44.6	36.7
1995	46.1	48.5	45.3	44.9	37.0
1996	46.0	49.1	45.5	45.3	37.2
1997	46.5	49.6	46.0	45.7	37.4
1998	46.8	50.1	46.2	46.0	37.6
1999	46.9	50.5	46.7	46.4	37.8
2000	47.1	50.8	47.1	46.8	37.9
2001	47.4	51.2	47.6	47.1	38.1
2002	47.9	51.8	48.2	47.7	38.3
2003	48.6	52.3	48.6	48.2	38.4
2004	49.3	52.5	48.7	48.4	38.6
2005	49.8	52.6	48.5	48.6	38.7
2006	49.8	52.7	48.6	48.8	38.8
2007	50.2	53.0	48.3	49.0	38.9
2008	50.4	53.2	48.4	49.2	39.0
2009	50.3	53.6	48.5	49.6	39.1
2010	50.2	53.9	48.1	49.7	39.2
2011	49.9	53.9	48.0	49.9	39.4
2012	49.6	53.9	47.8	50.1	39.4
2013	49.0	53.9	47.7	50.2	39.5
2014	49.3	54.0	47.8	50.4	39.5
2015	49.8	54.4	48.2	50.8	39.5
2016	50.4	54.8	48.4	51.2	39.7

- Mean AK Worker Age is the annual average age of all Alaskans age 16-64 as reported by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.
- Displayed figures are rounded to the nearest 10th. Age data from the CFEC permit file is as of December 31st of each year.

Table 2-7 shows the annual mean age of five different cohorts of people: 1) Southeast Alaska salmon drift dillnet (S03A) permit holders; 2) all five (S01A, S03A, S04D, S05B, and S15B) Southeast Alaska salmon permit holders; 3) all salmon drift gillnet permit holders statewide; 4) all CFEC limited entry permit holders; and 5) the Alaskan worker population.

Note that these figures include ages of permit holders for both transferable and non-transferable permits; however, there were no non-transferable S03A permits issued. Some individuals hold permits in more than one fishery; in these cases, the age of the permit holder is counted once for each permit that he or she holds.

The mean age of the general Alaskan worker age population has increased 6.3 years between 1980 and 2016, which represents an 18.8% increase. The percent change in ages over the same period for all CFEC permit holders increased by 25.6% (10.4 years), 14.9% (6.3 years) for the statewide drift gillnet permit holders, and 23.3% (10.4 years) for the combined Southeast Alaska salmon permit holders.

For S03A permit holders, the mean age increased 18.8% (8.0 years).

S03A Permit Value

Many permit transfers are non-monetary transactions (see Table 2-2). Table 2-8 considers solely the arms-length market transactions where permits are sold. CFEC estimated values are expressed in both nominal and real (adjusted for inflation) terms.

Table 2-8. CFEC Estimated Value of Southeast Alaska Salmon Drift Gillnet Permits

Year	S03A Permit Sales	Nominal		Real	
		Permit Value	Standard Deviation	Permit Value	Standard Deviation
1982	42	\$38,650	-	\$96,127	-
1983	38	\$34,653	-	\$83,504	-
1984	43	\$34,615	-	\$79,960	-
1985	43	\$36,245	-	\$80,846	-
1986	45	\$44,849	-	\$98,212	-
1987	34	\$55,632	-	\$117,536	-
1988	31	\$77,621	-	\$157,477	-
1989	15	\$128,667	-	\$249,040	-
1990	28	\$106,500	-	\$195,568	-
1991	33	\$82,800	\$9,200	\$145,907	\$16,212
1992	28	\$75,500	\$10,400	\$129,156	\$17,791
1993	27	\$82,200	\$4,700	\$136,530	\$7,806
1994	31	\$62,900	\$5,300	\$101,865	\$8,583
1995	33	\$70,800	\$6,200	\$111,499	\$9,764
1996	30	\$59,400	\$5,250	\$90,863	\$8,031
1997	32	\$50,600	\$4,850	\$75,666	\$7,253
1998	25	\$35,400	\$2,550	\$52,124	\$3,755
1999	29	\$33,900	\$2,200	\$48,837	\$3,169
2000	38	\$33,000	\$4,300	\$45,994	\$5,993
2001	28	\$41,300	\$4,800	\$55,970	\$6,505
2002	13	\$27,900	\$6,400	\$37,222	\$8,538
2003	18	\$21,100	\$2,450	\$27,523	\$3,196
2004	23	\$21,800	\$3,400	\$27,698	\$4,320
2005	35	\$29,500	\$3,700	\$36,253	\$4,547
2006	40	\$38,900	\$3,850	\$46,311	\$4,583
2007	29	\$55,900	\$8,100	\$64,707	\$9,376
2008	21	\$54,400	\$3,400	\$60,642	\$3,790
2009	22	\$53,900	\$2,700	\$60,299	\$3,021
2010	40	\$57,400	\$6,500	\$63,178	\$7,154
2011	34	\$80,100	\$10,700	\$85,466	\$11,417
2012	32	\$94,600	\$9,500	\$98,890	\$9,931
2013	27	\$113,200	\$8,550	\$116,626	\$8,809
2014	21	\$94,900	\$6,500	\$96,211	\$6,590
2015	15	\$88,900	\$5,750	\$90,021	\$5,823
2016	11	\$84,400	\$4,000	\$84,400	\$4,000

- Permit values represent averages of all arms-length sale transactions over the year. Beginning in 1991, additional data from recent months in the preceding year may be included until at least four observations can be averaged.
- The Standard Deviation was not calculated prior to 1991.
- Real permit values were calculated using the 2016 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Southeast Alaska Salmon Drift Gillnet Vessel Characteristics

Table 2-9 reports on various vessel characteristics of the Southeast Alaska salmon drift gillnet fleet since 1978. Reported are the age, length, net tonnage, horsepower, and hold capacity. This data is from the vessel license file which includes voluntarily supplied information on vessels. The first column of each category is the count of vessels with the described characteristics; other statistics reported include the 25th percentile, median, and 75th percentile.

Table 2-9. Southeast Alaska Salmon Drift Gillnet Vessel Characteristics

Year	Vessel Count	Age				Length				Gross Tons				Net Tons				Horsepower				Hold Capacity			
		Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%
1978	488	464	4	8	16	469	30	33	36	311	9	12	15	402	5	8	11	461	120	160	225	283	100	200	297
1979	464	430	5	8	16	428	30	33	36	279	9	12	15	363	5	8	12	418	125	170	250	255	100	200	280
1980	453	429	4	8	15	430	30	33	36	289	9	12	15	376	5	8	12	417	130	170	250	247	120	210	300
1981	463	440	4	9	15	441	30	33	36	305	10	12	16	395	5	9	12	425	130	185	250	269	120	210	300
1982	456	432	5	9	16	433	30	33	36	321	10	12	15	392	5	9	12	422	130	185	250	279	140	210	300
1983	489	437	6	10	16	436	30	33	36	335	10	12	15	392	6	9	12	430	130	186	250	293	120	200	300
1984	459	437	6	11	17	436	30	33	36	342	10	12	15	401	5	9	12	429	130	190	250	297	125	210	300
1985	457	446	7	12	18	446	30	33	36	355	10	13	15	413	5	9	12	441	130	200	250	323	120	210	310
1986	525	482	8	12	19	481	31	33	36	393	10	13	16	442	6	10	12	477	130	200	250	354	150	240	350
1987	521	481	9	13	19	480	31	33	36	392	10	13	16	444	6	9	12	472	130	200	250	352	146	220	331
1988	546	496	9	14	19	495	31	34	36	415	10	13	16	464	6	10	12	490	140	200	250	368	150	240	355
1989	554	496	10	14	19	495	31	34	36	421	11	14	17	457	7	10	13	491	140	210	260	373	150	250	380
1990	537	493	10	15	20	492	31	34	37	426	11	14	17	457	7	11	13	487	150	215	265	363	150	250	380
1991	544	491	11	15	20	490	31	34	37	422	11	14	17	451	7	11	13	487	150	220	270	354	150	250	400
1992	522	486	12	15	21	485	31	34	37	411	11	14	17	443	7	11	13	481	150	219	270	357	150	250	400
1993	549	495	12	16	22	493	31	34	37	421	11	14	17	447	7	11	13	490	150	220	270	359	153	250	400
1994	498	463	12	17	22	463	31	34	37	393	11	14	17	414	7	11	13	454	155	220	275	335	150	250	400
1995	474	473	14	18	23	473	32	34	37	411	11	14	17	433	7	11	13	465	165	220	300	345	150	250	380
1996	460	460	15	19	25	460	32	35	38	402	11	14	17	421	7	11	13	455	160	220	300	323	150	250	400
1997	438	437	16	20	26	438	32	36	38	384	11	14	17	407	7	11	13	433	160	220	300	312	150	251	390
1998	428	428	16	21	26	428	32	36	38	383	11	14	17	401	8	11	13	424	165	225	300	306	157	250	400
1999	436	436	16	21	27	436	32	36	38	389	12	15	17	406	8	11	13	432	175	230	306	310	160	268	400
2000	427	427	15	22	28	427	32	36	38	380	12	15	18	398	8	11	14	423	175	240	310	305	175	280	407
2001	448	448	16	23	28	448	32	36	38	395	12	15	18	413	7	11	14	445	175	250	310	314	160	280	400
2002	399	399	17	24	29	399	32	36	38	360	12	15	18	375	8	11	13	397	180	250	320	285	168	285	400
2003	379	379	17	25	30	379	32	36	38	338	12	15	18	353	8	11	13	376	180	250	320	271	180	300	430
2004	348	348	17	26	31	348	32	36	39	306	12	15	19	321	8	11	14	344	183	250	350	247	200	300	440
2005	373	373	18	26	32	373	32	36	39	333	12	15	19	348	8	11	14	370	190	250	350	269	200	300	450
2006	365	365	20	27	32	365	33	36	40	326	12	15	19	341	8	12	14	360	185	250	350	266	200	300	490
2007	390	390	20	28	33	390	33	36	40	351	12	15	19	367	8	12	15	385	200	250	350	284	200	300	500
2008	391	391	21	29	34	391	32	36	40	353	12	15	19	367	8	11	15	385	200	250	358	281	200	300	500
2009	408	408	22	30	35	408	32	36	40	371	12	15	19	380	9	12	14	401	200	250	350	290	200	300	500
2010	423	423	23	31	36	423	33	36	40	389	12	15	19	400	8	12	15	416	200	250	350	299	200	300	500
2011	447	447	24	32	37	447	32	36	40	410	13	15	19	419	8	12	14	439	200	250	358	318	200	300	500
2012	448	448	25	33	38	448	33	36	40	410	13	15	19	418	9	12	14	436	200	250	350	315	200	300	500
2013	459	459	26	34	39	459	32	36	40	422	13	15	19	431	9	12	15	446	200	260	358	322	220	335	530
2014	455	451	28	35	40	451	33	36	40	415	13	15	19	424	9	12	15	439	200	250	357	314	200	320	556
2015	429	429	27	36	41	429	33	36	40	398	13	15	19	403	9	12	15	416	201	260	358	301	200	320	562
2016	429	429	28	37	42	429	33	36	40	395	13	15	19	402	9	12	15	421	201	260	370	300	200	323	558
Total	2,089					1,595	30	34	38	1,277	10	14	18	1,360	6	10	13	1,554	140	210	300	977	150	275	500

• Total includes every vessel used in this fishery from 1978 to 2016.

Table 2-10 provides additional Southeast Alaska salmon Drift Gillnet vessel characteristics. Included are statistics of engine power type and hull material for each year since 1978.

Table 2-10. Additional Southeast Alaska Salmon Drift Gillnet Vessel Characteristics

Year	Vessel Count	Engine Power					Hull Material					
		Count	Diesel	Gas	Count	Aluminum	Fiberglass	Concrete	Steel	Rubber	Wood	
1978	488	468	387 82.7%	81 17.3%	468	15 3.2%	253 54.1%	5 1.1%	5 1.1%	0 0.0%	190 40.6%	
1979	464	431	347 80.5%	84 19.5%	430	17 4.0%	248 57.7%	5 1.2%	2 0.5%	0 0.0%	158 36.7%	
1980	453	431	357 82.8%	74 17.2%	430	22 5.1%	258 60.0%	4 0.9%	3 0.7%	0 0.0%	143 33.3%	
1981	463	440	368 83.6%	72 16.4%	439	21 4.8%	269 61.3%	5 1.1%	3 0.7%	0 0.0%	141 32.1%	
1982	456	432	361 83.6%	71 16.4%	430	25 5.8%	260 60.5%	4 0.9%	4 0.9%	0 0.0%	137 31.9%	
1983	489	435	364 83.7%	71 16.3%	434	19 4.4%	281 64.7%	2 0.5%	5 1.2%	0 0.0%	127 29.3%	
1984	459	436	374 85.8%	62 14.2%	436	25 5.7%	278 63.8%	2 0.5%	4 0.9%	0 0.0%	127 29.1%	
1985	457	446	388 87.0%	58 13.0%	445	26 5.8%	292 65.6%	2 0.4%	4 0.9%	0 0.0%	121 27.2%	
1986	525	483	420 87.0%	63 13.0%	482	25 5.2%	329 68.3%	2 0.4%	5 1.0%	0 0.0%	121 25.1%	
1987	521	480	422 87.9%	58 12.1%	481	24 5.0%	338 70.3%	2 0.4%	2 0.4%	0 0.0%	115 23.9%	
1988	546	494	441 89.3%	53 10.7%	495	27 5.5%	354 71.5%	3 0.6%	3 0.6%	0 0.0%	108 21.8%	
1989	554	497	441 88.7%	56 11.3%	494	25 5.1%	371 75.1%	3 0.6%	2 0.4%	0 0.0%	93 18.8%	
1990	537	493	450 91.3%	43 8.7%	491	28 5.7%	368 74.9%	3 0.6%	6 1.2%	0 0.0%	86 17.5%	
1991	544	491	449 91.4%	42 8.6%	489	28 5.7%	375 76.7%	3 0.6%	5 1.0%	0 0.0%	78 16.0%	
1992	522	485	445 91.8%	40 8.2%	485	33 6.8%	378 77.9%	3 0.6%	2 0.4%	0 0.0%	69 14.2%	
1993	549	492	451 91.7%	41 8.3%	494	38 7.7%	376 76.1%	3 0.6%	4 0.8%	0 0.0%	73 14.8%	
1994	498	460	428 93.0%	32 7.0%	463	30 6.5%	360 77.8%	3 0.6%	3 0.6%	1 0.2%	66 14.3%	
1995	474	471	442 93.8%	29 6.2%	473	26 5.5%	375 79.3%	2 0.4%	4 0.8%	0 0.0%	66 14.0%	
1996	460	459	430 93.7%	29 6.3%	460	26 5.7%	359 78.0%	2 0.4%	3 0.7%	0 0.0%	70 15.2%	
1997	438	435	419 96.3%	16 3.7%	437	20 4.6%	350 80.1%	1 0.2%	4 0.9%	0 0.0%	62 14.2%	
1998	428	427	412 96.5%	15 3.5%	428	23 5.4%	343 80.1%	1 0.2%	2 0.5%	0 0.0%	59 13.8%	
1999	436	434	420 96.8%	14 3.2%	436	24 5.5%	358 82.1%	1 0.2%	2 0.5%	0 0.0%	51 11.7%	
2000	427	425	413 97.2%	12 2.8%	427	30 7.0%	346 81.0%	1 0.2%	3 0.7%	0 0.0%	47 11.0%	
2001	448	447	431 96.4%	16 3.6%	447	40 8.9%	357 79.9%	1 0.2%	2 0.4%	0 0.0%	47 10.5%	
2002	399	398	389 97.7%	9 2.3%	399	33 8.3%	322 80.7%	1 0.3%	1 0.3%	0 0.0%	42 10.5%	
2003	379	379	371 97.9%	8 2.1%	378	32 8.5%	309 81.7%	0 0.0%	0 0.0%	0 0.0%	37 9.8%	
2004	348	347	339 97.7%	8 2.3%	347	31 8.9%	286 82.4%	0 0.0%	0 0.0%	0 0.0%	30 8.6%	
2005	373	373	364 97.6%	9 2.4%	372	35 9.4%	306 82.3%	0 0.0%	0 0.0%	0 0.0%	31 8.3%	
2006	365	364	356 97.8%	8 2.2%	364	32 8.8%	302 83.0%	0 0.0%	2 0.5%	0 0.0%	28 7.7%	
2007	390	390	382 97.9%	8 2.1%	389	36 9.3%	323 83.0%	1 0.3%	1 0.3%	0 0.0%	28 7.2%	
2008	391	391	381 97.4%	10 2.6%	390	40 10.3%	321 82.3%	1 0.3%	1 0.3%	0 0.0%	27 6.9%	
2009	408	408	395 96.8%	13 3.2%	407	46 11.3%	334 82.1%	1 0.2%	1 0.2%	0 0.0%	25 6.1%	
2010	423	423	417 98.6%	6 1.4%	422	42 10.0%	352 83.4%	1 0.2%	1 0.2%	0 0.0%	26 6.2%	
2011	447	446	434 97.3%	12 2.7%	447	48 10.7%	375 83.9%	1 0.2%	1 0.2%	0 0.0%	22 4.9%	
2012	448	448	437 97.5%	11 2.5%	447	45 10.1%	380 85.0%	1 0.2%	1 0.2%	0 0.0%	20 4.5%	
2013	459	458	449 98.0%	9 2.0%	458	51 11.1%	388 84.7%	1 0.2%	1 0.2%	0 0.0%	17 3.7%	
2014	455	450	442 98.2%	8 1.8%	450	47 10.4%	373 82.9%	2 0.4%	2 0.4%	0 0.0%	26 5.8%	
2015	429	428	423 98.8%	5 1.2%	428	46 10.7%	365 85.3%	1 0.2%	1 0.2%	0 0.0%	15 3.5%	
2016	429	428	424 99.1%	4 0.9%	428	47 11.0%	366 85.5%	1 0.2%	1 0.2%	0 0.0%	13 3.0%	
Total	2,089	1,582	1,271 80.3%	311 19.7%	1,590	224 14.1%	968 60.9%	6 0.4%	35 2.2%	1 0.1%	356 22.4%	

• Total includes every vessel used in this fishery from 1978 to 2016.

Participation and Earnings

Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 2-4 are for both nominal and real dollars using the 2016 Consumer Price Index from the U.S. Bureau of Labor Statistics.

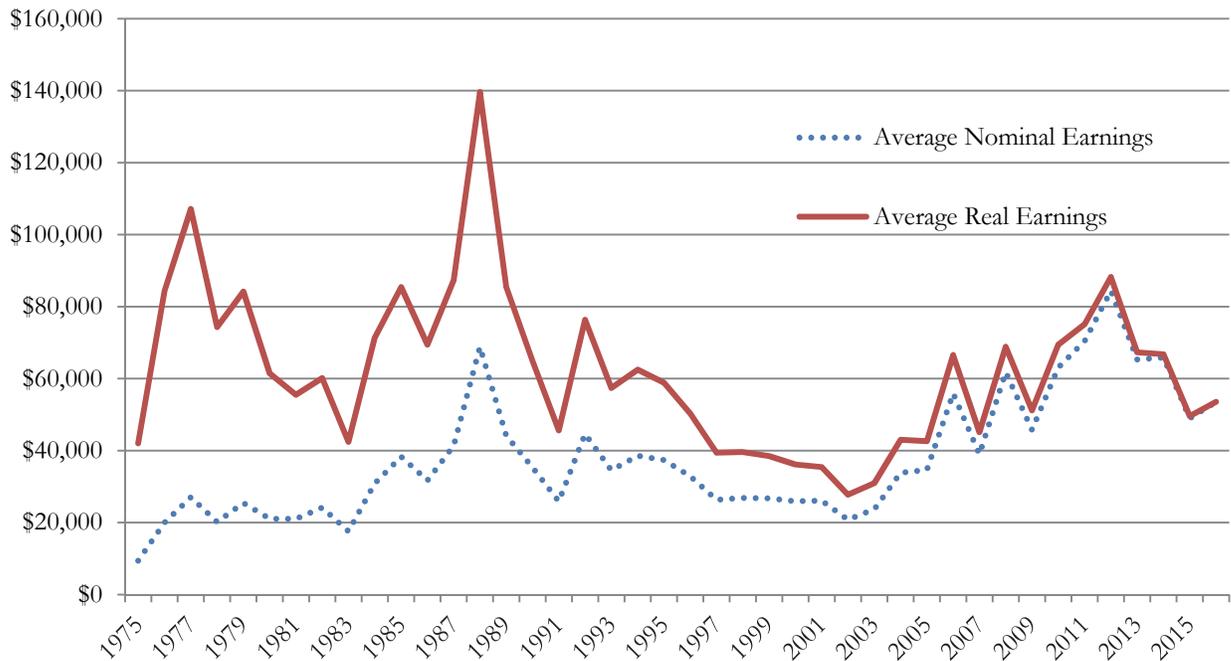
Permit counts include interim-entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held for the Southeast Alaska salmon drift gillnet fishery was in 2012. Some individuals made landings on both an interim-entry permit and subsequently on their newly issued permanent permit in the same year; for these instances, only the permanent permit is counted in this report.

Table 2-11 reports the number of permits, permit issued, and vessels with landings, and estimated gross earnings in the Southeast Alaska salmon drift gillnet fishery from 1975 to 2016. Note that the figures by permit or vessel in this table span the entire year, regardless of who held the permit or however many times the permit was transferred.

Table 2-12 reports the number of permit holders (people) and estimated real (inflation adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Table 2-13 breaks out participation and real earnings by ADF&G salmon management area. Note that some permits are used to record landings in more than one district.

Figure 2-4. Estimated Nominal and Real Average Gross Earnings Per Southeast Alaska Salmon Drift Gillnet Permit



- Real earnings are adjusted for inflation using the 2016 U.S. Bureau of Labor Statistics Consumer Price Index.

Table 2-11. Estimated Total Gross Earnings (Real and Nominal) for the Southeast Alaska Salmon Drift Gillnet Fishery, With Average Gross (Real) Earnings by Permit and Vessel, 1975-2016

Year	Viable Permits	Total Gross Earnings		Permits With Landings	Average Real Earnings	Vessels With Landings	Average Real Vessel Earnings
		Nominal	Real				
1975	499	\$4,144,342	\$18,488,310	440	\$42,019	522	\$35,418
1976	484	\$8,605,228	\$36,297,274	430	\$84,412	465	\$78,059
1977	474	\$11,849,486	\$46,930,028	438	\$107,146	451	\$104,058
1978	490	\$9,570,459	\$35,229,712	474	\$74,324	488	\$72,192
1979	491	\$11,434,552	\$37,801,276	449	\$84,190	464	\$81,468
1980	489	\$9,388,349	\$27,345,505	445	\$61,451	453	\$60,365
1981	487	\$9,393,150	\$24,801,119	447	\$55,483	463	\$53,566
1982	486	\$10,423,447	\$25,924,354	431	\$60,149	456	\$56,852
1983	480	\$7,602,633	\$18,320,132	432	\$42,408	489	\$37,464
1984	481	\$13,498,190	\$31,180,560	437	\$71,351	459	\$67,932
1985	485	\$17,083,901	\$38,106,467	446	\$85,441	457	\$83,384
1986	488	\$14,585,793	\$31,940,624	460	\$69,436	525	\$60,839
1987	486	\$19,227,190	\$40,622,010	465	\$87,359	521	\$77,969
1988	485	\$32,342,986	\$65,617,438	470	\$139,612	546	\$120,178
1989	485	\$20,578,737	\$39,830,976	466	\$85,474	554	\$71,897
1990	486	\$16,439,366	\$30,187,934	465	\$64,920	537	\$56,216
1991	485	\$12,037,061	\$21,211,299	465	\$45,616	544	\$38,991
1992	485	\$20,850,361	\$35,668,088	467	\$76,377	522	\$68,330
1993	482	\$15,904,271	\$26,416,168	460	\$57,426	549	\$48,117
1994	482	\$17,207,769	\$27,867,645	446	\$62,484	498	\$55,959
1995	483	\$16,899,040	\$26,613,437	452	\$58,879	474	\$56,146
1996	484	\$14,430,995	\$22,074,823	439	\$50,284	460	\$47,989
1997	482	\$11,143,699	\$16,663,962	423	\$39,395	438	\$38,046
1998	479	\$11,345,286	\$16,705,202	422	\$39,586	428	\$39,031
1999	481	\$11,489,118	\$16,551,432	430	\$38,492	436	\$37,962
2000	480	\$10,940,909	\$15,249,098	422	\$36,135	427	\$35,712
2001	482	\$11,316,836	\$15,336,645	433	\$35,420	448	\$34,234
2002	482	\$8,132,853	\$10,850,148	391	\$27,750	399	\$27,193
2003	477	\$8,903,210	\$11,613,221	375	\$30,969	379	\$30,642
2004	478	\$11,778,867	\$14,965,646	348	\$43,005	348	\$43,005
2005	478	\$12,753,519	\$15,672,985	368	\$42,590	373	\$42,019
2006	477	\$20,007,955	\$23,819,689	358	\$66,535	365	\$65,259
2007	476	\$15,081,267	\$17,457,195	387	\$45,109	390	\$44,762
2008	475	\$24,209,429	\$26,987,234	392	\$68,845	391	\$69,021
2009	474	\$18,578,453	\$20,784,101	406	\$51,192	408	\$50,941
2010	474	\$26,618,998	\$29,298,648	422	\$69,428	423	\$69,264
2011	474	\$31,126,506	\$33,211,579	442	\$75,139	447	\$74,299
2012	474	\$37,475,213	\$39,174,862	444	\$88,232	448	\$87,444
2013	473	\$29,456,345	\$30,347,785	451	\$67,290	459	\$66,117
2014	473	\$28,379,708	\$28,771,832	431	\$66,756	455	\$63,235
2015	473	\$20,621,205	\$20,881,344	421	\$49,599	429	\$48,674
2016	473	\$22,718,228	\$22,718,228	424	\$53,581	429	\$52,956

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year.

