

CFEC Permit Holdings and Estimates of Gross Earnings in the Yakutat and Southeast Alaska Commercial Salmon Fisheries, 1975-2020

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Abstract

This report examines limited entry permits in the five Yakutat and Southeast Alaska commercial salmon fisheries: purse seine (S01A permits), drift gillnet (S03A permits), Yakutat set gillnet (S04D permits), statewide hand troll (S05B permits), and statewide power troll (S15B permits). We present summary statistics on the number of permits held, permanent and emergency permit transfers, permit value, permit latency, new entrants in the fisheries, permit holder median age, estimated gross earnings, and vessel characteristics for these five permit types. Some summary statistics are separated by resident type. We also provide a description of the computer files and methods used to generate the statistics.

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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 are the purse seine (S01A), drift gillnet (S03A), set gillnet (S04D), hand troll (S05B), and power troll (S15B) fisheries.

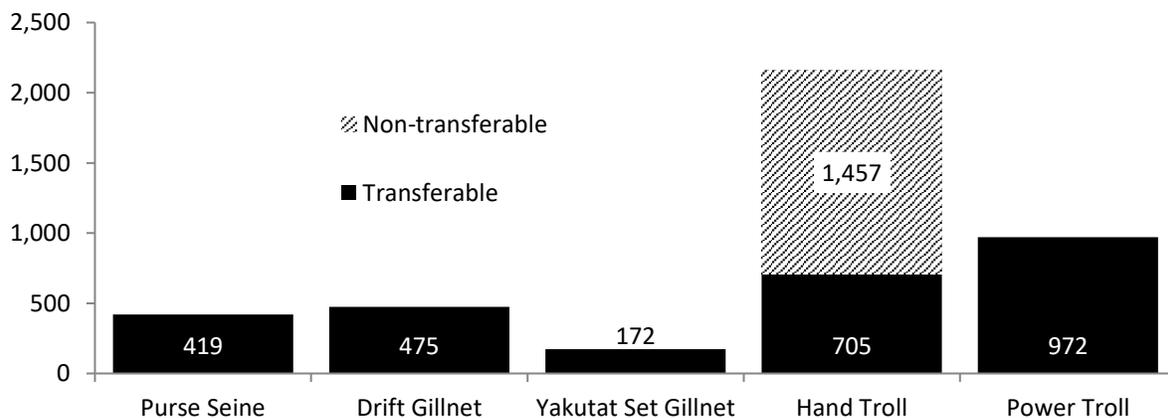
In 1972, Alaskan voters amended the state constitution to allow limited entry in the state's commercial fisheries. Following the amendment, in 1973 the Alaska State Legislature enacted the Limited Entry Act (AS 16.43), giving the Commercial Fisheries Entry Commission (CFEC) the authority to administer 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 can occur 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, harvest size, and related data can be found in the Alaska Department of Fish and Game’s (ADF&G) Area Management Reports. This report focuses on the economics of these commercial fisheries.

Pink salmon made up the largest percentage of ex-vessel value in the Southeast Alaska commercial salmon harvest over 1975-2020, at 33% (Table 0-1). The percentage of ex-vessel value accounted for by each salmon species varied across years as well as across the five Southeast Alaska permit types. Commercial harvests of species other than salmon were documented at extremely low rates and are not displayed in Table 0-1.

Table 0-1. Percent of Total Ex-vessel Value of Southeast Alaska Salmon Fisheries by Species, 1975-2020

Species	Southeast Purse Seine	Southeast Drift Gillnet	Yakutat Set Gillnet	Hand Troll	Power Troll	Total Southeast Salmon
<i>Chinook</i>	1.0%	2.6%	1.8%	35.1%	43.0%	12.9%
<i>sockeye</i>	10.7%	32.7%	50.0%	0.3%	0.3%	13.0%
<i>coho</i>	3.5%	14.0%	44.0%	58.3%	51.4%	20.4%
<i>pink</i>	60.8%	9.0%	2.8%	5.1%	2.0%	33.0%
<i>chum</i>	24.0%	41.7%	1.4%	1.2%	3.3%	20.7%

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 data are 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 originating from CFEC permit renewal and permit transfer forms on persons who hold or have held CFEC permits. 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 four 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
- **Alaska Data Missing** – Alaska residents for whom address information is missing
- **Nonresidents** – permits held by persons who are not residents of Alaska

CFEC Vessel File

CFEC maintains a data set 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 data set 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	Katlian	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	Token
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. Rounded aggregates may appear to not total due to rounding. If you would like more precise figures, please contact the CFEC research unit. Some figures may vary from previous reports when data have been corrected and/or 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 2020 Totals of Southeast Alaska Salmon Purse Seine Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

Residency	INITIAL ISSUE		TRANSFERS		MIGRATIONS		CANCELLED		2020 YEAR-END	
	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percentage
Local	213	50.8%	-3	-1.4%	-20	-9.4%	-38	-17.8%	152	54.5%
Nonlocal	1	0.2%	15	1500.0%	-1	-100.0%	-12	-1200.0%	3	1.1%
Nonresident	205	48.9%	-13	-6.3%	18	8.8%	-90	-43.9%	120	43.0%
AK Data Missing	0	0.0%	1	.	3	.	0	.	4	1.4%
Total	419	100.0%	0	0.0%	0	0.0%	-140	-33.4%	279	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.

One hundred thirty-five permits were canceled in the purse seine fishery through three separate permit buybacks. Thirty-five, 64, and 36 permits were bought back in 2008, 2012, and 2019 respectively.

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, 1980-2020

Acquisition Method	S01A Permit		Combined Southeast Salmon		Statewide Salmon Purse Seine		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	219	20.9%	1,568	16.8%	1,093	27.6%	13,099	32.5%
Sale	739	70.4%	7,074	76.0%	2,501	63.1%	23,650	58.6%
Trade	20	1.9%	148	1.6%	64	1.6%	528	1.3%
Inheritance	52	5.0%	369	4.0%	167	4.2%	1829	4.5%
Other	19	1.8%	149	1.6%	137	3.5%	1257	3.1%
Total	1,049		9,308		3,962		40,363	

² CFEC implemented the transfer survey in 1980.

Table 1-2 provides counts of permits by transfer acquisition method 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 2020. More than two-thirds of all S01A permit transfers were sales (70.4%, or 739/1,049), just over a fifth were transferred as gifts (20.9% or 219/1,049), and a smaller percentage were trades (1.9% or 20/1,049), inheritance (5% or 52/1,049) or other (1.8% or 19/1,049).

Table 1-3. Relationships of Transferor to Transfer Recipients for Southeast Alaska Salmon Purse Seine Permits, 1980-2020

Relationship	S01A Permit		Combined Southeast Salmon		Statewide Salmon Purse Seine		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	205	19.5%	1,859	20.0%	700	17.7%	7,528	18.7%
Member of Immediate Family	276	26.3%	1,941	20.9%	1,266	32.0%	13,614	33.7%
Other Relative	28	2.7%	248	2.7%	150	3.8%	1,812	4.5%
Other/None	540	51.5%	5,260	56.5%	1,846	46.6%	17,409	43.1%
Total	1,049		9,308		3,962		40,363	

Table 1-3 shows the relationships between the transferors and transfer recipients for S01A permits and provides counts of 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 2020. Transfers within the family, both immediate family members and other relatives, total 28.9% (304/1,049) of all transfers. This compares to 23.5% (2,189/9,308) for all five Southeast Alaska salmon permit types combined, 35.7% (1,416/3,962) for statewide salmon purse seine permits, and 38.2% (15,426/40,363) for all limited entry permits statewide.

Emergency Transfers of S01A Permits

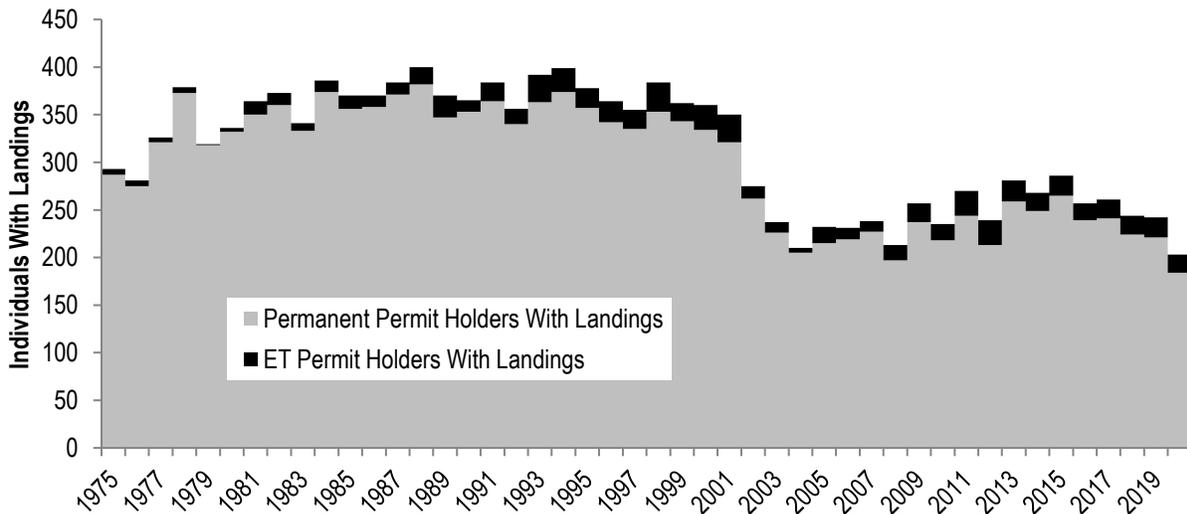
Commercial landings can be made with either permanently-held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, 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 fisher. At the end of the year, ET permits automatically revert 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, 1975-2020

Year	Individuals with Landings	ET Permit Holders with Landings	ET Rate	Year	Individuals with Landings	ET Permit Holders with Landings	ET Rate	Year	Individuals with Landings	ET Permit Holders with Landings	ET Rate
1975	293	6	2.0%	1991	384	20	5.2%	2007	238	11	4.6%
1976	281	6	2.1%	1992	356	16	4.5%	2008	213	16	7.5%
1977	326	5	1.5%	1993	392	29	7.4%	2009	257	20	7.8%
1978	379	6	1.6%	1994	399	25	6.3%	2010	235	17	7.2%
1979	319	1	0.3%	1995	378	21	5.6%	2011	270	26	9.6%
1980	336	4	1.2%	1996	364	22	6.0%	2012	239	26	10.9%
1981	364	14	3.8%	1997	355	20	5.6%	2013	281	22	7.8%
1982	373	13	3.5%	1998	384	31	8.1%	2014	268	19	7.1%
1983	341	8	2.3%	1999	362	19	5.2%	2015	286	21	7.3%
1984	386	12	3.1%	2000	360	26	7.2%	2016	257	18	7.0%
1985	370	14	3.8%	2001	350	29	8.3%	2017	261	20	7.7%
1986	370	12	3.2%	2002	275	13	4.7%	2018	244	20	8.2%
1987	384	13	3.4%	2003	237	11	4.6%	2019	242	21	8.7%
1988	400	18	4.5%	2004	210	5	2.4%	2020	203	19	9.4%
1989	370	23	6.2%	2005	232	17	7.3%				
1990	365	12	3.3%	2006	231	12	5.2%				

Figure 1-1. Use of Emergency Transfer Permits in the Southeast Alaska Salmon Purse Seine Fishery, 1975-2020



Latent S01A Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they fish. Permits that are not used (don't record landings) in a particular 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.

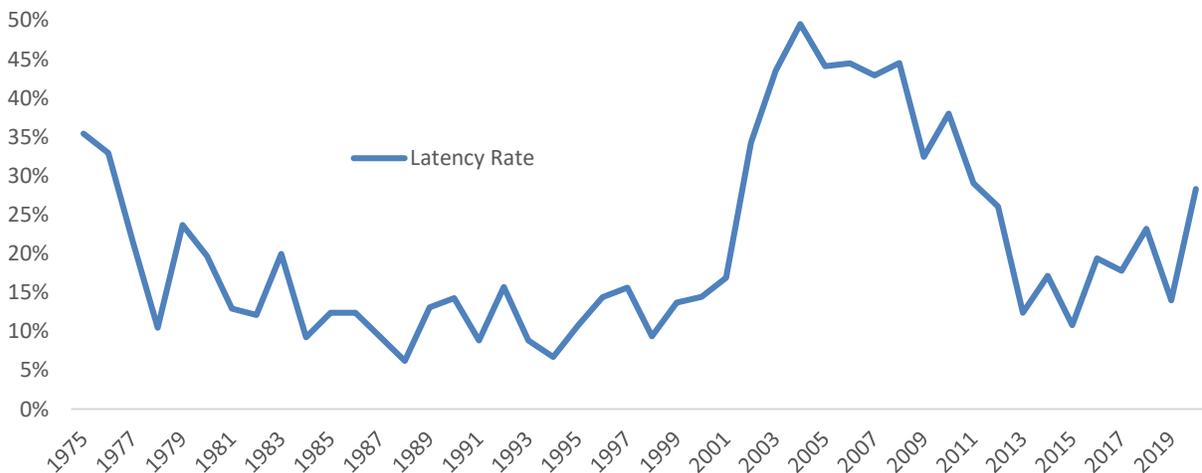
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

Table 1-5. Southeast Alaska Salmon Purse Seine Permit Latency, 1975-2020

Year	Permits Issued	Fished	Latency Rate	Year	Permits Issued	Fished	Latency Rate	Year	Permits Issued	Fished	Latency Rate
1975	443	286	35.4%	1991	420	383	8.8%	2007	415	237	42.9%
1976	416	279	32.9%	1992	420	354	15.7%	2008	382	212	44.5%
1977	414	325	21.5%	1993	419	382	8.8%	2009	379	256	32.5%
1978	420	376	10.5%	1994	418	390	6.7%	2010	379	235	38.0%
1979	418	319	23.7%	1995	418	373	10.8%	2011	379	269	29.0%
1980	417	335	19.7%	1996	417	357	14.4%	2012	315	233	26.0%
1981	418	364	12.9%	1997	416	351	15.6%	2013	315	276	12.4%
1982	421	370	12.1%	1998	416	377	9.4%	2014	315	261	17.1%
1983	421	337	20.0%	1999	416	359	13.7%	2015	315	281	10.8%
1984	422	383	9.2%	2000	416	356	14.4%	2016	315	254	19.4%
1985	420	368	12.4%	2001	415	345	16.9%	2017	315	259	17.8%
1986	420	368	12.4%	2002	415	273	34.2%	2018	315	242	23.2%
1987	420	381	9.3%	2003	416	235	43.5%	2019	279	240	14.0%
1988	420	394	6.2%	2004	414	209	49.5%	2020	279	200	28.3%
1989	420	365	13.1%	2005	415	232	44.1%				
1990	420	360	14.3%	2006	414	230	44.4%				

- 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, 1975-2020



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 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.