Table 2-12. Estimated Real Gross Earnings for Permit Holders in the Southeast Alaska Salmon Drift Gillnet Fishery by Resident Type, 1975-2016

Year	Local			Nonlocal			Nonresident			Total		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	317	\$40,043	\$12,693,647	1-3	Confidential	Confidential	**	Confidential	Confidential	459	\$40,280	\$18,488,310
1976	312	\$86,690	\$27,047,241	1-3	Confidential	Confidential	**	Confidential	Confidential	443	\$81,935	\$36,297,274
1977	318	\$100,981	\$32,112,020	5	\$115,740	\$578,701	125	\$113,914	\$14,239,307	448	\$104,755	\$46,930,028
1978	334	\$68,469	\$22,868,688	11	\$58,605	\$644,655	141	\$83,095	\$11,716,370	486	\$72,489	\$35,229,712
1979	331	\$83,647	\$27,687,142	4	\$81,150	\$324,599	128	\$76,481	\$9,789,535	463	\$81,644	\$37,801,276
1980	326	\$56,197	\$18,320,262	4	\$44,558	\$178,233	123	\$71,927	\$8,847,010	453	\$60,365	\$27,345,505
1981	316	\$53,505	\$16,907,431	6	\$42,158	\$252,948	137	\$55,772	\$7,640,740	459	\$54,033	\$24,801,119
1982	295	\$59,646	\$17,595,672	6	\$54,011	\$324,063	142	\$56,371	\$8,004,619	443	\$58,520	\$25,924,354
1983	302	\$39,921	\$12,056,202	4	\$30,145	\$120,580	133	\$46,191	\$6,143,350	439	\$41,732	\$18,320,132
1984	308	\$69,418	\$21,380,665	5	\$65,276	\$326,380	132	\$71,769	\$9,473,514	445	\$70,069	\$31,180,560
1985	318	\$82,214	\$26,144,147	5	\$91,503	\$457,515	136	\$84,594	\$11,504,805	459	\$83,021	\$38,106,467
1986	331	\$65,372	\$21,637,976	7	\$63,385	\$443,696	138	\$71,442	\$9,858,952	476	\$67,102	\$31,940,624
1987	330	\$86,237	\$28,458,158	7	\$102,832	\$719,825	137	\$83,533	\$11,444,027	474	\$85,700	\$40,622,010
1988	324	\$136,433	\$44,204,385	7	\$137,756	\$964,294	148	\$138,167	\$20,448,759	479	\$136,988	\$65,617,438
1989	317	\$79,828	\$25,305,488	5	\$51,821	\$259,103	152	\$93,858	\$14,266,386	474	\$84,032	\$39,830,976
1990	312	\$63,886	\$19,932,492	6	\$64,365	\$386,189	155	\$63,673	\$9,869,253	473	\$63,822	\$30,187,934
1991	320	\$45,741	\$14,636,969	7	\$38,916	\$272,414	148	\$42,581	\$6,301,916	475	\$44,655	\$21,211,299
1992	324	\$74,061	\$23,995,708	4	\$59,603	\$238,412	148	\$77,257	\$11,433,968	476	\$74,933	\$35,668,088
1993	325	\$54,077	\$17,574,920	8	\$46,119	\$368,955	139	\$60,952	\$8,472,293	472	\$55,966	\$26,416,168
1994	322	\$61,978	\$19,956,763	8	\$65,828	\$526,621	127	\$58,144	\$7,384,261	457	\$60,980	\$27,867,645
1995	322	\$56,415	\$18,165,557	11	\$55,686	\$612,548	127	\$61,696	\$7,835,332	460	\$57,855	\$26,613,437
1996	315	\$47,711	\$15,028,925	9	\$36,037	\$324,331	126	\$53,346	\$6,721,566	450	\$49,055	\$22,074,823
1997	296	\$37,222	\$11,017,802	5	\$44,841	\$224,204	128	\$42,359	\$5,421,955	429	\$38,844	\$16,663,962
1998	285	\$37,289	\$10,627,376	10	\$30,756	\$307,555	134	\$43,062	\$5,770,270	429	\$38,940	\$16,705,202
1999	302	\$38,612	\$11,660,950	10	\$24,447	\$244,471	126	\$36,873	\$4,646,012	438	\$37,789	\$16,551,432
2000	306	\$36,016	\$11,020,969	8	\$22,661	\$181,287	114	\$35,499	\$4,046,841	428	\$35,629	\$15,249,098
2001	318	\$35,066	\$11,150,962	10	\$24,930	\$249,305	110	\$35,785	\$3,936,379	438	\$35,015	\$15,336,645
2002	286	\$28,059	\$8,024,991	11	\$32,260	\$354,856	96	\$25,732	\$2,470,301	393	\$27,609	\$10,850,148
2003	285	\$30,548	\$8,706,321	8	\$31,419	\$251,350	85	\$31,242	\$2,655,550	378	\$30,723	\$11,613,221
2004	269	\$42,866	\$11,531,046	5	\$51,677	\$258,387	75	\$42,350	\$3,176,213	349	\$42,882	\$14,965,646
2005	277	\$42,561	\$11,789,527	7	\$31,714	\$221,998	87	\$42,086	\$3,661,459	371	\$42,245	\$15,672,985
2006	280	\$67,264	\$18,834,036	9	\$63,902	\$575,115	73	\$60,418	\$4,410,539	362	\$65,800	\$23,819,689
2007	308	\$44,441	\$13,687,744	7	\$38,584	\$270,088	77	\$45,446	\$3,499,362	392	\$44,534	\$17,457,195
2008	307	\$69,788	\$21,424,957	10	\$44,819	\$448,190	78	\$65,565	\$5,114,087	395	\$68,322	\$26,987,234
2009	313	\$51,061	\$15,982,100	11	\$48,693	\$535,621	84	\$50,790	\$4,266,381	408	\$50,941	\$20,784,101
2010	333	\$68,209	\$22,713,477	9	\$56,955	\$512,592	82	\$74,056	\$6,072,578	424	\$69,101	\$29,298,648
2011	350	\$75,636	\$26,472,454	11	\$52,798	\$580,779	86	\$71,609	\$6,158,346	447	\$74,299	\$33,211,579
2012	345	\$89,303	\$30,809,562	13	\$69,301	\$900,913	90	\$82,938	\$7,464,387	448	\$87,444	\$39,174,862
2013	344	\$69,435	\$23,885,581	16	\$49,767	\$796,267	97	\$58,412	\$5,665,938	457	\$66,407	\$30,347,785
2014	338	\$68,030	\$22,994,111	13	\$41,174	\$535,267	86	\$60,959	\$5,242,454	437	\$65,839	\$28,771,832
2015	334	\$48,622	\$16,239,613	17	\$27,692	\$470,766	80	\$52,137	\$4,170,965	431	\$48,449	\$20,881,344
2016	335	\$54,550	\$18,274,168	17	\$28,410	\$482,970	76	\$52,120	\$3,961,091	428	\$53,080	\$22,718,228

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year.
- Note that these counts are for individuals, not permits.
- When fewer than four permits make landings, earnings in another column are masked (**) due to reasons of confidentiality.

Table 2-13. Gross Real Earnings for the Southeast Alaska Salmon Drift Gillnet Fishery by ADF&G Salmon Management Area, 1975 to 2016

Year	Juneau Area				Ketchikan Area				Petersburg Area				Sitka Area				Total	
	Permits		Real Value		Permits		Real Value		Permits		Real Value		Permits		Real Value		Permits	Real Value
1975	347	78.9%	\$12,478,870	67.5%	156	35.5%	\$2,631,686	14.2%	176	40.0%	\$3,377,755	18.3%	0	0.0%	\$0	0.0%	440	\$18,488,310
1976	374	87.0%	\$28,003,561	77.2%	161	37.4%	\$5,679,266	15.6%	155	36.0%	\$2,614,446	7.2%	0	0.0%	\$0	0.0%	430	\$36,297,274
1977	400	91.3%	\$23,030,007	49.1%	212	48.4%	\$14,940,737	31.8%	184	42.0%	\$8,959,284	19.1%	0	0.0%	\$0	0.0%	438	\$46,930,028
1978	414	87.3%	\$15,397,696	43.7%	240	50.6%	\$13,576,119	38.5%	166	35.0%	\$6,255,897	17.8%	0	0.0%	\$0	0.0%	474	\$35,229,712
1979	403	89.8%	\$23,582,314	62.4%	197	43.9%	\$6,353,566	16.8%	235	52.3%	\$7,865,396	20.8%	0	0.0%	\$0	0.0%	449	\$37,801,276
1980	411	92.4%	\$14,054,688	51.4%	183	41.1%	\$10,043,730	36.7%	175	39.3%	\$3,247,086	11.9%	0	0.0%	\$0	0.0%	445	\$27,345,505
1981	357	79.9%	\$10,286,030	41.5%	179	40.0%	\$6,531,297	26.3%	221	49.4%	\$7,983,792	32.2%	0	0.0%	\$0	0.0%	447	\$24,801,119
1982	312	72.4%	\$14,292,630	55.1%	170	39.4%	\$6,249,362	24.1%	183	42.5%	\$5,382,362	20.8%	0	0.0%	\$0	0.0%	431	\$25,924,354
1983	330	76.4%	\$10,770,476	58.8%	176	40.7%	\$5,498,450	30.0%	143	33.1%	\$2,051,206	11.2%	0	0.0%	\$0	0.0%	432	\$18,320,132
1984	333	76.2%	\$19,149,250	61.4%	182	41.6%	\$7,497,594	24.0%	155	35.5%	\$4,533,716	14.5%	0	0.0%	\$0	0.0%	437	\$31,180,560
1985	347	77.8%	\$20,199,361	53.0%	160	35.9%	\$9,036,339	23.7%	187	41.9%	\$8,870,768	23.3%	0	0.0%	\$0	0.0%	446	\$38,106,467
1986	341	74.1%	\$14,932,803	46.8%	212	46.1%	\$8,737,692	27.4%	238	51.7%	\$8,270,129	25.9%	0	0.0%	\$0	0.0%	460	\$31,940,624
1987	369	79.4%	\$25,499,103	62.8%	182	39.1%	\$9,064,655	22.3%	201	43.2%	\$6,058,252	14.9%	0	0.0%	\$0	0.0%	465	\$40,622,010
1988	353	75.1%	\$39,021,396	59.5%	198	42.1%	\$19,559,071	29.8%	198	42.1%	\$7,036,971	10.7%	0	0.0%	\$0	0.0%	470	\$65,617,438
1989	301	64.6%	\$17,057,751	42.8%	178	38.2%	\$12,446,975	31.2%	187	40.1%	\$10,326,250	25.9%	0	0.0%	\$0	0.0%	466	\$39,830,976
1990	321	69.0%	\$15,964,731	52.9%	158	34.0%	\$5,634,512	18.7%	221	47.5%	\$8,588,691	28.5%	0	0.0%	\$0	0.0%	465	\$30,187,934
1991	279	60.0%	\$11,011,227	51.9%	136	29.2%	\$4,169,103	19.7%	216	46.5%	\$6,030,969	28.4%	0	0.0%	\$0	0.0%	465	\$21,211,299
1992	304	65.1%	\$16,265,489	45.6%	118	25.3%	\$8,043,399	22.6%	213	45.6%	\$11,359,200	31.8%	0	0.0%	\$0	0.0%	467	\$35,668,088
1993	227	49.3%	\$8,878,453	33.6%	149	32.4%	\$7,939,248	30.1%	246	53.5%	\$7,486,829	28.3%	105	22.8%	\$2,111,638	8.0%	460	\$26,416,168
1994	247	55.4%	\$12,621,171	45.3%	140	31.4%	\$4,685,627	16.8%	242	54.3%	\$10,105,600	36.3%	36	8.1%	\$455,248	1.6%	446	\$27,867,645
1995	242	53.5%	\$8,895,107	33.4%	140	31.0%	\$7,555,596	28.4%	202	44.7%	\$8,336,040	31.3%	81	17.9%	\$1,826,694	6.9%	452	\$26,613,437
1996	198	45.1%	\$7,113,748	32.2%	130	29.6%	\$5,247,281	23.8%	222	50.6%	\$9,418,211	42.7%	49	11.2%	\$295,583	1.3%	439	\$22,074,823
1997	173	40.9%	\$5,149,458	30.9%	139	32.9%	\$4,741,115	28.5%	210	49.6%	\$5,769,768	34.6%	75	17.7%	\$1,003,621	6.0%	423	\$16,663,962
1998	177	41.9%	\$4,548,246	27.2%	124	29.4%	\$5,184,984	31.0%	194	46.0%	\$5,870,731	35.1%	69	16.4%	\$1,101,241	6.6%	422	\$16,705,202
1999	190	44.2%	\$5,626,583	34.0%	118	27.4%	\$3,463,689	20.9%	206	47.9%	\$5,819,111	35.2%	103	24.0%	\$1,642,049	9.9%	430	\$16,551,432
2000	258	61.1%	\$8,013,468	52.6%	95	22.5%	\$2,271,495	14.9%	177	41.9%	\$2,898,363	19.0%	166	39.3%	\$2,065,771	13.5%	422	\$15,249,098
2001	290	67.0%	\$7,162,116	46.7%	78	18.0%	\$2,476,940	16.2%	188	43.4%	\$4,610,656	30.1%	110	25.4%	\$1,086,933	7.1%	433	\$15,336,645
2002	252	64.5%	\$6,348,374	58.5%	91	23.3%	\$1,841,660	17.0%	159	40.7%	\$1,779,293	16.4%	88	22.5%	\$880,821	8.1%	391	\$10,850,148
2003	219	58.4%	\$5,162,301	44.5%	90	24.0%	\$2,295,166	19.8%	170	45.3%	\$3,516,976	30.3%	57	15.2%	\$638,778	5.5%	375	\$11,613,221
2004	210	60.3%	\$7,438,162	49.7%	75	21.6%	\$2,481,030	16.6%	160	46.0%	\$3,598,176	24.0%	51	14.7%	\$1,448,277	9.7%	348	\$14,965,646
2005	186	50.5%	\$4,919,293	31.4%	81	22.0%	\$2,613,583	16.7%	184	50.0%	\$6,478,984	41.3%	92	25.0%	\$1,661,124	10.6%	368	\$15,672,985
2006	211	58.9%	\$11,243,952	47.2%	50	14.0%	\$2,574,827	10.8%	184	51.4%	\$7,510,303	31.5%	77	21.5%	\$2,490,608	10.5%	358	\$23,819,689
2007	230	59.4%	\$8,063,619	46.2%	58	15.0%	\$2,850,465	16.3%	184	47.5%	\$6,068,014	34.8%	18	4.7%	\$475,097	2.7%	387	\$17,457,195
2008	253	64.5%	\$15,120,552	56.0%	57	14.5%	\$4,409,571	16.3%	190	48.5%	\$5,547,537	20.6%	106	27.0%	\$1,909,574	7.1%	392	\$26,987,234
2009	267	65.8%	\$10,869,396	52.3%	69	17.0%	\$3,494,639	16.8%	191	47.0%	\$5,742,440	27.6%	51	12.6%	\$677,626	3.3%	406	\$20,784,101
2010	279	66.1%	\$13,213,242	45.1%	72	17.1%	\$6,817,591	23.3%	194	46.0%	\$6,913,079	23.6%	85	20.1%	\$2,354,735	8.0%	422	\$29,298,648
2011	294	66.5%	\$17,651,807	53.1%	101	22.9%	\$7,088,983	21.3%	185	41.9%	\$7,442,794	22.4%	54	12.2%	\$1,027,995	3.1%	442	\$33,211,579
2012	298	67.1%	\$21,364,334	54.5%	100	22.5%	\$9,285,411	23.7%	177	39.9%	\$6,954,186	17.8%	73	16.4%	\$1,570,931	4.0%	444	\$39,174,862
2013	318	70.5%	\$16,037,767	52.8%	93	20.6%	\$5,085,188	16.8%	181	40.1%	\$6,259,577	20.6%	123	27.3%	\$2,965,253	9.8%	451	\$30,347,785
2014	299	69.4%	\$15,265,663	53.1%	80	18.6%	\$4,821,201	16.8%	163	37.8%	\$6,951,473	24.2%	67	15.5%	\$1,733,495	6.0%	431	\$28,771,832
2015	260	61.8%	\$7,549,915	36.2%	77	18.3%	\$5,249,653	25.1%	165	39.2%	\$5,033,643	24.1%	109	25.9%	\$3,048,132	14.6%	421	\$20,881,344
2016	257	60.6%	\$10,183,143	44.8%	83	19.6%	\$4,293,334	18.9%	179	42.2%	\$6,176,919	27.2%	88	20.8%	\$2,064,832	9.1%	424	\$22,718,228

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- When fewer than four permits make landings, earnings in another column are masked (**) due to reasons of confidentiality.
- Some permits are used to record landings in more than one district.

Chapter 3 Yakutat Salmon Set Gillnet Fishery

S04D Permit Holdings

Limited entry permits for the Yakutat salmon set gillnet fishery (S04D permits) were issued starting in 1975. Table 3-1 indicates the initial distribution and historical net changes in permit holdings for the fishery. CFEC has issued 172 S04D permits. Of this total, Alaska Locals received 75.0% (129/172) of the permits, Nonlocal Alaskans received 14.5% (25/172) of the permits, and Nonresidents received 10.5% (18/172). Every permit issued was a transferable permit.

Table 3-1. Initial Issuance and Year-end 2016 Totals of Yakutat Salmon Set Gillnet Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

INITIAL ISSUE			TRANSFERS		MIGRATIONS		CANCELLED		2016 YEAR-END	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percentage
Local	129	75.0%	1	0.8%	-28	-21.7%	-1	-0.8%	101	60.5%
Nonlocal	25	14.5%	-5	-20.0%	14	56.0%	-2	-8.0%	32	19.2%
Nonresident	18	10.5%	4	22.2%	14	77.8%	-2	-11.1%	34	20.4%
Total	172	100.0%	0	0.0%	0	0.0%	-5	-2.9%	167	100.0%

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled (such as when a permit holder does not pay the renewal fee for two consecutive years or if there is a permit buyback). This table indicates the extent to which these factors have contributed to net changes in permit holdings in this fishery. Migrations have had the largest impact on the changes in permit holdings for this fishery.

Transfers of S04D Permits

Under the Limited Entry Act’s terms of free transferability, permits may be sold, traded, given away, or inherited. CFEC requires the completion of a survey with each transfer.⁶ The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

Table 3-2. Transfer Acquisition Methods for Yakutat Salmon Set Gillnet Permits, 1980-2016

Acquisition Method	S04D Permit		Combined Southeast Salmon		Statewide Salmon Set Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Gift</i>	305	52.4%	1,783	20.5%	6,667	56.1%	13,386	36.3%
<i>Sale</i>	257	44.2%	6,631	76.2%	4,646	39.1%	21,761	59.0%
<i>Trade</i>	4	0.7%	144	1.7%	96	0.8%	511	1.4%
<i>Other</i>	16	2.7%	144	1.7%	465	3.9%	1,215	3.3%
Total	582		8,702		11,874		36,873	

Table 3-2 compares and contrasts transfer acquisition methods for the S04D permits, all five Southeast Alaska salmon permit types combined, statewide salmon set gillnet permits, and all limited entry permits between 1980 and 2016. More than half of all S04D permit transfers were gifts (52.4%, or 305/582), most of the other half were transferred as sales (44.2% or 257/582), and a smaller percentage were trades (0.7% or 4/582) or other (2.7% or 16/582). The annual acquisition methods for S04D permits have not changed substantially throughout the time period.⁷

Table 3-3. Relationships of Transferor to Transfer Recipients for Yakutat Salmon Set Gillnet Permits, 1980-2016

Relationship	S04D Permit		Combined Southeast Salmon		Statewide Salmon Set Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Business Partner/Friend</i>	157	27.0%	1,756	20.2%	2,255	19.0%	6,801	18.4%
<i>Member of Immediate Family</i>	228	39.2%	1,803	20.7%	5,767	48.6%	12,468	33.8%
<i>Other Relative</i>	58	10.0%	232	2.7%	849	7.2%	1,707	4.6%
<i>Other</i>	139	23.9%	4,911	56.4%	3,003	25.3%	15,897	43.1%
Total	582		8,702		11,874		36,873	

Table 3-3 shows the relationships between the transferors and transfer recipients for S04D permits, and compares and contrasts S04D permit transfers with all five Southeast Alaska salmon permit types combined, statewide salmon set gillnet permits, and all limited entry permits from 1980 to 2016. Transfers within the family, both immediate family members and other relatives, total 49.1% (286/582) of all transfers. This compares to 23.4% (2,035/8,702) for all five Southeast Alaska salmon permit types combined, 55.7% (6,616/11,874) for statewide salmon set gillnet permits, and 38.4% (14,175/36,873) for all limited entry permits statewide.

⁶ CFEC implemented the transfer survey in 1980.

⁷ See *Changes in the Distribution of Alaska’s Commercial Fisheries Entry Permits, 1975-2016*, CFEC Report No. 17-1N.

Emergency Transfers of S04D Permits

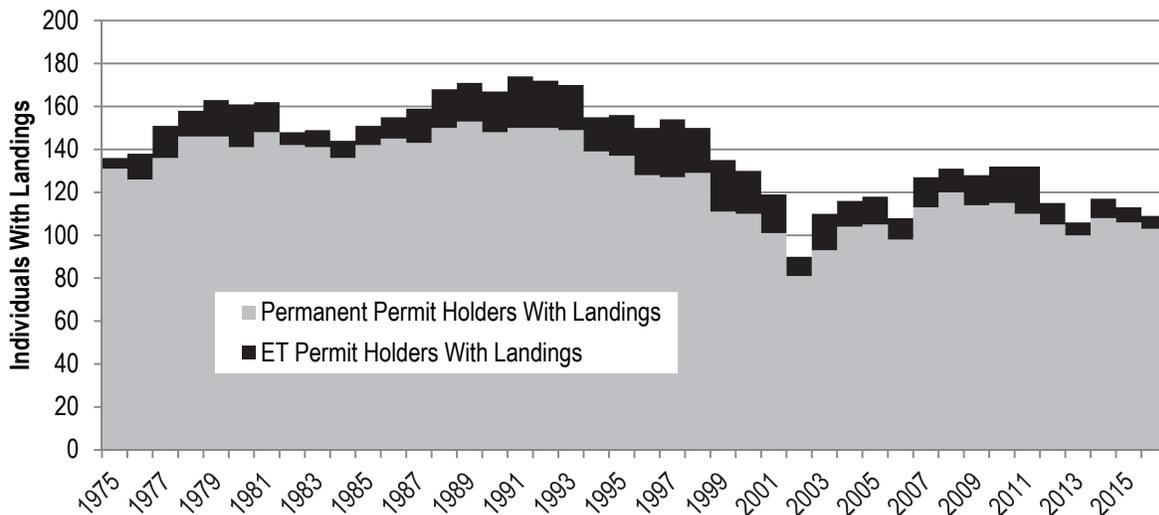
Commercial landings can be made with either permanently-held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, and unforeseen nature prevents the permanent permit holder from participating in the fishery. “Hardship” does not include the results of a permit holder’s own economic decisions, or the results of economic, biological or regulatory variables which are normally part of the risk of doing business as a fisherman. At the end of the year, ET permits automatically revert back to the permanent permit holder.

Table 3-4 and Figure 3-1 show the total number of individuals who recorded landings each year, and of that group, the number of individuals who made landings with ET permits. Some individuals who made landings with ET permits also made landings with permanent permits in the same year.

Table 3-4. Use of Emergency Transfer Permits in the Yakutat Salmon Set Gillnet Fishery, 1975-2016

Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET	Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET	Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET
1975	136	5	3.7%	1989	171	18	10.5%	2003	110	17	15.5%
1976	138	12	8.7%	1990	167	19	11.4%	2004	116	12	10.3%
1977	151	15	9.9%	1991	174	24	13.8%	2005	118	13	11.0%
1978	158	12	7.6%	1992	172	22	12.8%	2006	108	10	9.3%
1979	163	17	10.4%	1993	170	21	12.4%	2007	127	14	11.0%
1980	161	20	12.4%	1994	155	16	10.3%	2008	131	11	8.4%
1981	162	14	8.6%	1995	156	19	12.2%	2009	128	14	10.9%
1982	148	6	4.1%	1996	150	22	14.7%	2010	132	17	12.9%
1983	149	8	5.4%	1997	154	27	17.5%	2011	132	22	16.7%
1984	144	8	5.6%	1998	150	21	14.0%	2012	115	10	8.7%
1985	151	9	6.0%	1999	135	24	17.8%	2013	106	6	5.7%
1986	155	10	6.5%	2000	130	20	15.4%	2014	117	9	7.7%
1987	159	16	10.1%	2001	119	18	15.1%	2015	113	7	6.2%
1988	168	18	10.7%	2002	90	9	10.0%	2016	109	6	5.5%

Figure 3-1. Use of Emergency Transfer Permits in the Yakutat Salmon Set Gillnet Fishery, 1975-2016



Latent S04D Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they actually fish. Permits that are not used (don't record landings) in a given year are referred to herein as "latent" permits for that year.

Table 3-5 indicates the total number of viable S04D permits issued each year, the number of permits fished (with commercial landings), and the rate of permit latency. Viable permits include both interim entry and permanent permits. Note that for this table, in years when a single individual held an interim-entry permit and was also issued a permanent permit, only the permanent permit is counted. The rate of latency is depicted in Figure 3-2.

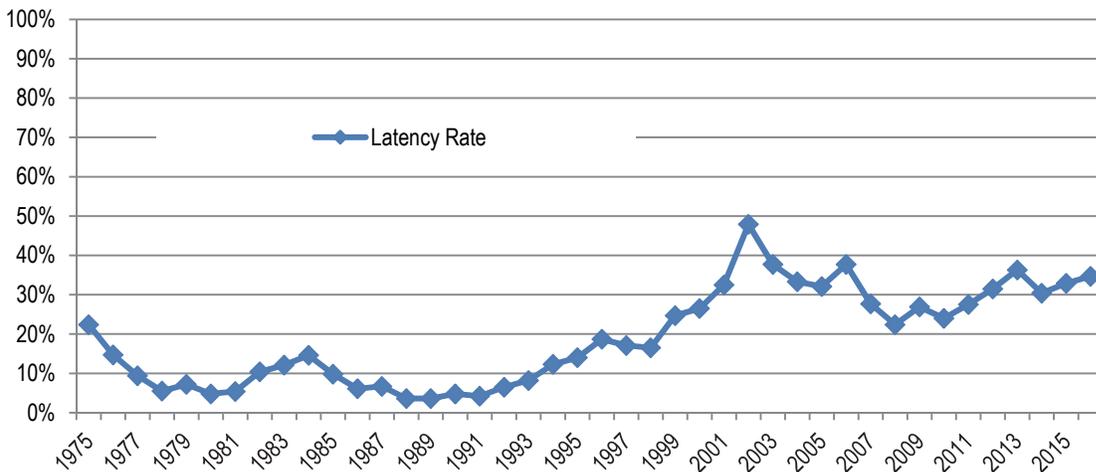
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

Table 3-5. Yakutat Salmon Set Gillnet Permit Latency, 1975-2016

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	174	135	22.4%	1989	166	160	3.6%	2003	167	104	37.7%
1976	156	133	14.7%	1990	166	158	4.8%	2004	168	112	33.3%
1977	159	144	9.4%	1991	168	161	4.2%	2005	168	114	32.1%
1978	163	154	5.5%	1992	170	159	6.5%	2006	167	104	37.7%
1979	167	155	7.2%	1993	171	157	8.2%	2007	166	120	27.7%
1980	167	159	4.8%	1994	171	150	12.3%	2008	165	128	22.4%
1981	167	158	5.4%	1995	171	147	14.0%	2009	167	122	26.9%
1982	164	147	10.4%	1996	171	139	18.7%	2010	167	127	24.0%
1983	165	145	12.1%	1997	170	141	17.1%	2011	167	121	27.5%
1984	164	140	14.6%	1998	170	142	16.5%	2012	168	115	31.5%
1985	164	148	9.8%	1999	170	128	24.7%	2013	168	107	36.3%
1986	164	154	6.1%	2000	170	125	26.5%	2014	168	117	30.4%
1987	165	154	6.7%	2001	169	114	32.5%	2015	167	112	32.9%
1988	165	159	3.6%	2002	167	87	47.9%	2016	167	109	34.7%

- When an individual with an interim-entry permit is issued a permanent permit in the same year, only the permanent permit is counted in the above table.
- 'Permits Fished' is the number of CFEC permits that were used to record commercial landings in that year.

Figure 3-2. Yakutat Salmon Set Gillnet Permit Latency, 1975-2016



New Entrants into the Yakutat Salmon Set Gillnet Fishery

New entrants are defined herein as individuals who, for the first time, record a landing on a permanent S04D permit. It is important to note that initial permit holders are not considered new entrants because they needed a proven fishing history prior to 1975 in order to become an initial permit holder of a limited entry permit. Individuals who only make landings on an emergency transfer or interim-entry permit for any given year are not considered in this table.

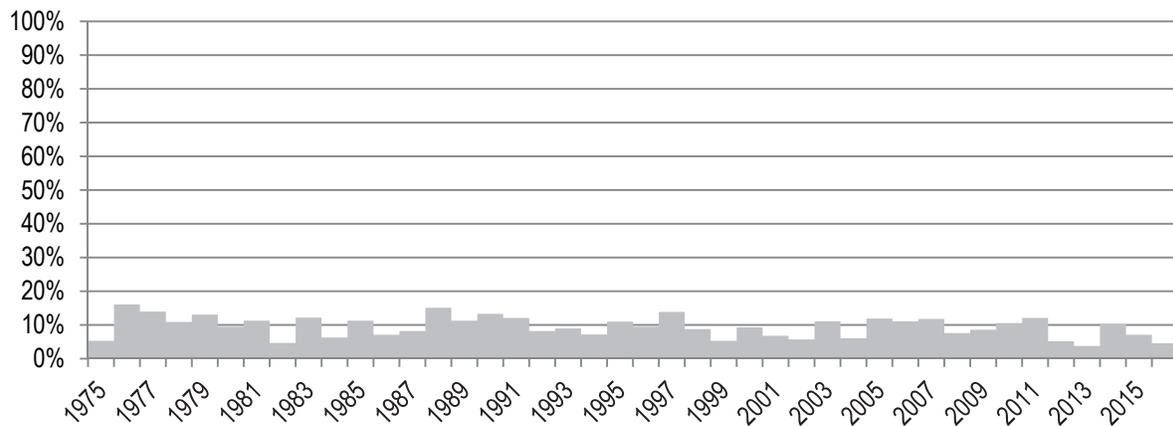
Table 3-6 and Figure 3-3 describe individuals rather than permits. An individual may hold up to two permits in this fishery, but can only fish one of them. An individual may hold one S04D permit one year, and then in subsequent years hold a different S04D permit. Likewise, individuals may enter and exit the fishery multiple times over the years. Individuals are only counted once as a new entrant and only in the year in which they made their first documented landing.