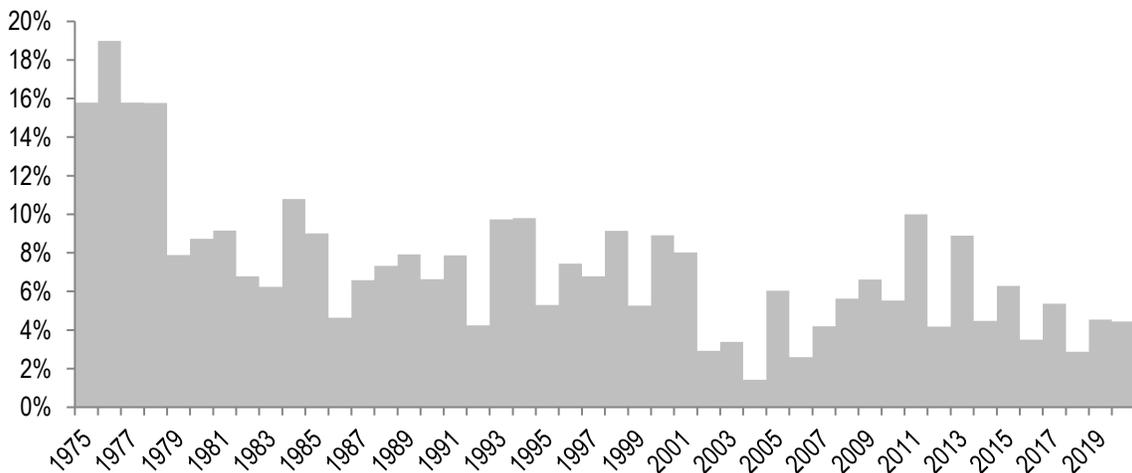
Table 1-6 and Figure 1-3 describe individuals rather than permits. An individual may hold up to two permits in this fishery but can only fish one of them. An individual may hold one S01A permit one year, and then in subsequent years hold a different S01A permit. Likewise, individuals may enter and exit 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, 1975-2020

Year	Individuals w/Landings	New	Percent New	Year	Individuals w/Landings	New	Percent New	Year	Individuals w/Landings	New	Percent New
1975	277	42	15.2%	1991	381	30	7.9%	2007	238	10	4.2%
1976	279	20	19.0%	1992	354	15	4.2%	2008	213	12	5.6%
1977	323	30	15.8%	1993	390	38	9.7%	2009	257	17	6.6%
1978	374	40	15.8%	1994	398	39	9.8%	2010	235	13	5.5%
1979	317	25	7.9%	1995	377	20	5.3%	2011	270	27	10.0%
1980	332	29	8.7%	1996	363	27	7.4%	2012	239	10	4.2%
1981	360	33	9.2%	1997	354	24	6.8%	2013	281	25	8.9%
1982	369	25	6.8%	1998	383	35	9.1%	2014	268	12	4.5%
1983	337	21	6.2%	1999	361	19	5.3%	2015	286	18	6.3%
1984	380	41	10.8%	2000	359	32	8.9%	2016	257	9	3.5%
1985	366	33	9.0%	2001	349	28	8.0%	2017	261	14	5.4%
1986	366	17	4.6%	2002	274	8	2.9%	2018	244	7	2.9%
1987	380	25	6.6%	2003	236	8	3.4%	2019	242	11	4.5%
1988	396	29	7.3%	2004	210	3	1.4%	2020	203	9	4.4%
1989	366	29	7.9%	2005	232	14	6.0%				
1990	362	24	6.6%	2006	231	6	2.6%				

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

Figure 1-3. New Entrants into the Southeast Alaska Salmon Purse Seine Fishery, 1975-2020



Age of S01A Permit Holders

Table 1-7 shows the annual median 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 general population of Alaska.

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 median age of the general Alaska population has increased 9.7 years between 1980 and 2020, which represents a 37.3% increase. The percent change in ages over the same period for all CFEC permit holders increased by 39.1% (15.5 years), 36.1% (14.8 years) for the statewide salmon purse seine permit holders, and 29.7% (12.4 years) for the combined Southeast Alaska salmon permit holders.

For S01A permit holders, the median age increased 26.7% (11.7 years).

Table 1-7. Median Age of Select CFEC Permit Holders and the General Alaska population

Year	S01A	Combined Southeast Salmon	Statewide Salmon Purse Seine	Statewide All Permits	Median Alaska Age
1980	43.9	41.7	40.9	39.6	26.0
1981	43.5	41.0	40.9	39.5	26.4
1982	43.5	40.7	40.7	39.5	26.8
1983	42.3	40.6	40.4	39.6	27.1
1984	42.4	40.7	40.9	39.9	27.3
1985	42.4	40.9	41.2	40.1	27.5
1986	42.8	40.2	40.9	40.1	27.8
1987	42.7	40.5	40.8	40.4	28.2
1988	42.4	40.6	40.9	40.6	28.6
1989	42.8	41.1	41.1	41.0	29.0
1990	42.6	41.6	41.7	41.4	29.3
1991	43.0	42.0	41.9	41.9	29.7
1992	43.6	43.0	42.7	42.4	30.1
1993	44.0	43.5	43.2	43.0	30.5
1994	44.2	43.7	43.5	43.5	30.8
1995	44.4	44.4	43.9	43.9	31.1
1996	44.7	44.8	44.6	44.5	31.5
1997	45.6	45.6	45.5	45.0	31.8
1998	46.1	46.0	46.0	45.6	32.1
1999	47.0	46.7	46.9	46.1	32.3
2000	47.2	47.1	47.1	46.6	32.4
2001	48.1	47.9	48.1	47.0	32.7
2002	49.0	48.6	48.8	47.7	33.0
2003	50.0	49.5	49.7	48.4	33.2
2004	51.0	50.3	50.7	48.8	33.4
2005	51.8	50.6	51.4	49.3	33.6
2006	52.7	51.1	51.9	49.7	33.8
2007	53.4	51.5	52.5	50.1	33.9
2008	53.9	51.8	52.6	50.5	33.9
2009	54.7	52.1	53.5	51.1	33.9
2010	55.2	52.2	53.8	51.4	33.8
2011	54.8	52.3	53.9	51.8	33.9
2012	53.0	52.1	54.2	52.1	34.1
2013	51.7	51.8	53.9	52.4	34.3
2014	52.5	52.3	53.9	52.7	34.3
2015	53.1	52.7	54.2	53.3	34.5
2016	53.7	53.2	55.1	53.8	34.7
2017	54.0	53.5	55.2	54.2	34.9
2018	54.7	53.9	55.6	54.7	35.2
2019	55.1	53.6	55.4	54.8	35.5
2020	55.6	54.1	55.7	55.1	35.7

- Median Alaska Age is the annual median age of all Alaskans 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.

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 only expressed in real (adjusted for inflation) terms.

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

Year	S01A Permit Sales	Real	
		Permit Value	Standard Deviation
1982	21	\$112,112	-
1983	16	\$102,996	-
1984	34	\$104,779	-
1985	27	\$93,823	-
1986	16	\$87,587	-
1987	30	\$95,700	\$11,600
1988	15	\$148,200	\$44,700
1989	27	\$170,600	\$36,500
1990	15	\$225,300	\$54,900
1991	19	\$181,200	\$11,000
1992	15	\$123,300	\$20,500
1993	16	\$146,700	\$12,000
1994	24	\$132,200	\$11,300
1995	15	\$132,600	\$6,700
1996	15	\$103,900	\$19,100
1997	20	\$83,100	\$8,900
1998	22	\$80,800	\$10,700
1999	16	\$64,600	\$8,300
2000	23	\$60,700	\$5,700
2001	21	\$52,200	\$7,800
2002	22	\$33,700	\$6,000
2003	8	\$45,700	\$8,000
2004	6	\$45,200	\$4,400
2005	16	\$57,000	\$6,900
2006	15	\$69,800	\$9,800
2007	15	\$76,700	\$9,100
2008	9	\$83,900	\$5,900
2009	17	\$90,400	\$6,100
2010	25	\$106,700	\$25,800
2011	21	\$153,300	\$17,300
2012	10	\$273,700	\$16,200
2013	11	\$343,800	\$23,200
2014	5	\$344,900	\$9,600
2015	10	\$280,800	\$49,500
2016	3	\$183,600	\$14,400
2017	6	\$224,100	\$9,700
2018	5	\$206,700	\$8,200
2019	11	\$236,200	\$22,100
2020	5	\$208,800	\$30,400

- 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 have been included until at least four observations could be averaged.
- The Standard Deviation was not calculated prior to 1987. See https://www.cfec.state.ak.us/pmtvalue/pre1987_main.htm for details..
- Real permit values were calculated using the 2021 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	380	372	47	59	74	373	36	47	49	257	25	37	46	304	18	26	32	366	150	190	250	170	540	950	1,440
1979	374	366	46	57	72	370	32	47	49	255	25	39	47	297	17	27	32	352	150	210	270	172	400	1,000	1,452
1980	381	376	44	55	71	375	32	47	49	265	26	40	50	302	18	27	34	356	165	220	280	181	400	1,000	1,500
1981	381	377	43	56	72	377	34	48	49	278	26	40	50	312	18	27	36	363	165	220	280	183	500	1,000	1,500
1982	380	377	43	56	73	378	39	48	49	280	28	40	52	319	19	27	37	367	165	225	300	188	675	1,083	1,600
1983	375	370	42	55	72	375	35	48	49	281	27	41	52	310	18	28	37	366	165	225	300	198	640	1,085	1,600
1984	639	627	42	47	61	635	18	29	49	323	19	38	50	347	14	26	35	610	135	200	250	203	650	1,100	1,700
1985	629	614	41	47	60	626	18	29	49	325	16	36	49	347	13	25	34	606	135	193	250	206	700	1,100	1,700
1986	660	647	41	47	60	656	18	29	49	352	19	38	50	363	14	26	35	636	135	198	250	231	750	1,105	1,700
1987	731	716	41	47	60	727	18	29	49	395	20	38	50	403	15	26	34	701	140	195	250	269	800	1,100	1,600
1988	730	713	41	47	59	726	18	25	49	398	20	39	51	389	16	27	36	701	140	200	250	261	800	1,100	1,600
1989	714	700	41	47	59	711	18	26	49	410	16	38	50	393	18	27	36	691	145	200	250	267	800	1,085	1,600
1990	731	717	40	46	58	729	18	25	49	406	17	38	51	390	17	27	37	708	150	200	250	273	800	1,085	1,600
1991	727	713	40	46	58	725	18	26	49	411	16	40	52	396	17	27	38	707	150	200	260	268	800	1,200	1,613
1992	726	712	40	46	57	725	18	21	49	400	19	40	53	379	20	28	38	704	150	210	260	259	850	1,200	1,600
1993	720	707	40	45	57	717	18	26	49	400	24	41	55	386	20	29	40	702	160	217	285	268	857	1,200	1,700
1994	726	712	39	45	55	725	18	25	49	392	27	42	57	374	21	29	40	696	165	217	300	265	854	1,200	1,700
1995	715	703	38	44	54	715	18	21	49	376	25	42	57	361	21	29	40	679	160	216	300	251	854	1,200	1,600
1996	690	678	38	44	53	690	18	21	52	355	25	42	56	345	21	29	39	652	160	218	300	229	900	1,200	1,600
1997	705	692	37	43	52	705	18	20	54	349	25	42	57	336	21	30	40	667	160	220	300	230	900	1,255	1,625
1998	745	733	35	42	51	745	18	21	54	374	20	42	57	362	20	30	40	710	160	220	300	242	900	1,262	1,700
1999	706	695	35	42	51	706	18	21	54	354	22	43	57	343	21	30	40	672	163	220	300	235	900	1,260	1,700
2000	715	704	35	42	51	715	18	21	54	367	24	43	58	354	20	30	40	678	165	220	300	239	900	1,260	1,700
2001	693	684	34	42	51	693	18	21	55	352	27	44	57	342	20	30	40	661	165	220	300	235	900	1,260	1,750
2002	643	633	33	42	50	643	18	21	54	326	25	44	58	317	20	30	40	611	165	225	300	212	923	1,272	1,800
2003	613	602	33	41	48	613	18	21	54	308	25	44	58	305	19	30	40	582	165	225	310	203	900	1,300	1,800
2004	581	569	33	41	48	581	18	21	54	286	26	45	59	280	20	31	41	553	165	225	310	190	925	1,300	1,800
2005	608	599	33	41	48	608	18	21	54	304	26	44	59	295	20	30	41	579	165	225	320	199	920	1,300	1,950
2006	589	580	33	41	47	589	18	21	54	303	18	44	59	289	19	30	42	565	165	225	320	198	900	1,250	1,800
2007	588	575	32	41	47	588	18	21	54	296	18	44	59	283	19	31	42	565	165	225	320	194	900	1,272	1,800
2008	582	571	32	41	47	582	18	21	54	288	17	43	58	276	19	30	41	557	165	225	310	196	852	1,213	1,800
2009	615	605	32	40	47	615	18	20	55	311	18	44	59	293	19	31	42	585	165	230	325	207	900	1,300	1,940
2010	614	604	32	40	47	614	18	21	55	315	17	44	59	299	15	30	41	587	165	230	330	209	900	1,250	1,900
2011	639	628	31	40	47	639	18	21	55	328	18	44	59	313	12	30	40	606	173	238	340	222	854	1,257	1,960
2012	622	611	30	40	46	622	19	21	55	313	25	45	60	299	15	31	42	589	175	245	340	210	920	1,300	2,000
2013	621	609	30	40	46	621	19	20	56	313	26	46	60	300	15	31	42	590	180	245	350	211	950	1,300	2,000
2014	601	591	30	40	46	601	19	21	56	308	21	45	59	292	12	31	41	568	180	250	350	198	1000	1,300	2,000
2015	601	590	29	40	46	601	19	21	56	306	31	46	60	289	15	32	43	564	188	250	350	203	1000	1,400	2,100
2016	585	575	29	40	46	585	19	21	56	299	30	46	60	279	14	31	43	552	190	250	350	200	1000	1,340	2,000
2017	585	577	29	40	46	585	19	21	56	297	32	46	61	281	15	31	43	548	200	250	350	200	1000	1,400	2,000
2018	573	566	29	40	46	573	19	21	57	296	32	46	61	282	14	31	43	540	200	250	350	200	1000	1,400	2,000
2019	577	570	28	38	46	577	19	22	57	300	31	47	63	283	11	31	43	540	200	270	360	202	1000	1,400	2,050
2020	532	528	27	39	46	532	19	22	57	278	33	48	63	261	12	32	45	492	200	273	365	185	1000	1,400	2,000
Mean	613	602	.	.	.	611	.	.	.	329	.	.	.	325	.	.	.	584	.	.	.	218	.	.	.

• Totals include every vessel used in this fishery from 1978 to 2020.