Table 3-6. New Entrants into the Yakutat Salmon Set Gillnet Fishery, 1975-2016

Year	Individuals w/Landings	New	New Percent
1975	95	5	5.3%
1976	137	22	16.1%
1977	150	21	14.0%
1978	156	17	10.9%
1979	160	21	13.1%
1980	158	15	9.5%
1981	160	18	11.3%
1982	148	7	4.7%
1983	148	18	12.2%
1984	144	9	6.3%
1985	151	17	11.3%
1986	155	11	7.1%
1987	158	13	8.2%
1988	166	25	15.1%
1989	168	19	11.3%
1990	165	22	13.3%
1991	173	21	12.1%
1992	170	14	8.2%
1993	167	15	9.0%
1994	152	11	7.2%
1995	154	17	11.0%
1996	148	14	9.5%
1997	151	21	13.9%
1998	148	13	8.8%
1999	133	7	5.3%
2000	129	12	9.3%
2001	117	8	6.8%
2002	88	5	5.7%
2003	108	12	11.1%
2004	114	7	6.1%
2005	118	14	11.9%
2006	108	12	11.1%
2007	127	15	11.8%
2008	131	10	7.6%
2009	128	11	8.6%
2010	132	14	10.6%
2011	132	16	12.1%
2012	115	6	5.2%
2013	106	4	3.8%
2014	117	12	10.3%
2015	113	8	7.1%
2016	109	5	4.6%

- New Entrants excludes individuals with interim-entry and emergency transfer permits.

Figure 3-3. New Entrants into the Yakutat Salmon Set Gillnet Fishery, 1975-2016



Age of S04D Permit Holders

Table 3-7. Mean Age of Select CFEC Permit Holders and the General Alaskan Population

Year	S04D	Combined Southeast Salmon	Statewide Salmon Set Gillnet	Statewide All Permits	Mean AK Worker Age
1980	38.9	44.5	37.9	40.8	33.4
1981	39.0	44.4	38.0	40.8	33.5
1982	39.2	44.2	38.2	40.9	33.6
1983	38.9	43.7	38.0	41.0	33.7
1984	39.4	44.2	38.2	41.3	33.8
1985	39.9	44.6	38.5	41.6	34.0
1986	40.8	44.7	38.8	41.8	34.2
1987	41.5	45.2	39.0	42.1	34.5
1988	41.3	45.4	39.3	42.2	34.9
1989	41.2	46.0	39.9	42.7	35.3
1990	41.2	46.4	40.0	43.0	35.5
1991	41.2	46.8	40.5	43.4	35.9
1992	41.5	47.3	40.8	43.8	36.2
1993	42.4	47.9	41.2	44.2	36.5
1994	42.7	48.3	41.5	44.6	36.7
1995	43.9	48.5	41.9	44.9	37.0
1996	44.5	49.1	42.3	45.3	37.2
1997	45.0	49.6	42.6	45.7	37.4
1998	45.6	50.1	43.1	46.0	37.6
1999	46.5	50.5	43.4	46.4	37.8
2000	46.4	50.8	43.7	46.8	37.9
2001	47.0	51.2	44.1	47.1	38.1
2002	47.0	51.8	44.8	47.7	38.3
2003	47.2	52.3	45.2	48.2	38.4
2004	46.9	52.5	45.4	48.4	38.6
2005	46.0	52.6	45.4	48.6	38.7
2006	46.5	52.7	45.5	48.8	38.8
2007	46.3	53.0	45.9	49.0	38.9
2008	45.9	53.2	45.9	49.2	39.0
2009	46.1	53.6	46.1	49.6	39.1
2010	46.4	53.9	46.4	49.7	39.2
2011	47.1	53.9	46.6	49.9	39.4
2012	48.5	53.9	47.1	50.1	39.4
2013	49.9	53.9	47.2	50.2	39.5
2014	49.2	54.0	47.3	50.4	39.5
2015	49.6	54.4	47.7	50.8	39.5
2016	50.0	54.8	48.1	51.2	39.7

- Mean AK Worker Age is the annual average age of all Alaskans age 16-64 as reported by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.
- Displayed figures are rounded to the nearest 10th. Age data from the CFEC permit file is as of December 31st of each year.

Table 3-7 shows the annual mean age of five different cohorts of people: 1) Yakutat salmon set gillnet (S04D) permit holders; 2) all five (S01A, S03A, S04D, S05B, and S15B) Southeast Alaska salmon permit holders; 3) statewide salmon set gillnet permit holders 4) all CFEC limited entry permit holders; and 5) the Alaskan worker population.

Note that these figures include ages of permit holders for both transferable and non-transferable permits; however, there were no non-transferable S04D permits issued. Some individuals hold permits in more than one fishery; in these cases, the age of the permit holder is counted once for each permit that he or she holds.

The mean age of the general Alaskan worker age population has increased 6.3 years between 1980 and 2016, which represents an 18.8% increase. The percent change in ages over the same period for all CFEC permit holders increased by 25.6% (10.4 years), 27.1% (10.3 years) for the statewide salmon set gillnet permit holders, and 23.3% (10.4 years) for the combined Southeast Alaska salmon permit holders.

For S04D permit holders, the mean age increased 28.7% (11.1 years).

S04D Permit Value

Many permit transfers are non-monetary transactions (see Table 3-2). Table 3-8 considers solely the arms-length market transactions where permits are sold. CFEC estimated values are expressed in both nominal and real (adjusted for inflation) terms.

Table 3-8. CFEC Estimated Value of Yakutat Salmon Set Gillnet Permits

Year	S04D Permit Sales	Nominal		Real	
		Permit Value	Standard Deviation	Permit Value	Standard Deviation
1982	8	\$32,792	-	\$81,558	-
1983	4	\$27,250	-	\$65,665	-
1984	4	\$23,750	-	\$54,862	-
1985	9	\$25,862	-	\$57,686	-
1986	7	\$26,857	-	\$58,813	-
1987	5	\$27,200	-	\$57,466	-
1988	16	\$29,734	-	\$60,324	-
1989	5	\$33,200	-	\$64,260	-
1990	11	\$39,455	-	\$72,452	-
1991	8	\$44,100	\$7,850	\$77,712	\$13,833
1992	3	\$40,000	\$7,050	\$68,427	\$12,060
1993	10	\$46,900	\$24,950	\$77,898	\$41,441
1994	4	\$42,500	\$9,550	\$68,828	\$15,466
1995	5	\$49,600	\$7,150	\$78,113	\$11,260
1996	8	\$43,400	\$7,800	\$66,388	\$11,932
1997	5	\$34,900	\$3,000	\$52,188	\$4,486
1998	2	\$30,900	\$7,100	\$45,498	\$10,454
1999	2	\$31,300	\$8,550	\$45,091	\$12,317
2000	3	\$28,100	\$8,500	\$39,165	\$11,847
2001	4	\$27,400	\$6,300	\$37,133	\$8,538
2002	1	\$23,600	\$4,450	\$31,485	\$5,937
2003	7	\$9,600	\$3,400	\$12,522	\$4,435
2004	12	\$10,800	\$1,800	\$13,722	\$2,287
2005	9	\$12,800	\$1,600	\$15,730	\$1,966
2006	5	\$13,100	\$1,900	\$15,596	\$2,262
2007	10	\$16,600	\$1,400	\$19,215	\$1,621
2008	10	\$20,300	\$2,150	\$22,629	\$2,397
2009	4	\$17,900	\$3,600	\$20,025	\$4,027
2010	5	\$17,400	\$1,650	\$19,152	\$1,816
2011	5	\$17,800	\$1,800	\$18,992	\$1,921
2012	4	\$19,800	\$500	\$20,698	\$523
2013	2	\$19,900	\$250	\$20,502	\$258
2014	8	\$17,800	\$3,550	\$18,046	\$3,599
2015	4	\$18,700	\$650	\$18,936	\$658
2016	3	\$16,600	\$4,400	\$16,600	\$4,400

- Permit values represent averages of all arms-length sale transactions over the year. Beginning in 1991, additional data from recent months in the preceding year may be included until at least four observations can be averaged.
- The Standard Deviation was not calculated prior to 1991.
- Real permit values were calculated using the 2016 Consumer Price Index from the U.S. Bureau of Labor Statistics.

S04D Permit Stacking

In 2002, the Alaska Legislature amended Alaska Statute 16.43.140 (c) to allow for individuals to hold two salmon permits. In 2006, the legislature passed House Bill 251 which allows the Board of Fisheries the authority to grant fishing privileges to the second permit held by an individual. Starting in 2012, the Alaska Board of Fisheries allowed for stacked permit operations in the Yakutat salmon set gillnet fishery.⁸ Under provision (e) of the regulation, Yakutat set gillnet permit stacking is set to expire on December 31, 2017. A stacked permit operation is where an individual who holds two permits is allowed to fish up to two full complements of gear. A single permit operation is where an individual holds one permit and fishes only one complement of gear.

Reporting on counts of stacked permit operations is not a simple task due to the transferability of S04D permits. Permits can change hands multiple times throughout the year. An individual may start as a single permit operation at the beginning of season, then fish as a stacked operation after acquiring a second permit midseason. An individual in a stacked permit operation might use an Emergency Transfer permit for part of the season, and then have a permanently held second permit for the rest of the season.

Table 3-9 provides data on participation by operation type for 2016. While at least one individual has fished with two permits every year since 2012, for the years 2012 to 2015 there were fewer than four individuals fishing with a stacked permit operation so earnings data is not provided in this public report. Note that this table reports on individuals and not permits. Earnings are adjusted for inflation using the U.S. Bureau of Labor Statistics 2016 Consumer Price Index.

Table 3-9. Yakutat Set Gillnet Participation, Effort, and Real Earnings by Operation Type, 2016

Year	Operation Type	Individuals		Average		Ex-vessel	
		with Landings	Effort	Ex-vessel Value	Ex-vessel Value	Individuals	Value
2016	Stacked	4	8	\$153,750	\$38,437	3.7%	8.0%
	Single	105	105	\$1,776,473	\$16,919	96.3%	92.0%
	<i>Total</i>	109	113	\$1,930,222	\$17,708	100.0%	100.0%

- Individuals are counted as being in stacked permit operations when they made at least one landing while holding two permits.
- Earnings are adjusted for inflation using the U.S. Bureau of Labor Statistics 2016 Consumer Price Index.

⁸ See 5 AAC 30.345.

Participation and Earnings

Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 3-4 are for both nominal and real dollars using the 2016 Consumer Price Index from the U.S. Bureau of Labor Statistics.

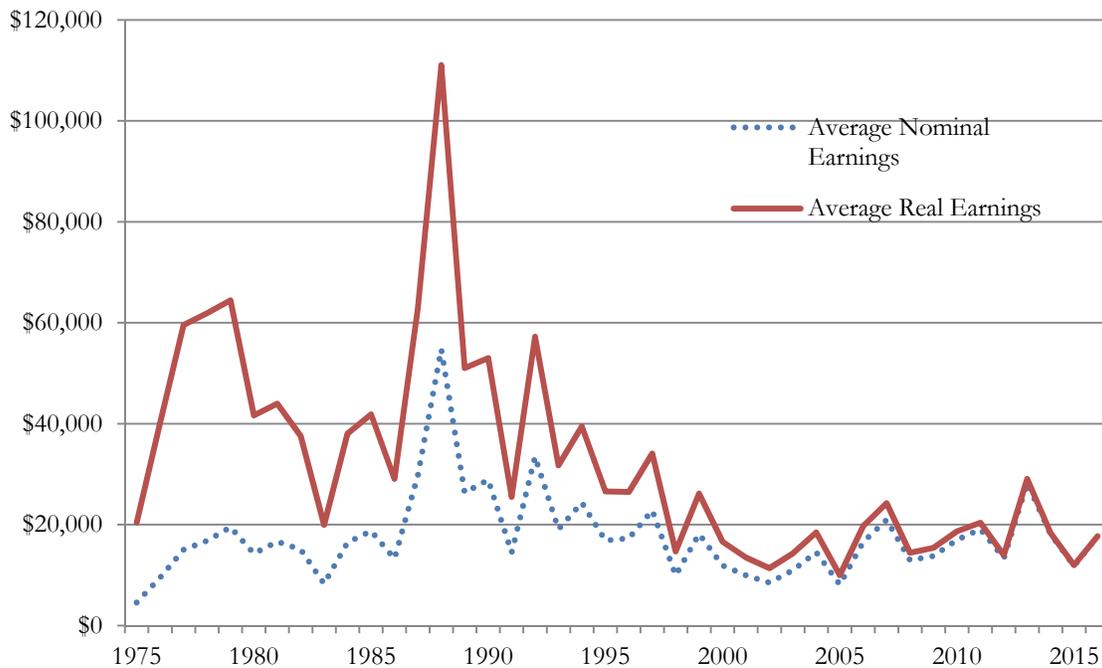
Permit counts include interim-entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held for the Yakutat salmon set gillnet fishery was in 2004. Some individuals made landings on both an interim-entry permit and subsequently on their newly issued permanent permit in the same year; for these instances, only the permanent permit is counted in this report.

Table 3-10 reports the number of permits issued, permits and vessels with landings, and estimated gross earnings in the Yakutat salmon set gillnet fishery from 1975 to 2016. Note that the figures by permit in this table span the entire year, regardless of who held the permit or however many times the permit was transferred.

Table 3-11 reports the number of permit holders (people) and estimated real (inflation-adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Table 3-12 breaks out participation and earnings by ADF&G salmon statistical area with real ex-vessel values.

Figure 3-4. Estimated Nominal and Real Average Gross Earnings Per Yakutat Salmon Set Gillnet Permit



- Real earnings are adjusted for inflation using the 2016 U.S. Bureau of Labor Statistics Consumer Price Index.

Table 3-10. Estimated Total Gross Earnings (Real and Nominal) for the Yakutat Salmon Set Gillnet Fishery, With Average Earnings (Real) by Permit, 1975-2016

Year	Viable Permits	Total Gross Earnings		Permits With Landings	Average Real Earnings
		Nominal	Real		
1975	174	\$617,769	\$2,755,925	135	\$20,414
1976	156	\$1,266,918	\$5,343,921	133	\$40,180
1977	159	\$2,165,108	\$8,574,937	144	\$59,548
1978	163	\$2,588,725	\$9,529,327	154	\$61,879
1979	167	\$3,022,174	\$9,990,948	155	\$64,458
1980	167	\$2,272,641	\$6,619,536	159	\$41,632
1981	167	\$2,631,179	\$6,947,211	158	\$43,970
1982	164	\$2,220,866	\$5,523,560	147	\$37,575
1983	165	\$1,200,401	\$2,892,616	145	\$19,949
1984	164	\$2,305,102	\$5,324,742	140	\$38,034
1985	164	\$2,777,108	\$6,194,474	148	\$41,855
1986	164	\$2,044,606	\$4,477,370	154	\$29,074
1987	165	\$4,587,640	\$9,692,480	154	\$62,938
1988	165	\$8,703,413	\$17,657,482	159	\$111,053
1989	166	\$4,217,986	\$8,164,082	160	\$51,026
1990	166	\$4,560,978	\$8,375,414	158	\$53,009
1991	168	\$2,330,261	\$4,106,307	161	\$25,505
1992	170	\$5,320,994	\$9,102,465	159	\$57,248
1993	171	\$3,000,832	\$4,984,227	157	\$31,747
1994	171	\$3,653,893	\$5,917,409	150	\$39,449
1995	171	\$2,479,193	\$3,904,355	147	\$26,560
1996	171	\$2,406,670	\$3,681,439	139	\$26,485
1997	170	\$3,216,870	\$4,810,414	141	\$34,116
1998	170	\$1,416,481	\$2,085,676	142	\$14,688
1999	170	\$2,324,296	\$3,348,424	128	\$26,160
2000	170	\$1,491,218	\$2,078,413	125	\$16,627
2001	169	\$1,134,695	\$1,537,745	114	\$13,489
2002	167	\$741,392	\$989,102	87	\$11,369
2003	167	\$1,140,130	\$1,487,170	104	\$14,300
2004	168	\$1,629,266	\$2,070,064	112	\$18,483
2005	168	\$926,824	\$1,138,988	114	\$9,991
2006	167	\$1,724,122	\$2,052,586	104	\$19,736
2007	166	\$2,516,647	\$2,913,124	120	\$24,276
2008	165	\$1,657,225	\$1,847,376	128	\$14,433
2009	167	\$1,681,645	\$1,881,291	122	\$15,420
2010	167	\$2,157,567	\$2,374,762	127	\$18,699
2011	167	\$2,311,802	\$2,466,663	121	\$20,386
2012	168	\$1,536,822	\$1,606,523	115	\$13,970
2013	168	\$3,018,685	\$3,110,040	107	\$29,066
2014	168	\$2,117,427	\$2,146,683	117	\$18,348
2015	167	\$1,324,121	\$1,340,825	112	\$11,972
2016	167	\$1,930,222	\$1,930,222	109	\$17,708

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year.

Table 3-11. Estimated Real Gross Earnings for Permit Holders in the Yakutat Salmon Set Gillnet Fishery by Resident Type, 1975-2016

Year	Local Gross Earnings			Nonlocal Gross Earnings			Nonresident Gross Earnings			Total Gross Earnings		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	106	\$18,078	\$1,916,283	16	\$15,347	\$245,547	14	\$42,435	\$594,095	136	\$20,264	\$2,755,925
1976	111	\$33,731	\$3,744,165	12	\$44,660	\$535,926	15	\$70,922	\$1,063,830	138	\$38,724	\$5,343,921
1977	121	\$52,862	\$6,396,247	18	\$59,258	\$1,066,646	12	\$92,670	\$1,112,044	151	\$56,788	\$8,574,937
1978	121	\$52,247	\$6,321,908	18	\$75,686	\$1,362,356	19	\$97,109	\$1,845,063	158	\$60,312	\$9,529,327
1979	126	\$54,713	\$6,893,779	18	\$73,981	\$1,331,650	19	\$92,922	\$1,765,520	163	\$61,294	\$9,990,948
1980	121	\$39,292	\$4,754,332	23	\$43,233	\$994,352	17	\$51,227	\$870,853	161	\$41,115	\$6,619,536
1981	122	\$41,987	\$5,122,417	22	\$39,042	\$858,930	18	\$53,659	\$965,864	162	\$42,884	\$6,947,211
1982	111	\$36,023	\$3,998,581	17	\$27,400	\$465,796	20	\$52,959	\$1,059,182	148	\$37,321	\$5,523,560
1983	111	\$18,857	\$2,093,166	19	\$17,917	\$340,417	19	\$24,160	\$459,033	149	\$19,414	\$2,892,616
1984	109	\$37,637	\$4,102,430	16	\$41,466	\$663,458	19	\$29,413	\$558,854	144	\$36,977	\$5,324,742
1985	110	\$40,231	\$4,425,386	23	\$39,342	\$904,860	18	\$48,013	\$864,228	151	\$41,023	\$6,194,474
1986	108	\$27,852	\$3,008,033	25	\$34,554	\$863,842	22	\$27,523	\$605,495	155	\$28,886	\$4,477,370
1987	108	\$64,258	\$6,939,890	29	\$60,018	\$1,740,508	22	\$46,004	\$1,012,082	159	\$60,959	\$9,692,480
1988	109	\$108,028	\$11,775,104	34	\$104,935	\$3,567,774	25	\$92,584	\$2,314,604	168	\$105,104	\$17,657,482
1989	114	\$47,059	\$5,364,767	30	\$52,662	\$1,579,847	27	\$45,165	\$1,219,468	171	\$47,743	\$8,164,082
1990	114	\$49,374	\$5,628,620	27	\$53,998	\$1,457,937	26	\$49,571	\$1,288,858	167	\$50,152	\$8,375,414
1991	118	\$25,914	\$3,057,802	32	\$20,198	\$646,346	24	\$16,757	\$402,159	174	\$23,599	\$4,106,307
1992	120	\$50,803	\$6,096,321	25	\$62,543	\$1,563,568	27	\$53,429	\$1,442,576	172	\$52,921	\$9,102,465
1993	118	\$29,459	\$3,476,190	26	\$27,517	\$715,433	26	\$30,485	\$792,605	170	\$29,319	\$4,984,227
1994	106	\$38,284	\$4,058,110	22	\$40,460	\$890,124	27	\$35,895	\$969,174	155	\$38,177	\$5,917,409
1995	105	\$27,381	\$2,875,007	20	\$24,159	\$483,171	31	\$17,619	\$546,176	156	\$25,028	\$3,904,355
1996	103	\$27,031	\$2,784,148	18	\$21,277	\$382,986	29	\$17,735	\$514,304	150	\$24,543	\$3,681,439
1997	106	\$35,178	\$3,728,860	18	\$23,755	\$427,594	30	\$21,799	\$653,960	154	\$31,236	\$4,810,414
1998	102	\$14,708	\$1,500,231	14	\$15,763	\$220,681	34	\$10,728	\$364,765	150	\$13,905	\$2,085,676
1999	105	\$25,580	\$2,685,893	9	\$21,966	\$197,693	21	\$22,135	\$464,838	135	\$24,803	\$3,348,424
2000	89	\$15,829	\$1,408,761	16	\$16,970	\$271,519	25	\$15,925	\$398,133	130	\$15,988	\$2,078,413
2001	84	\$14,524	\$1,219,978	13	\$10,102	\$131,327	22	\$8,475	\$186,441	119	\$12,922	\$1,537,745
2002	64	\$12,864	\$823,278	9	\$4,320	\$38,882	17	\$7,467	\$126,942	90	\$10,990	\$989,102
2003	81	\$12,949	\$1,048,888	14	\$10,097	\$141,362	15	\$19,795	\$296,920	110	\$13,520	\$1,487,170
2004	78	\$19,083	\$1,488,508	11	\$17,106	\$188,162	27	\$14,570	\$393,395	116	\$17,845	\$2,070,064
2005	85	\$10,742	\$913,096	12	\$7,121	\$85,449	21	\$6,688	\$140,444	118	\$9,652	\$1,138,988
2006	82	\$19,632	\$1,609,820	11	\$20,491	\$225,399	15	\$14,491	\$217,368	108	\$19,005	\$2,052,586
2007	92	\$21,578	\$1,985,214	16	\$26,257	\$420,109	19	\$26,726	\$507,801	127	\$22,938	\$2,913,124
2008	99	\$14,862	\$1,471,292	11	\$20,579	\$226,366	21	\$7,129	\$149,718	131	\$14,102	\$1,847,376
2009	98	\$15,309	\$1,500,266	10	\$19,660	\$196,600	20	\$9,221	\$184,425	128	\$14,698	\$1,881,291
2010	100	\$19,246	\$1,924,636	13	\$15,349	\$199,543	19	\$13,189	\$250,583	132	\$17,991	\$2,374,762
2011	93	\$19,617	\$1,824,350	14	\$20,496	\$286,949	25	\$14,215	\$355,364	132	\$18,687	\$2,466,663
2012	83	\$15,029	\$1,247,424	16	\$7,823	\$125,165	16	\$14,621	\$233,935	115	\$13,970	\$1,606,523
2013	79	\$33,432	\$2,641,102	14	\$15,025	\$210,351	13	\$19,891	\$258,587	106	\$29,340	\$3,110,040
2014	85	\$19,115	\$1,624,810	19	\$13,749	\$261,229	13	\$20,050	\$260,645	117	\$18,348	\$2,146,683
2015	82	\$14,152	\$1,160,489	17	\$3,794	\$64,506	14	\$8,274	\$115,829	113	\$11,866	\$1,340,825
2016	78	\$21,008	\$1,638,638	16	\$9,613	\$153,809	15	\$9,185	\$137,776	109	\$17,708	\$1,930,222

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year. Note that these counts are for individuals, not permits.

Table 3-12. Gross Real Earnings for the Yakutat Salmon Set Gillnet Fishery by ADF&G Salmon Statistical District, 1975 to 2016

Year	District 182		District 183		District 185		District 186		District 191		District 192		Total	
	Permits	Real Value	Permits	Real Value										
1975	122	\$2,143,049	34	\$533,547	4	\$79,330	0	\$0	0	\$0	0	\$0	135	\$2,755,925
1976	122	\$4,477,552	32	\$750,475	0	\$0	0	\$0	0	\$0	4	\$115,894	133	\$5,343,921
1977	135	\$7,096,835	54	\$1,233,077	1-3	confidential	0	\$0	0	\$0	1-3	confidential	144	\$8,574,937
1978	147	\$7,409,605	58	\$662,304	**	confidential	0	\$0	1-3	confidential	23	\$1,291,931	154	\$9,529,327
1979	149	\$7,525,285	63	\$1,153,860	1-3	confidential	0	\$0	0	\$0	**	confidential	155	\$9,990,948
1980	150	\$4,365,058	45	\$1,032,392	14	\$360,250	0	\$0	0	\$0	37	\$861,837	159	\$6,619,536
1981	144	\$4,766,174	79	\$1,232,786	19	\$249,433	0	\$0	0	\$0	30	\$698,818	158	\$6,947,211
1982	129	\$3,748,483	58	\$903,842	9	\$86,597	0	\$0	0	\$0	46	\$784,637	147	\$5,523,560
1983	133	\$2,075,748	65	\$422,988	11	\$80,114	0	\$0	0	\$0	16	\$313,766	145	\$2,892,616
1984	130	\$3,455,943	60	\$625,913	5	\$22,625	0	\$0	0	\$0	24	\$1,220,261	140	\$5,324,742
1985	139	\$4,384,569	63	\$505,044	7	\$47,602	0	\$0	0	\$0	41	\$1,257,258	148	\$6,194,474
1986	142	\$2,953,627	71	\$617,643	**	confidential	1-3	confidential	0	\$0	47	\$561,594	154	\$4,477,370
1987	148	\$7,138,727	71	\$1,050,755	9	\$283,078	0	\$0	0	\$0	42	\$1,219,921	154	\$9,692,480
1988	153	\$11,708,246	67	\$2,552,456	1-3	confidential	0	\$0	0	\$0	**	confidential	159	\$17,657,482
1989	158	\$5,945,476	80	\$1,193,716	11	\$115,932	0	\$0	0	\$0	29	\$908,958	160	\$8,164,082
1990	149	\$6,078,318	69	\$1,471,755	10	\$133,976	0	\$0	0	\$0	38	\$691,366	158	\$8,375,414
1991	157	\$3,098,970	61	\$512,164	1-3	confidential	0	\$0	0	\$0	**	confidential	161	\$4,106,307
1992	157	\$6,849,267	59	\$796,791	1-3	confidential	1-3	confidential	4	\$10,012	23	\$1,374,762	159	\$9,102,465
1993	153	\$4,127,609	41	\$286,427	1-3	confidential	1-3	confidential	4	\$6,418	24	\$539,182	157	\$4,984,227
1994	147	\$4,764,944	47	\$379,254	1-3	confidential	0	\$0	0	\$0	**	confidential	150	\$5,917,409
1995	142	\$3,136,340	47	\$423,983	1-3	confidential	0	\$0	0	\$0	**	confidential	147	\$3,904,355
1996	132	\$3,140,330	44	\$251,778	1-3	confidential	0	\$0	0	\$0	**	confidential	139	\$3,681,439
1997	132	\$3,696,853	34	\$364,180	1-3	confidential	0	\$0	0	\$0	**	confidential	141	\$4,810,414
1998	132	\$1,399,642	33	\$114,677	1-3	confidential	0	\$0	0	\$0	**	confidential	142	\$2,085,676
1999	117	\$2,107,632	55	\$634,552	1-3	confidential	0	\$0	0	\$0	**	confidential	128	\$3,348,424
2000	108	\$1,375,448	46	\$303,054	1-3	confidential	0	\$0	0	\$0	**	confidential	125	\$2,078,413
2001	105	\$1,156,973	60	\$271,887	0	\$0	0	\$0	0	\$0	10	\$108,885	114	\$1,537,745
2002	86	\$911,621	35	\$77,481	0	\$0	0	\$0	0	\$0	0	\$0	87	\$989,102
2003	100	\$1,365,675	34	\$121,495	0	\$0	0	\$0	0	\$0	0	\$0	104	\$1,487,170
2004	108	\$1,793,788	**	confidential	0	\$0	0	\$0	0	\$0	1-3	confidential	112	\$2,070,064
2005	97	\$737,997	42	\$258,469	0	\$0	0	\$0	0	\$0	8	\$142,522	114	\$1,138,988
2006	93	\$1,346,174	46	\$433,942	0	\$0	0	\$0	0	\$0	13	\$272,470	104	\$2,052,586
2007	106	\$2,059,454	60	\$649,146	0	\$0	0	\$0	0	\$0	12	\$204,524	120	\$2,913,124
2008	110	\$1,171,300	58	\$229,082	1-3	confidential	0	\$0	0	\$0	**	confidential	128	\$1,847,376
2009	111	\$1,273,154	56	\$211,987	1-3	confidential	0	\$0	0	\$0	**	confidential	122	\$1,881,291
2010	109	\$1,581,863	47	\$291,849	1-3	confidential	0	\$0	0	\$0	**	confidential	127	\$2,374,762
2011	109	\$1,774,747	50	\$442,385	0	\$0	0	\$0	0	\$0	20	\$249,531	121	\$2,466,663
2012	97	\$1,021,820	40	\$251,523	0	\$0	0	\$0	0	\$0	14	\$333,181	115	\$1,606,523
2013	93	\$2,325,052	37	\$396,976	0	\$0	0	\$0	0	\$0	13	\$388,011	107	\$3,110,040
2014	104	\$1,569,044	41	\$326,187	0	\$0	0	\$0	0	\$0	9	\$251,452	117	\$2,146,683
2015	100	\$1,080,083	42	\$168,285	0	\$0	0	\$0	0	\$0	6	\$92,457	112	\$1,340,825
2016	96	\$1,493,035	**	confidential	0	\$0	0	\$0	0	\$0	1-3	confidential	109	\$1,930,222

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Some Permits are used to record landings in more than one district.
- When fewer than four permits make landings, earnings in another column are masked due to reasons of confidentiality.

Chapter 4 Statewide Salmon Hand Troll Fishery

S05B Permit Holdings

Limited entry permits for the statewide salmon hand troll fishery (S05B permits) were issued starting in 1982. Table 4-1 indicates the initial distribution and historical net changes in permit holdings for the fishery. CFEC has issued 2,162 S05B permits. Of this total, Alaska Locals received 90.5% (1,956/2,162) of the permits, Nonlocal Alaskans received 2.5% (53/2,162) of the permits, and Nonresidents received 7.1% (153/2,162). More than two-thirds (67.4%, or 1,457/2,162) of the permits were issued as non-transferable permits.

Table 4-1. Initial Issuance and Year-end 2016 Totals of Statewide Salmon Hand Troll Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

INITIAL ISSUE			TRANSFERS		MIGRATIONS		CANCELLED		2016 YEAR-END	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percentage
Local	1,956	90.5%	-4	-0.2%	-197	-10.1%	-942	-48.2%	813	84.8%
Nonlocal	53	2.5%	-10	-18.9%	56	105.7%	-56	-105.7%	43	4.5%
Nonresident	153	7.1%	14	9.2%	141	92.2%	-205	-134.0%	103	10.7%
Total	2,162	100.0%	0	0.0%	0	0.0%	-1,203	-55.6%	959	100.0%

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled (such as when a permit holder does not pay the renewal fee for two consecutive years). This table indicates the extent to which these factors have contributed to net changes in permit holdings in this fishery.

Cancelled permits have had the largest impact on S05B permit holdings. The majority (95.0%, or 1,143/1,203) of the cancelled permits were non-transferable.

Transfers of S05B Permits

Under the Limited Entry Act’s terms of free transferability, transferable permits may be sold, traded, given away, or inherited. CFEC requires the completion of a survey with each transfer.⁹ The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

Table 4-2. Transfer Acquisition Methods for Statewide Salmon Hand Troll Permits, 1980-2016

Acquisition Method	S05B Permit		Combined Southeast Salmon		Statewide Salmon Troll		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Gift</i>	445	15.1%	1,783	20.5%	806	14.6%	13,386	36.3%
<i>Sale</i>	2,405	81.8%	6,631	76.2%	4,526	82.2%	21,761	59.0%
<i>Trade</i>	59	2.0%	144	1.7%	100	1.8%	511	1.4%
<i>Other</i>	32	1.1%	144	1.7%	73	1.3%	1,215	3.3%
Total	2,941		8,702		5,505		36,873	

Table 4-2 compares and contrasts transfer acquisition methods for the S05B permits, all five Southeast Alaska salmon permit types combined, both hand and power troll permits, and all limited entry permits between 1982 and 2016. More than four-fifths of all S05B permit transfers were sales (81.8%, or 2,405/2,941), about one in seven were transferred as gifts (15.1% or 445/2,941), and a smaller percentage were trades (2.0% or 59/2,941) or other (1.1% or 32/2,941). The annual acquisition methods for S05B permits have not changed substantially throughout the time period.¹⁰

Table 4-3. Relationships of Transferor to Transfer Recipients for Statewide Salmon Hand Troll Permits, 1980-2016

Relationship	S05B Permit		Combined Southeast Salmon		Statewide Salmon Troll		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Business Partner/Friend</i>	632	21.5%	1,756	20.2%	1,127	20.5%	6,801	18.4%
<i>Member of Immediate Family</i>	487	16.6%	1,803	20.7%	895	16.3%	12,468	33.8%
<i>Other Relative</i>	64	2.2%	232	2.7%	107	1.9%	1,707	4.6%
<i>Other</i>	1,758	59.8%	4,911	56.4%	3,376	61.3%	15,897	43.1%
Total	2,941		8,702		5,505		36,873	

Table 4-3 shows the relationships between the transferors and transfer recipients for S05B permits, and compares and contrasts S05B permit transfers with all five Southeast Alaska salmon permit types combined, statewide salmon troll permits, and all limited entry permits from 1982 to 2016. Transfers within the family, both immediate family members and other relatives, total 18.7% (551/2,941) of all transfers. This compares to 23.4% (2,035/8,702) for all five Southeast Alaska salmon permit types combined, 18.2% (1,002/5,505) for statewide salmon troll permits, and 38.4% (14,175/36,873) for all limited entry permits statewide.

⁹ CFEC implemented the transfer survey in 1980.

¹⁰ See *Changes in the Distribution of Alaska’s Commercial Fisheries Entry Permits, 1975-2016*, CFEC Report No. 17-1N.

Emergency Transfers of S05B Permits

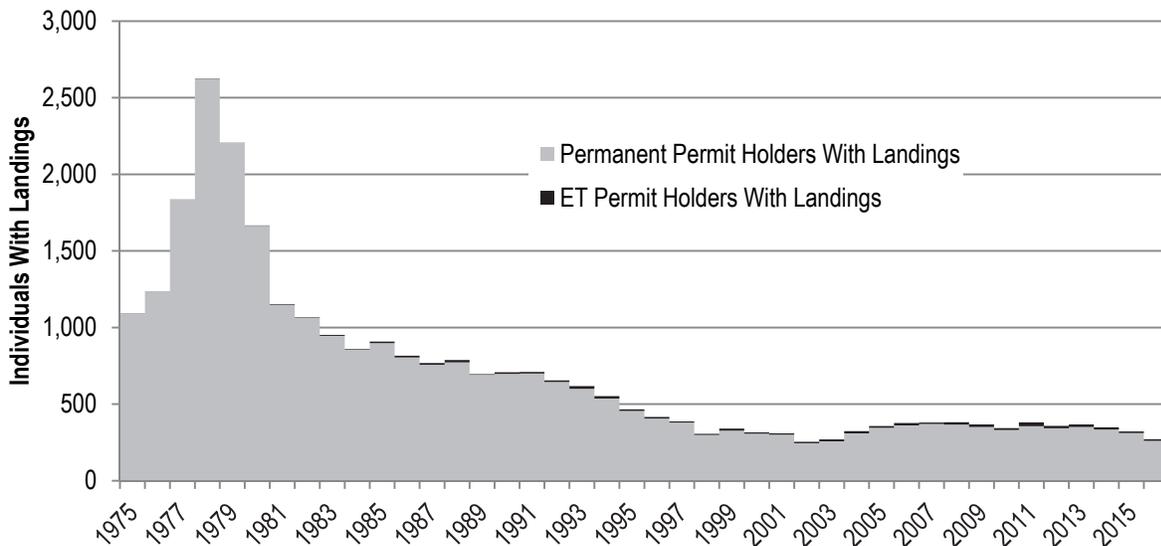
Commercial landings can be made with either permanently-held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, and unforeseen nature prevents the permanent permit holder from participating in the fishery. “Hardship” does not include the results of a permit holder’s own economic decisions, or the results of economic, biological or regulatory variables which are normally part of the risk of doing business as a fisherman. At the end of the year, ET permits automatically revert back to the permanent permit holder.

Table 4-4 and Figure 4-1 show the total number of individuals who recorded landings each year, and of that group, the number of individuals who made landings with ET permits. Some individuals who made landings with ET permits also made landings with permanent permits in the same year.

Table 4-4. Use of Emergency Transfer Permits in the Statewide Salmon Hand Troll Fishery, 1975-2016

Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET	Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET	Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET
1975	1,093	1	0.1%	1989	696	5	0.7%	2003	270	13	4.8%
1976	1,238	0	0.0%	1990	708	10	1.4%	2004	324	15	4.6%
1977	1,836	1	0.1%	1991	710	10	1.4%	2005	357	11	3.1%
1978	2,626	2	0.1%	1992	655	10	1.5%	2006	377	16	4.2%
1979	2,206	1	0.0%	1993	618	18	2.9%	2007	380	9	2.4%
1980	1,667	3	0.2%	1994	552	15	2.7%	2008	382	16	4.2%
1981	1,153	5	0.4%	1995	466	10	2.1%	2009	367	16	4.4%
1982	1,068	3	0.3%	1996	416	10	2.4%	2010	344	13	3.8%
1983	952	6	0.6%	1997	387	7	1.8%	2011	381	25	6.6%
1984	861	4	0.5%	1998	306	7	2.3%	2012	358	15	4.2%
1985	908	10	1.1%	1999	340	13	3.8%	2013	368	17	4.6%
1986	816	11	1.3%	2000	316	9	2.8%	2014	349	15	4.3%
1987	768	11	1.4%	2001	309	8	2.6%	2015	322	11	3.4%
1988	788	16	2.0%	2002	254	9	3.5%	2016	271	10	3.7%

Figure 4-1. Use of Emergency Transfer Permits in the Statewide Salmon Hand Troll Fishery, 1975-2016



Latent S05B Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they actually fish. Permits that are not used (don't record landings) in a given year are referred to herein as "latent" permits for that year.

Table 4-5 indicates the total number of viable S05B permits issued each year, the number of permits fished (with commercial landings), and the rate of permit latency. Viable permits include both interim entry and permanent permits. Note that for this table, in years when a single individual held an interim-entry permit and was also issued a permanent permit, only the permanent permit is counted. The rate of latency is depicted in Figure 4-2.

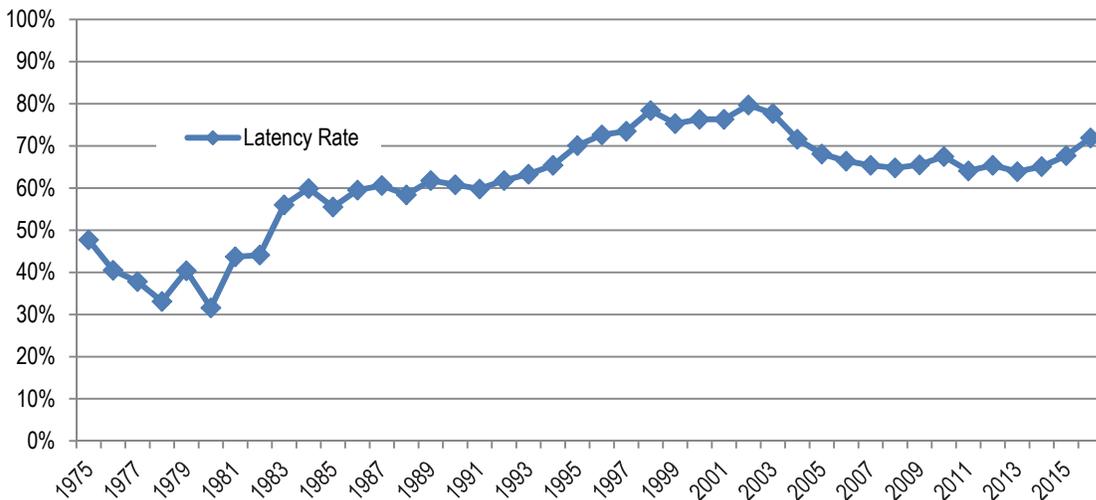
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

Table 4-5. Statewide Salmon Hand Troll Permit Latency, 1975-2016

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	2,088	1,092	47.7%	1989	1,817	694	61.8%	2003	1,189	265	77.7%
1976	2,082	1,238	40.5%	1990	1,782	699	60.8%	2004	1,140	324	71.6%
1977	2,953	1,836	37.8%	1991	1,741	700	59.8%	2005	1,108	353	68.1%
1978	3,923	2,624	33.1%	1992	1,688	645	61.8%	2006	1,105	371	66.4%
1979	3,702	2,207	40.4%	1993	1,634	600	63.3%	2007	1,083	375	65.4%
1980	2,436	1,667	31.6%	1994	1,579	547	65.4%	2008	1,065	375	64.8%
1981	2,048	1,153	43.7%	1995	1,540	460	70.1%	2009	1,055	364	65.5%
1982	1,909	1,067	44.1%	1996	1,501	412	72.6%	2010	1,044	339	67.5%
1983	2,150	946	56.0%	1997	1,459	387	73.5%	2011	1,037	372	64.1%
1984	2,147	860	59.9%	1998	1,409	304	78.4%	2012	1,019	353	65.4%
1985	2,030	903	55.5%	1999	1,370	338	75.3%	2013	1,002	362	63.9%
1986	1,983	804	59.5%	2000	1,329	315	76.3%	2014	992	346	65.1%
1987	1,937	763	60.6%	2001	1,295	307	76.3%	2015	978	316	67.7%
1988	1,870	777	58.4%	2002	1,248	253	79.7%	2016	959	269	71.9%

- When an individual with an interim-entry permit is issued a permanent permit in the same year, only the permanent permit is counted in the above table.
- 'Permits Fished' is the number of CFEC permits that were used to record commercial landings in that year.

Figure 4-2. Statewide Salmon Hand Troll Permit Latency, 1975-2016



New Entrants into the Statewide Salmon Hand Troll Fishery

New entrants are defined herein as individuals who, for the first time, record a landing on a permanent S05B permit. It is important to note that initial permit holders are not considered new entrants because they needed a proven fishing history prior to 1980 in order to become an initial permit holder of a limited entry permit. Individuals who only make landings on an emergency transfer or interim-entry permit for any given year are not considered in this table.

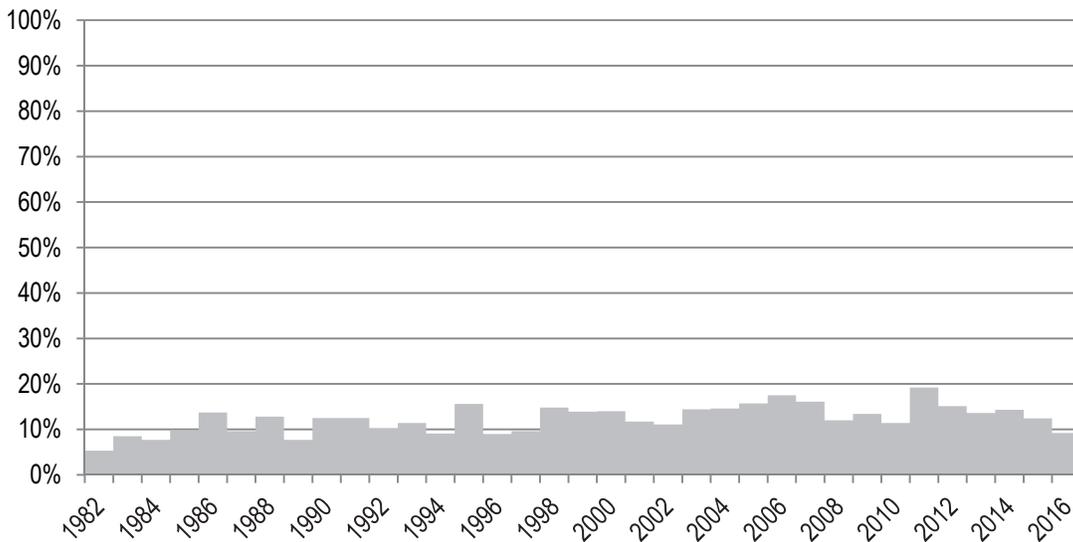
Table 4-6 and Figure 4-3 describe individuals rather than permits. An individual may hold up to two permits in this fishery, but can only fish one of them. An individual may hold one S05B permit one year, and then in subsequent years hold a different S05B permit. Likewise, individuals may enter and exit the fishery multiple times over the years. Individuals are only counted once as a new entrant and only in the year in which they made their first documented landing.

Table 4-6. New Entrants into the Statewide Salmon Hand Troll Fishery, 1975-2016

Individuals															
Year	w/Landings	New	Percent												
1982	451	24	5.3%	1991	704	88	12.5%	2000	314	44	14.0%	2009	367	49	13.4%
1983	937	80	8.5%	1992	650	66	10.2%	2001	308	36	11.7%	2010	343	39	11.4%
1984	845	65	7.7%	1993	613	70	11.4%	2002	253	28	11.1%	2011	381	73	19.2%
1985	877	86	9.8%	1994	550	50	9.1%	2003	270	39	14.4%	2012	358	54	15.1%
1986	802	110	13.7%	1995	463	72	15.6%	2004	322	47	14.6%	2013	368	50	13.6%
1987	760	73	9.6%	1996	413	37	9.0%	2005	356	56	15.7%	2014	349	50	14.3%
1988	783	100	12.8%	1997	385	37	9.6%	2006	377	66	17.5%	2015	322	40	12.4%
1989	690	53	7.7%	1998	304	45	14.8%	2007	379	61	16.1%	2016	271	25	9.2%
1990	702	88	12.5%	1999	338	47	13.9%	2008	382	46	12.0%				

- New Entrants excludes individuals with interim-entry and emergency transfer permits.

Figure 4-3. New Entrants into the Statewide Salmon Hand Troll Fishery, 1975-2016



Age of S05B Permit Holders

Table 4-7. Mean Age of Select CFEC Permit Holders and the General Alaskan Population

Year	S05B	Combined Southeast Salmon	Statewide Salmon Troll	Statewide All Permits	Mean AK Worker Age
1982	43.7	44.2	45.3	40.9	33.6
1983	43.0	43.7	44.2	41.0	33.7
1984	43.9	44.2	44.8	41.3	33.8
1985	44.6	44.6	45.3	41.6	34.0
1986	45.0	44.7	45.5	41.8	34.2
1987	45.8	45.2	46.1	42.1	34.5
1988	46.1	45.4	46.3	42.2	34.9
1989	46.9	46.0	47.0	42.7	35.3
1990	47.5	46.4	47.5	43.0	35.5
1991	47.9	46.8	47.9	43.4	35.9
1992	48.4	47.3	48.5	43.8	36.2
1993	48.9	47.9	49.0	44.2	36.5
1994	49.4	48.3	49.5	44.6	36.7
1995	49.8	48.5	49.6	44.9	37.0
1996	50.5	49.1	50.5	45.3	37.2
1997	51.0	49.6	51.0	45.7	37.4
1998	51.6	50.1	51.6	46.0	37.6
1999	51.8	50.5	52.0	46.4	37.8
2000	52.4	50.8	52.4	46.8	37.9
2001	53.0	51.2	52.8	47.1	38.1
2002	53.7	51.8	53.6	47.7	38.3
2003	54.0	52.3	54.0	48.2	38.4
2004	54.1	52.5	54.0	48.4	38.6
2005	54.2	52.6	54.1	48.6	38.7
2006	54.4	52.7	54.1	48.8	38.8
2007	54.8	53.0	54.3	49.0	38.9
2008	55.2	53.2	54.6	49.2	39.0
2009	55.8	53.6	55.1	49.6	39.1
2010	56.4	53.9	55.5	49.7	39.2
2011	56.7	53.9	55.6	49.9	39.4
2012	56.9	53.9	55.7	50.1	39.4
2013	56.8	53.9	55.7	50.2	39.5
2014	56.9	54.0	55.8	50.4	39.5
2015	57.4	54.4	56.2	50.8	39.5
2016	57.7	54.8	56.7	51.2	39.7

- Mean AK Worker Age is the annual average age of all Alaskans age 16-64 as reported by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.
- Displayed figures are rounded to the nearest 10th. Age data from the CFEC permit file is as of December 31st of each year.

Table 4-7 shows the annual mean age of five different cohorts of people: 1) Statewide salmon hand troll (S05B) permit holders; 2) all five (S01A, S03A, S04D, S05B, and S15B) Southeast Alaska salmon permit holders; 3) statewide salmon troll permit holders 4) all CFEC limited entry permit holders; and 5) the Alaskan worker population.

Some individuals hold permits in more than one fishery; in these cases, the age of the permit holder is counted once for each permit that he or she holds.

The mean age of the general Alaskan worker age population has increased 6.2 years between 1982 and 2016, which represents an 18.3% increase. The percent change in ages over the same period for all CFEC permit holders increased by 25.3% (10.3 years), 25.0% (11.4 years) for the statewide salmon hand and power troll permit holders, and 24.0% (10.6 years) for the combined Southeast Alaska salmon permit holders.

For S05B permit holders, the mean age increased 32.0% (14.0 years).

S05B Permit Value

Many permit transfers are non-monetary transactions (see Table 4-2). Table 4-8 considers solely the arms-length market transactions where permits are sold. CFEC estimated values are expressed in both nominal and real (adjusted for inflation) terms.

Table 4-8. CFEC Estimated Value of Statewide Salmon Hand Troll Permits

Year	S05B Permit Sales	Nominal		Real	
		Permit Value	Standard Deviation	Permit Value	Standard Deviation
1982	34	\$3,828	-	\$9,521	-
1984	70	\$4,732	-	\$10,931	-
1985	90	\$5,109	-	\$11,396	-
1986	109	\$5,297	-	\$11,600	-
1987	93	\$5,620	-	\$11,874	-
1988	100	\$6,503	-	\$13,193	-
1989	67	\$7,423	-	\$14,368	-
1990	98	\$7,684	-	\$14,110	-
1991	81	\$8,400	\$750	\$14,802	\$1,322
1992	70	\$8,500	\$1,050	\$14,541	\$1,796
1993	52	\$7,700	\$600	\$12,789	\$997
1994	63	\$7,400	\$900	\$11,984	\$1,458
1995	78	\$7,500	\$600	\$11,811	\$945
1996	41	\$5,900	\$900	\$9,025	\$1,377
1997	58	\$5,500	\$750	\$8,225	\$1,122
1998	47	\$4,700	\$750	\$6,920	\$1,104
1999	62	\$3,900	\$450	\$5,618	\$648
2000	65	\$4,100	\$650	\$5,714	\$906
2001	59	\$4,100	\$400	\$5,556	\$542
2002	36	\$3,700	\$600	\$4,936	\$800
2003	63	\$3,500	\$400	\$4,565	\$522
2004	65	\$4,100	\$950	\$5,209	\$1,207
2005	72	\$7,200	\$900	\$8,848	\$1,106
2006	76	\$8,600	\$850	\$10,238	\$1,012
2007	74	\$9,500	\$900	\$10,997	\$1,042
2008	59	\$9,900	\$850	\$11,036	\$948
2009	57	\$10,500	\$650	\$11,747	\$727
2010	48	\$9,900	\$600	\$10,897	\$660
2011	81	\$10,400	\$850	\$11,097	\$907
2012	63	\$10,900	\$700	\$11,394	\$732
2013	55	\$10,300	\$550	\$10,612	\$567
2014	71	\$10,800	\$700	\$10,949	\$710
2015	30	\$11,000	\$650	\$11,139	\$658
2016	35	\$10,200	\$850	\$10,200	\$850

- Permit values represent averages of all arms-length sale transactions over the year. Beginning in 1991, additional data from recent months in the preceding year may be included until at least four observations can be averaged.
- The Standard Deviation was not calculated prior to 1991.
- Real permit values were calculated using the 2016 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Statewide Salmon Hand Troll Vessel Characteristics

Table 4-9 reports on various vessel characteristics of the Statewide salmon hand troll fleet since 1978. Reported are the age, length, net tonnage, horsepower, and hold capacity. This data is from the vessel license file which includes voluntarily supplied information on vessels. The first column of each category is the count of vessels with the described characteristics; other statistics reported include the 25th percentile, median, and 75th percentile.

Table 4-9. Statewide Salmon Hand Troll Vessel Characteristics

Year	Vessel Count	Age				Length				Gross Tons				Net Tons				Horsepower				Hold Capacity			
		Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%
1978	2,656	2,232	3	7	13	2,386	18	22	26	889	1	2	6	782	1	2	6	2,289	50	120	188	447	15	40	168
1979	2,292	1,857	3	7	15	1,959	18	22	28	777	1	3	9	695	1	4	8	1,813	50	120	188	468	15	50	192
1980	1,699	1,437	4	8	19	1,500	19	23	28	641	1	4	9	604	1	4	8	1,376	53	115	190	415	20	60	200
1981	1,242	1,040	5	9	21	1,074	19	23	28	435	2	4	9	400	1	5	8	1,010	58	115	188	302	20	74	200
1982	1,115	956	5	10	20	992	19	24	29	420	1	5	10	384	1	4	8	932	60	120	188	282	20	60	180
1983	1,009	888	6	11	24	915	19	24	30	393	2	5	10	364	2	4	8	887	54	115	185	285	25	75	200
1984	899	798	7	12	24	817	19	24	30	374	2	5	11	367	2	5	8	797	60	115	188	256	25	100	208
1985	955	849	7	12	25	872	20	25	31	398	3	6	11	383	2	5	9	851	60	115	188	271	27	100	210
1986	872	797	8	14	24	818	20	26	31	382	3	6	11	377	2	5	8	798	65	115	188	270	36	100	216
1987	817	769	9	14	26	784	21	26	31	375	3	7	12	377	2	5	8	764	69	115	189	261	40	100	250
1988	829	789	10	15	26	798	21	26	32	409	3	7	12	395	2	5	9	779	73	120	190	311	36	100	240
1989	724	701	10	15	27	706	21	26	32	373	4	8	12	350	3	5	9	690	70	120	193	272	40	109	253
1990	793	731	11	17	28	737	21	26	32	397	4	8	12	380	3	5	10	722	70	120	200	275	40	120	288
1991	828	737	11	17	27	744	21	26	32	399	4	8	12	383	3	6	9	731	70	120	188	306	50	142	300
1992	743	676	12	18	30	681	21	27	33	386	4	8	13	367	3	6	10	668	70	120	188	290	40	135	300
1993	697	627	13	20	33	632	21	27	32	354	4	9	13	333	4	6	10	618	66	120	185	264	40	135	300
1994	620	576	12	20	31	580	21	27	32	312	4	9	13	291	3	6	10	563	70	120	197	222	40	148	300
1995	478	473	13	21	34	475	22	28	33	254	5	9	13	244	3	6	9	459	70	120	190	184	50	150	300
1996	430	418	13	22	33	420	22	28	34	229	5	9	13	220	4	6	9	406	73	123	200	160	45	150	300
1997	400	389	15	24	35	393	22	27	32	211	5	8	12	197	3	6	9	380	60	115	195	154	30	108	300
1998	308	305	15	24	35	307	22	26	32	173	4	8	12	164	2	5	9	299	60	120	200	117	40	105	325
1999	343	337	14	22	31	340	22	26	32	177	4	8	12	168	3	6	10	333	70	120	200	126	36	100	300
2000	319	313	14	22	30	317	21	26	32	163	4	8	12	155	2	6	9	308	70	120	200	106	30	110	260
2001	323	311	12	22	31	316	20	25	32	157	3	8	12	143	2	6	9	306	60	118	200	105	30	90	260
2002	253	248	12	22	30	251	20	25	32	125	3	7	12	111	2	5	9	246	60	118	200	87	27	100	300
2003	271	269	13	23	31	270	21	25	31	124	4	7	12	115	2	6	10	265	65	120	200	74	30	74	200
2004	337	335	13	23	31	336	20	25	31	157	3	8	12	144	2	6	10	328	70	140	210	89	30	85	240
2005	369	364	13	24	32	366	21	25	32	182	3	8	12	162	2	6	10	358	75	133	210	101	30	90	230
2006	383	372	13	25	33	379	20	25	32	176	4	8	15	156	3	6	11	367	75	130	213	114	32	116	378
2007	387	380	13	25	34	383	21	26	32	187	3	8	14	165	3	6	10	369	75	130	210	126	30	93	260
2008	396	394	14	26	34	396	21	26	32	202	4	9	15	182	3	7	11	383	70	120	218	142	30	88	250
2009	376	371	14	26	35	376	21	26	32	192	3	8	15	169	3	6	10	358	75	130	225	136	26	75	225
2010	345	342	15	29	36	345	21	26	32	173	4	9	14	156	3	7	11	325	76	140	225	129	27	84	200
2011	384	381	15	28	37	384	21	26	32	192	4	9	14	176	3	7	10	360	76	150	240	137	24	70	200
2012	360	357	15	28	38	360	22	26	32	185	4	9	13	175	3	6	10	333	85	150	250	121	25	70	200
2013	373	370	18	31	39	373	22	27	32	187	4	9	14	179	3	7	11	347	88	150	250	125	25	80	250
2014	367	359	18	30	39	361	22	26	32	184	4	9	14	173	3	5	10	339	90	165	250	126	24	62	200
2015	331	327	17	29	38	329	21	26	32	168	4	9	14	158	3	6	10	308	85	150	250	111	20	50	180
2016	272	269	17	28	38	272	22	26	32	132	4	10	15	125	3	5	10	252	90	176	260	93	20	50	144
Total	7,934					6,483	19	24	31	2,870	2	7	13	2,648	2	5	11	6,142	55	120	200	1,840	25	100	300

• Total includes every vessel used in this fishery from 1978 to 2016.