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					Hull Data Missing							
		Diesel		Gas		Engine Data Missing	Aluminum		Fiberglass	Concrete	Steel		Wood						
1978	380	296	78.0%	79	21.0%	5	1.0%	26	7.0%	64	17.0%	1	0.0%	59	16.0%	227	60.0%	3	1.0%
1979	374	291	78.0%	77	21.0%	6	2.0%	41	11.0%	60	16.0%	1	0.0%	63	17.0%	205	55.0%	4	1.0%
1980	381	298	78.0%	80	21.0%	3	1.0%	42	11.0%	72	19.0%	1	0.0%	64	17.0%	198	52.0%	4	1.0%
1981	381	307	81.0%	71	19.0%	3	1.0%	44	12.0%	65	17.0%	1	0.0%	65	17.0%	201	53.0%	5	1.0%
1982	380	304	80.0%	75	20.0%	1	0.0%	41	11.0%	61	16.0%	1	0.0%	73	19.0%	200	53.0%	4	1.0%
1983	375	299	80.0%	73	19.0%	3	1.0%	50	13.0%	59	16.0%	1	0.0%	73	19.0%	189	50.0%	3	1.0%
1984	639	541	85.0%	88	14.0%	10	2.0%	241	38.0%	81	13.0%	1	0.0%	120	19.0%	189	30.0%	7	1.0%
1985	629	534	85.0%	86	14.0%	9	1.0%	251	40.0%	75	12.0%	1	0.0%	113	18.0%	184	29.0%	5	1.0%
1986	660	567	86.0%	82	12.0%	11	2.0%	264	40.0%	74	11.0%	1	0.0%	126	19.0%	192	29.0%	3	0.0%
1987	731	635	87.0%	82	11.0%	14	2.0%	282	39.0%	86	12.0%	1	0.0%	153	21.0%	206	28.0%	3	0.0%
1988	730	639	88.0%	77	11.0%	14	2.0%	281	38.0%	87	12.0%	1	0.0%	154	21.0%	202	28.0%	5	1.0%
1989	714	638	89.0%	67	9.0%	9	1.0%	273	38.0%	85	12.0%	0	0.0%	156	22.0%	196	27.0%	4	1.0%
1990	731	648	89.0%	75	10.0%	8	1.0%	292	40.0%	87	12.0%	0	0.0%	153	21.0%	191	26.0%	6	1.0%
1991	727	652	90.0%	67	9.0%	8	1.0%	299	41.0%	84	12.0%	0	0.0%	149	20.0%	186	26.0%	6	1.0%
1992	726	641	88.0%	76	10.0%	9	1.0%	296	41.0%	95	13.0%	2	0.0%	145	20.0%	177	24.0%	8	1.0%
1993	720	643	89.0%	68	9.0%	9	1.0%	295	41.0%	97	13.0%	1	0.0%	150	21.0%	169	23.0%	4	1.0%
1994	726	641	88.0%	73	10.0%	12	2.0%	303	42.0%	98	13.0%	1	0.0%	148	20.0%	167	23.0%	5	1.0%
1995	715	621	87.0%	79	11.0%	15	2.0%	310	43.0%	100	14.0%	1	0.0%	136	19.0%	159	22.0%	4	1.0%
1996	690	595	86.0%	79	11.0%	16	2.0%	305	44.0%	100	14.0%	1	0.0%	129	19.0%	149	22.0%	3	0.0%
1997	705	599	85.0%	92	13.0%	14	2.0%	322	46.0%	111	16.0%	1	0.0%	121	17.0%	143	20.0%	2	0.0%
1998	745	632	85.0%	100	13.0%	13	2.0%	347	47.0%	129	17.0%	1	0.0%	120	16.0%	141	19.0%	2	0.0%
1999	706	601	85.0%	93	13.0%	12	2.0%	330	47.0%	122	17.0%	1	0.0%	112	16.0%	134	19.0%	2	0.0%
2000	715	613	86.0%	89	12.0%	13	2.0%	338	47.0%	118	17.0%	1	0.0%	118	17.0%	132	18.0%	3	0.0%
2001	693	589	85.0%	89	13.0%	15	2.0%	336	48.0%	116	17.0%	1	0.0%	101	15.0%	131	19.0%	3	0.0%
2002	643	546	85.0%	85	13.0%	12	2.0%	322	50.0%	99	15.0%	1	0.0%	92	14.0%	120	19.0%	3	0.0%
2003	613	513	84.0%	87	14.0%	13	2.0%	313	51.0%	100	16.0%	1	0.0%	90	15.0%	102	17.0%	3	0.0%
2004	581	478	82.0%	92	16.0%	11	2.0%	302	52.0%	92	16.0%	1	0.0%	83	14.0%	96	17.0%	3	1.0%
2005	608	504	83.0%	89	15.0%	15	2.0%	315	52.0%	99	16.0%	1	0.0%	88	14.0%	98	16.0%	4	1.0%
2006	589	489	83.0%	89	15.0%	11	2.0%	305	52.0%	108	18.0%	1	0.0%	76	13.0%	94	16.0%	2	0.0%
2007	588	491	84.0%	89	15.0%	8	1.0%	309	53.0%	106	18.0%	1	0.0%	76	13.0%	89	15.0%	2	0.0%
2008	582	480	82.0%	93	16.0%	9	2.0%	303	52.0%	110	19.0%	1	0.0%	70	12.0%	90	15.0%	2	0.0%
2009	615	510	83.0%	97	16.0%	8	1.0%	323	53.0%	114	19.0%	1	0.0%	78	13.0%	92	15.0%	2	0.0%
2010	614	512	83.0%	95	15.0%	7	1.0%	321	52.0%	117	19.0%	1	0.0%	77	13.0%	93	15.0%	1	0.0%
2011	639	528	83.0%	104	16.0%	7	1.0%	334	52.0%	121	19.0%	1	0.0%	85	13.0%	92	14.0%	0	0.0%
2012	622	518	83.0%	96	15.0%	8	1.0%	332	53.0%	111	18.0%	1	0.0%	83	13.0%	88	14.0%	1	0.0%
2013	621	514	83.0%	98	16.0%	9	1.0%	333	54.0%	105	17.0%	1	0.0%	85	14.0%	89	14.0%	2	0.0%
2014	601	499	83.0%	94	16.0%	8	1.0%	325	54.0%	100	17.0%	1	0.0%	82	14.0%	85	14.0%	2	0.0%
2015	601	505	84.0%	87	14.0%	9	1.0%	325	54.0%	100	17.0%	1	0.0%	84	14.0%	84	14.0%	1	0.0%
2016	585	482	82.0%	96	16.0%	7	1.0%	315	54.0%	98	17.0%	1	0.0%	83	14.0%	81	14.0%	1	0.0%
2017	585	486	83.0%	89	15.0%	10	2.0%	313	54.0%	97	17.0%	1	0.0%	86	15.0%	82	14.0%	1	0.0%
2018	573	478	83.0%	84	15.0%	11	2.0%	301	53.0%	98	17.0%	1	0.0%	82	14.0%	85	15.0%	1	0.0%
2019	577	479	83.0%	89	15.0%	9	2.0%	308	53.0%	99	17.0%	1	0.0%	85	15.0%	77	13.0%	2	0.0%
2020	532	439	83.0%	85	16.0%	8	2.0%	285	54.0%	90	17.0%	1	0.0%	77	14.0%	73	14.0%	1	0.0%
Mean	613	518	84.0%	85	14.0%	10	2.0%	270	42.0%	95	16.0%	1	0.0%	101	16.0%	139	24.0%	3	1.0%

• Mean values include every vessel used in this fishery from 1978 to 2020.

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 in real dollars using the 2021 Consumer Price Index from the U.S. Bureau of Labor Statistics.

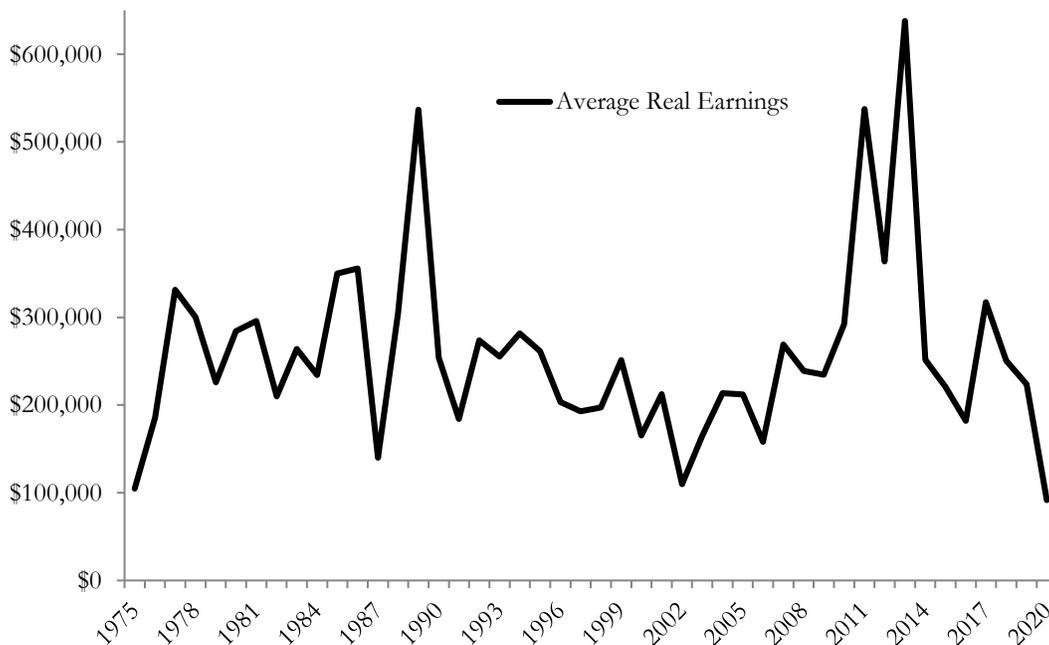
Permit counts include interim entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held for the Southeast Alaska salmon purse seine fishery was 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 2020. 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 to protect 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 Real Average Gross Earnings Per Southeast Alaska Salmon Purse Seine Permit



- Real earnings are adjusted for inflation using the 2021 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, 1975-2020

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	\$29,919,573	286	\$104,614	294	\$101,767
1976	416	\$11,064,253	\$51,762,300	279	\$185,528	296	\$174,873
1977	414	\$24,528,760	\$107,748,338	325	\$331,533	326	\$330,516
1978	420	\$27,664,646	\$112,907,522	376	\$300,286	376	\$300,286
1979	418	\$19,632,769	\$72,021,447	319	\$225,773	313	\$230,100
1980	417	\$29,487,986	\$95,266,739	335	\$284,378	326	\$292,229
1981	418	\$36,786,344	\$107,713,625	364	\$295,917	351	\$306,876
1982	421	\$28,147,770	\$77,657,606	370	\$209,885	363	\$213,933
1983	421	\$33,292,294	\$88,992,151	337	\$264,072	329	\$270,493
1984	422	\$35,000,066	\$89,699,560	383	\$234,203	374	\$239,838
1985	420	\$52,018,934	\$128,751,133	368	\$349,867	358	\$359,640
1986	420	\$53,893,815	\$130,906,941	368	\$355,725	366	\$357,669
1987	420	\$22,739,529	\$53,281,310	381	\$139,846	380	\$140,214
1988	420	\$53,314,374	\$120,027,259	394	\$304,638	393	\$305,413
1989	420	\$91,241,060	\$195,953,364	365	\$536,859	366	\$535,392
1990	420	\$44,821,503	\$91,330,667	360	\$253,696	361	\$252,994
1991	420	\$36,071,105	\$70,514,143	383	\$184,110	384	\$183,631
1992	420	\$51,054,882	\$96,871,348	354	\$273,648	352	\$275,203
1993	419	\$52,894,318	\$97,484,090	382	\$255,194	381	\$255,864
1994	418	\$61,164,567	\$109,861,561	390	\$281,696	392	\$280,259
1995	418	\$55,806,812	\$97,502,796	373	\$261,402	378	\$257,944
1996	417	\$42,813,455	\$72,671,324	357	\$203,561	359	\$202,427
1997	416	\$40,813,997	\$67,694,958	351	\$192,863	354	\$191,229
1998	416	\$45,509,746	\$74,329,623	377	\$197,161	378	\$196,639
1999	416	\$56,402,089	\$90,147,293	359	\$251,107	358	\$251,808
2000	416	\$38,060,764	\$58,845,286	356	\$165,296	356	\$165,296
2001	415	\$48,742,800	\$73,289,370	345	\$212,433	344	\$213,050
2002	415	\$20,244,170	\$29,963,772	273	\$109,757	272	\$110,161
2003	416	\$26,705,739	\$38,650,264	235	\$164,469	233	\$165,881
2004	414	\$31,672,452	\$44,643,206	209	\$213,604	203	\$219,917
2005	415	\$36,073,649	\$49,178,320	232	\$211,976	226	\$217,603
2006	414	\$27,536,028	\$36,366,042	230	\$158,113	223	\$163,076
2007	415	\$49,646,050	\$63,747,605	237	\$268,977	234	\$272,426
2008	382	\$40,986,039	\$50,682,053	212	\$239,066	212	\$239,066
2009	379	\$48,417,377	\$60,085,044	256	\$234,707	251	\$239,383
2010	379	\$56,238,100	\$68,664,288	235	\$292,188	233	\$294,697
2011	379	\$122,181,438	\$144,613,046	269	\$537,595	266	\$543,658
2012	315	\$73,082,279	\$84,745,964	233	\$363,717	234	\$362,162
2013	315	\$154,063,851	\$176,072,752	276	\$637,945	275	\$640,265
2014	315	\$58,359,164	\$65,631,417	261	\$251,461	259	\$253,403
2015	315	\$55,228,561	\$62,037,110	281	\$220,773	283	\$219,212
2016	315	\$41,671,425	\$46,225,483	254	\$181,990	254	\$181,990
2017	315	\$75,696,745	\$82,217,926	259	\$317,444	259	\$317,444
2018	315	\$57,183,023	\$60,628,372	242	\$250,530	240	\$252,618
2019	279	\$51,575,975	\$53,710,151	240	\$223,792	236	\$227,585
2020	279	\$17,817,944	\$18,329,132	200	\$91,646	201	\$91,190

- Adjusted for inflation to 2021 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, 1975-2020

Year	Local			Nonlocal			Nonresident			Total		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	164	\$104,998	\$17,219,707	1-3	confidential	confidential	128	confidential	confidential	293	\$102,115	\$29,919,573
1976	145	\$172,132	\$24,959,211	1-3	confidential	confidential	134	confidential	confidential	281	\$184,207	\$51,762,300
1977	161	confidential	confidential	1-3	confidential	confidential	164	\$297,654	\$48,815,241	326	\$330,516	\$107,748,338
1978	166	\$295,617	\$49,072,465	7	\$320,946	\$2,246,619	206	\$298,973	\$61,588,438	379	\$297,909	\$112,907,522
1979	155	\$237,411	\$36,798,631	5	\$300,569	\$1,502,845	159	\$212,075	\$33,719,972	319	\$225,773	\$72,021,447
1980	160	\$278,220	\$44,515,153	4	\$362,993	\$1,451,971	172	\$286,626	\$49,299,614	336	\$283,532	\$95,266,739
1981	171	\$298,279	\$51,005,627	4	\$437,515	\$1,750,061	189	\$290,783	\$54,957,937	364	\$295,917	\$107,713,625
1982	157	\$216,248	\$33,950,871	4	\$300,558	\$1,202,232	212	\$200,493	\$42,504,503	373	\$208,197	\$77,657,606
1983	158	confidential	confidential	1-3	confidential	confidential	181	\$288,450	\$52,209,436	341	\$260,974	\$88,992,151
1984	167	confidential	confidential	1-3	confidential	confidential	217	\$237,649	\$51,569,742	386	\$232,382	\$89,699,560
1985	166	confidential	confidential	1-3	confidential	confidential	201	\$350,574	\$70,465,337	370	\$347,976	\$128,751,133
1986	163	confidential	confidential	1-3	confidential	confidential	206	\$373,706	\$76,983,405	370	\$353,803	\$130,906,941
1987	168	\$148,590	\$24,963,094	4	\$165,203	\$660,810	212	\$130,459	\$27,657,406	384	\$138,753	\$53,281,310
1988	174	\$300,478	\$52,283,119	5	\$272,915	\$1,364,573	221	\$300,360	\$66,379,566	400	\$300,068	\$120,027,259
1989	170	\$472,330	\$80,296,111	4	\$522,686	\$2,090,744	196	\$579,421	\$113,566,509	370	\$529,604	\$195,953,364
1990	164	confidential	confidential	1-3	confidential	confidential	199	\$272,840	\$54,295,193	365	\$250,221	\$91,330,667
1991	165	\$175,584	\$28,971,410	6	\$122,516	\$735,099	213	\$191,585	\$40,807,634	384	\$183,631	\$70,514,143
1992	158	confidential	confidential	1-3	confidential	confidential	196	\$284,115	\$55,686,454	356	\$272,111	\$96,871,348
1993	164	\$231,255	\$37,925,811	9	\$247,093	\$2,223,840	219	\$261,801	\$57,334,439	392	\$248,684	\$97,484,090
1994	158	\$268,819	\$42,473,361	16	\$211,184	\$3,378,943	225	\$284,486	\$64,009,257	399	\$275,342	\$109,861,561
1995	165	\$226,648	\$37,396,911	12	\$248,945	\$2,987,336	201	\$284,172	\$57,118,549	378	\$257,944	\$97,502,796
1996	148	\$180,177	\$26,666,254	12	\$216,674	\$2,600,087	204	\$212,770	\$43,404,984	364	\$199,646	\$72,671,324
1997	145	\$193,959	\$28,124,071	17	\$165,270	\$2,809,593	193	\$190,473	\$36,761,293	355	\$190,690	\$67,694,958
1998	149	\$184,058	\$27,424,697	16	\$198,515	\$3,176,236	219	\$199,674	\$43,728,690	384	\$193,567	\$74,329,623
1999	150	\$238,023	\$35,703,428	15	\$246,824	\$3,702,357	197	\$257,571	\$50,741,507	362	\$249,026	\$90,147,293
2000	147	\$160,485	\$23,591,356	19	\$156,569	\$2,974,812	194	\$166,387	\$32,279,117	360	\$163,459	\$58,845,286
2001	138	\$212,741	\$29,358,196	17	\$208,584	\$3,545,927	195	\$207,104	\$40,385,247	350	\$209,398	\$73,289,370
2002	117	\$108,183	\$12,657,419	10	\$101,166	\$1,011,662	148	\$110,099	\$16,294,691	275	\$108,959	\$29,963,772
2003	108	\$162,445	\$17,544,032	9	\$156,577	\$1,409,191	120	\$164,142	\$19,697,041	237	\$163,081	\$38,650,264
2004	102	\$210,883	\$21,510,050	7	\$160,036	\$1,120,251	101	\$217,950	\$22,012,905	210	\$212,587	\$44,643,206
2005	112	\$211,808	\$23,722,493	8	\$182,586	\$1,460,691	112	\$214,242	\$23,995,136	232	\$211,976	\$49,178,320
2006	120	\$151,096	\$18,131,481	6	\$156,942	\$941,654	105	\$164,694	\$17,292,907	231	\$157,429	\$36,366,042
2007	114	\$261,364	\$29,795,460	10	\$264,261	\$2,642,610	114	\$274,645	\$31,309,535	238	\$267,847	\$63,747,605
2008	114	\$227,823	\$25,971,791	1-3	confidential	confidential	97	confidential	confidential	213	\$237,944	\$50,682,053
2009	126	\$235,229	\$29,638,793	8	\$228,273	\$1,826,185	123	\$232,683	\$28,620,066	257	\$233,794	\$60,085,044
2010	128	\$297,434	\$38,071,594	1-3	confidential	confidential	105	confidential	confidential	235	\$292,188	\$68,664,288
2011	132	\$549,074	\$72,477,793	5	\$379,931	\$1,899,657	133	\$528,087	\$70,235,596	270	\$535,604	\$144,613,046
2012	124	\$353,276	\$43,806,237	1-3	confidential	confidential	113	confidential	confidential	239	\$354,586	\$84,745,964
2013	143	\$639,042	\$91,383,030	10	\$606,819	\$6,068,191	128	\$614,231	\$78,621,532	281	\$626,593	\$176,072,752
2014	144	\$247,571	\$35,650,158	5	\$154,082	\$770,409	119	\$245,469	\$29,210,850	268	\$244,893	\$65,631,417
2015	150	\$226,160	\$33,924,063	7	\$150,888	\$1,056,216	129	\$209,743	\$27,056,830	286	\$216,913	\$62,037,110
2016	140	\$173,136	\$24,239,094	1-3	confidential	confidential	115	confidential	confidential	257	\$179,866	\$46,225,483
2017	140	\$317,261	\$44,416,487	1-3	confidential	confidential	118	confidential	confidential	261	\$315,011	\$82,217,926
2018	135	\$263,609	\$35,587,214	1-3	confidential	confidential	107	confidential	confidential	244	\$248,477	\$60,628,372
2019	134	\$206,229	\$27,634,746	7	\$279,728	\$1,958,095	101	\$238,785	\$24,117,311	242	\$221,943	\$53,710,151
2020	124	\$82,311	\$10,206,551	1-3	confidential	confidential	76	confidential	confidential	203	\$90,291	\$18,329,132

- Adjusted for inflation to 2021 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 2020

Year	Juneau Area				Ketchikan Area				Petersburg Area				Sitka Area				Total	
	Permits		Real Value		Permits		Real Value		Permits		Real Value		Permits		Real Value		Permits	
1975	128	44.76%	\$1,184,242	4.0%	241	84.27%	\$20,006,680	66.9%	129	45.10%	\$4,641,123	15.5%	51	17.83%	\$4,087,527	13.7%	286	\$29,919,573
1976	136	48.75%	\$1,625,985	3.1%	259	92.83%	\$42,998,081	83.1%	187	67.03%	\$6,099,566	11.8%	31	11.11%	\$1,038,669	2.0%	279	\$51,762,300
1977	0	0.00%	\$0	0.0%	295	90.77%	\$69,494,812	64.5%	187	57.54%	\$20,560,709	19.1%	104	32.00%	\$17,692,816	16.4%	325	\$107,748,338
1978	92	24.47%	\$2,570,675	2.3%	354	94.15%	\$91,575,405	81.1%	191	50.80%	\$10,203,966	9.0%	98	26.06%	\$8,557,475	7.6%	376	\$112,907,522
1979	97	30.41%	\$1,647,729	2.3%	259	81.19%	\$36,979,109	51.3%	228	71.47%	\$17,539,948	24.4%	149	46.71%	\$15,854,662	22.0%	319	\$72,021,447
1980	156	46.57%	\$8,318,974	8.7%	317	94.63%	\$80,868,759	84.9%	113	33.73%	\$4,305,198	4.5%	63	18.81%	\$1,773,808	1.9%	335	\$95,266,739
1981	224	61.54%	\$12,078,346	11.2%	326	89.56%	\$72,075,188	66.9%	135	37.09%	\$6,990,977	6.5%	161	44.23%	\$16,569,115	15.4%	364	\$107,713,625
1982	196	52.97%	\$13,641,649	17.6%	335	90.54%	\$51,299,263	66.1%	165	44.59%	\$7,773,414	10.0%	144	38.92%	\$4,943,280	6.4%	370	\$77,657,606
1983	135	40.06%	\$5,615,819	6.3%	313	92.88%	\$70,747,945	79.5%	110	32.64%	\$5,443,801	6.1%	121	35.91%	\$7,184,586	8.1%	337	\$88,992,151
1984	169	44.13%	\$7,996,360	8.9%	339	88.51%	\$62,158,237	69.3%	150	39.16%	\$8,162,115	9.1%	198	51.70%	\$11,382,848	12.7%	383	\$89,699,560
1985	210	57.07%	\$15,856,847	12.3%	309	83.97%	\$75,992,753	59.0%	184	50.00%	\$17,512,484	13.6%	260	70.65%	\$19,389,049	15.1%	368	\$128,751,133
1986	41	11.14%	\$1,396,809	1.1%	351	95.38%	\$118,580,751	90.6%	74	20.11%	\$5,063,238	3.9%	235	63.86%	\$5,866,142	4.5%	368	\$130,906,941
1987	228	59.84%	\$11,397,311	21.4%	316	82.94%	\$26,281,756	49.3%	178	46.72%	\$5,512,874	10.3%	279	73.23%	\$10,089,369	18.9%	381	\$53,281,310
1988	168	42.64%	\$7,714,288	6.4%	381	96.70%	\$97,119,711	80.9%	128	32.49%	\$7,166,350	6.0%	225	57.11%	\$8,026,910	6.7%	394	\$120,027,259
1989	195	53.42%	\$19,655,500	10.0%	337	92.33%	\$146,723,595	74.9%	162	44.38%	\$22,264,094	11.4%	129	35.34%	\$7,232,525	3.7%	365	\$195,953,364
1990	143	39.72%	\$5,261,319	5.8%	338	93.89%	\$74,936,280	82.0%	120	33.33%	\$7,228,756	7.9%	161	44.72%	\$3,904,312	4.3%	360	\$91,330,667
1991	168	43.86%	\$8,434,654	12.0%	330	86.16%	\$49,028,852	69.5%	178	46.48%	\$7,926,306	11.2%	213	55.61%	\$5,124,331	7.3%	383	\$70,514,143
1992	142	40.11%	\$9,582,905	9.9%	296	83.62%	\$60,041,830	62.0%	190	53.67%	\$16,378,713	16.9%	209	59.04%	\$10,867,900	11.2%	354	\$96,871,348
1993	167	43.72%	\$11,666,683	12.0%	321	84.03%	\$55,434,105	56.9%	219	57.33%	\$12,266,931	12.6%	292	76.44%	\$18,116,373	18.6%	382	\$97,484,090
1994	204	52.31%	\$16,247,744	14.8%	282	72.31%	\$49,779,381	45.3%	244	62.56%	\$22,999,806	20.9%	280	71.79%	\$20,834,630	19.0%	390	\$109,861,561
1995	80	21.45%	\$1,926,626	2.0%	336	90.08%	\$64,624,132	66.3%	135	36.19%	\$6,789,986	7.0%	302	80.97%	\$24,162,052	24.8%	373	\$97,502,796
1996	102	28.57%	\$3,198,411	4.4%	320	89.64%	\$50,102,116	68.9%	125	35.01%	\$4,538,136	6.2%	274	76.75%	\$14,832,662	20.4%	357	\$72,671,324
1997	154	43.87%	\$7,845,280	11.6%	263	74.93%	\$35,186,516	52.0%	193	54.99%	\$8,283,452	12.2%	248	70.66%	\$16,379,710	24.2%	351	\$67,694,958
1998	118	31.30%	\$4,092,533	5.5%	298	79.05%	\$41,524,074	55.9%	211	55.97%	\$9,633,026	13.0%	271	71.88%	\$19,079,991	25.7%	377	\$74,329,623
1999	206	57.38%	\$18,629,676	20.7%	260	72.42%	\$34,145,522	37.9%	229	63.79%	\$16,336,421	18.1%	283	78.83%	\$21,035,674	23.3%	359	\$90,147,293
2000	159	44.66%	\$4,934,322	8.4%	273	76.69%	\$21,893,207	37.2%	164	46.07%	\$4,703,752	8.0%	303	85.11%	\$27,314,004	46.4%	356	\$58,845,286
2001	129	37.39%	\$5,921,745	8.1%	295	85.51%	\$41,691,054	56.9%	219	63.48%	\$15,122,045	20.6%	247	71.59%	\$10,554,526	14.4%	345	\$73,289,370
2002	112	41.03%	\$3,367,960	11.2%	212	77.66%	\$13,066,883	43.6%	173	63.37%	\$6,961,592	23.2%	194	71.06%	\$6,567,337	21.9%	273	\$29,963,772
2003	97	41.28%	\$5,568,173	14.4%	161	68.51%	\$17,017,875	44.0%	154	65.53%	\$10,495,495	27.2%	172	73.19%	\$5,568,720	14.4%	235	\$38,650,264
2004	112	53.59%	\$9,523,618	21.3%	144	68.90%	\$17,468,139	39.1%	107	51.20%	\$7,392,163	16.6%	146	69.86%	\$10,259,286	23.0%	209	\$44,643,206
2005	129	55.60%	\$12,807,839	26.0%	159	68.53%	\$22,097,976	44.9%	112	48.28%	\$5,718,424	11.6%	149	64.22%	\$8,554,081	17.4%	232	\$49,178,320
2006	109	47.39%	\$5,080,010	14.0%	134	58.26%	\$12,762,182	35.1%	100	43.48%	\$3,212,819	8.8%	173	75.22%	\$15,311,031	42.1%	230	\$36,366,042
2007	99	41.77%	\$6,797,478	10.7%	181	76.37%	\$41,432,719	65.0%	123	51.90%	\$7,327,867	11.5%	146	61.60%	\$8,189,541	12.8%	237	\$63,747,605
2008	22	10.38%	\$535,056	1.1%	182	85.85%	\$27,377,832	54.0%	70	33.02%	\$3,608,955	7.1%	159	75.00%	\$19,160,211	37.8%	212	\$50,682,053
2009	122	47.66%	\$8,917,895	14.8%	209	81.64%	\$32,318,921	53.8%	110	42.97%	\$5,746,307	9.6%	167	65.23%	\$13,101,920	21.8%	256	\$60,085,044
2010	49	20.85%	\$1,708,596	2.5%	186	79.15%	\$34,481,763	50.2%	124	52.77%	\$12,908,333	18.8%	168	71.49%	\$19,565,596	28.5%	235	\$68,664,288
2011	194	72.12%	\$55,166,547	38.1%	170	63.20%	\$34,486,503	23.8%	160	59.48%	\$26,099,046	18.0%	176	65.43%	\$28,860,949	20.0%	269	\$144,613,046
2012	141	60.52%	\$12,577,855	14.8%	218	93.56%	\$58,032,018	68.5%	127	54.51%	\$7,121,404	8.4%	86	36.91%	\$7,014,688	8.3%	233	\$84,745,964
2013	200	72.46%	\$33,439,475	19.0%	202	73.19%	\$80,555,577	45.8%	145	52.54%	\$37,025,603	21.0%	115	41.67%	\$25,052,097	14.2%	276	\$176,072,752
2014	142	54.41%	\$3,659,968	5.6%	228	87.36%	\$47,877,886	72.9%	121	46.36%	\$6,129,548	9.3%	97	37.16%	\$7,964,015	12.1%	261	\$65,631,417
2015	171	60.85%	\$11,332,234	18.3%	208	74.02%	\$31,118,295	50.2%	115	40.93%	\$6,615,097	10.7%	149	53.02%	\$12,971,484	20.9%	281	\$62,037,110
2016	70	27.56%	\$1,727,920	3.7%	229	90.16%	\$35,394,141	76.6%	86	33.86%	\$3,456,069	7.5%	104	40.94%	\$5,647,354	12.2%	254	\$46,225,483
2017	204	78.76%	\$28,203,383	34.3%	188	72.59%	\$20,378,344	24.8%	155	59.85%	\$11,118,236	13.5%	185	71.43%	\$22,517,964	27.4%	259	\$82,217,926
2018	160	66.12%	\$5,484,350	9.0%	187	77.27%	\$19,390,670	32.0%	137	56.61%	\$7,549,706	12.5%	159	65.70%	\$28,203,645	46.5%	242	\$60,628,372
2019	72	30.00%	\$628,833	1.2%	200	83.33%	\$30,494,018	56.8%	125	52.08%	\$7,997,235	14.9%	168	70.00%	\$14,590,066	27.2%	240	\$53,710,151
2020	31	15.50%	\$282,325	1.5%	171	85.50%	\$10,810,800	59.0%	95	47.50%	\$1,842,297	10.1%	132	66.00%	\$5,393,712	29.4%	200	\$18,329,132

- Adjusted for inflation to 2021 dollars using U.S. Bureau of Labor Statistics Consumer Price Index
- Some Permits are used to record landings in more than one district.