Table 4-10 provides additional Statewide salmon hand troll vessel characteristics. Included are statistics of engine power type and hull material for each year since 1978.

Table 4-10. Additional Statewide Salmon Hand Troll Vessel Characteristics

Year	Vessel Count	Engine Power				Hull Material					
		Count	Diesel	Gas	Count	Aluminum	Fiberglass	Concrete	Steel	Rubber	Wood
1978	2,656	2,366	358 15.1%	2,008 84.9%	2,379	173 7.3%	1,443 60.7%	0 0.0%	27 1.1%	0 0.0%	736 30.9%
1979	2,292	1,947	383 19.7%	1,564 80.3%	1,936	140 7.2%	1,087 56.1%	5 0.3%	27 1.4%	0 0.0%	677 35.0%
1980	1,699	1,490	376 25.2%	1,114 74.8%	1,485	94 6.3%	824 55.5%	3 0.2%	15 1.0%	0 0.0%	549 37.0%
1981	1,242	1,072	269 25.1%	803 74.9%	1,060	62 5.8%	592 55.8%	1 0.1%	14 1.3%	0 0.0%	391 36.9%
1982	1,115	988	278 28.1%	710 71.9%	985	63 6.4%	552 56.0%	2 0.2%	10 1.0%	0 0.0%	358 36.3%
1983	1,009	908	301 33.1%	607 66.9%	910	48 5.3%	505 55.5%	0 0.0%	8 0.9%	0 0.0%	349 38.4%
1984	899	816	288 35.3%	528 64.7%	815	53 6.5%	450 55.2%	1 0.1%	13 1.6%	0 0.0%	298 36.6%
1985	955	868	324 37.3%	544 62.7%	868	44 5.1%	488 56.2%	3 0.3%	7 0.8%	0 0.0%	326 37.6%
1986	872	808	324 40.1%	484 59.9%	814	51 6.3%	458 56.3%	3 0.4%	7 0.9%	0 0.0%	295 36.2%
1987	817	773	321 41.5%	452 58.5%	780	44 5.6%	438 56.2%	2 0.3%	7 0.9%	0 0.0%	289 37.1%
1988	829	792	344 43.4%	448 56.6%	795	46 5.8%	451 56.7%	4 0.5%	8 1.0%	0 0.0%	286 36.0%
1989	724	701	329 46.9%	372 53.1%	705	47 6.7%	411 58.3%	3 0.4%	5 0.7%	0 0.0%	239 33.9%
1990	793	734	346 47.1%	388 52.9%	734	54 7.4%	403 54.9%	2 0.3%	9 1.2%	1 0.1%	265 36.1%
1991	828	742	359 48.4%	383 51.6%	742	67 9.0%	414 55.8%	2 0.3%	9 1.2%	0 0.0%	250 33.7%
1992	743	680	359 52.8%	321 47.2%	677	64 9.5%	362 53.5%	2 0.3%	13 1.9%	1 0.1%	235 34.7%
1993	697	630	332 52.7%	298 47.3%	627	68 10.8%	321 51.2%	2 0.3%	7 1.1%	0 0.0%	229 36.5%
1994	620	575	314 54.6%	261 45.4%	577	58 10.1%	308 53.4%	6 1.0%	5 0.9%	0 0.0%	200 34.7%
1995	478	467	268 57.4%	199 42.6%	475	49 10.3%	258 54.3%	3 0.6%	3 0.6%	0 0.0%	162 34.1%
1996	430	415	247 59.5%	168 40.5%	420	47 11.2%	232 55.2%	2 0.5%	1 0.2%	0 0.0%	138 32.9%
1997	400	390	226 57.9%	164 42.1%	393	46 11.7%	214 54.5%	2 0.5%	4 1.0%	0 0.0%	127 32.3%
1998	308	305	171 56.1%	134 43.9%	306	35 11.4%	170 55.6%	3 1.0%	2 0.7%	0 0.0%	96 31.4%
1999	343	338	183 54.1%	155 45.9%	339	51 15.0%	196 57.8%	2 0.6%	4 1.2%	0 0.0%	86 25.4%
2000	319	316	158 50.0%	158 50.0%	317	54 17.0%	193 60.9%	2 0.6%	4 1.3%	0 0.0%	64 20.2%
2001	323	315	140 44.4%	175 55.6%	315	66 21.0%	187 59.4%	2 0.6%	4 1.3%	0 0.0%	56 17.8%
2002	253	251	114 45.4%	137 54.6%	250	54 21.6%	154 61.6%	0 0.0%	3 1.2%	0 0.0%	39 15.6%
2003	271	269	122 45.4%	147 54.6%	269	55 20.4%	166 61.7%	0 0.0%	2 0.7%	0 0.0%	46 17.1%
2004	337	334	137 41.0%	197 59.0%	333	74 22.2%	220 66.1%	0 0.0%	2 0.6%	0 0.0%	37 11.1%
2005	369	364	147 40.4%	217 59.6%	365	77 21.1%	240 65.8%	0 0.0%	2 0.5%	0 0.0%	46 12.6%
2006	383	373	152 40.8%	221 59.2%	377	94 24.9%	232 61.5%	0 0.0%	3 0.8%	0 0.0%	48 12.7%
2007	387	381	160 42.0%	221 58.0%	379	93 24.5%	241 63.6%	0 0.0%	2 0.5%	0 0.0%	43 11.3%
2008	396	393	173 44.0%	220 56.0%	390	99 25.4%	241 61.8%	0 0.0%	3 0.8%	0 0.0%	47 12.1%
2009	376	372	155 41.7%	217 58.3%	375	101 26.9%	229 61.1%	1 0.3%	2 0.5%	0 0.0%	42 11.2%
2010	345	344	152 44.2%	192 55.8%	344	87 25.3%	213 61.9%	1 0.3%	2 0.6%	0 0.0%	41 11.9%
2011	384	384	166 43.2%	218 56.8%	383	109 28.5%	227 59.3%	0 0.0%	3 0.8%	0 0.0%	44 11.5%
2012	360	359	157 43.7%	202 56.3%	358	97 27.1%	217 60.6%	0 0.0%	3 0.8%	0 0.0%	41 11.5%
2013	373	371	176 47.4%	195 52.6%	373	91 24.4%	236 63.3%	0 0.0%	3 0.8%	0 0.0%	43 11.5%
2014	367	360	154 42.8%	206 57.2%	361	96 26.6%	227 62.9%	0 0.0%	2 0.6%	0 0.0%	36 10.0%
2015	331	327	136 41.6%	191 58.4%	329	95 28.9%	199 60.5%	0 0.0%	4 1.2%	0 0.0%	31 9.4%
2016	272	270	112 41.5%	158 58.5%	272	84 30.9%	161 59.2%	0 0.0%	1 0.4%	0 0.0%	26 9.6%
Total	7,934	6,418	2,032 31.7%	4,386 68.3%	6,428	981 15.3%	3,484 54.2%	17 0.3%	112 1.7%	2 0.0%	1,832 28.5%

- Total includes every vessel used in this fishery from 1978 to 2016.

Participation and Earnings

Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 4-4 are for both nominal and real dollars using the 2016 Consumer Price Index from the U.S. Bureau of Labor Statistics.

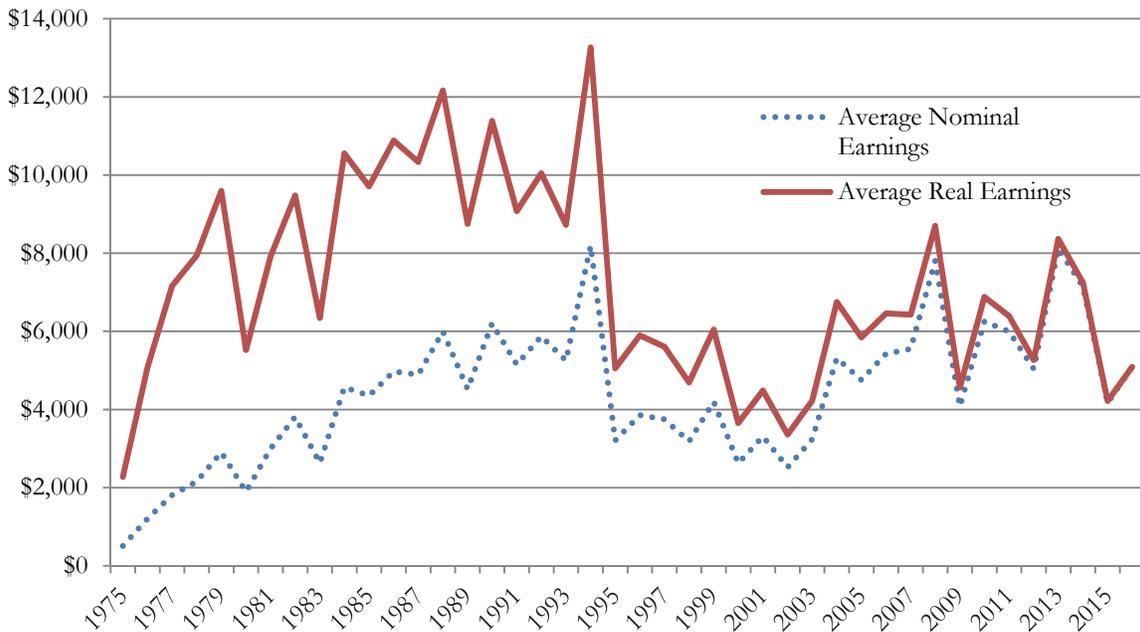
Permit counts include interim-entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held for the Statewide salmon hand troll fishery was in 2010; however, as of November 30, 2017 there were still four outstanding permits not yet fully adjudicated. Some individuals made landings on both an interim-entry permit and subsequently on their newly issued permanent permit in the same year; for these instances, only the permanent permit is counted in this report.

Table 4-11 reports the number of permits issued, permits and vessels with landings, and estimated gross earnings in the Statewide salmon hand troll fishery from 1975 to 2016. Note that the figures by permit in this table span the entire year, regardless of who held the permit or however many times the permit was transferred.

Table 4-12 reports the number of permit holders (people) and estimated real (inflation-adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Table 4-13 breaks out participation and earnings by ADF&G salmon management area with real ex-vessel values. Note that some permits are used to record landings in more than one district.

Figure 4-4. Estimated Nominal and Real Average Gross Earnings Per Statewide Salmon Hand Troll Permit



- Real earnings are adjusted for inflation using the 2016 U.S. Bureau of Labor Statistics Consumer Price Index.

Table 4-11. Estimated Total Gross Earnings (Real and Nominal) for the Statewide Salmon Hand Troll Fishery, With Average Earnings (Real) by Permit and Vessel, 1975-2016

Year	Viable Permits	Total Gross Earnings		Permits With Landings	Average Real Earnings	Vessels With Landings	Average Real Vessel Earnings
		Nominal	Real				
1975	2,088	\$557,458	\$2,486,874	1,092	\$2,277	1,138	\$2,185
1976	2,082	\$1,491,007	\$6,289,140	1,238	\$5,080	1,267	\$4,964
1977	2,953	\$3,320,440	\$13,150,642	1,836	\$7,163	1,910	\$6,885
1978	3,923	\$5,662,208	\$20,843,090	2,624	\$7,943	2,656	\$7,848
1979	3,702	\$6,407,285	\$21,181,725	2,207	\$9,598	2,292	\$9,242
1980	2,436	\$3,160,358	\$9,205,194	1,667	\$5,522	1,699	\$5,418
1981	2,048	\$3,458,925	\$9,132,742	1,153	\$7,921	1,242	\$7,353
1982	1,909	\$4,065,858	\$10,112,274	1,067	\$9,477	1,115	\$9,069
1983	2,150	\$2,488,900	\$5,997,524	946	\$6,340	1,009	\$5,944
1984	2,147	\$3,928,661	\$9,075,132	860	\$10,552	899	\$10,095
1985	2,030	\$3,931,688	\$8,769,820	903	\$9,712	955	\$9,183
1986	1,983	\$3,995,291	\$8,749,069	804	\$10,882	872	\$10,033
1987	1,937	\$3,730,839	\$7,882,284	763	\$10,331	817	\$9,648
1988	1,870	\$4,658,521	\$9,451,207	777	\$12,164	829	\$11,401
1989	1,817	\$3,136,685	\$6,071,180	694	\$8,748	724	\$8,386
1990	1,782	\$4,333,431	\$7,957,566	699	\$11,384	793	\$10,035
1991	1,741	\$3,605,726	\$6,353,888	700	\$9,077	828	\$7,674
1992	1,688	\$3,787,622	\$6,479,372	645	\$10,046	743	\$8,721
1993	1,634	\$3,151,552	\$5,234,564	600	\$8,724	697	\$7,510
1994	1,579	\$4,480,066	\$7,255,379	547	\$13,264	620	\$11,702
1995	1,540	\$1,475,793	\$2,324,151	460	\$5,053	478	\$4,862
1996	1,501	\$1,588,320	\$2,429,624	412	\$5,897	430	\$5,650
1997	1,459	\$1,450,661	\$2,169,277	387	\$5,605	400	\$5,423
1998	1,409	\$968,027	\$1,425,357	304	\$4,689	308	\$4,628
1999	1,370	\$1,418,134	\$2,042,990	338	\$6,044	343	\$5,956
2000	1,329	\$825,476	\$1,150,523	315	\$3,652	319	\$3,607
2001	1,295	\$1,016,462	\$1,377,515	307	\$4,487	323	\$4,265
2002	1,248	\$637,210	\$850,110	253	\$3,360	253	\$3,360
2003	1,189	\$857,588	\$1,118,626	265	\$4,221	271	\$4,128
2004	1,140	\$1,721,276	\$2,186,968	324	\$6,750	337	\$6,490
2005	1,108	\$1,677,969	\$2,062,080	353	\$5,842	369	\$5,588
2006	1,105	\$2,012,051	\$2,395,369	371	\$6,457	383	\$6,254
2007	1,083	\$2,081,271	\$2,409,158	375	\$6,424	387	\$6,225
2008	1,065	\$2,927,252	\$3,263,127	375	\$8,702	396	\$8,240
2009	1,055	\$1,484,584	\$1,660,835	364	\$4,563	376	\$4,417
2010	1,044	\$2,119,468	\$2,332,829	339	\$6,882	345	\$6,762
2011	1,037	\$2,228,868	\$2,378,173	372	\$6,393	384	\$6,193
2012	1,019	\$1,777,713	\$1,858,339	353	\$5,264	360	\$5,162
2013	1,002	\$2,939,614	\$3,028,575	362	\$8,366	373	\$8,120
2014	992	\$2,472,578	\$2,506,742	346	\$7,245	367	\$6,830
2015	978	\$1,315,661	\$1,332,259	316	\$4,216	331	\$4,025
2016	959	\$1,369,390	\$1,369,390	269	\$5,091	272	\$5,035

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year..

Table 4-12. Estimated Real Gross Earnings for Permit Holders in the Statewide Salmon Hand Troll Fishery by Resident Type, 1975-2016

Year	Local			Nonlocal			Nonresident			Total		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	1,043	\$2,190	\$2,284,042	7	\$336	\$2,355	43	\$4,662	\$200,477	1,093	\$2,275	\$2,486,874
1976	1,190	\$4,977	\$5,922,410	5	\$2,348	\$11,740	43	\$8,256	\$354,990	1,238	\$5,080	\$6,289,140
1977	1,753	\$6,910	\$12,113,888	12	\$9,816	\$117,794	71	\$12,943	\$918,960	1,836	\$7,163	\$13,150,642
1978	2,394	\$7,559	\$18,097,094	30	\$9,714	\$291,434	202	\$12,151	\$2,454,562	2,626	\$7,937	\$20,843,090
1979	1,919	\$8,937	\$17,149,735	47	\$8,859	\$416,364	240	\$15,065	\$3,615,626	2,206	\$9,602	\$21,181,725
1980	1,484	\$5,165	\$7,664,332	31	\$9,345	\$289,698	152	\$8,231	\$1,251,164	1,667	\$5,522	\$9,205,194
1981	1,060	\$7,454	\$7,901,209	20	\$13,422	\$268,446	73	\$13,193	\$963,087	1,153	\$7,921	\$9,132,742
1982	990	\$8,957	\$8,867,527	13	\$9,589	\$124,653	65	\$17,232	\$1,120,095	1,068	\$9,468	\$10,112,274
1983	877	\$6,130	\$5,375,832	17	\$7,872	\$133,831	58	\$8,411	\$487,860	952	\$6,300	\$5,997,524
1984	800	\$10,323	\$8,258,020	7	\$11,587	\$81,112	54	\$13,630	\$736,000	861	\$10,540	\$9,075,132
1985	828	\$9,523	\$7,884,816	12	\$6,923	\$83,080	68	\$11,793	\$801,924	908	\$9,658	\$8,769,820
1986	747	\$10,259	\$7,663,817	11	\$9,927	\$109,199	58	\$16,828	\$976,053	816	\$10,722	\$8,749,069
1987	683	\$9,794	\$6,689,243	12	\$10,583	\$126,993	73	\$14,603	\$1,066,049	768	\$10,263	\$7,882,284
1988	695	\$11,096	\$7,711,555	20	\$19,082	\$381,630	73	\$18,603	\$1,358,022	788	\$11,994	\$9,451,207
1989	610	\$8,273	\$5,046,790	16	\$6,262	\$100,200	70	\$13,203	\$924,190	696	\$8,723	\$6,071,180
1990	637	\$10,927	\$6,960,718	15	\$10,384	\$155,766	56	\$15,019	\$841,082	708	\$11,239	\$7,957,566
1991	638	\$8,721	\$5,563,883	15	\$8,735	\$131,019	57	\$11,561	\$658,985	710	\$8,949	\$6,353,888
1992	580	\$9,910	\$5,748,075	13	\$9,661	\$125,594	62	\$9,769	\$605,703	655	\$9,892	\$6,479,372
1993	556	\$8,344	\$4,639,541	16	\$9,367	\$149,868	46	\$9,677	\$445,155	618	\$8,470	\$5,234,564
1994	498	\$13,187	\$6,566,926	11	\$9,530	\$104,825	43	\$13,573	\$583,628	552	\$13,144	\$7,255,379
1995	416	\$4,973	\$2,068,723	10	\$2,641	\$26,407	40	\$5,726	\$229,022	466	\$4,987	\$2,324,151
1996	375	\$5,808	\$2,177,860	10	\$1,909	\$19,091	31	\$7,506	\$232,673	416	\$5,840	\$2,429,624
1997	346	\$5,527	\$1,912,491	10	\$2,605	\$26,054	31	\$7,443	\$230,732	387	\$5,605	\$2,169,277
1998	273	\$4,528	\$1,236,210	5	\$1,401	\$7,007	28	\$6,505	\$182,141	306	\$4,658	\$1,425,357
1999	310	\$5,737	\$1,778,407	5	\$3,446	\$17,228	25	\$9,894	\$247,354	340	\$6,009	\$2,042,990
2000	284	\$3,464	\$983,668	4	\$1,868	\$7,470	28	\$5,692	\$159,384	316	\$3,641	\$1,150,523
2001	281	\$4,528	\$1,272,292	7	\$930	\$6,507	21	\$4,701	\$98,717	309	\$4,458	\$1,377,515
2002	232	\$3,320	\$770,266	1-3	confidential	confidential	**	confidential	confidential	254	\$3,347	\$850,110
2003	249	\$4,092	\$1,018,989	1-3	confidential	confidential	**	confidential	confidential	270	\$4,143	\$1,118,626
2004	297	\$6,943	\$2,062,174	4	\$549	\$2,196	23	\$5,330	\$122,597	324	\$6,750	\$2,186,968
2005	314	\$5,944	\$1,866,387	9	\$1,189	\$10,701	34	\$5,441	\$184,992	357	\$5,776	\$2,062,080
2006	342	\$6,374	\$2,179,979	11	\$5,607	\$61,679	24	\$6,405	\$153,710	377	\$6,354	\$2,395,369
2007	337	\$6,395	\$2,155,179	11	\$4,926	\$54,186	32	\$6,244	\$199,793	380	\$6,340	\$2,409,158
2008	340	\$8,595	\$2,922,356	7	\$16,533	\$115,731	35	\$6,430	\$225,040	382	\$8,542	\$3,263,127
2009	321	\$4,584	\$1,471,481	10	\$5,105	\$51,048	36	\$3,842	\$138,306	367	\$4,525	\$1,660,835
2010	306	\$6,748	\$2,064,828	5	\$15,784	\$78,919	33	\$5,730	\$189,081	344	\$6,781	\$2,332,829
2011	334	\$6,435	\$2,149,409	9	\$6,222	\$56,001	38	\$4,546	\$172,764	381	\$6,242	\$2,378,173
2012	321	\$5,396	\$1,732,230	6	\$2,278	\$13,671	31	\$3,627	\$112,439	358	\$5,191	\$1,858,339
2013	331	\$8,396	\$2,778,917	6	\$3,237	\$19,424	31	\$7,427	\$230,234	368	\$8,230	\$3,028,575
2014	314	\$7,297	\$2,291,161	5	\$9,013	\$45,064	30	\$5,684	\$170,517	349	\$7,183	\$2,506,742
2015	283	\$4,321	\$1,222,786	8	\$5,234	\$41,875	31	\$2,181	\$67,598	322	\$4,137	\$1,332,259
2016	246	\$5,064	\$1,245,842	6	\$6,858	\$41,146	19	\$4,337	\$82,403	271	\$5,053	\$1,369,390

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year. Note that these counts are for individuals, not permits.

Table 4-13. Gross Real Earnings for the Statewide Salmon Hand Troll Fishery by ADF&G Salmon Management Area, 1975 to 2016