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 32.4% (154/475) of the permits went to Nonresidents. All the S03A permits were issued as transferable permits.

Table 2-1. Initial Issuance and Year-end 2020 Totals of Southeast Alaska Salmon Drift Gillnet Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

Residency	INITIAL ISSUE		TRANSFERS		MIGRATIONS		CANCELLED		2020 YEAR-END	
	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percentage
Local	315	66.3%	70	22.2%	-18	-5.7%	-1	-0.3%	366	77.2%
Nonlocal	5	1.1%	13	260.0%	2	40.0%	0	0.0%	20	4.2%
Nonresident	154	32.4%	-69	-44.8%	3	1.9%	0	0.0%	88	18.6%
AK Data Missing	1	0.2%	-14	-1400.0%	13	1300.0%	0	0.0%	0	0.0%
Total	475	100.0%	0	0.0%	0	0.0%	-1	-0.2%	474	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.³ 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, 1980-2020

Acquisition Method	S03A Permit		Combined Southeast Salmon		Statewide Salmon Purse Seine		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	399	23.2%	1,568	16.8%	3,704	30.1%	13,099	32.5%
Sale	1,221	71.0%	7,074	76.0%	7,665	62.3%	23,650	58.6%
Trade	20	1.2%	148	1.6%	122	1.0%	528	1.3%
Inheritance	41	2.4%	369	4.0%	367	3.0%	1,829	4.5%
Other	38	2.2%	149	1.6%	443	3.6%	1,257	3.1%
Total	1,719		9,308		12,301		40,363	

Table 2-2 provides counts of 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 2020. More than two thirds of all S03A transfers were sales (71.0% or 1,221/1,719), about one fourth were gifts (23.2% or 399/1,719), and a smaller percentage were trades (1.2% or 20/1,719) or other (2.2% or 38/1,719).

Table 2-3. Relationships of Transferor to Transfer Recipients for Southeast Alaska Salmon Drift Gillnet Permits, 1980-2020

Relationship	S03A Permit		Combined Southeast Salmon		Statewide Salmon Purse Seine		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	286	16.6%	1,859	20.0%	2,044	16.6%	7,528	18.7%
Member of Immediate Family	442	25.7%	1,941	20.9%	3,851	31.3%	13,614	33.7%
Other Relative	42	2.4%	248	2.7%	509	4.1%	1,812	4.5%
Other/None	949	55.2%	5,260	56.5%	5,897	47.9%	17,409	43.1%
Total	1,719		9,308		12,301		40,363	

Table 2-3 shows the relationships between the transferors and transfer recipients for S03A permits and provides counts of 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 2020. Transfers within the family, both between immediate family members and other relatives, total 28.2% (484/1,719) of all permit transfers for S03A permits compared to 23.5% (2,189/9,308) for all five Southeast Alaska salmon permit types combined, 35.4% (4,360/12,301) for all salmon drift gillnet statewide, and 38.2% (15,426/40,363) for all limited entry permits statewide.

³ CFEC implemented the transfer survey in 1980.

Emergency Transfers of S03A Permits

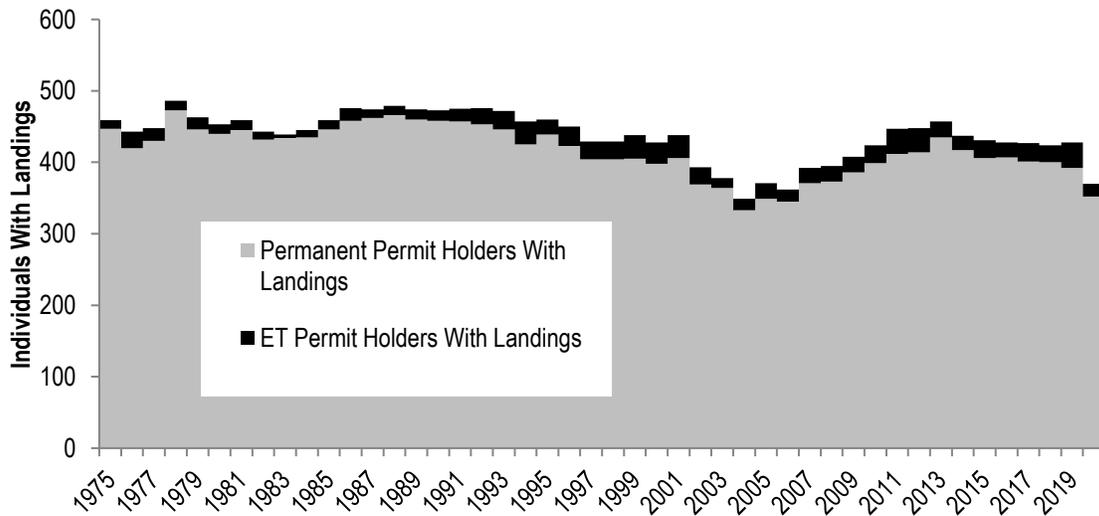
Commercial landings can be made with either permanently held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, 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 fisher. At the end of the year, ET permits automatically revert 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, 1975-2020

Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate	Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate	Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate
1975	459	12	2.6%	1991	475	18	3.8%	2007	392	21	5.4%
1976	443	23	5.2%	1992	476	23	4.8%	2008	395	22	5.6%
1977	448	18	4.0%	1993	472	26	5.5%	2009	408	22	5.4%
1978	486	13	2.7%	1994	457	32	7.0%	2010	424	25	5.9%
1979	463	17	3.7%	1995	460	21	4.6%	2011	447	35	7.8%
1980	453	13	2.9%	1996	450	27	6.0%	2012	448	34	7.6%
1981	459	14	3.1%	1997	429	25	5.8%	2013	457	22	4.8%
1982	443	11	2.5%	1998	429	25	5.8%	2014	437	20	4.6%
1983	439	5	1.1%	1999	438	33	7.5%	2015	431	25	5.8%
1984	445	10	2.2%	2000	428	30	7.0%	2016	428	21	4.9%
1985	459	13	2.8%	2001	438	32	7.3%	2017	427	26	6.1%
1986	476	18	3.8%	2002	393	24	6.1%	2018	424	24	5.7%
1987	474	12	2.5%	2003	378	14	3.7%	2019	428	36	8.4%
1988	479	13	2.7%	2004	349	16	4.6%	2020	370	18	4.9%
1989	474	14	3.0%	2005	371	22	5.9%				
1990	473	15	3.2%	2006	362	17	4.7%				

Figure 2-1. Use of Emergency Transfer Permits in the Southeast Alaska Salmon Drift Gillnet Fishery, 1975-2020



Latent S03A Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they fish. Permits that are not used (don't record landings) in a particular 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.

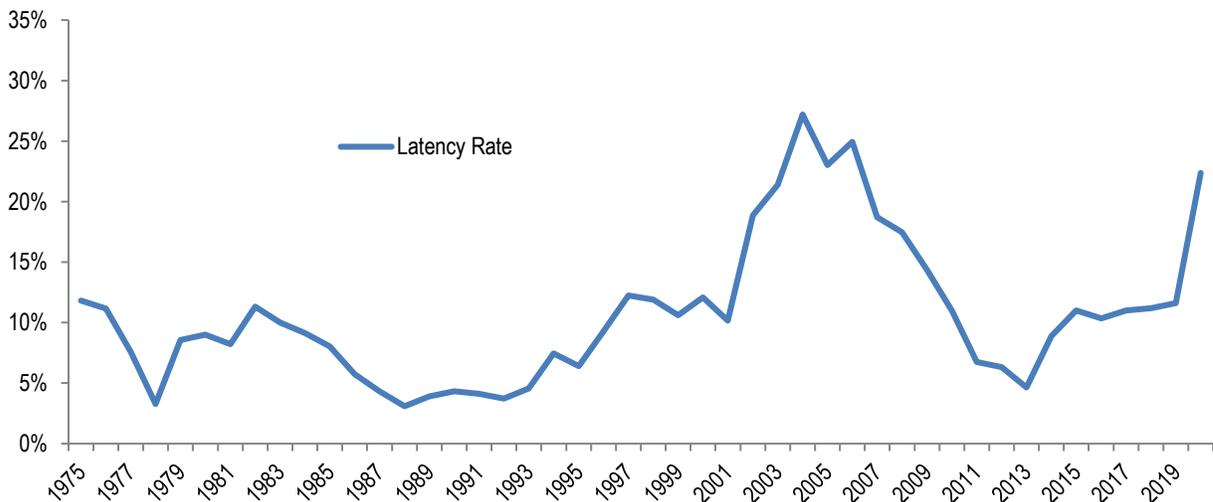
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

Table 2-5. Southeast Alaska Salmon Drift Gillnet Permit Latency, 1975-2020

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	499	440	11.8%	1991	485	465	4.1%	2007	476	387	18.7%
1976	484	430	11.2%	1992	485	467	3.7%	2008	475	392	17.5%
1977	474	438	7.6%	1993	482	460	4.6%	2009	474	406	14.3%
1978	490	474	3.3%	1994	482	446	7.5%	2010	474	422	11.0%
1979	491	449	8.6%	1995	483	452	6.4%	2011	474	442	6.8%
1980	489	445	9.0%	1996	484	439	9.3%	2012	474	444	6.3%
1981	487	447	8.2%	1997	482	423	12.2%	2013	473	451	4.7%
1982	486	431	11.3%	1998	479	422	11.9%	2014	473	431	8.9%
1983	480	432	10.0%	1999	481	430	10.6%	2015	473	421	11.0%
1984	481	437	9.1%	2000	480	422	12.1%	2016	473	424	10.4%
1985	485	446	8.0%	2001	482	433	10.2%	2017	473	421	11.0%
1986	488	460	5.7%	2002	482	391	18.9%	2018	474	421	11.2%
1987	486	465	4.3%	2003	477	375	21.4%	2019	474	419	11.6%
1988	485	470	3.1%	2004	478	348	27.2%	2020	474	368	22.4%
1989	485	466	3.9%	2005	478	368	23.0%				
1990	486	465	4.3%	2006	477	358	24.9%				

- 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.

Figure 2-2. Southeast Alaska Salmon Drift Gillnet Permit Latency, 1975-2020



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 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.

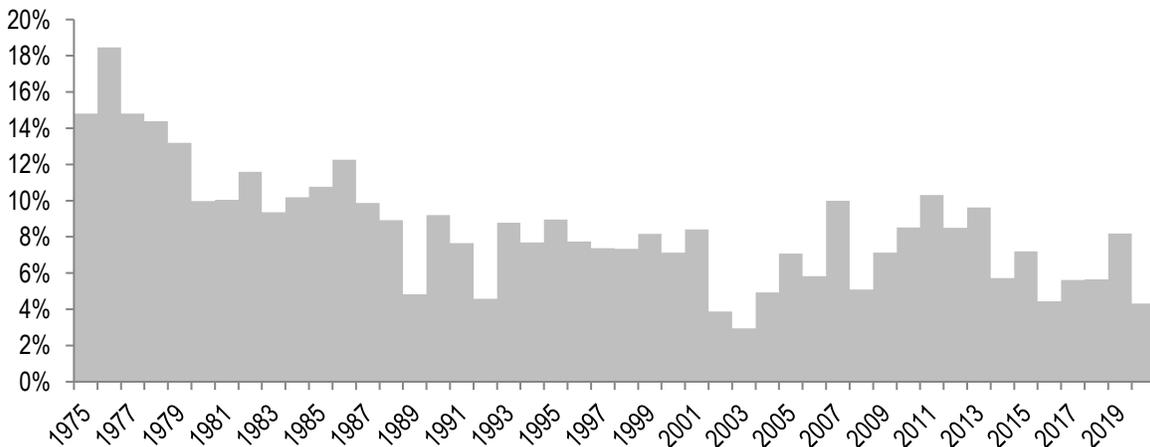
Table 2-6 and Figure 2-3 describe individuals rather than permits. An individual may hold up to two permits in this fishery but can only fish one of them. An individual may hold one S03A permit one year, and then in subsequent years hold a different S03A permit. Likewise, individuals may enter and exit 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, 1975-2020

Year	Individuals w/Landings	New	New Percent	Year	Individuals w/Landings	New	New Percent	Year	Individuals w/Landings	New	New Percent
1975	399	77	19.3%	1991	457	35	7.7%	2007	390	39	10.0%
1976	417	45	18.5%	1992	458	21	4.6%	2008	393	20	5.1%
1977	439	51	14.8%	1993	456	40	8.8%	2009	407	29	7.1%
1978	459	56	14.4%	1994	442	34	7.7%	2010	423	36	8.5%
1979	440	58	13.2%	1995	447	40	8.9%	2011	446	46	10.3%
1980	431	43	10.0%	1996	439	34	7.7%	2012	447	38	8.5%
1981	438	44	10.0%	1997	420	31	7.4%	2013	457	44	9.6%
1982	423	49	11.6%	1998	422	31	7.3%	2014	437	25	5.7%
1983	427	40	9.4%	1999	429	35	8.2%	2015	431	31	7.2%
1984	432	44	10.2%	2000	421	30	7.1%	2016	428	19	4.4%
1985	446	48	10.8%	2001	428	36	8.4%	2017	427	24	5.6%
1986	457	56	12.3%	2002	386	15	3.9%	2018	424	24	5.7%
1987	456	45	9.9%	2003	374	11	2.9%	2019	428	35	8.2%
1988	460	41	8.9%	2004	345	17	4.9%	2020	370	16	4.3%
1989	456	22	4.8%	2005	367	26	7.1%				
1990	456	42	9.2%	2006	360	21	5.8%				

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

Figure 2-3. New Entrants into the Southeast Alaska Salmon Drift Gillnet Fishery, 1975-2020



Age of S03A Permit Holders

Table 2-7 shows the annual median age of five different cohorts of people: 1) Southeast Alaska salmon drift gillnet (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 General population of Alaska.