Year	Juneau Area				Ketchikan Area				Petersburg Area				Sitka Area				Yakutat Area				Total	
	Permits		Real Value		Permits		Real Value		Permits		Real Value		Permits		Real Value		Permits		Real Value		Permits	Real Value
1975	365	33.4%	\$527,400	21.2%	396	36.3%	\$1,065,599	42.8%	324	29.7%	\$561,361	22.6%	141	12.9%	\$280,848	11.3%	24	2.2%	\$51,667	2.1%	1,092	\$2,486,874
1976	458	37.0%	\$2,121,565	33.7%	387	31.3%	\$1,520,223	24.2%	347	28.0%	\$1,308,902	20.8%	186	15.0%	\$1,104,355	17.6%	27	2.2%	\$234,096	3.7%	1,238	\$6,289,140
1977	866	47.2%	\$5,964,806	45.4%	451	24.6%	\$2,420,652	18.4%	423	23.0%	\$2,186,513	16.6%	312	17.0%	\$1,861,672	14.2%	78	4.2%	\$717,000	5.5%	1,836	\$13,150,642
1978	1262	48.1%	\$9,041,229	43.4%	612	23.3%	\$3,881,228	18.6%	634	24.2%	\$3,404,984	16.3%	433	16.5%	\$2,924,372	14.0%	173	6.6%	\$1,591,277	7.6%	2,624	\$20,843,090
1979	726	32.9%	\$3,554,993	16.8%	611	27.7%	\$6,014,595	28.4%	737	33.4%	\$6,567,663	31.0%	537	24.3%	\$4,218,142	19.9%	119	5.4%	\$826,332	3.9%	2,207	\$21,181,725
1980	600	36.0%	\$2,150,498	23.4%	499	29.9%	\$2,823,941	30.7%	602	36.1%	\$2,512,906	27.3%	350	21.0%	\$1,366,248	14.8%	116	7.0%	\$351,602	3.8%	1,667	\$9,205,194
1981	442	38.3%	\$2,671,130	29.2%	328	28.4%	\$2,163,791	23.7%	416	36.1%	\$2,508,218	27.5%	200	17.3%	\$902,913	9.9%	222	19.3%	\$886,690	9.7%	1,153	\$9,132,742
1982	384	36.0%	\$2,495,857	24.7%	294	27.6%	\$2,556,310	25.3%	369	34.6%	\$2,628,328	26.0%	228	21.4%	\$1,381,894	13.7%	168	15.7%	\$1,049,886	10.4%	1,067	\$10,112,274
1983	312	33.0%	\$1,438,243	24.0%	265	28.0%	\$1,688,702	28.2%	326	34.5%	\$1,399,928	23.3%	201	21.2%	\$1,010,791	16.9%	75	7.9%	\$459,860	7.7%	946	\$5,997,524
1984	298	34.7%	\$2,285,216	25.2%	233	27.1%	\$2,132,385	23.5%	301	35.0%	\$1,874,036	20.7%	194	22.6%	\$1,700,446	18.7%	81	9.4%	\$1,083,050	11.9%	860	\$9,075,132
1985	352	39.0%	\$2,168,402	24.7%	239	26.5%	\$2,171,642	24.8%	301	33.3%	\$1,709,631	19.5%	218	24.1%	\$1,481,067	16.9%	111	12.3%	\$1,239,079	14.1%	903	\$8,769,820
1986	273	34.0%	\$1,243,759	14.2%	229	28.5%	\$2,188,902	25.0%	288	35.8%	\$2,265,038	25.9%	237	29.5%	\$2,525,641	28.9%	70	8.7%	\$525,729	6.0%	804	\$8,749,069
1987	263	34.5%	\$1,775,496	22.5%	225	29.5%	\$1,996,678	25.3%	295	38.7%	\$1,924,405	24.4%	206	27.0%	\$1,597,851	20.3%	85	11.1%	\$587,855	7.5%	763	\$7,882,284
1988	294	37.8%	\$2,683,848	28.4%	215	27.7%	\$2,112,081	22.3%	287	36.9%	\$2,212,298	23.4%	173	22.0%	\$1,585,042	16.8%	52	6.7%	\$857,938	9.1%	777	\$9,451,207
1989	268	38.6%	\$1,558,915	25.7%	167	24.1%	\$1,331,204	21.9%	257	37.0%	\$1,493,778	24.6%	190	27.4%	\$1,326,528	21.8%	50	7.2%	\$360,755	5.9%	694	\$6,071,180
1990	271	38.8%	\$1,853,323	23.3%	185	26.5%	\$1,693,768	21.3%	247	35.3%	\$2,393,781	30.1%	200	28.6%	\$1,603,237	20.1%	51	7.3%	\$413,457	5.2%	699	\$7,957,566
1991	236	33.7%	\$1,371,620	21.6%	196	28.0%	\$1,530,901	24.1%	251	35.9%	\$1,670,710	26.3%	215	30.7%	\$1,632,079	25.7%	37	5.3%	\$148,578	2.3%	700	\$6,353,888
1992	235	36.4%	\$1,520,888	23.5%	180	27.9%	\$1,111,704	17.2%	215	33.3%	\$1,793,533	27.7%	209	32.4%	\$1,611,010	24.9%	57	8.8%	\$442,238	6.8%	645	\$6,479,372
1993	214	35.7%	\$1,008,372	19.3%	176	29.3%	\$1,104,742	21.1%	213	35.5%	\$1,384,307	26.4%	182	30.3%	\$1,285,282	24.6%	48	8.0%	\$451,860	8.6%	600	\$5,234,564
1994	200	36.6%	\$1,817,614	25.1%	137	25.0%	\$1,258,789	17.3%	192	35.1%	\$1,538,728	21.2%	149	27.2%	\$1,794,154	24.7%	58	10.6%	\$846,094	11.7%	547	\$7,255,379
1995	148	32.2%	\$410,556	17.7%	117	25.4%	\$346,901	14.9%	174	37.8%	\$673,590	29.0%	143	31.1%	\$679,367	29.2%	47	10.2%	\$213,737	9.2%	460	\$2,324,151
1996	137	33.3%	\$316,734	13.0%	94	22.8%	\$380,764	15.7%	164	39.8%	\$699,208	28.8%	120	29.1%	\$682,623	28.1%	43	10.4%	\$350,296	14.4%	412	\$2,429,624
1997	113	29.2%	\$244,256	11.3%	99	25.6%	\$372,295	17.2%	122	31.5%	\$419,273	19.3%	127	32.8%	\$841,839	38.8%	39	10.1%	\$291,614	13.4%	387	\$2,169,277
1998	97	31.9%	\$249,722	17.5%	74	24.3%	\$190,898	13.4%	87	28.6%	\$329,563	23.1%	107	35.2%	\$436,263	30.6%	36	11.8%	\$218,913	15.4%	304	\$1,425,357
1999	116	34.3%	\$498,989	24.4%	74	21.9%	\$379,485	18.6%	100	29.6%	\$414,574	20.3%	84	24.9%	\$452,173	22.1%	43	12.7%	\$297,769	14.6%	338	\$2,042,990
2000	84	26.7%	\$197,271	17.1%	62	19.7%	\$146,700	12.8%	93	29.5%	\$214,159	18.6%	99	31.4%	\$445,746	38.7%	50	15.9%	\$146,647	12.7%	315	\$1,150,523
2001	81	26.4%	\$261,507	19.0%	65	21.2%	\$264,594	19.2%	84	27.4%	\$246,927	17.9%	85	27.7%	\$324,197	23.5%	50	16.3%	\$280,289	20.3%	307	\$1,377,515
2002	52	20.6%	\$139,946	16.5%	46	18.2%	\$146,636	17.2%	76	30.0%	\$180,536	21.2%	73	28.9%	\$189,381	22.3%	51	20.2%	\$193,610	22.8%	253	\$850,110
2003	61	23.0%	\$219,660	19.6%	65	24.5%	\$248,940	22.3%	82	30.9%	\$166,285	14.9%	55	20.8%	\$174,856	15.6%	47	17.7%	\$308,885	27.6%	265	\$1,118,626
2004	72	22.2%	\$296,805	13.6%	53	16.4%	\$296,456	13.6%	108	33.3%	\$430,017	19.7%	79	24.4%	\$499,593	22.8%	67	20.7%	\$664,097	30.4%	324	\$2,186,968
2005	79	22.4%	\$329,679	16.0%	72	20.4%	\$360,333	17.5%	121	34.3%	\$429,352	20.8%	76	21.5%	\$423,760	20.6%	64	18.1%	\$518,956	25.2%	353	\$2,062,080
2006	91	24.5%	\$582,947	24.3%	68	18.3%	\$307,770	12.8%	139	37.5%	\$437,794	18.3%	100	27.0%	\$618,648	25.8%	67	18.1%	\$448,210	18.7%	371	\$2,395,369
2007	84	22.4%	\$296,954	12.3%	77	20.5%	\$391,488	16.3%	139	37.1%	\$569,180	23.6%	101	26.9%	\$743,943	30.9%	64	17.1%	\$407,593	16.9%	375	\$2,409,158
2008	76	20.3%	\$402,502	12.3%	80	21.3%	\$547,964	16.8%	143	38.1%	\$740,227	22.7%	97	25.9%	\$1,040,000	31.9%	56	14.9%	\$532,434	16.3%	375	\$3,263,127
2009	80	22.0%	\$201,170	12.1%	85	23.4%	\$375,981	22.6%	137	37.6%	\$350,420	21.1%	101	27.7%	\$471,283	28.4%	59	16.2%	\$261,981	15.8%	364	\$1,660,835
2010	70	20.6%	\$233,577	10.0%	95	28.0%	\$570,446	24.5%	124	36.6%	\$386,818	16.6%	95	28.0%	\$520,745	22.3%	61	18.0%	\$621,242	26.6%	339	\$2,332,829
2011	73	19.6%	\$345,457	14.5%	110	29.6%	\$838,237	35.2%	127	34.1%	\$398,564	16.8%	98	26.3%	\$490,790	20.6%	47	12.6%	\$305,124	12.8%	372	\$2,378,173
2012	73	20.7%	\$130,442	7.0%	104	29.5%	\$548,509	29.5%	113	32.0%	\$373,095	20.1%	99	28.0%	\$525,539	28.3%	41	11.6%	\$280,754	15.1%	353	\$1,858,339
2013	82	22.7%	\$330,287	10.9%	102	28.2%	\$815,826	26.9%	122	33.7%	\$641,028	21.2%	104	28.7%	\$751,189	24.8%	45	12.4%	\$490,246	16.2%	362	\$3,028,575
2014	66	19.1%	\$177,368	7.1%	92	26.6%	\$626,398	25.0%	118	34.1%	\$482,544	19.2%	115	33.2%	\$890,022	35.5%	40	11.6%	\$330,410	13.2%	346	\$2,506,742
2015	63	19.9%	\$128,423	9.6%	85	26.9%	\$322,143	24.2%	102	32.3%	\$296,008	22.2%	87	27.5%	\$294,188	22.1%	46	14.6%	\$291,496	21.9%	316	\$1,332,259
2016	44	16.4%	\$100,416	7.3%	78	29.0%	\$356,563	26.0%	79	29.4%	\$332,611	24.3%	82	30.5%	\$360,157	26.3%	41	15.2%	\$219,643	16.0%	269	\$1,369,390

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Some Permits are used to record landings in more than one district.
- When fewer than four permits make landings, earnings in another column are masked due to reasons of confidentiality.

Chapter 5 Statewide Salmon Power Troll

S15B Permit Holdings

Limited entry permits for the Statewide salmon power troll (S15B permits) were issued starting in 1975. Table 5-1 indicates the initial distribution and historical net changes in permit holdings for the fishery. CFEC has issued 972 S15B permits. Of this total, Alaska Locals received 69.4% (675/972) of the permits, Nonlocal Alaskans received 1.6% (16/972) of the permits, and Nonresidents received 28.9% (281/972). Every permit issued was a transferable permit.

Table 5-1. Initial Issuance and Year-end 2016 Totals of Statewide Salmon Power Troll Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

INITIAL ISSUE			TRANSFERS		MIGRATIONS		CANCELLED		2016 YEAR-END	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percentage
Local	675	69.4%	207	30.7%	-114	-16.9%	-7	-1.0%	761	79.2%
Nonlocal	16	1.6%	-4	-25.0%	14	87.5%	-1	-6.3%	25	2.6%
Nonresident	281	28.9%	-203	-72.2%	100	35.6%	-3	-1.1%	175	18.2%
Total	972	100.0%	0	0.0%	0	0.0%	-11	-1.1%	961	100.0%

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled (such as when a permit holder does not pay the renewal fee for two consecutive years). This table indicates the extent to which these factors have contributed to net changes in permit holdings in this fishery. Transfers have had the largest change of permit holdings in this fishery.

Transfers of S15B Permits

Under the Limited Entry Act's terms of free transferability, permits may be sold, traded, given away, or inherited. CFEC requires the completion of a survey with each transfer.¹¹ The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

Table 5-2. Transfer Acquisition Methods for Statewide Salmon Power Troll Permits, 1980-2016

Acquisition Method	S15B Permit		Combined Southeast Salmon		Statewide Salmon Troll		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Gift</i>	361	14.1%	1,783	20.5%	806	14.6%	13,386	36.3%
<i>Sale</i>	2,121	82.7%	6,631	76.2%	4,526	82.2%	21,761	59.0%
<i>Trade</i>	41	1.6%	144	1.7%	100	1.8%	511	1.4%
<i>Other</i>	41	1.6%	144	1.7%	73	1.3%	1,215	3.3%
Total	2,564		8,702		5,505		36,873	

Table 5-2 compares and contrasts transfer acquisition methods for the S15B permits, all five Southeast Alaska salmon permit types combined, statewide salmon troll permits, and all limited entry permits between 1980 and 2016. More than four-fifths of all S15B permit transfers were sales (82.7%, or 2,121/2,564), about one in eight were transferred as gifts (14.1% or 361/2,564), and a smaller percentage were trades (1.6% or 41/2,564) or other (1.6% or 41/2,564). The annual acquisition methods for S15B permits have not changed substantially throughout the time period.¹²

Table 5-3. Relationships of Transferor to Transfer Recipients for Statewide Salmon Power Troll Permits, 1980-2016

Relationship	S15B Permit		Combined Southeast Salmon		Statewide Salmon Troll		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Business Partner/Friend</i>	495	19.3%	1,756	20.2%	1,127	20.5%	6,801	18.4%
<i>Member of Immediate Family</i>	408	15.9%	1,803	20.7%	895	16.3%	12,468	33.8%
<i>Other Relative</i>	43	1.7%	232	2.7%	107	1.9%	1,707	4.6%
<i>Other</i>	1,618	63.1%	4,911	56.4%	3,376	61.3%	15,897	43.1%
Total	2,564		8,702		5,505		36,873	

Table 5-3 shows the relationships between the transferors and transfer recipients for S15B permits, and compares and contrasts S15B permit transfers with all five Southeast Alaska salmon permit types combined, statewide salmon troll permits, and all limited entry permits from 1980 to 2016. Transfers within the family, both immediate family members and other relatives, total 17.6% (451/2,564) of all transfers. This compares to 23.4% (2,035/8,702) for all five Southeast Alaska salmon permit types combined, 18.2% (1,002/5,505) for statewide hand and power troll permits, and 38.4% (14,175/36,873) for all limited entry permits statewide.

¹¹ CFEC implemented the transfer survey in 1980.

¹² See *Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975-2016*, CFEC Report No. 17-1N.

Emergency Transfers of S15B Permits

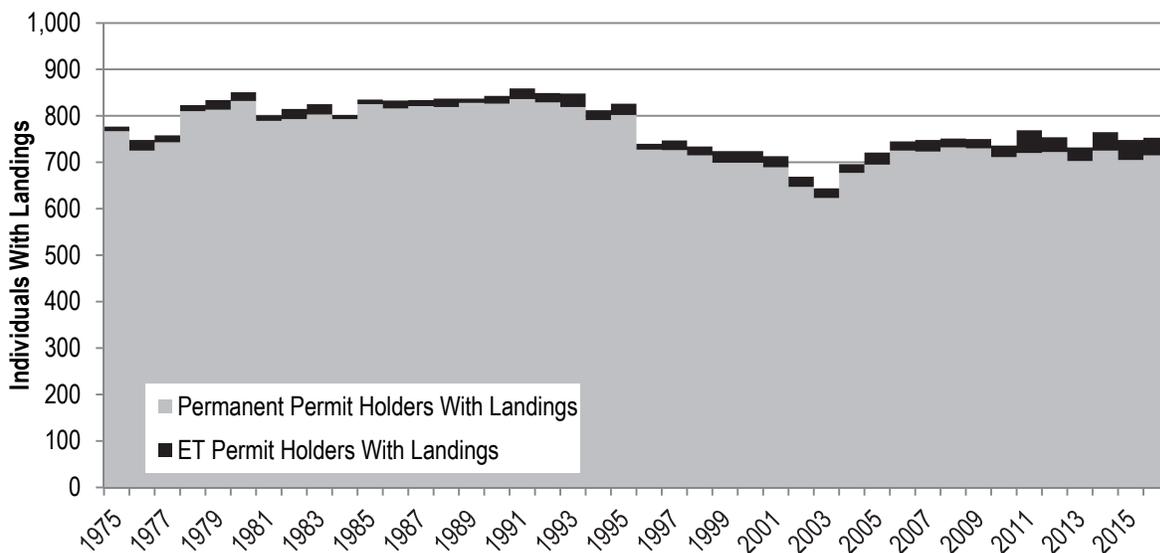
Commercial landings can be made with either permanently-held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, and unforeseen nature prevents the permanent permit holder from participating in the fishery. “Hardship” does not include the results of a permit holder’s own economic decisions, or the results of economic, biological or regulatory variables which are normally part of the risk of doing business as a fisherman. At the end of the year, ET permits automatically revert back to the permanent permit holder.

Table 5-4 and Figure 5-1 show the total number of individuals who recorded landings each year, and of that group, the number of individuals who made landings with ET permits. Some individuals who made landings with ET permits also made landings with permanent permits in the same year.

Table 5-4. Use of Emergency Transfer Permits in the Statewide Salmon Power Troll, 1975-2016

Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET	Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET	Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET
1975	777	10	1.3%	1989	837	9	1.1%	2003	644	21	3.3%
1976	748	23	3.1%	1990	843	17	2.0%	2004	696	19	2.7%
1977	758	15	2.0%	1991	859	23	2.7%	2005	721	26	3.6%
1978	823	13	1.6%	1992	849	20	2.4%	2006	745	20	2.7%
1979	834	21	2.5%	1993	848	29	3.4%	2007	748	25	3.3%
1980	851	19	2.2%	1994	812	21	2.6%	2008	751	19	2.5%
1981	801	12	1.5%	1995	826	24	2.9%	2009	750	20	2.7%
1982	815	22	2.7%	1996	740	13	1.8%	2010	736	25	3.4%
1983	825	22	2.7%	1997	747	21	2.8%	2011	769	49	6.4%
1984	802	9	1.1%	1998	734	19	2.6%	2012	754	32	4.2%
1985	835	10	1.2%	1999	724	25	3.5%	2013	732	29	4.0%
1986	833	17	2.0%	2000	724	25	3.5%	2014	765	40	5.2%
1987	834	13	1.6%	2001	713	24	3.4%	2015	748	43	5.7%
1988	837	18	2.2%	2002	669	22	3.3%	2016	753	38	5.0%

Figure 5-1. Use of Emergency Transfer Permits in the Statewide Salmon Power Troll, 1975-2016



Latent S15B Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they actually fish. Permits that are not used (don't record landings) in a given year are referred to herein as "latent" permits for that year.

Table 5-5 indicates the total number of viable S15B permits issued each year, the number of permits fished (with commercial landings), and the rate of permit latency. Viable permits include both interim entry and permanent permits. Note that for this table, in years when a single individual held an interim-entry permit and was also issued a permanent permit, only the permanent permit is counted. The rate of latency is depicted in Figure 5-2.

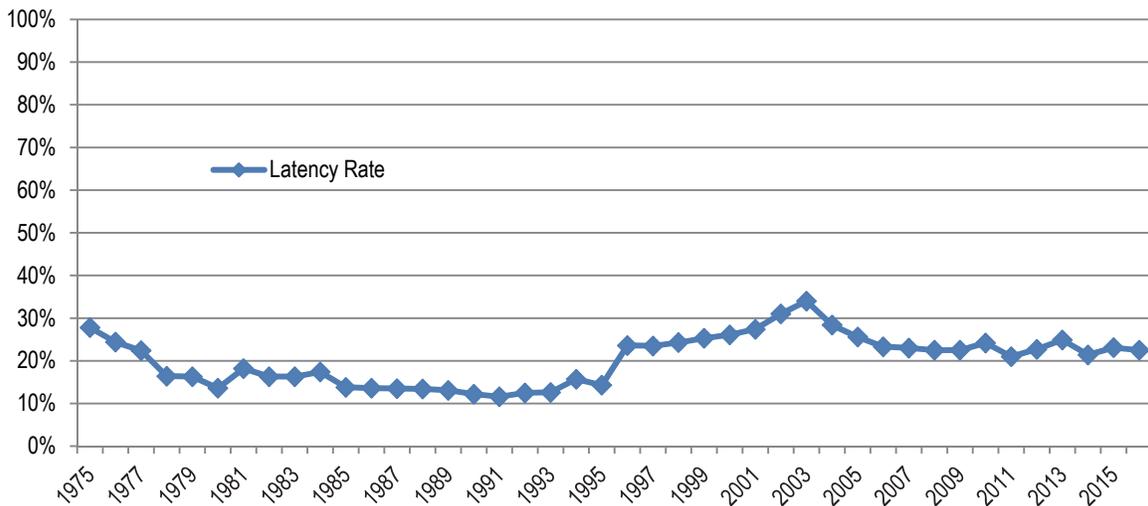
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

Table 5-5. Statewide Salmon Power Troll Permit Latency, 1975-2016

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	1,049	757	27.8%	1989	955	830	13.1%	2003	965	637	34.0%
1976	979	740	24.4%	1990	956	839	12.2%	2004	961	688	28.4%
1977	966	750	22.4%	1991	958	847	11.6%	2005	961	715	25.6%
1978	976	816	16.4%	1992	957	837	12.5%	2006	961	737	23.3%
1979	978	819	16.3%	1993	956	836	12.6%	2007	961	740	23.0%
1980	974	842	13.6%	1994	954	804	15.7%	2008	961	745	22.5%
1981	970	793	18.2%	1995	954	818	14.3%	2009	961	745	22.5%
1982	968	810	16.3%	1996	965	737	23.6%	2010	962	729	24.2%
1983	968	810	16.3%	1997	967	740	23.5%	2011	962	760	21.0%
1984	963	795	17.4%	1998	967	732	24.3%	2012	961	743	22.7%
1985	963	830	13.8%	1999	965	721	25.3%	2013	961	722	24.9%
1986	957	827	13.6%	2000	963	712	26.1%	2014	962	756	21.4%
1987	957	828	13.5%	2001	965	701	27.4%	2015	962	740	23.1%
1988	956	828	13.4%	2002	965	666	31.0%	2016	961	745	22.5%

- When an individual with an interim-entry permit is issued a permanent permit in the same year, only the permanent permit is counted in the above table.
- 'Permits Fished' is the number of CFEC permits that were used to record commercial landings in that year.

Figure 5-2. Statewide Salmon Power Troll Permit Latency, 1975-2016



New Entrants into the Statewide Salmon Power Troll

New entrants are defined herein as individuals who, for the first time, record a landing on a permanent S15B permit. It is important to note that initial permit holders are not considered new entrants because they needed a proven fishing history prior to 1975 in order to become an initial permit holder of a limited entry permit. Individuals who only make landings on an emergency transfer or interim-entry permit for any given year are not considered in this table.

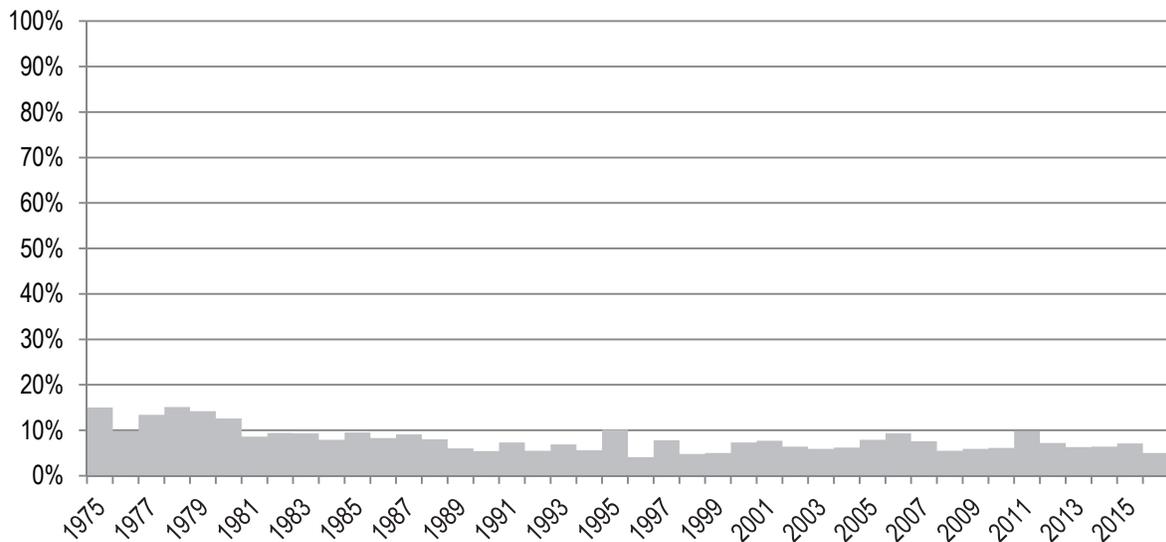
Table 5-6 and Figure 5-3 describe individuals rather than permits. An individual may hold up to two permits in this fishery, but can only fish one of them. An individual may hold one S15B permit one year, and then in subsequent years hold a different S15B permit. Likewise, individuals may enter and exit the fishery multiple times over the years. Individuals are only counted once as a new entrant and only in the year in which they made their first documented landing.

Table 5-6. New Entrants into the Statewide Salmon Power Troll, 1975-2016

Year	Individuals w/Landings	New	New Percent
1975	675	101	15.0%
1976	705	69	9.8%
1977	730	98	13.4%
1978	789	119	15.1%
1979	805	114	14.2%
1980	824	104	12.6%
1981	779	67	8.6%
1982	794	75	9.4%
1983	805	75	9.3%
1984	785	62	7.9%
1985	824	78	9.5%
1986	822	68	8.3%
1987	825	75	9.1%
1988	829	66	8.0%
1989	830	50	6.0%
1990	832	45	5.4%
1991	848	62	7.3%
1992	839	46	5.5%
1993	837	58	6.9%
1994	804	45	5.6%
1995	819	83	10.1%
1996	735	30	4.1%
1997	744	58	7.8%
1998	733	35	4.8%
1999	723	36	5.0%
2000	724	53	7.3%
2001	712	55	7.7%
2002	669	43	6.4%
2003	644	38	5.9%
2004	696	43	6.2%
2005	721	57	7.9%
2006	745	69	9.3%
2007	748	57	7.6%
2008	751	41	5.5%
2009	750	44	5.9%
2010	736	45	6.1%
2011	769	75	9.8%
2012	754	54	7.2%
2013	732	46	6.3%
2014	765	49	6.4%
2015	748	53	7.1%
2016	753	38	5.0%

• New Entrants excludes individuals with interim-entry and emergency transfer permits.

Figure 5-3. New Entrants into the Statewide Salmon Power Troll, 1975-2016



Age of S15B Permit Holders

Table 5-7. Mean Age of Select CFEC Permit Holders and the General Alaskan Population

Year	S15B	Combined Southeast Salmon	Statewide Salmon Troll	Statewide All Permits	Mean AK Worker Age
1980	46.4	44.5	46.4	40.8	33.4
1981	46.4	44.4	46.4	40.8	33.5
1982	46.5	44.2	45.3	40.9	33.6
1983	46.8	43.7	44.2	41.0	33.7
1984	46.8	44.2	44.8	41.3	33.8
1985	46.7	44.6	45.3	41.6	34.0
1986	46.5	44.7	45.5	41.8	34.2
1987	46.8	45.2	46.1	42.1	34.5
1988	46.6	45.4	46.3	42.2	34.9
1989	47.1	46.0	47.0	42.7	35.3
1990	47.5	46.4	47.5	43.0	35.5
1991	48.0	46.8	47.9	43.4	35.9
1992	48.6	47.3	48.5	43.8	36.2
1993	49.2	47.9	49.0	44.2	36.5
1994	49.7	48.3	49.5	44.6	36.7
1995	49.4	48.5	49.6	44.9	37.0
1996	50.4	49.1	50.5	45.3	37.2
1997	51.1	49.6	51.0	45.7	37.4
1998	51.7	50.1	51.6	46.0	37.6
1999	52.3	50.5	52.0	46.4	37.8
2000	52.3	50.8	52.4	46.8	37.9
2001	52.6	51.2	52.8	47.1	38.1
2002	53.4	51.8	53.6	47.7	38.3
2003	54.1	52.3	54.0	48.2	38.4
2004	53.9	52.5	54.0	48.4	38.6
2005	53.9	52.6	54.1	48.6	38.7
2006	53.7	52.7	54.1	48.8	38.8
2007	53.7	53.0	54.3	49.0	38.9
2008	53.9	53.2	54.6	49.2	39.0
2009	54.3	53.6	55.1	49.6	39.1
2010	54.6	53.9	55.5	49.7	39.2
2011	54.5	53.9	55.6	49.9	39.4
2012	54.4	53.9	55.7	50.1	39.4
2013	54.6	53.9	55.7	50.2	39.5
2014	54.7	54.0	55.8	50.4	39.5
2015	55.0	54.4	56.2	50.8	39.5
2016	55.6	54.8	56.7	51.2	39.7

- Mean AK Worker Age is the annual average age of all Alaskans age 16-64 as reported by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.
- Displayed figures are rounded to the nearest 10th. Age data from the CFEC permit file is as of December 31st of each year.

Table 5-7 shows the annual mean age of five different cohorts of people: 1) statewide salmon power troll (S15B) permit holders; 2) all five (S01A, S03A, S04D, S05B, and S15B) Southeast Alaska salmon permit holders; 3) statewide salmon power and hand troll permit holders 4) all CFEC limited entry permit holders; and 5) the Alaskan worker population.

Note that these figures include ages of permit holders for both transferable and non-transferable permits; however, there were no non-transferable S15B permits issued. Some individuals hold permits in more than one fishery; in these cases, the age of the permit holder is counted once for each permit that he or she holds.

The mean age of the general Alaskan worker age population has increased 6.3 years between 1980 and 2016, which represents an 18.8% increase. The percent change in ages over the same period for all CFEC permit holders increased by 25.6% (10.4 years), 22.2% (10.3 years) for the statewide salmon hand and troll permit holders, and 23.3% (10.4 years) for the combined Southeast Alaska salmon permit holders.

For S15B permit holders, the mean age increased 20.0% (9.3 years).

S15B Permit Value

Many permit transfers are non-monetary transactions (see Table 5-2). Table 5-8 considers solely the arms-length market transactions where permits are sold. CFEC estimated values are expressed in both nominal and real (adjusted for inflation) terms.

Table 5-8. CFEC Estimated Value of Statewide Salmon Power Troll Permits

Year	S15B Permit Sales	Nominal		Real	
		Permit Value	Standard Deviation	Permit Value	Standard Deviation
1982	71	\$21,630	-	\$53,796	-
1984	71	\$19,624	-	\$45,331	-
1985	73	\$21,530	-	\$48,024	-
1986	72	\$25,383	-	\$55,585	-
1987	65	\$26,625	-	\$56,252	-
1988	69	\$29,568	-	\$59,988	-
1989	56	\$32,758	-	\$63,404	-
1990	53	\$33,156	-	\$60,885	-
1991	55	\$37,300	\$2,500	\$65,729	\$4,405
1992	43	\$34,300	\$3,650	\$58,676	\$6,244
1993	47	\$30,700	\$2,000	\$50,991	\$3,322
1994	44	\$28,300	\$3,150	\$45,831	\$5,101
1995	71	\$28,300	\$2,150	\$44,568	\$3,386
1996	35	\$20,000	\$4,000	\$30,594	\$6,119
1997	54	\$18,100	\$1,050	\$27,066	\$1,570
1998	44	\$17,600	\$1,600	\$25,915	\$2,356
1999	39	\$15,000	\$1,200	\$21,609	\$1,729
2000	75	\$14,600	\$900	\$20,349	\$1,254
2001	64	\$13,000	\$1,400	\$17,618	\$1,897
2002	37	\$14,000	\$1,700	\$18,678	\$2,268
2003	55	\$12,700	\$1,100	\$16,566	\$1,435
2004	79	\$16,400	\$5,350	\$20,837	\$6,797
2005	50	\$27,900	\$1,500	\$34,287	\$1,843
2006	78	\$31,500	\$2,250	\$37,501	\$2,679
2007	45	\$36,200	\$2,700	\$41,903	\$3,125
2008	51	\$35,200	\$1,500	\$39,239	\$1,672
2009	32	\$34,200	\$2,350	\$38,260	\$2,629
2010	48	\$29,000	\$1,750	\$31,919	\$1,926
2011	64	\$32,600	\$3,000	\$34,784	\$3,201
2012	59	\$35,300	\$2,700	\$36,901	\$2,822
2013	50	\$32,000	\$1,850	\$32,968	\$1,906
2014	36	\$37,000	\$3,100	\$37,511	\$3,143
2015	33	\$38,300	\$2,800	\$38,783	\$2,835
2016	27	\$35,000	\$1,000	\$35,000	\$1,000

- Permit values represent averages of all arms-length sale transactions over the year. Beginning in 1991, additional data from recent months in the preceding year may be included until at least four observations can be averaged.
- The Standard Deviation was not calculated prior to 1991.
- Real permit values were calculated using the 2016 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Statewide Salmon Power Troll Vessel Characteristics

Table 5-9 reports on various vessel characteristics of the statewide salmon power troll fleet since 1978. Reported are the age, length, net tonnage, horsepower, and hold capacity. This data is from the vessel license file which includes voluntarily supplied information on vessels. The first column of each category is the count of vessels with the described characteristics; other statistics reported include the 25th percentile, median, and 75th percentile.