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 median age of the general Alaska population has increased 9.7 years between 1980 and 2020, which represents a 37.3% increase. The percent change in ages over the same period for all CFEC permit holders increased by 39.1% (15.5 years), 24.5% (10.2 years) for the statewide drift gillnet permit holders, and 29.7% (10.2 years) for the combined Southeast Alaska salmon permit holders.

For S03A permit holders, the median age increased 29.5% (12.2 years).

Table 2-7. Median age of Select CFEC Permit Holders and the General Alaska population

Year	S03A	Combined Southeast Salmon	Statewide Salmon Drift Gillnet	Statewide All Permits	Median Alaska Age
1980	41.5	41.7	41.6	39.6	26.0
1981	40.9	41.0	41.2	39.5	26.4
1982	40.5	40.7	40.5	39.5	26.8
1983	40.7	40.6	40.4	39.6	27.1
1984	40.6	40.7	40.7	39.9	27.3
1985	40.4	40.9	40.9	40.1	27.5
1986	39.4	40.2	40.7	40.1	27.8
1987	40.0	40.5	41.1	40.4	28.2
1988	40.6	40.6	41.3	40.6	28.6
1989	41.2	41.1	41.5	41.0	29.0
1990	41.7	41.6	42.0	41.4	29.3
1991	42.5	42.0	42.3	41.9	29.7
1992	43.7	43.0	42.8	42.4	30.1
1993	43.8	43.5	43.1	43.0	30.5
1994	44.5	43.7	43.7	43.5	30.8
1995	45.1	44.4	43.9	43.9	31.1
1996	45.3	44.8	44.3	44.5	31.5
1997	45.9	45.6	45.0	45.0	31.8
1998	46.6	46.0	45.4	45.6	32.1
1999	46.6	46.7	45.9	46.1	32.3
2000	46.9	47.1	46.5	46.6	32.4
2001	47.5	47.9	47.1	47.0	32.7
2002	48.2	48.6	47.9	47.7	33.0
2003	48.7	49.5	48.4	48.4	33.2
2004	49.0	50.3	48.8	48.8	33.4
2005	49.8	50.6	49.0	49.3	33.6
2006	50.5	51.1	49.5	49.7	33.8
2007	50.8	51.5	49.5	50.1	33.9
2008	51.0	51.8	49.9	50.5	33.9
2009	51.1	52.1	50.2	51.1	33.9
2010	51.3	52.2	50.4	51.4	33.8
2011	51.8	52.3	50.6	51.8	33.9
2012	52.0	52.1	50.9	52.1	34.1
2013	51.1	51.8	50.8	52.4	34.3
2014	51.6	52.3	51.0	52.7	34.3
2015	52.0	52.7	51.2	53.3	34.5
2016	52.3	53.2	51.4	53.8	34.7
2017	53.1	53.5	51.5	54.2	34.9
2018	53.5	53.9	51.5	54.7	35.2
2019	53.3	53.6	51.4	54.8	35.5
2020	53.8	54.1	51.8	55.1	35.7

- Median Alaska Age is the average age of all Alaskans 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.

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 only expressed in real (adjusted for inflation) terms.

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

Year	S03A Permit Sales	Permit Value	Standard Deviation
1982	41	\$106,632	-
1983	37	\$92,629	-
1984	40	\$88,713	-
1985	42	\$89,709	-
1986	43	\$108,937	-
1987	31	\$130,500	\$18,900
1988	28	\$174,700	\$47,400
1989	15	\$276,300	\$27,300
1990	28	\$217,000	\$23,900
1991	33	\$161,800	\$17,700
1992	26	\$144,200	\$19,100
1993	27	\$151,500	\$8,500
1994	31	\$113,000	\$9,400
1995	33	\$123,700	\$10,700
1996	30	\$100,900	\$8,700
1997	32	\$84,000	\$8,000
1998	25	\$57,900	\$4,100
1999	29	\$54,100	\$3,400
2000	38	\$51,100	\$6,600
2001	28	\$62,100	\$7,100
2002	12	\$41,300	\$9,100
2003	18	\$30,500	\$3,400
2004	20	\$30,700	\$4,700
2005	35	\$40,200	\$5,000
2006	40	\$51,400	\$5,100
2007	28	\$71,800	\$10,200
2008	21	\$67,300	\$4,100
2009	22	\$66,800	\$3,200
2010	39	\$70,100	\$7,800
2011	33	\$94,800	\$12,500
2012	32	\$109,700	\$10,800
2013	27	\$129,200	\$9,500
2014	21	\$106,700	\$7,100
2015	15	\$99,900	\$6,200
2016	11	\$93,600	\$4,200
2017	17	\$96,400	\$6,200
2018	14	\$89,300	\$6,400
2019	21	\$89,400	\$6,700
2020	6	\$75,000	\$6,000

- 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.
- Standard Deviation was not calculated prior to 1987.
- Real permit values were calculated using the 2021 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	575	563	45	49	57	568	29	32	36	354	8	12	15	452	5	8	12	550	115	160	225	313	105	200	300
1979	576	568	44	48	55	570	29	32	36	345	9	12	16	444	5	8	12	528	116	165	250	312	100	200	300
1980	548	542	43	47	54	546	30	32	36	345	10	13	16	445	5	9	12	511	120	168	250	298	120	220	300
1981	540	535	42	47	53	540	30	32	36	356	10	13	16	451	5	9	12	515	120	168	250	311	120	220	320
1982	564	558	42	46	53	561	29	32	36	373	9	12	16	452	5	9	12	536	116	165	250	313	130	220	320
1983	537	532	42	46	52	536	30	32	36	371	9	12	15	433	5	9	12	522	120	165	250	320	102	200	320
1984	568	565	42	46	52	567	29	32	36	396	9	12	15	454	5	9	12	553	120	170	250	326	130	220	350
1985	570	566	41	46	52	570	30	32	36	409	10	12	16	468	5	9	12	557	120	175	250	353	125	230	325
1986	579	577	41	46	52	578	30	32	36	427	10	13	16	477	5	9	12	565	120	180	250	373	144	240	360
1987	554	552	41	46	52	553	30	32	36	414	10	13	16	467	5	9	12	536	130	185	250	361	140	240	360
1988	572	570	40	44	50	571	30	32	36	435	10	13	16	485	5	9	12	561	130	187	250	383	144	240	360
1989	559	557	40	44	49	558	30	33	36	439	10	13	17	481	6	10	13	552	130	200	253	383	150	250	400
1990	545	542	39	43	49	544	30	33	36	432	11	14	17	471	7	10	13	538	140	200	260	372	150	250	400
1991	553	550	39	43	49	552	30	34	36	434	10	14	17	473	6	10	13	545	140	200	265	376	150	250	400
1992	548	545	37	43	48	545	30	34	36	421	11	14	17	457	7	11	13	540	140	210	268	362	150	260	400
1993	565	561	36	42	48	562	30	33	37	428	11	14	18	464	7	11	13	557	140	210	270	370	150	251	400
1994	564	561	37	43	48	563	30	33	37	434	10	14	17	463	7	11	13	547	140	210	270	367	150	250	400
1995	566	564	36	42	47	565	30	34	37	436	11	14	17	465	7	11	13	551	140	210	275	363	150	250	400
1996	559	558	36	42	48	558	31	34	38	441	11	14	17	470	7	11	13	543	148	210	275	362	155	260	400
1997	552	550	35	42	47	552	31	34	37	428	11	14	17	456	7	11	13	538	143	215	290	338	160	266	400
1998	541	537	36	42	48	541	31	34	38	433	11	14	17	459	7	11	13	529	150	217	298	342	155	265	400
1999	544	538	35	42	47	544	31	34	38	438	11	14	18	458	7	11	13	534	150	220	300	348	160	279	423
2000	530	527	34	42	47	530	32	34	38	432	11	14	18	455	7	11	13	520	160	225	300	341	168	288	430
2001	528	526	35	42	47	528	32	35	38	427	11	15	18	449	7	11	14	519	160	225	300	346	160	287	440
2002	507	505	34	42	47	507	32	35	38	414	11	15	18	437	7	11	14	500	165	228	304	335	175	300	442
2003	497	496	33	41	46	497	32	35	38	403	11	15	18	423	7	11	14	487	165	250	310	325	175	300	475
2004	483	481	33	41	46	483	32	35	38	390	11	15	19	410	7	11	14	475	165	250	310	315	175	300	490
2005	515	514	33	41	46	515	32	35	39	420	11	15	19	437	7	11	15	505	165	250	310	331	180	300	500
2006	488	488	32	41	46	488	32	35	39	397	12	15	19	412	7	11	15	475	165	250	320	319	200	300	500
2007	494	493	32	41	46	494	32	35	40	398	12	15	20	414	8	12	15	480	175	250	330	325	200	300	500
2008	502	501	32	41	46	502	32	35	39	404	12	15	20	416	8	12	15	485	175	250	325	319	200	300	500
2009	510	510	32	41	46	510	32	35	39	416	12	15	20	430	8	12	15	494	175	250	330	326	200	320	512
2010	522	522	32	41	46	522	32	35	39	433	12	15	19	444	8	12	15	509	175	250	330	334	200	300	500
2011	552	552	32	40	45	552	32	35	40	457	12	15	20	468	8	12	15	534	180	250	340	354	200	318	512
2012	534	534	32	40	46	534	32	35	39	441	12	15	19	450	8	11	15	516	180	250	338	342	200	300	520
2013	544	543	32	40	45	544	32	35	39	452	12	15	19	464	8	12	15	524	180	250	350	339	200	330	600
2014	538	537	32	40	45	538	32	35	39	441	12	15	19	452	8	12	15	514	180	250	350	335	200	320	600
2015	519	518	32	40	45	519	32	36	40	428	12	15	20	437	8	12	15	494	180	250	350	326	200	348	600
2016	513	512	32	40	45	513	32	36	40	428	12	15	20	437	8	12	15	492	183	250	350	320	200	350	600
2017	527	526	32	40	45	527	32	36	40	441	12	15	20	447	8	12	15	504	183	250	350	331	200	350	600
2018	532	531	32	40	45	532	32	36	39	447	13	15	20	451	8	12	15	509	200	250	350	338	200	350	600
2019	531	531	31	40	44	531	32	36	39	447	13	15	20	450	8	12	15	510	200	250	350	346	200	350	600
2020	490	490	31	40	43	490	32	36	39	413	13	16	20	417	8	12	15	471	200	250	350	321	200	350	600
Mean	538	536	.	.	.	537	.	.	.	417	.	.	.	450	.	.	.	522	.	.	.	340	.	.	.