Table 5-9. Statewide Salmon Power Troll Vessel Characteristics

Year	Vessel Count	Age				Length				Gross Tons				Net Tons				Horsepower				Hold Capacity			
		Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%
1978	824	770	10	30	42	781	32	36	40	596	10	14	23	690	7	10	16	764	95	120	165	485	125	300	550
1979	883	787	8	29	41	790	33	36	41	614	10	16	25	712	7	11	17	755	100	125	165	495	170	325	600
1980	866	821	7	28	42	821	33	37	42	658	11	16	26	746	7	12	18	775	100	125	165	509	144	360	672
1981	807	781	8	29	43	783	33	37	41	644	10	16	25	711	7	12	18	753	100	120	165	500	134	350	600
1982	821	787	9	30	43	788	33	37	41	659	11	16	26	731	7	12	18	764	98	120	165	506	130	360	600
1983	840	822	10	30	43	823	33	37	41	706	11	16	25	764	7	12	17	805	100	120	165	551	150	360	600
1984	832	812	11	31	45	816	33	37	41	703	11	16	26	766	7	12	18	801	100	125	165	570	162	375	640
1985	848	834	11	32	45	835	34	38	42	743	11	17	26	797	8	12	18	819	100	125	165	592	200	400	690
1986	903	847	12	31	45	846	33	38	42	756	11	17	26	804	7	12	18	832	100	125	165	594	200	400	660
1987	869	840	13	32	47	840	33	38	42	747	11	17	26	796	7	12	19	829	100	125	165	597	200	400	680
1988	887	854	14	32	47	854	34	38	42	764	11	17	26	814	7	12	19	846	100	125	165	615	200	400	672
1989	870	848	15	31	47	847	34	38	42	776	12	18	27	819	8	12	19	842	100	130	165	626	200	400	672
1990	946	877	14	28	47	877	34	38	42	793	12	18	27	838	8	13	19	871	100	135	174	638	200	400	700
1991	1,014	897	15	28	47	898	34	38	42	806	12	18	28	851	8	13	19	893	100	140	175	646	200	432	700
1992	975	883	15	28	48	881	34	38	42	802	12	18	28	844	8	13	20	876	101	140	180	640	200	432	700
1993	992	880	16	28	49	880	34	38	42	800	12	18	28	837	8	13	20	874	101	140	180	636	200	445	748
1994	880	828	17	28	49	827	34	39	43	760	12	18	28	788	9	13	20	818	101	140	175	588	200	432	700
1995	854	834	19	31	50	836	35	39	43	760	12	18	28	797	8	13	19	825	100	140	175	584	200	432	750
1996	773	748	19	30	51	748	36	39	44	687	12	19	28	717	8	13	20	738	100	140	170	531	200	432	720
1997	773	755	20	32	53	755	36	39	44	691	12	18	28	720	8	13	20	745	100	140	174	525	200	425	720
1998	749	742	21	32	53	742	36	40	45	687	13	19	29	709	8	13	20	731	100	140	175	514	240	432	750
1999	729	726	22	32	53	727	36	40	45	670	13	19	29	699	8	13	20	717	100	140	175	486	210	432	750
2000	738	725	23	32	53	725	36	40	45	672	13	19	29	699	8	13	20	717	105	140	180	492	200	432	800
2001	730	711	24	32	54	711	36	40	45	648	13	19	29	680	8	13	20	702	105	145	180	463	200	400	750
2002	694	677	25	32	55	677	36	40	45	623	13	19	30	649	8	13	20	668	110	145	185	452	200	429	750
2003	644	642	26	32	56	642	36	40	45	593	13	19	30	620	8	13	21	631	110	150	190	424	200	436	800
2004	698	694	26	33	56	694	36	40	45	634	13	19	30	663	8	13	21	685	110	150	200	451	200	425	800
2005	718	716	27	34	57	716	36	40	46	659	14	20	30	684	8	13	21	709	115	150	200	466	200	436	800
2006	736	736	28	35	58	736	36	40	46	676	14	20	31	699	9	13	22	730	120	160	200	476	230	450	810
2007	745	741	29	35	58	741	36	40	46	681	14	20	31	705	9	14	22	734	120	160	210	473	240	450	825
2008	745	744	30	36	58	745	36	40	46	682	14	20	31	703	9	14	22	735	120	160	210	466	210	450	800
2009	750	749	31	37	59	750	36	40	46	690	14	20	31	707	8	14	22	742	120	160	210	481	200	450	800
2010	739	739	31	37	60	739	36	40	46	675	14	20	31	692	8	14	22	728	120	160	210	472	200	450	800
2011	767	767	32	38	61	767	36	40	45	704	14	20	31	717	8	13	22	749	120	160	210	492	200	436	800
2012	752	752	33	38	61	752	36	40	45	681	14	20	31	698	8	13	22	734	120	160	210	474	200	449	800
2013	729	729	34	39	61	729	36	40	45	668	14	20	31	683	8	13	22	706	120	160	210	468	200	450	800
2014	798	760	35	40	61	760	36	40	45	694	14	20	31	711	8	13	22	735	120	160	210	479	200	450	800
2015	747	746	36	41	60	746	36	40	45	682	14	20	31	701	7	13	22	722	120	160	210	469	200	450	800
2016	751	751	37	42	57	751	36	40	46	696	14	20	31	716	7	13	22	723	120	165	220	463	200	450	800
Total	3,474					2,649	32	37	42	2,163	10	16	26	2,255	6	11	18	2,562	100	150	215	1,554	130	320	700

• Total includes every vessel used in this fishery from 1978 to 2016.

Table 5-10 provides additional statewide salmon power troll vessel characteristics. Included are statistics of engine power type and hull material for each year since 1978.

Table 5-10. Additional Statewide Salmon Power Troll Vessel Characteristics

Year	Vessel Count	Engine Power					Hull Material												
		Count	Diesel	Gas	Count	Aluminum	Fiberglass	Concrete	Steel	Rubber	Wood								
1978	824	783	654	83.5%	129	16.5%	780	6	0.8%	139	17.8%	2	0.3%	39	5.0%	0	0.0%	594	76.2%
1979	883	791	697	88.1%	94	11.9%	785	6	0.8%	175	22.3%	4	0.5%	37	4.7%	0	0.0%	563	71.7%
1980	866	822	740	90.0%	82	10.0%	813	4	0.5%	216	26.6%	2	0.2%	43	5.3%	0	0.0%	548	67.4%
1981	807	784	717	91.5%	67	8.5%	775	3	0.4%	195	25.2%	2	0.3%	40	5.2%	0	0.0%	535	69.0%
1982	821	789	732	92.8%	57	7.2%	785	2	0.3%	207	26.4%	3	0.4%	31	3.9%	0	0.0%	542	69.0%
1983	840	824	765	92.8%	59	7.2%	820	3	0.4%	213	26.0%	4	0.5%	36	4.4%	0	0.0%	564	68.8%
1984	832	816	765	93.8%	51	6.3%	815	3	0.4%	232	28.5%	2	0.2%	36	4.4%	0	0.0%	542	66.5%
1985	848	835	790	94.6%	45	5.4%	835	2	0.2%	232	27.8%	5	0.6%	48	5.7%	0	0.0%	548	65.6%
1986	903	845	790	93.5%	55	6.5%	847	8	0.9%	250	29.5%	4	0.5%	48	5.7%	0	0.0%	537	63.4%
1987	869	837	801	95.7%	36	4.3%	840	6	0.7%	244	29.0%	7	0.8%	49	5.8%	0	0.0%	534	63.6%
1988	887	854	815	95.4%	39	4.6%	855	8	0.9%	245	28.7%	8	0.9%	52	6.1%	0	0.0%	542	63.4%
1989	870	849	818	96.3%	31	3.7%	849	6	0.7%	257	30.3%	11	1.3%	55	6.5%	0	0.0%	520	61.2%
1990	946	877	844	96.2%	33	3.8%	878	11	1.3%	283	32.2%	12	1.4%	64	7.3%	0	0.0%	508	57.9%
1991	1,014	898	856	95.3%	42	4.7%	897	18	2.0%	291	32.4%	11	1.2%	68	7.6%	0	0.0%	509	56.7%
1992	975	881	845	95.9%	36	4.1%	881	15	1.7%	295	33.5%	12	1.4%	63	7.2%	0	0.0%	496	56.3%
1993	992	877	844	96.2%	33	3.8%	880	18	2.0%	291	33.1%	11	1.3%	71	8.1%	0	0.0%	489	55.6%
1994	880	824	802	97.3%	22	2.7%	826	11	1.3%	285	34.5%	12	1.5%	69	8.4%	0	0.0%	449	54.4%
1995	854	830	813	98.0%	17	2.0%	832	7	0.8%	275	33.1%	12	1.4%	63	7.6%	0	0.0%	475	57.1%
1996	773	742	730	98.4%	12	1.6%	745	6	0.8%	265	35.6%	11	1.5%	58	7.8%	0	0.0%	405	54.4%
1997	773	750	734	97.9%	16	2.1%	753	7	0.9%	262	34.8%	11	1.5%	58	7.7%	0	0.0%	415	55.1%
1998	749	738	728	98.6%	10	1.4%	740	4	0.5%	266	35.9%	11	1.5%	58	7.8%	0	0.0%	401	54.2%
1999	729	720	708	98.3%	12	1.7%	725	5	0.7%	270	37.2%	11	1.5%	56	7.7%	0	0.0%	383	52.8%
2000	738	721	711	98.6%	10	1.4%	725	13	1.8%	272	37.5%	9	1.2%	56	7.7%	0	0.0%	375	51.7%
2001	730	707	696	98.4%	11	1.6%	711	12	1.7%	281	39.5%	8	1.1%	51	7.2%	1	0.1%	358	50.4%
2002	694	674	668	99.1%	6	0.9%	677	12	1.8%	274	40.5%	8	1.2%	56	8.3%	0	0.0%	327	48.3%
2003	644	638	632	99.1%	6	0.9%	641	7	1.1%	269	42.0%	8	1.2%	56	8.7%	0	0.0%	301	47.0%
2004	698	691	681	98.6%	10	1.4%	691	8	1.2%	298	43.1%	8	1.2%	61	8.8%	0	0.0%	316	45.7%
2005	718	711	702	98.7%	9	1.3%	713	9	1.3%	311	43.6%	7	1.0%	66	9.3%	0	0.0%	320	44.9%
2006	736	732	719	98.2%	13	1.8%	734	9	1.2%	326	44.4%	8	1.1%	68	9.3%	0	0.0%	323	44.0%
2007	745	738	727	98.5%	11	1.5%	739	10	1.4%	339	45.9%	7	0.9%	72	9.7%	0	0.0%	311	42.1%
2008	745	743	734	98.8%	9	1.2%	744	12	1.6%	350	47.0%	7	0.9%	71	9.5%	0	0.0%	304	40.9%
2009	750	746	735	98.5%	11	1.5%	747	15	2.0%	350	46.9%	7	0.9%	69	9.2%	0	0.0%	306	41.0%
2010	739	737	724	98.2%	13	1.8%	738	17	2.3%	357	48.4%	7	0.9%	68	9.2%	0	0.0%	289	39.2%
2011	767	765	751	98.2%	14	1.8%	767	20	2.6%	378	49.3%	7	0.9%	69	9.0%	0	0.0%	293	38.2%
2012	752	750	736	98.1%	14	1.9%	751	21	2.8%	375	49.9%	8	1.1%	69	9.2%	0	0.0%	278	37.0%
2013	729	727	716	98.5%	11	1.5%	728	16	2.2%	369	50.7%	8	1.1%	67	9.2%	0	0.0%	268	36.8%
2014	798	756	741	98.0%	15	2.0%	759	20	2.6%	388	51.1%	8	1.1%	74	9.7%	0	0.0%	269	35.4%
2015	747	742	726	97.8%	16	2.2%	745	19	2.6%	388	52.1%	7	0.9%	74	9.9%	0	0.0%	257	34.5%
2016	751	747	732	98.0%	15	2.0%	750	19	2.5%	397	52.9%	7	0.9%	72	9.6%	0	0.0%	255	34.0%
Total	3,474	2,636	2,231	84.6%	405	15.4%	2,644	168	6.4%	973	36.8%	22	0.8%	175	6.6%	1	0.0%	1,305	49.4%

- Total includes every vessel used in this fishery from 1978 to 2016.

Participation and Earnings

Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 5-4 are for both nominal and real dollars using the 2016 Consumer Price Index from the U.S. Bureau of Labor Statistics.

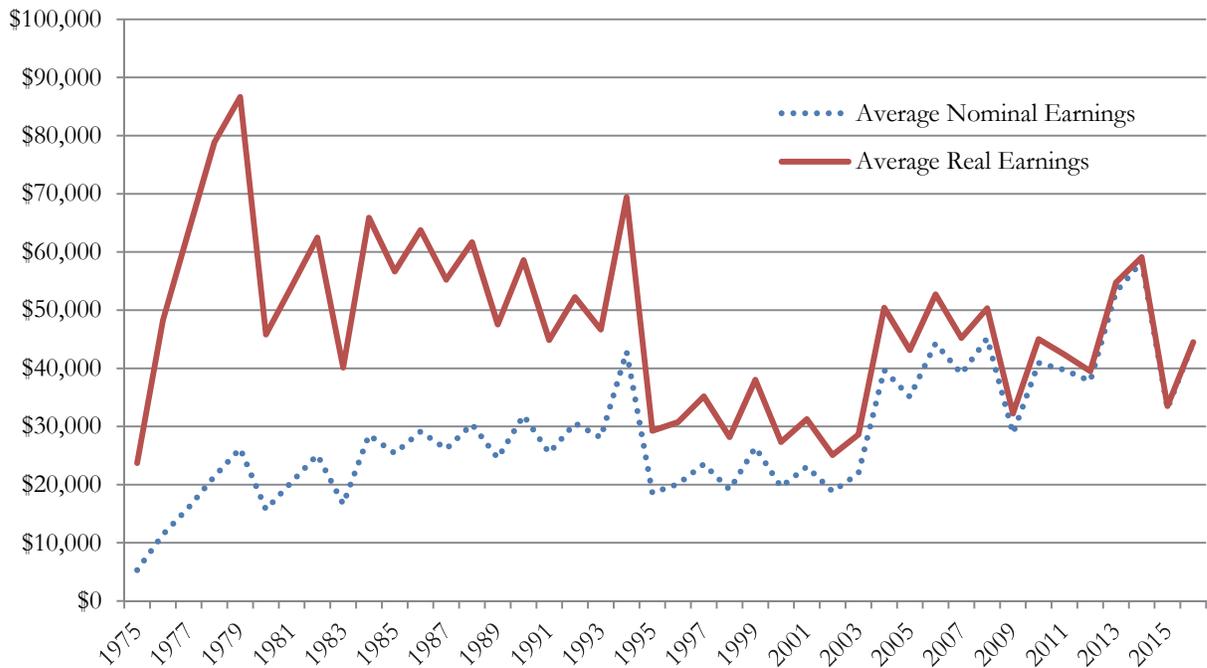
Permit counts include interim-entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held for the statewide salmon power troll was in 2002. Some individuals made landings on both an interim-entry permit and subsequently on their newly issued permanent permit in the same year; for these instances, only the permanent permit is counted in this report.

Table 5-11 reports the number of permits issued, permits and vessels with landings, and estimated gross earnings in the Statewide salmon power troll from 1975 to 2016. Note that the figures by permit in this table span the entire year, regardless of who held the permit or however many times the permit was transferred.

Table 5-12 reports the number of permit holders (people) and estimated real (inflation-adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Table 5-13 breaks out participation and earnings by ADF&G salmon management area with real ex-vessel values. Note that some permits are used to record landings in more than one district.

Figure 5-4. Estimated Nominal and Real Average Gross Earnings Per Statewide Salmon Power Troll Permit



- Real earnings are adjusted for inflation using the 2016 U.S. Bureau of Labor Statistics Consumer Price Index.

Table 5-11. Estimated Total Gross Earnings (Real and Nominal) for the Statewide Salmon Power Troll Fishery, With Average Earnings (Real) by Permit and Vessel, 1975-2016

Year	Viable Permits	Total Gross Earnings		Permits With Landings	Average Real Earnings	Vessels With Landings	Average Real Vessel Earnings
		Nominal	Real				
1975	1,049	\$4,023,120	\$17,947,527	757	\$23,709	818	\$21,941
1976	979	\$8,469,927	\$35,726,570	740	\$48,279	787	\$45,396
1977	966	\$12,035,120	\$47,665,232	750	\$63,554	752	\$63,385
1978	976	\$17,480,179	\$64,346,095	816	\$78,856	824	\$78,090
1979	978	\$21,469,351	\$70,975,130	819	\$86,661	883	\$80,380
1980	974	\$13,244,088	\$38,576,138	842	\$45,815	866	\$44,545
1981	970	\$16,249,385	\$42,903,919	793	\$54,103	807	\$53,165
1982	968	\$20,348,198	\$50,608,393	810	\$62,479	821	\$61,642
1983	968	\$13,486,286	\$32,498,022	810	\$40,121	840	\$38,688
1984	963	\$22,673,535	\$52,375,428	795	\$65,881	832	\$62,951
1985	963	\$21,077,981	\$47,015,456	830	\$56,645	848	\$55,443
1986	957	\$24,079,476	\$52,730,317	827	\$63,761	903	\$58,395
1987	957	\$21,637,373	\$45,714,092	828	\$55,210	869	\$52,605
1988	956	\$25,169,219	\$51,063,304	828	\$61,671	887	\$57,569
1989	955	\$20,389,549	\$39,464,795	830	\$47,548	870	\$45,362
1990	956	\$26,768,263	\$49,155,092	839	\$58,588	946	\$51,961
1991	958	\$21,556,373	\$37,985,907	847	\$44,848	1,014	\$37,461
1992	957	\$25,564,358	\$43,732,181	837	\$52,249	975	\$44,854
1993	956	\$23,491,006	\$39,017,341	836	\$46,671	992	\$39,332
1994	954	\$34,463,236	\$55,812,536	804	\$69,419	880	\$63,423
1995	954	\$15,197,999	\$23,934,554	818	\$29,260	854	\$28,026
1996	965	\$14,806,347	\$22,648,993	737	\$30,731	773	\$29,300
1997	967	\$17,402,990	\$26,023,921	740	\$35,167	773	\$33,666
1998	967	\$14,006,120	\$20,623,110	732	\$28,174	749	\$27,534
1999	965	\$19,024,453	\$27,406,974	721	\$38,012	729	\$37,595
2000	963	\$13,960,702	\$19,457,992	712	\$27,329	738	\$26,366
2001	965	\$16,175,055	\$21,920,533	701	\$31,270	730	\$30,028
2002	965	\$12,527,264	\$16,712,791	666	\$25,094	694	\$24,082
2003	965	\$13,954,967	\$18,202,662	637	\$28,576	644	\$28,265
2004	961	\$27,295,633	\$34,680,482	688	\$50,408	698	\$49,686
2005	961	\$25,092,847	\$30,836,963	715	\$43,129	718	\$42,948
2006	961	\$32,633,525	\$38,850,567	737	\$52,714	736	\$52,786
2007	961	\$28,903,845	\$33,457,404	740	\$45,213	745	\$44,909
2008	961	\$33,639,740	\$37,499,584	745	\$50,335	745	\$50,335
2009	961	\$21,457,493	\$24,004,944	745	\$32,221	750	\$32,007
2010	962	\$29,825,714	\$32,828,173	729	\$45,032	739	\$44,422
2011	962	\$30,178,610	\$32,200,186	760	\$42,369	767	\$41,982
2012	961	\$28,077,771	\$29,351,210	743	\$39,504	752	\$39,031
2013	961	\$38,372,518	\$39,533,790	722	\$54,756	729	\$54,230
2014	962	\$44,081,724	\$44,690,804	756	\$59,115	798	\$56,004
2015	962	\$24,478,084	\$24,786,878	740	\$33,496	747	\$33,182
2016	961	\$33,156,198	\$33,156,198	745	\$44,505	751	\$44,149

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year..

Table 5-12. Estimated Real Gross Earnings for Permit Holders in the Statewide Salmon Power Troll Fishery by Resident Type, 1975-2016

Year	Local			Nonlocal			Nonresident			Total		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	575	\$21,342	\$12,271,421	5	\$22,660	\$113,300	197	\$28,238	\$5,562,806	777	\$23,098	\$17,947,527
1976	570	\$46,169	\$26,316,075	9	\$54,368	\$489,315	169	\$52,788	\$8,921,180	748	\$47,763	\$35,726,570
1977	592	\$58,432	\$34,591,777	5	\$65,517	\$327,587	161	\$79,167	\$12,745,867	758	\$62,883	\$47,665,232
1978	630	\$70,808	\$44,608,791	15	\$100,882	\$1,513,230	178	\$102,382	\$18,224,073	823	\$78,185	\$64,346,095
1979	622	\$80,071	\$49,804,142	20	\$92,586	\$1,851,714	192	\$100,621	\$19,319,274	834	\$85,102	\$70,975,130
1980	616	\$42,912	\$26,433,907	18	\$41,072	\$739,291	217	\$52,548	\$11,402,939	851	\$45,330	\$38,576,138
1981	595	\$50,562	\$30,084,268	12	\$57,208	\$686,497	194	\$62,542	\$12,133,154	801	\$53,563	\$42,903,919
1982	615	\$56,298	\$34,623,110	13	\$35,668	\$463,684	187	\$83,003	\$15,521,599	815	\$62,096	\$50,608,393
1983	623	\$36,459	\$22,713,845	9	\$35,227	\$317,045	193	\$49,052	\$9,467,132	825	\$39,392	\$32,498,022
1984	612	\$59,007	\$36,112,236	8	\$47,798	\$382,383	182	\$87,257	\$15,880,810	802	\$65,306	\$52,375,428
1985	639	\$52,707	\$33,679,481	13	\$44,675	\$580,776	183	\$69,701	\$12,755,200	835	\$56,306	\$47,015,456
1986	630	\$60,229	\$37,944,414	15	\$58,480	\$877,203	188	\$73,982	\$13,908,701	833	\$63,302	\$52,730,317
1987	651	\$53,413	\$34,771,876	12	\$50,058	\$600,699	171	\$60,477	\$10,341,517	834	\$54,813	\$45,714,092
1988	670	\$60,534	\$40,557,468	13	\$70,183	\$912,375	154	\$62,295	\$9,593,461	837	\$61,008	\$51,063,304
1989	661	\$45,877	\$30,324,694	14	\$45,275	\$633,851	162	\$52,508	\$8,506,250	837	\$47,150	\$39,464,795
1990	649	\$55,880	\$36,265,930	13	\$59,420	\$772,460	181	\$66,943	\$12,116,703	843	\$58,310	\$49,155,092
1991	659	\$43,948	\$28,961,997	18	\$41,126	\$740,268	182	\$45,515	\$8,283,642	859	\$44,221	\$37,985,907
1992	658	\$49,412	\$32,513,352	18	\$54,816	\$986,688	173	\$59,145	\$10,232,140	849	\$51,510	\$43,732,181
1993	666	\$43,902	\$29,238,476	17	\$51,230	\$870,907	165	\$53,988	\$8,907,959	848	\$46,011	\$39,017,341
1994	647	\$65,078	\$42,105,355	11	\$84,343	\$927,771	154	\$82,983	\$12,779,410	812	\$68,735	\$55,812,536
1995	637	\$27,601	\$17,581,555	16	\$36,375	\$581,993	173	\$33,358	\$5,771,006	826	\$28,976	\$23,934,554
1996	583	\$29,144	\$16,990,666	15	\$39,848	\$597,724	142	\$35,638	\$5,060,602	740	\$30,607	\$22,648,993
1997	578	\$33,967	\$19,633,015	13	\$49,024	\$637,308	156	\$36,882	\$5,753,598	747	\$34,838	\$26,023,921
1998	560	\$27,848	\$15,594,632	16	\$31,554	\$504,858	158	\$28,631	\$4,523,620	734	\$28,097	\$20,623,110
1999	573	\$37,205	\$21,318,643	17	\$41,394	\$703,700	134	\$40,184	\$5,384,630	724	\$37,855	\$27,406,974
2000	574	\$26,943	\$15,465,523	25	\$23,504	\$587,599	125	\$27,239	\$3,404,870	724	\$26,876	\$19,457,992
2001	576	\$31,320	\$18,040,187	24	\$32,817	\$787,598	113	\$27,369	\$3,092,748	713	\$30,744	\$21,920,533
2002	551	\$25,170	\$13,868,763	19	\$23,746	\$451,168	99	\$24,170	\$2,392,859	669	\$24,982	\$16,712,791
2003	537	\$28,387	\$15,243,876	14	\$29,493	\$412,906	93	\$27,375	\$2,545,880	644	\$28,265	\$18,202,662
2004	582	\$49,896	\$29,039,751	16	\$51,914	\$830,618	98	\$49,083	\$4,810,113	696	\$49,828	\$34,680,482
2005	595	\$43,052	\$25,616,118	17	\$33,808	\$574,732	109	\$42,625	\$4,646,112	721	\$42,770	\$30,836,963
2006	610	\$52,386	\$31,955,219	18	\$38,561	\$694,102	117	\$53,002	\$6,201,247	745	\$52,148	\$38,850,567
2007	608	\$44,792	\$27,233,497	19	\$36,257	\$688,882	121	\$45,744	\$5,535,025	748	\$44,729	\$33,457,404
2008	606	\$49,164	\$29,793,649	24	\$46,579	\$1,117,897	121	\$54,447	\$6,588,038	751	\$49,933	\$37,499,584
2009	609	\$31,409	\$19,128,071	16	\$40,409	\$646,545	125	\$33,843	\$4,230,327	750	\$32,007	\$24,004,944
2010	607	\$44,429	\$26,968,582	20	\$44,821	\$896,415	109	\$45,534	\$4,963,176	736	\$44,603	\$32,828,173
2011	622	\$42,348	\$26,340,408	19	\$39,467	\$749,866	128	\$39,921	\$5,109,913	769	\$41,873	\$32,200,186
2012	628	\$39,266	\$24,658,804	15	\$38,143	\$572,143	111	\$37,119	\$4,120,262	754	\$38,927	\$29,351,210
2013	607	\$54,768	\$33,244,108	25	\$32,529	\$813,229	100	\$54,765	\$5,476,453	732	\$54,008	\$39,533,790
2014	633	\$58,641	\$37,119,877	19	\$48,209	\$915,975	113	\$58,893	\$6,654,953	765	\$58,419	\$44,690,804
2015	623	\$34,133	\$21,264,756	17	\$24,074	\$409,253	108	\$28,823	\$3,112,870	748	\$33,138	\$24,786,878
2016	628	\$44,746	\$28,100,559	18	\$31,880	\$573,831	107	\$41,886	\$4,481,807	753	\$44,032	\$33,156,198

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year. Note that these counts are for individuals, not permits.