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						Hull Data Missing						
		Diesel		Gas		Engine Data Missing	Aluminum		Fiberglass		Concrete			Steel		Wood			
1978	575	413	72.0%	148	26.0%	14	2.0%	64	11.0%	278	48.0%	5	1.0%	9	2.0%	212	37.0%	7	1.0%
1979	576	406	70.0%	160	28.0%	10	2.0%	80	14.0%	287	50.0%	5	1.0%	9	2.0%	191	33.0%	4	1.0%
1980	548	402	73.0%	139	25.0%	7	1.0%	78	14.0%	296	54.0%	4	1.0%	5	1.0%	160	29.0%	5	1.0%
1981	540	408	76.0%	128	24.0%	4	1.0%	70	13.0%	300	56.0%	5	1.0%	6	1.0%	153	28.0%	6	1.0%
1982	564	405	72.0%	155	27.0%	4	1.0%	87	15.0%	309	55.0%	4	1.0%	7	1.0%	151	27.0%	6	1.0%
1983	537	393	73.0%	141	26.0%	3	1.0%	81	15.0%	303	56.0%	4	1.0%	7	1.0%	138	26.0%	4	1.0%
1984	568	404	71.0%	163	29.0%	1	0.0%	110	19.0%	303	53.0%	3	1.0%	10	2.0%	139	24.0%	3	1.0%
1985	570	417	73.0%	151	26.0%	2	0.0%	104	18.0%	319	56.0%	3	1.0%	10	2.0%	129	23.0%	5	1.0%
1986	579	429	74.0%	147	25.0%	3	1.0%	103	18.0%	336	58.0%	2	0.0%	12	2.0%	123	21.0%	3	1.0%
1987	554	416	75.0%	131	24.0%	7	1.0%	97	18.0%	325	59.0%	3	1.0%	9	2.0%	119	21.0%	1	0.0%
1988	572	442	77.0%	126	22.0%	4	1.0%	107	19.0%	345	60.0%	3	1.0%	9	2.0%	107	19.0%	1	0.0%
1989	559	442	79.0%	116	21.0%	1	0.0%	95	17.0%	354	63.0%	3	1.0%	8	1.0%	97	17.0%	2	0.0%
1990	545	445	82.0%	100	18.0%	0	0.0%	82	15.0%	362	66.0%	3	1.0%	5	1.0%	89	16.0%	2	0.0%
1991	553	450	81.0%	102	18.0%	1	0.0%	87	16.0%	372	67.0%	3	1.0%	6	1.0%	79	14.0%	3	1.0%
1992	548	448	82.0%	100	18.0%	0	0.0%	94	17.0%	371	68.0%	3	1.0%	5	1.0%	71	13.0%	3	1.0%
1993	565	459	81.0%	104	18.0%	2	0.0%	106	19.0%	375	66.0%	3	1.0%	7	1.0%	72	13.0%	1	0.0%
1994	564	454	80.0%	107	19.0%	3	1.0%	100	18.0%	378	67.0%	3	1.0%	6	1.0%	73	13.0%	1	0.0%
1995	566	458	81.0%	105	19.0%	3	1.0%	96	17.0%	389	69.0%	2	0.0%	6	1.0%	69	12.0%	1	0.0%
1996	559	460	82.0%	96	17.0%	3	1.0%	97	17.0%	379	68.0%	2	0.0%	5	1.0%	75	13.0%	0	0.0%
1997	552	450	82.0%	99	18.0%	3	1.0%	103	19.0%	378	68.0%	1	0.0%	5	1.0%	62	11.0%	1	0.0%
1998	541	455	84.0%	83	15.0%	3	1.0%	92	17.0%	375	69.0%	2	0.0%	6	1.0%	63	12.0%	0	0.0%
1999	544	459	84.0%	82	15.0%	3	1.0%	86	16.0%	383	70.0%	2	0.0%	7	1.0%	63	12.0%	0	0.0%
2000	530	453	85.0%	74	14.0%	3	1.0%	91	17.0%	375	71.0%	1	0.0%	7	1.0%	54	10.0%	0	0.0%
2001	528	450	85.0%	76	14.0%	2	0.0%	90	17.0%	376	71.0%	2	0.0%	6	1.0%	53	10.0%	0	0.0%
2002	507	435	86.0%	68	13.0%	4	1.0%	85	17.0%	363	72.0%	1	0.0%	6	1.0%	51	10.0%	0	0.0%
2003	497	427	86.0%	66	13.0%	4	1.0%	90	18.0%	356	72.0%	0	0.0%	5	1.0%	44	9.0%	1	0.0%
2004	483	410	85.0%	70	14.0%	3	1.0%	90	19.0%	347	72.0%	0	0.0%	6	1.0%	38	8.0%	1	0.0%
2005	515	432	84.0%	79	15.0%	4	1.0%	90	17.0%	374	73.0%	0	0.0%	7	1.0%	42	8.0%	1	0.0%
2006	488	413	85.0%	69	14.0%	6	1.0%	85	17.0%	361	74.0%	0	0.0%	4	1.0%	37	8.0%	1	0.0%
2007	494	421	85.0%	67	14.0%	6	1.0%	87	18.0%	362	73.0%	1	0.0%	4	1.0%	38	8.0%	1	0.0%
2008	502	418	83.0%	79	16.0%	5	1.0%	97	19.0%	363	72.0%	1	0.0%	5	1.0%	32	6.0%	2	0.0%
2009	510	430	84.0%	75	15.0%	5	1.0%	97	19.0%	371	73.0%	1	0.0%	5	1.0%	32	6.0%	1	0.0%
2010	522	442	85.0%	75	14.0%	5	1.0%	97	19.0%	386	74.0%	1	0.0%	4	1.0%	30	6.0%	1	0.0%
2011	552	466	84.0%	82	15.0%	4	1.0%	113	20.0%	398	72.0%	1	0.0%	6	1.0%	30	5.0%	1	0.0%
2012	534	453	85.0%	78	15.0%	3	1.0%	97	18.0%	394	74.0%	1	0.0%	6	1.0%	30	6.0%	1	0.0%
2013	544	459	84.0%	80	15.0%	5	1.0%	109	20.0%	395	73.0%	1	0.0%	5	1.0%	28	5.0%	1	0.0%
2014	538	452	84.0%	79	15.0%	7	1.0%	107	20.0%	394	73.0%	1	0.0%	5	1.0%	27	5.0%	1	0.0%
2015	519	444	86.0%	69	13.0%	6	1.0%	104	20.0%	383	74.0%	1	0.0%	6	1.0%	21	4.0%	1	0.0%
2016	513	443	86.0%	65	13.0%	5	1.0%	93	18.0%	385	75.0%	1	0.0%	6	1.0%	23	4.0%	2	0.0%
2017	527	454	86.0%	67	13.0%	6	1.0%	100	19.0%	392	74.0%	1	0.0%	9	2.0%	20	4.0%	2	0.0%
2018	532	455	86.0%	70	13.0%	7	1.0%	99	19.0%	399	75.0%	1	0.0%	7	1.0%	19	4.0%	2	0.0%
2019	531	459	86.0%	66	12.0%	6	1.0%	94	18.0%	405	76.0%	1	0.0%	6	1.0%	18	3.0%	2	0.0%
2020	490	424	87.0%	61	12.0%	5	1.0%	96	20.0%	369	75.0%	1	0.0%	5	1.0%	13	3.0%	2	0.0%
Mean	538	436	81.0%	98	18.0%	4	1.0%	94	17.0%	360	67.0%	2	0.0%	6	1.0%	72	13.0%	2	0.0%

• Mean includes every vessel used in this fishery from 1978 to 2020

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 in real dollars using the 2021 Consumer Price Index from the U.S. Bureau of Labor Statistics.

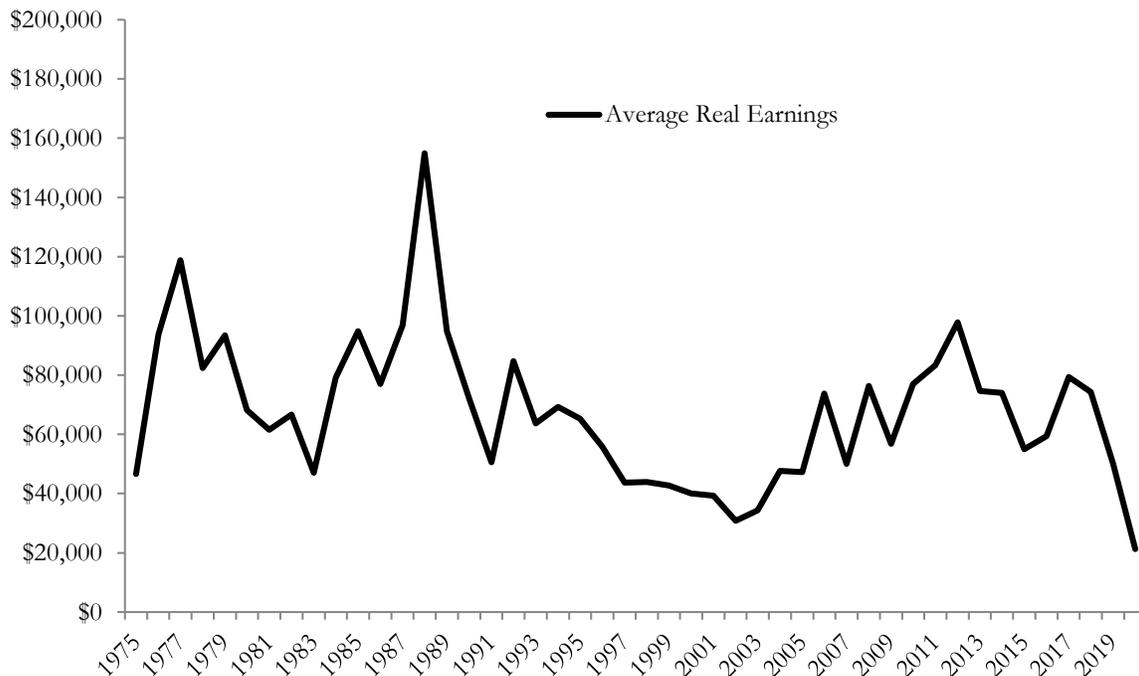
Permit counts include interim entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held for the Southeast Alaska salmon drift gillnet fishery 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, vessels with landings, and estimated gross earnings in the Southeast Alaska salmon drift gillnet fishery from 1975 to 2020. Note that the figures by permit or vessel in this table span the entire year, regardless of who held the permit or how 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 to protect 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 Real Average Gross Earnings Per Southeast Alaska Salmon Drift Gillnet Permit



- Real earnings are adjusted for inflation using the 2021 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, 1975-2020

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	\$20,502,467	440	\$46,597	522	\$39,277
1976	484	\$8,605,228	\$40,258,150	430	\$93,624	465	\$86,577
1977	474	\$11,849,486	\$52,051,651	438	\$118,839	451	\$115,414
1978	490	\$9,570,459	\$39,059,847	474	\$82,405	488	\$80,041
1979	491	\$11,434,552	\$41,946,859	449	\$93,423	464	\$90,403
1980	489	\$9,388,349	\$30,330,910	445	\$68,159	453	\$66,956
1981	487	\$9,393,150	\$27,503,962	447	\$61,530	463	\$59,404
1982	486	\$10,423,447	\$28,757,516	431	\$66,723	456	\$63,065
1983	480	\$7,602,633	\$20,322,260	432	\$47,042	489	\$41,559
1984	481	\$13,498,190	\$34,593,698	437	\$79,162	459	\$75,368
1985	485	\$17,083,901	\$42,284,058	446	\$94,807	457	\$92,525
1986	488	\$14,585,793	\$35,428,584	460	\$77,019	525	\$67,483
1987	486	\$19,227,190	\$45,051,500	465	\$96,885	521	\$86,471
1988	485	\$32,342,986	\$72,814,132	470	\$154,924	546	\$133,359
1989	485	\$20,578,737	\$44,195,813	466	\$94,841	554	\$79,776
1990	486	\$16,439,366	\$33,497,722	465	\$72,038	537	\$62,379
1991	485	\$12,037,061	\$23,530,830	465	\$50,604	544	\$43,255
1992	485	\$20,850,361	\$39,561,400	467	\$84,714	522	\$75,788
1993	482	\$15,904,271	\$29,311,529	460	\$63,721	549	\$53,391
1994	482	\$17,207,769	\$30,907,967	446	\$69,300	498	\$62,064
1995	483	\$16,899,040	\$29,525,134	452	\$65,321	474	\$62,289
1996	484	\$14,430,995	\$24,495,092	439	\$55,797	460	\$53,250
1997	482	\$11,143,699	\$18,483,175	423	\$43,695	438	\$42,199
1998	479	\$11,345,286	\$18,529,894	422	\$43,910	428	\$43,294
1999	481	\$11,489,118	\$18,363,023	430	\$42,705	436	\$42,117
2000	480	\$10,940,909	\$16,915,606	422	\$40,084	427	\$39,615
2001	482	\$11,316,836	\$17,015,923	433	\$39,298	448	\$37,982
2002	482	\$8,132,853	\$12,037,586	391	\$30,787	399	\$30,169
2003	477	\$8,903,210	\$12,885,298	375	\$34,361	379	\$33,998
2004	478	\$11,778,867	\$16,602,642	348	\$47,709	348	\$47,709
2005	478	\$12,753,519	\$17,386,560	368	\$47,246	373	\$46,613
2006	477	\$20,007,955	\$26,423,933	358	\$73,810	365	\$72,394
2007	476	\$15,081,267	\$19,364,977	387	\$50,039	390	\$49,654
2008	475	\$24,209,429	\$29,936,622	392	\$76,369	391	\$76,564
2009	474	\$18,578,453	\$23,055,506	406	\$56,787	408	\$56,509
2010	474	\$26,618,998	\$32,500,645	422	\$77,016	423	\$76,834
2011	474	\$31,126,506	\$36,841,103	442	\$83,351	447	\$82,419
2012	474	\$37,475,066	\$43,455,961	444	\$97,874	448	\$97,000
2013	473	\$29,456,023	\$33,663,984	451	\$74,643	459	\$73,342
2014	473	\$28,377,429	\$31,913,597	431	\$74,045	448	\$71,236
2015	473	\$20,621,188	\$23,163,357	421	\$55,020	429	\$53,994
2016	473	\$22,718,531	\$25,201,324	424	\$59,437	429	\$58,744
2017	473	\$30,751,155	\$33,400,330	421	\$79,336	424	\$78,774
2018	474	\$29,529,063	\$31,308,226	421	\$74,366	428	\$73,150
2019	474	\$20,158,393	\$20,992,533	419	\$50,102	431	\$48,707
2020	474	\$7,605,148	\$7,823,336	368	\$21,259	370	\$21,144

- Adjusted for inflation to 2021 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, 1975-2020

Year	Local			Nonlocal			Nonresident			Total		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	317	\$44,405	\$14,076,520	1-3	confidential	confidential	139	confidential	confidential	459	\$44,668	\$20,502,467
1976	312	\$96,150	\$29,998,724	1-3	confidential	confidential	128	confidential	confidential	443	\$90,876	\$40,258,150
1977	318	\$112,002	\$35,616,507	5	\$128,371	\$641,856	125	\$126,346	\$15,793,288	448	\$116,187	\$52,051,651
1978	334	\$75,913	\$25,354,946	11	\$64,976	\$714,741	141	\$92,129	\$12,990,160	486	\$80,370	\$39,059,847
1979	331	\$92,820	\$30,723,530	4	\$90,049	\$360,197	128	\$84,868	\$10,863,132	463	\$90,598	\$41,946,859
1980	326	\$62,332	\$20,320,349	4	\$49,423	\$197,691	123	\$79,779	\$9,812,869	453	\$66,956	\$30,330,910
1981	316	\$59,335	\$18,750,015	6	\$46,752	\$280,514	137	\$61,850	\$8,473,433	459	\$59,921	\$27,503,962
1982	295	\$66,165	\$19,518,628	6	\$59,913	\$359,479	142	\$62,531	\$8,879,410	443	\$64,915	\$28,757,516
1983	302	\$44,284	\$13,373,773	4	\$33,439	\$133,758	133	\$51,239	\$6,814,730	439	\$46,292	\$20,322,260
1984	308	\$77,016	\$23,721,072	5	\$72,421	\$362,107	132	\$79,625	\$10,510,520	445	\$77,739	\$34,593,698
1985	318	\$91,227	\$29,010,316	5	\$101,534	\$507,672	136	\$93,868	\$12,766,070	459	\$92,122	\$42,284,058
1986	331	\$72,510	\$24,000,872	7	\$70,307	\$492,148	138	\$79,243	\$10,935,563	476	\$74,430	\$35,428,584
1987	330	\$95,640	\$31,561,282	7	\$114,045	\$798,316	137	\$92,642	\$12,691,902	474	\$95,045	\$45,051,500
1988	324	\$151,397	\$49,052,569	7	\$152,865	\$1,070,054	148	\$153,321	\$22,691,508	479	\$152,013	\$72,814,132
1989	317	\$88,576	\$28,078,564	5	\$57,499	\$287,496	152	\$104,143	\$15,829,753	474	\$93,240	\$44,195,813
1990	312	\$70,891	\$22,117,879	6	\$71,422	\$428,531	155	\$70,654	\$10,951,312	473	\$70,820	\$33,497,722
1991	320	\$50,742	\$16,237,574	7	\$43,172	\$302,203	148	\$47,237	\$6,991,053	475	\$49,539	\$23,530,830
1992	324	\$82,145	\$26,614,934	4	\$66,109	\$264,436	148	\$85,689	\$12,682,030	476	\$83,112	\$39,561,400
1993	325	\$60,004	\$19,501,231	8	\$51,174	\$409,394	139	\$67,632	\$9,400,904	472	\$62,101	\$29,311,529
1994	322	\$68,739	\$22,134,018	8	\$73,009	\$584,075	127	\$64,487	\$8,189,874	457	\$67,632	\$30,907,967
1995	322	\$62,587	\$20,152,996	11	\$61,779	\$679,565	127	\$68,445	\$8,692,573	460	\$64,185	\$29,525,134
1996	315	\$52,942	\$16,676,686	9	\$39,988	\$359,891	126	\$59,195	\$7,458,514	450	\$54,434	\$24,495,092
1997	296	\$41,286	\$12,220,621	5	\$49,736	\$248,681	128	\$46,983	\$6,013,873	429	\$43,084	\$18,483,175
1998	285	\$41,362	\$11,788,194	10	\$34,115	\$341,149	134	\$47,765	\$6,400,551	429	\$43,193	\$18,529,894
1999	302	\$42,839	\$12,937,267	10	\$27,123	\$271,228	126	\$40,909	\$5,154,528	438	\$41,925	\$18,363,023
2000	306	\$39,952	\$12,225,404	8	\$25,137	\$201,099	114	\$39,378	\$4,489,103	428	\$39,522	\$16,915,606
2001	318	\$38,905	\$12,371,931	10	\$27,660	\$276,602	110	\$39,704	\$4,367,390	438	\$38,849	\$17,015,923
2002	286	\$31,130	\$8,903,245	11	\$35,790	\$393,691	96	\$28,548	\$2,740,650	393	\$30,630	\$12,037,586
2003	285	\$33,895	\$9,659,985	8	\$34,860	\$278,883	85	\$34,664	\$2,946,431	378	\$34,088	\$12,885,298
2004	269	\$47,555	\$12,792,353	5	\$57,330	\$286,650	75	\$46,982	\$3,523,639	349	\$47,572	\$16,602,642
2005	277	\$47,215	\$13,078,512	7	\$35,181	\$246,270	87	\$46,687	\$4,061,778	371	\$46,864	\$17,386,560
2006	280	\$74,619	\$20,893,191	9	\$70,888	\$637,993	73	\$67,024	\$4,892,750	362	\$72,994	\$26,423,933
2007	308	\$49,297	\$15,183,589	7	\$42,801	\$299,605	77	\$50,413	\$3,881,784	392	\$49,400	\$19,364,977
2008	307	\$77,415	\$23,766,453	10	\$49,717	\$497,172	78	\$72,731	\$5,672,996	395	\$75,789	\$29,936,622
2009	313	\$56,641	\$17,728,715	11	\$54,014	\$594,156	84	\$56,341	\$4,732,635	408	\$56,509	\$23,055,506
2010	333	\$75,663	\$25,195,793	9	\$63,179	\$568,612	82	\$82,149	\$6,736,240	424	\$76,652	\$32,500,645
2011	350	\$83,901	\$29,365,493	11	\$58,568	\$644,249	86	\$79,434	\$6,831,360	447	\$82,419	\$36,841,103
2012	345	\$99,062	\$34,176,477	13	\$76,875	\$999,370	90	\$92,001	\$8,280,113	448	\$97,000	\$43,455,961
2013	343	\$76,995	\$26,409,412	16	\$55,205	\$883,287	98	\$65,013	\$6,371,285	457	\$73,663	\$33,663,984
2014	337	\$75,399	\$25,409,458	13	\$45,674	\$593,764	87	\$67,935	\$5,910,376	437	\$73,029	\$31,913,597
2015	333	\$53,924	\$17,956,644	17	\$30,719	\$522,215	81	\$57,833	\$4,684,498	431	\$53,743	\$23,163,357
2016	335	\$60,551	\$20,284,590	16	\$29,012	\$464,195	77	\$57,825	\$4,452,538	428	\$58,882	\$25,201,324
2017	333	\$80,325	\$26,748,306	19	\$52,253	\$992,802	75	\$75,456	\$5,659,221	427	\$78,221	\$33,400,330
2018	330	\$76,212	\$25,150,070	19	\$45,828	\$870,736	75	\$70,499	\$5,287,420	424	\$73,840	\$31,308,226
2019	331	\$49,905	\$16,518,675	20	\$32,182	\$643,639	77	\$49,743	\$3,830,218	428	\$49,048	\$20,992,533
2020	296	\$20,884	\$6,181,769	13	\$15,866	\$206,256	61	\$23,530	\$1,435,311	370	\$21,144	\$7,823,336