Table 5-13. Gross Real Earnings for the Statewide Salmon Power Troll Fishery by ADF&G Salmon Management Area, 1975 to 2016

Year	Juneau Area				Ketchikan Area				Petersburg Area				Sitka Area				Yakutat Area				Total	
	Permits		Real Value		Permits		Real Value		Permits		Real Value		Permits		Real Value		Permits		Real Value		Permits	Real Value
1975	196	25.9%	\$1,360,464	7.6%	388	51.3%	\$7,575,504	42.2%	219	28.9%	\$2,151,622	12.0%	286	37.8%	\$4,357,946	24.3%	112	14.8%	\$409,866	2.3%	757	\$17,947,527
1976	251	33.9%	\$4,070,669	11.4%	363	49.1%	\$9,223,934	25.8%	213	28.8%	\$3,729,712	10.4%	300	40.5%	\$11,241,099	31.5%	159	21.5%	\$2,938,674	8.2%	740	\$35,726,570
1977	316	42.1%	\$6,015,640	12.6%	320	42.7%	\$9,919,105	20.8%	179	23.9%	\$3,493,827	7.3%	401	53.5%	\$16,571,641	34.8%	307	40.9%	\$9,017,512	18.9%	750	\$47,665,232
1978	305	37.4%	\$4,719,456	7.3%	291	35.7%	\$11,567,697	18.0%	190	23.3%	\$3,491,523	5.4%	463	56.7%	\$26,684,752	41.5%	241	29.5%	\$8,099,264	12.6%	816	\$64,346,095
1979	131	16.0%	\$1,051,266	1.5%	305	37.2%	\$11,905,364	16.8%	198	24.2%	\$4,832,152	6.8%	479	58.5%	\$16,003,402	22.5%	229	28.0%	\$7,425,574	10.5%	819	\$70,975,130
1980	184	21.9%	\$1,038,988	2.7%	270	32.1%	\$4,725,462	12.2%	179	21.3%	\$4,405,346	6.2%	458	54.4%	\$7,357,466	19.1%	212	25.2%	\$3,482,251	9.0%	842	\$38,576,138
1981	324	40.9%	\$3,498,349	8.2%	299	37.7%	\$8,888,997	20.7%	217	27.4%	\$3,591,504	8.4%	473	59.6%	\$13,696,421	31.9%	254	32.0%	\$4,321,271	10.1%	793	\$42,903,919
1982	295	36.4%	\$3,790,086	7.5%	331	40.9%	\$9,270,767	18.3%	262	32.3%	\$4,574,633	9.0%	519	64.1%	\$21,663,358	42.8%	294	36.3%	\$7,120,140	14.1%	810	\$50,608,393
1983	251	31.0%	\$2,445,659	7.5%	276	34.1%	\$6,441,833	19.8%	259	32.0%	\$3,352,794	10.3%	510	63.0%	\$15,317,191	47.1%	305	37.7%	\$3,752,716	11.5%	810	\$32,498,022
1984	291	36.6%	\$4,513,901	8.6%	264	33.2%	\$7,996,874	14.9%	249	31.3%	\$4,460,667	8.5%	540	67.9%	\$26,781,613	51.1%	238	29.9%	\$5,212,465	10.0%	795	\$52,375,428
1985	336	40.5%	\$4,074,550	8.7%	293	35.3%	\$9,012,854	19.2%	269	32.4%	\$3,868,630	8.2%	555	66.9%	\$20,011,774	42.6%	318	38.3%	\$7,759,432	16.5%	830	\$47,015,456
1986	220	26.6%	\$1,403,957	2.7%	292	35.3%	\$8,948,743	17.0%	284	34.3%	\$4,577,276	8.7%	615	74.4%	\$28,592,948	54.2%	251	30.4%	\$5,975,293	11.3%	827	\$52,730,317
1987	242	29.2%	\$2,707,401	5.9%	362	43.7%	\$9,908,608	21.7%	357	43.1%	\$6,449,378	14.1%	568	68.6%	\$17,622,308	38.5%	283	34.2%	\$5,017,091	11.0%	828	\$45,714,092
1988	303	36.6%	\$5,749,988	11.3%	320	38.6%	\$9,784,375	19.2%	356	43.0%	\$6,630,958	13.0%	531	64.1%	\$17,722,668	34.7%	229	27.7%	\$7,113,466	13.9%	828	\$51,063,304
1989	308	37.1%	\$5,168,681	13.1%	265	31.9%	\$6,595,584	16.7%	354	42.7%	\$4,599,556	11.7%	570	68.7%	\$14,157,597	35.9%	251	30.2%	\$4,313,016	10.9%	830	\$39,464,795
1990	354	42.2%	\$4,500,478	9.2%	281	33.5%	\$9,291,572	18.9%	366	43.6%	\$6,419,291	13.1%	603	71.9%	\$17,310,249	35.2%	297	35.4%	\$6,556,991	13.3%	839	\$49,155,092
1991	278	32.8%	\$3,625,701	9.5%	303	35.8%	\$7,431,488	19.6%	368	43.4%	\$5,361,133	14.1%	605	71.4%	\$17,534,151	46.2%	194	22.9%	\$2,612,233	6.9%	847	\$37,985,907
1992	327	39.1%	\$4,786,139	10.9%	290	34.6%	\$6,115,749	14.0%	299	35.7%	\$3,659,584	8.4%	586	70.0%	\$19,265,733	44.1%	229	27.4%	\$5,364,194	12.3%	837	\$43,732,181
1993	276	33.0%	\$3,754,571	9.6%	280	33.5%	\$7,262,323	18.6%	293	35.0%	\$3,721,519	9.5%	582	69.6%	\$17,623,531	45.2%	240	28.7%	\$5,652,343	14.5%	836	\$39,017,341
1994	269	33.5%	\$5,819,126	10.4%	255	31.7%	\$8,232,226	14.7%	265	33.0%	\$5,153,148	9.2%	531	66.0%	\$25,771,028	46.2%	223	27.7%	\$9,429,463	16.9%	804	\$55,812,536
1995	260	31.8%	\$2,464,479	10.3%	223	27.3%	\$3,063,778	12.8%	263	32.2%	\$2,351,283	9.8%	581	71.0%	\$10,145,992	42.4%	277	33.9%	\$4,222,584	17.6%	818	\$23,934,554
1996	212	28.8%	\$2,352,365	10.4%	185	25.1%	\$2,924,022	12.9%	262	35.5%	\$2,831,186	12.5%	496	67.3%	\$9,996,541	44.1%	235	31.9%	\$3,812,062	16.8%	737	\$22,648,993
1997	161	21.8%	\$1,261,044	4.8%	202	27.3%	\$2,513,130	9.7%	235	31.8%	\$2,087,908	8.0%	564	76.2%	\$17,090,548	65.7%	123	16.6%	\$1,675,522	6.4%	740	\$26,023,921
1998	190	26.0%	\$1,168,096	5.7%	187	25.5%	\$2,714,067	13.2%	274	37.4%	\$3,371,481	16.3%	526	71.9%	\$10,064,110	48.8%	123	16.8%	\$1,952,236	9.5%	732	\$20,623,110
1999	240	33.3%	\$2,828,130	10.3%	187	25.9%	\$3,418,127	12.5%	256	35.5%	\$4,173,959	15.2%	506	70.2%	\$12,426,976	45.3%	185	25.7%	\$3,470,141	12.7%	721	\$27,406,974
2000	196	27.5%	\$1,046,890	5.4%	152	21.3%	\$1,733,472	8.9%	221	31.0%	\$1,742,635	9.0%	532	74.7%	\$12,870,789	66.1%	109	15.3%	\$915,295	4.7%	712	\$19,457,992
2001	257	36.7%	\$2,523,362	11.5%	181	25.8%	\$3,659,373	16.7%	183	26.1%	\$1,648,579	7.5%	542	77.3%	\$12,222,991	55.8%	115	16.4%	\$1,154,069	5.3%	701	\$21,920,533
2002	176	26.4%	\$1,380,091	8.3%	163	24.5%	\$2,692,971	16.1%	168	25.2%	\$1,590,602	9.5%	491	73.7%	\$8,786,381	52.6%	75	11.3%	\$788,345	4.7%	666	\$16,712,791
2003	194	30.5%	\$2,023,103	11.1%	199	31.2%	\$3,299,331	18.1%	200	31.4%	\$2,289,081	12.6%	437	68.6%	\$8,072,002	44.3%	67	10.5%	\$779,171	4.3%	637	\$18,202,662
2004	219	31.8%	\$2,628,310	7.6%	186	27.0%	\$5,466,796	15.8%	248	36.0%	\$4,254,053	12.3%	498	72.4%	\$16,942,689	48.9%	117	17.0%	\$1,701,927	4.9%	688	\$34,680,482
2005	257	35.9%	\$2,810,167	9.1%	218	30.5%	\$5,677,041	18.4%	296	41.4%	\$4,859,935	15.8%	486	68.0%	\$15,405,008	50.0%	89	12.4%	\$998,346	3.2%	715	\$30,836,963
2006	332	45.0%	\$5,568,442	14.3%	223	30.3%	\$5,659,319	14.6%	274	37.2%	\$4,365,948	11.2%	497	67.4%	\$17,740,066	45.7%	132	17.9%	\$2,134,053	5.5%	737	\$38,850,567
2007	296	40.0%	\$2,604,964	7.8%	225	30.4%	\$5,816,666	17.4%	244	33.0%	\$2,984,407	8.9%	509	68.8%	\$16,647,313	49.8%	183	24.7%	\$2,441,281	7.3%	740	\$33,457,404
2008	284	38.1%	\$3,969,563	10.6%	216	29.0%	\$6,205,616	16.5%	253	34.0%	\$3,852,742	10.3%	537	72.1%	\$18,087,224	48.2%	148	19.9%	\$2,703,194	7.2%	745	\$37,499,584
2009	251	33.7%	\$1,397,805	5.8%	272	36.5%	\$5,453,282	22.7%	265	35.6%	\$2,213,173	9.2%	526	70.6%	\$11,731,086	48.9%	151	20.3%	\$1,419,098	5.9%	745	\$24,004,944
2010	251	34.4%	\$1,952,393	5.9%	266	36.5%	\$6,627,056	20.2%	279	38.3%	\$3,265,548	9.9%	543	74.5%	\$15,702,036	47.8%	148	20.3%	\$2,243,463	6.8%	729	\$32,828,173
2011	338	44.5%	\$4,107,456	12.8%	320	42.1%	\$9,461,228	29.4%	258	33.9%	\$2,410,953	7.5%	535	70.4%	\$13,425,983	41.7%	112	14.7%	\$1,431,746	4.4%	760	\$32,200,186
2012	287	38.6%	\$1,501,454	5.1%	399	53.7%	\$9,357,667	31.9%	248	33.4%	\$1,896,370	6.5%	522	70.3%	\$13,698,789	46.7%	121	16.3%	\$1,251,156	4.3%	743	\$29,351,210
2013	315	43.6%	\$3,985,202	10.1%	288	39.9%	\$8,566,577	21.7%	252	34.9%	\$3,314,237	8.4%	513	71.1%	\$18,349,718	46.4%	190	26.3%	\$4,022,733	10.2%	722	\$39,533,790
2014	221	29.2%	\$1,412,156	3.2%	277	36.6%	\$7,908,208	17.7%	263	34.8%	\$3,530,613	7.9%	550	72.8%	\$26,023,194	58.2%	119	15.7%	\$1,970,157	4.4%	756	\$44,690,804
2015	254	34.3%	\$1,650,128	6.7%	266	35.9%	\$3,864,577	15.6%	327	44.2%	\$3,833,488	15.5%	513	69.3%	\$12,663,220	51.1%	128	17.3%	\$1,179,778	4.8%	740	\$24,786,878
2016	236	31.7%	\$891,421	2.7%	249	33.4%	\$5,815,019	17.5%	264	35.4%	\$2,668,922	8.0%	550	73.8%	\$19,532,909	58.9%	97	13.0%	\$929,074	2.8%	745	\$33,156,198

- Adjusted for inflation to 2016 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Some Permits are used to record landings in more than one district.

Chapter 6 Permit Holdings in Multiple Southeast Alaska Salmon Fisheries

Because of their established fishing history in multiple fisheries prior to limitation, some initial permit holders were issued permits in more than one fishery. Table 6-1 provides counts of permit holders who were issued only one permit in a Southeast salmon fishery, 6-2 has counts of permit holders issued two permits in a Southeast salmon fishery, and 6-3 includes the counts of permit holders who were issued three permits in a Southeast salmon fishery. No individual was issued more than three permits in a Southeast salmon fishery.

Table 6-1. Initial Permit Issuance in One Southeast Alaska Salmon Fishery

	One Permit	Multiple Permits	Total
Southeast Alaska Purse Seine	321	97	418
Southeast Alaska Drift Gillnet	349	116	465
Yakutat Set Gillnet	151	20	171
Hand Troll	2,027	126	2,153
Power Troll	791	171	962

Table 6-2. Initial Permit Issuance in Two Southeast Alaska Salmon Fisheries

	Southeast Alaska Purse Seine	Southeast Alaska Drift Gillnet	Yakutat Set Gillnet	Hand Troll	Power Troll
Southeast Alaska Purse Seine		8	0	33	49
Southeast Alaska Drift Gillnet	8		0	34	71
Yakutat Set Gillnet	0	0		14	5
Hand Troll	33	34	14		39
Power Troll	49	71	5	39	

Table 6-3. Initial Permit Issuance in Three Southeast Alaska Salmon Fisheries

Purse Seine/Drift Gillnet/Hand Troll	1
Purse Seine/Drift Gillnet /Power Troll	2
Purse Seine/Hand Troll/Power Troll	4
Yakutat Set Gillnet/Hand Troll/Power Troll	1

Table 6-4 shows the count of Yakutat and Southeast permit holders who either held or fished in one or more fisheries at some point during the year. Both the hand and power troll fisheries are combined for tables 6-4 through 6-8. For this table, '1 Permit' indicates that the person did not hold multiple permits but held a sole permit only.

Table 6-4. Held and Fished Salmon Permits in Yakutat and Southeast Alaska

YEAR	1 Permit		2 Permits		3 Permits		4 Permits	
	Held	Fished	Held	Fished	Held	Fished	Held	Fished
1975	3,831	2,419	309	151	7	0	0	0
1976	3,594	2,492	319	160	7	2	0	0
1977	4,401	3,171	373	154	9	0	0	0
1978	5,232	3,946	430	228	9	1	0	0
1979	5,036	3,596	411	164	8	0	0	0
1980	4,073	3,118	270	147	4	0	0	0
1981	3,756	2,703	226	99	2	0	0	0
1982	3,654	2,624	198	90	2	0	0	0
1983	3,880	2,477	205	96	4	0	0	0
1984	3,903	2,448	195	77	1	0	1	0
1985	3,834	2,539	191	77	3	0	0	0
1986	3,830	2,510	176	59	3	0	0	0
1987	3,779	2,487	165	53	3	0	0	0
1988	3,754	2,542	165	54	2	0	0	0
1989	3,642	2,424	151	54	1	0	0	0
1990	3,658	2,424	155	57	0	0	0	0
1991	3,668	2,480	141	47	0	0	0	0
1992	3,574	2,390	142	47	0	0	0	0
1993	3,523	2,381	152	46	0	0	0	0
1994	3,490	2,254	140	52	1	0	0	0
1995	3,462	2,215	141	27	0	0	0	0
1996	3,376	2,043	136	32	0	0	0	0
1997	3,396	2,003	131	30	0	0	0	0
1998	3,327	1,946	130	23	2	0	0	0
1999	3,276	1,914	133	37	2	0	0	0
2000	3,273	1,869	136	37	2	1	1	0
2001	3,225	1,831	141	43	1	0	0	0
2002	3,069	1,577	142	46	3	0	0	0
2003	3,065	1,532	140	47	2	0	1	0
2004	2,972	1,548	156	66	2	0	1	0
2005	2,948	1,653	173	67	2	0	1	0
2006	2,907	1,669	186	68	2	0	1	0
2007	2,875	1,733	188	70	2	0	0	0
2008	2,808	1,702	191	80	0	0	0	0
2009	2,821	1,771	184	66	0	0	0	0
2010	2,835	1,725	185	68	2	0	0	0
2011	2,874	1,847	193	68	3	0	0	0
2012	2,798	1,796	168	54	3	0	0	0
2013	2,747	1,800	174	67	4	0	0	0
2014	2,714	1,805	181	62	1	0	0	0
2015	2,691	1,766	173	60	1	0	0	0
2016	2,652	1,682	169	63	1	0	0	0

Table 6-5 provides counts of S01A permit holders who made landings in the Southeast Alaska purse seine salmon fishery and those who also made landings in additional Southeast Alaska salmon fisheries. Please note that both the hand and power troll salmon fisheries are combined in the table below.

Table 6-5. Purse Seine Permit Holders With Participation in Other Southeast Alaska Salmon Fisheries

Year	Purse Seine Total	Purse Seine and 2nd Permit			Purse Seine and two more Permits		
		Purse Seine	Set Gillnet	Troll	Drift and Set Gillnet	Drift Gillnet and Troll	Set Gillnet and Troll
1975	293	3	0	51	0	0	0
1976	281	2	0	53	0	2	0
1977	326	2	0	49	0	0	0
1978	379	8	0	57	0	1	0
1979	319	4	0	45	0	0	0
1980	336	3	0	33	0	0	0
1981	364	1	0	24	0	0	0
1982	373	2	0	19	0	0	0
1983	341	2	0	22	0	0	0
1984	386	4	0	15	0	0	0
1985	370	1	0	13	0	0	0
1986	370	1	0	9	0	0	0
1987	384	2	0	10	0	0	0
1988	400	1	0	6	0	0	0
1989	370	1	0	6	0	0	0
1990	365	1	0	7	0	0	0
1991	384	1	0	7	0	0	0
1992	356	1	0	8	0	0	0
1993	392	2	0	4	0	0	0
1994	399	1	0	7	0	0	0
1995	378	1	0	5	0	0	0
1996	364	1	0	5	0	0	0
1997	355	2	0	6	0	0	0
1998	384	3	0	2	0	0	0
1999	362	3	0	4	0	0	0
2000	360	1	0	1	0	1	0
2001	350	0	0	3	0	0	0
2002	275	0	0	5	0	0	0
2003	237	0	0	2	0	0	0
2004	210	0	0	5	0	0	0
2005	232	1	0	5	0	0	0
2006	231	1	0	7	0	0	0
2007	238	2	0	6	0	0	0
2008	213	1	0	6	0	0	0
2009	257	1	0	4	0	0	0
2010	235	2	0	3	0	0	0
2011	270	2	0	8	0	0	0
2012	239	2	0	3	0	0	0
2013	281	2	0	4	0	0	0
2014	267	1	0	10	0	0	0
2015	286	1	0	10	0	0	0
2016	257	2	0	9	0	0	0

Table 6-6 provides counts of S03A permit holders who made landings in the Southeast Alaska drift gillnet salmon fishery and those who also made landings in additional Southeast Alaska salmon fisheries. Please note that both the hand and power troll salmon fisheries are combined in the table below.

Table 6-6. Drift Gillnet Permit Holders With Participation in Other Southeast Alaska Salmon Fisheries

Year	Drift Gillnet Total	Drift Gillnet and 2nd Permit			Drift Gillnet and two more Permits		
		Purse Seine	Set Gillnet	Troll	Purse Seine and Set Gillnet	Purse Seine and Troll	Set Gillnet and Troll
1975	459	3	0	94	0	0	0
1976	443	2	0	103	0	2	0
1977	448	2	0	96	0	0	0
1978	486	8	0	132	0	1	0
1979	463	4	0	89	0	0	0
1980	453	3	0	90	0	0	0
1981	459	1	0	62	0	0	0
1982	443	2	0	58	0	0	0
1983	439	2	0	60	0	0	0
1984	445	4	0	45	0	0	0
1985	459	1	0	46	0	0	0
1986	476	1	0	40	0	0	0
1987	474	2	0	33	0	0	0
1988	479	1	0	39	0	0	0
1989	474	1	0	40	0	0	0
1990	473	1	0	39	0	0	0
1991	475	1	0	34	0	0	0
1992	476	1	0	33	0	0	0
1993	472	2	0	34	0	0	0
1994	457	1	0	35	0	0	0
1995	460	1	0	18	0	0	0
1996	450	1	0	21	0	0	0
1997	429	2	0	15	0	0	0
1998	429	3	0	8	0	0	0
1999	438	3	0	17	0	0	0
2000	428	1	0	16	0	1	0
2001	438	0	0	21	0	0	0
2002	393	0	0	19	0	0	0
2003	378	0	0	22	0	0	0
2004	349	0	0	29	0	0	0
2005	371	1	0	25	0	0	0
2006	362	1	0	30	0	0	0
2007	392	2	0	28	0	0	0
2008	395	1	0	37	0	0	0
2009	408	1	0	27	0	0	0
2010	424	2	0	33	0	0	0
2011	447	2	0	35	0	0	0
2012	448	2	0	29	0	0	0
2013	457	2	0	38	0	0	0
2014	437	1	0	32	0	0	0
2015	431	1	0	30	0	0	0
2016	428	2	0	32	0	0	0

Table 6-7 provides counts of S04D permit holders who made landings in the Yakutat set gillnet salmon fishery and those who also made landings in additional Southeast Alaska salmon fisheries. Please note that both the hand and power troll salmon fisheries are combined in the table below.

Table 6-7. Yakutat Set Gillnet Permit Holders With Participation in Other Southeast Alaska Salmon Fisheries

Year	Set Gillnet Total	Set Gillnet and 2nd Permit			Set Gillnet and two more Permits		
		Seine	Drift	Troll	Purse Seine and Drift Gillnet	Purse Seine and Troll	Drift Gillnet and Troll
1975	136	0	0	3	0	0	0
1976	138	0	0	2	0	0	0
1977	151	0	0	7	0	0	0
1978	158	0	0	31	0	0	0
1979	163	0	0	26	0	0	0
1980	161	0	0	21	0	0	0
1981	162	0	0	12	0	0	0
1982	148	0	0	11	0	0	0
1983	149	0	0	12	0	0	0
1984	144	0	0	13	0	0	0
1985	151	0	0	17	0	0	0
1986	155	0	0	9	0	0	0
1987	159	0	0	8	0	0	0
1988	168	0	0	8	0	0	0
1989	171	0	0	7	0	0	0
1990	167	0	0	10	0	0	0
1991	174	0	0	5	0	0	0
1992	172	0	0	5	0	0	0
1993	170	0	0	6	0	0	0
1994	155	0	0	9	0	0	0
1995	156	0	0	3	0	0	0
1996	150	0	0	5	0	0	0
1997	154	0	0	7	0	0	0
1998	150	0	0	10	0	0	0
1999	135	0	0	13	0	0	0
2000	130	0	0	19	0	0	0
2001	119	0	0	19	0	0	0
2002	90	0	0	22	0	0	0
2003	110	0	0	23	0	0	0
2004	116	0	0	32	0	0	0
2005	118	0	0	36	0	0	0
2006	108	0	0	30	0	0	0
2007	127	0	0	34	0	0	0
2008	131	0	0	36	0	0	0
2009	128	0	0	34	0	0	0
2010	132	0	0	30	0	0	0
2011	132	0	0	23	0	0	0
2012	115	0	0	20	0	0	0
2013	106	0	0	23	0	0	0
2014	117	0	0	19	0	0	0
2015	113	0	0	19	0	0	0
2016	109	0	0	20	0	0	0

Table 6-8 provides counts of both S05B and S15B permit holders who made landings in the troll salmon fishery and those who also made landings in additional Southeast Alaska salmon fisheries. Please note that unless otherwise specified, both the hand and power troll salmon fisheries are combined in the table below.

Table 6-8. Hand and Power Troll Permit Holders With Participation in Other Southeast Alaska Salmon Fisheries

Year	Hand or Power Troll	Hand Troll Only	Power Troll Only	Hand and/or Power Troll and 2nd Permit			Hand/Power Troll and two more Permits		
				Seine	Drift	Set	Purse Seine and Drift Gillnet	Purse Seine and Set Gillnet	Drift and Set Gillnet
1975	1,833	1,056	740	51	94	3	0	0	0
1976	1,956	1,208	718	53	103	2	2	0	0
1977	2,554	1,796	718	49	96	7	0	0	0
1978	3,382	2,559	756	57	132	31	1	0	0
1979	2,979	2,145	773	45	89	26	0	0	0
1980	2,462	1,611	795	33	90	21	0	0	0
1981	1,916	1,115	763	24	62	12	0	0	0
1982	1,840	1,025	772	19	58	11	0	0	0
1983	1,740	915	788	22	60	12	0	0	0
1984	1,627	825	766	15	45	13	0	0	0
1985	1,713	878	805	13	46	17	0	0	0
1986	1,627	794	811	9	40	9	0	0	0
1987	1,576	742	808	10	33	8	0	0	0
1988	1,603	766	815	6	39	8	0	0	0
1989	1,517	680	821	6	40	7	0	0	0
1990	1,533	690	825	7	39	10	0	0	0
1991	1,541	682	831	7	34	5	0	0	0
1992	1,480	631	825	8	33	5	0	0	0
1993	1,439	591	821	4	34	6	0	0	0
1994	1,347	535	795	7	35	9	0	0	0
1995	1,275	449	809	5	18	3	0	0	0
1996	1,143	403	727	5	21	5	0	0	0
1997	1,125	378	738	6	15	7	0	0	0
1998	1,029	295	723	2	8	10	0	0	0
1999	1,053	329	713	4	17	13	0	0	0
2000	1,028	304	712	1	16	19	1	0	0
2001	1,010	297	701	3	21	19	0	0	0
2002	911	242	657	5	19	22	0	0	0
2003	901	257	631	2	22	23	0	0	0
2004	1,005	309	681	5	29	32	0	0	0
2005	1,066	345	709	5	25	36	0	0	0
2006	1,104	359	727	7	30	30	0	0	0
2007	1,116	368	736	6	28	34	0	0	0
2008	1,123	372	741	6	37	36	0	0	0
2009	1,110	360	743	4	27	34	0	0	0
2010	1,070	334	726	3	33	30	0	0	0
2011	1,134	365	753	8	35	23	0	0	0
2012	1,102	348	744	3	29	20	0	0	0
2013	1,090	358	722	4	38	23	0	0	0
2014	1,108	343	759	10	32	19	0	0	0
2015	1,056	308	734	10	30	19	0	0	0
2016	1,014	261	743	9	32	20	0	0	0

Appendix A. Stacked Permit Regulations

2002: AS 16.43.140 (c) was amended to allow individuals to hold two salmon limited entry permits in the same fishery.
2006: AS 16.05.251 (i) gives the BOF the authority to grant fishing privileges to the second permit held by an individual.

Fishery	First Season In Effect	Basic Regulation	Identification	Special Considerations	Regulation
Kodiak Salmon Set Gillnet S04K	2 regulations: (a) 2008 and (b) 1985 then 2010:	(a) Permit holders may own and fish 2 permits simultaneously. Their allowable gear doubles from 2 nets and 150 fathoms to 4 nets and 300 fathoms. (b) Two permit holders may fish in a joint venture; the operation's total allowable gear increases from 2 nets and 150 fathoms to 3 nets and to 300 fathoms	In 2008 persons who fished 2 permits were issued 2 permit cards: a standard card and a white-colored (non-functioning) card. In 2009, the non-functioning card was yellow-colored. In 2010, persons were issued 2 standard cards, and either could be used to record a landing. Gillnet buoys must be marked with a 'D' and both permit numbers when operation fishes 2 permits.	(a) this regulation expired after 2010	5 AAC 18.331
Bristol Bay Salmon Set Gillnet S04T	2010	Permit holders may own and fish 2 permits simultaneously. Their allowable gear doubles from 2 nets and 50 fathoms to 4 nets and 100 fathoms.	Persons who fish 2 permits are issued 2 permit cards. Each are standard cards and either can be used to record a landing. Gillnet buoys must be marked with a 'D' and with both permit numbers when the operation fishes 2 permits.	(u) expired after 2012	5 AAC 06.331(u)
Cook Inlet Salmon Drift Gillnet S03H	2017	Permit holders may own and fish 2 permits simultaneously. Their allowable gear increases from 150 (with 1 permit) to 200 fathoms of drift gillnet gear.	Vessels display a 'D' adjacent to the license plate when fishing 2 permits. Otherwise, the 'D' is to be covered		5 AAC 21.333(a)
Cook Inlet Salmon Set Gillnet S04H	2011	Permit holders may own and fish 2 permits simultaneously. Their allowable gear doubles from 4 nets and 105 fathoms to 210 fathoms in aggregate, with no single net longer than 35 fathoms, of which no more than 105 fathoms may be more than 29 meshes in depth in the Upper Subdistrict.	Persons who fish 2 permits are issued 2 permit cards. Each are standard cards and either can be used to record a landing. Gillnet buoys must be marked with a 'D' and with both permit numbers when the operation fishes 2 permits. The identification buoy attached to gillnet gear of no more than 29 meshes in depth must be marked with a "D 29" following the CFEC permit holder's permit number.		5 AAC 21.331
Yakutat Salmon Set Gillnet S04D	2012	Permit holders may own and fish 2 permits simultaneously. Their allowable gear doubles from 4 nets and 105 fathoms to 210 fathoms in aggregate, with no single net longer than 35 fathoms.	Persons who fish 2 permits are issued 2 permit cards. Each are standard cards and either can be used to record a landing. Gillnet buoys must be marked with a 'D' and with both permit numbers when the operation fishes 2 permits. Valid only for Situk, Yakutat Bay, and Kaliakh, and only if Situk Chinook escapement exceeds 750 fish.	(e) Unless reauthorized, this regulation expires December 31, 2017	5 AAC 30.345