- Adjusted for inflation to 2021 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 to protect confidentiality.

Table 2-13. Gross Real Earnings for the Southeast Alaska Salmon Drift Gillnet Fishery by ADF&G Salmon Management Area, 1975 to 2020

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%	\$13,838,345	67.5%	156	35.5%	\$2,918,387	14.2%	176	40.0%	\$3,745,735	18.3%	0	0.0%	\$0	0.0%	440	\$20,502,467
1976	374	87.0%	\$31,058,825	77.1%	161	37.4%	\$6,299,006	15.6%	155	36.0%	\$2,899,743	7.2%	0	0.0%	\$0	0.0%	430	\$40,258,150
1977	400	91.3%	\$25,527,686	49.0%	212	48.4%	\$16,570,875	31.8%	184	42.0%	**	**	1-3	**	**	**	438	\$52,051,651
1978	414	87.3%	\$17,071,659	43.7%	240	50.6%	\$15,052,099	38.5%	166	35.0%	\$6,936,031	17.8%	0	0.0%	\$0	0.0%	474	\$39,059,847
1979	403	89.8%	\$26,168,535	62.4%	197	43.9%	\$7,050,348	16.8%	235	52.3%	\$8,727,976	20.8%	0	0.0%	\$0	0.0%	449	\$41,946,859
1980	411	92.4%	\$15,588,459	51.4%	183	41.1%	\$11,140,240	36.7%	175	39.3%	\$3,601,582	11.9%	0	0.0%	\$0	0.0%	445	\$30,330,910
1981	357	79.9%	\$11,407,009	41.5%	179	40.0%	\$7,243,082	26.3%	221	49.4%	\$8,853,872	32.2%	0	0.0%	\$0	0.0%	447	\$27,503,962
1982	312	72.4%	\$15,853,664	55.1%	171	39.7%	\$6,933,274	24.1%	183	42.5%	\$5,970,577	20.8%	0	0.0%	\$0	0.0%	431	\$28,757,516
1983	330	76.4%	\$11,947,535	58.8%	176	40.7%	\$6,099,352	30.0%	143	33.1%	\$2,275,373	11.2%	0	0.0%	\$0	0.0%	432	\$20,322,260
1984	333	76.2%	\$21,245,397	61.4%	182	41.6%	\$8,318,308	24.0%	155	35.5%	\$5,029,993	14.5%	0	0.0%	\$0	0.0%	437	\$34,593,698
1985	347	77.8%	\$22,413,806	53.0%	160	35.9%	\$10,026,987	23.7%	187	41.9%	\$9,843,265	23.3%	0	0.0%	\$0	0.0%	446	\$42,284,058
1986	341	74.1%	\$16,552,903	46.7%	212	46.1%	\$9,691,860	27.4%	238	51.7%	\$9,173,238	25.9%	0	0.0%	\$0	0.0%	460	\$35,428,584
1987	369	79.4%	\$28,264,088	62.7%	182	39.1%	\$10,053,061	22.3%	201	43.2%	\$6,718,854	14.9%	0	0.0%	\$0	0.0%	465	\$45,051,500
1988	353	75.1%	\$43,300,387	59.5%	198	42.1%	\$21,704,243	29.8%	198	42.1%	\$7,808,761	10.7%	0	0.0%	\$0	0.0%	470	\$72,814,132
1989	301	64.6%	\$18,908,036	42.8%	178	38.2%	\$13,810,964	31.2%	187	40.1%	\$11,457,841	25.9%	0	0.0%	\$0	0.0%	466	\$44,195,813
1990	321	69.0%	\$17,715,095	52.9%	158	34.0%	\$6,252,277	18.7%	221	47.5%	\$9,530,350	28.5%	0	0.0%	\$0	0.0%	465	\$33,497,722
1991	279	60.0%	\$12,204,286	51.9%	136	29.2%	\$4,625,009	19.7%	216	46.5%	\$6,659,829	28.3%	0	0.0%	\$0	0.0%	465	\$23,530,830
1992	304	65.1%	\$18,039,991	45.6%	118	25.3%	\$8,921,367	22.6%	213	45.6%	\$12,599,102	31.8%	0	0.0%	\$0	0.0%	467	\$39,561,400
1993	227	49.3%	\$9,851,581	33.6%	149	32.4%	\$8,809,435	30.1%	246	53.5%	\$8,307,427	28.3%	105	22.8%	\$2,343,086	8.0%	460	\$29,311,529
1994	247	55.4%	\$13,967,610	45.2%	140	31.4%	\$5,196,822	16.8%	242	54.3%	\$11,206,477	36.3%	36	8.1%	\$504,914	1.6%	446	\$30,907,967
1995	242	53.5%	\$9,868,294	33.4%	140	31.0%	\$8,382,231	28.4%	202	44.7%	\$9,248,061	31.3%	81	17.9%	\$2,026,548	6.9%	452	\$29,525,134
1996	198	45.1%	\$7,893,694	32.2%	130	29.6%	\$5,822,590	23.8%	222	50.6%	\$10,449,414	42.7%	49	11.2%	\$327,990	1.3%	439	\$24,495,092
1997	173	40.9%	\$5,711,627	30.9%	139	32.9%	\$5,258,705	28.5%	210	49.6%	\$6,399,657	34.6%	75	17.7%	\$1,113,187	6.0%	423	\$18,483,175
1998	177	41.9%	\$5,045,047	27.2%	124	29.4%	\$5,751,334	31.0%	194	46.0%	\$6,511,985	35.1%	69	16.4%	\$1,221,528	6.6%	422	\$18,529,894
1999	190	44.2%	\$6,242,425	34.0%	118	27.4%	\$3,842,798	20.9%	206	47.9%	\$6,456,026	35.2%	103	24.0%	\$1,821,774	9.9%	430	\$18,363,023
2000	258	61.1%	\$8,889,226	52.6%	95	22.5%	\$2,519,737	14.9%	177	41.9%	\$3,215,112	19.0%	166	39.3%	\$2,291,531	13.5%	422	\$16,915,606
2001	290	67.0%	\$7,946,328	46.7%	78	18.0%	\$2,748,152	16.2%	188	43.4%	\$5,115,498	30.1%	110	25.4%	\$1,205,946	7.1%	433	\$17,015,923
2002	252	64.5%	\$7,043,139	58.5%	91	23.3%	\$2,043,211	17.0%	159	40.7%	\$1,974,018	16.4%	88	22.5%	\$977,218	8.1%	391	\$12,037,586
2003	219	58.4%	\$5,727,764	44.5%	90	24.0%	\$2,546,571	19.8%	170	45.3%	\$3,901,953	30.3%	57	15.2%	\$708,748	5.5%	375	\$12,885,298
2004	210	60.3%	\$8,251,775	49.7%	75	21.6%	\$2,752,414	16.6%	160	46.0%	\$3,991,757	24.0%	51	14.7%	\$1,606,695	9.7%	348	\$16,602,642
2005	186	50.5%	\$5,457,134	31.4%	81	22.0%	\$2,899,334	16.7%	184	50.0%	\$7,187,351	41.3%	92	25.0%	\$1,842,740	10.6%	368	\$17,386,560
2006	211	58.9%	\$12,473,270	47.2%	50	14.0%	\$2,856,337	10.8%	184	51.4%	\$8,331,416	31.5%	77	21.5%	\$2,762,910	10.5%	358	\$26,423,933
2007	230	59.4%	\$8,944,839	46.2%	58	15.0%	\$3,161,974	16.3%	184	47.5%	\$6,731,147	34.8%	18	4.7%	\$527,017	2.7%	387	\$19,364,977
2008	253	64.5%	\$16,773,051	56.0%	57	14.5%	\$4,891,485	16.3%	190	48.5%	\$6,153,817	20.6%	106	27.0%	\$2,118,268	7.1%	392	\$29,936,622
2009	267	65.8%	\$12,057,266	52.3%	69	17.0%	\$3,876,553	16.8%	191	47.0%	\$6,370,007	27.6%	51	12.6%	\$751,681	3.3%	406	\$23,055,506
2010	279	66.1%	\$14,657,294	45.1%	72	17.1%	\$7,562,674	23.3%	194	46.0%	\$7,668,598	23.6%	85	20.1%	\$2,612,080	8.0%	422	\$32,500,645
2011	294	66.5%	\$19,580,882	53.1%	101	22.9%	\$7,863,702	21.3%	185	41.9%	\$8,256,179	22.4%	54	12.2%	\$1,140,339	3.1%	442	\$36,841,103
2012	298	67.1%	\$23,699,067	54.5%	100	22.5%	\$10,300,178	23.7%	177	39.9%	\$7,714,105	17.8%	73	16.4%	\$1,742,611	4.0%	444	\$43,455,961
2013	318	70.5%	\$17,790,174	52.8%	93	20.6%	\$5,640,921	16.8%	181	40.1%	\$6,943,577	20.6%	123	27.3%	\$3,289,312	9.8%	451	\$33,663,984
2014	299	69.4%	\$16,933,899	53.1%	80	18.6%	\$5,348,076	16.8%	163	37.8%	\$7,711,137	24.2%	67	15.5%	\$1,920,486	6.0%	431	\$31,913,597
2015	260	61.8%	\$8,374,965	36.2%	77	18.3%	\$5,823,365	25.1%	165	39.2%	\$5,583,777	24.1%	109	25.9%	\$3,381,249	14.6%	421	\$23,163,357
2016	257	60.6%	\$11,296,159	44.8%	83	19.6%	\$4,762,531	18.9%	179	42.2%	\$6,852,147	27.2%	88	20.8%	\$2,290,487	9.1%	424	\$25,201,324
2017	280	66.5%	\$20,282,077	60.7%	84	20.0%	\$4,442,527	13.3%	179	42.5%	\$6,085,367	18.2%	108	25.7%	\$2,590,359	7.8%	421	\$33,400,330
2018	310	73.6%	\$16,799,351	53.7%	83	19.7%	\$4,856,348	15.5%	173	41.1%	\$6,739,015	21.5%	92	21.9%	\$2,913,512	9.3%	421	\$31,308,226
2019	302	72.1%	\$11,879,222	56.6%	77	18.4%	\$3,118,749	14.9%	157	37.5%	\$3,597,724	17.1%	95	22.7%	\$2,396,838	11.4%	419	\$20,992,533
2020	211	57.3%	\$2,938,520	37.6%	65	17.7%	\$1,684,494	21.5%	136	37.0%	\$2,210,303	28.3%	70	19.0%	\$990,018	12.7%	368	\$7,823,336

- Adjusted for inflation to 2021 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- When fewer than four permits make landings, earnings in another column are masked (**) to protect 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 2020 Totals of Yakutat Salmon Set Gillnet Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

Residency	INITIAL ISSUE		TRANSFERS		MIGRATIONS		CANCELLED		2020 YEAR-END	
	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percentage
Local	1,956	90.5%	7	0.4%	-205	-10.5%	-982	-50.2%	775	85.2%
Nonlocal	53	2.5%	-17	-32.1%	59	111.3%	-60	-113.2%	35	3.8%
Nonresident	141	6.5%	41	29.1%	84	59.6%	-176	-124.8%	90	9.9%
AK Data Missing	12	0.6%	-31	-258.3%	62	516.7%	-33	-275.0%	10	1.1%
Total	2,162	100.0%	0	0.0%	0	0.0%	-1251	-57.9%	910	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.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 3-2. Transfer Acquisition Methods for Yakutat Salmon Set Gillnet Permits, 1980-2020

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>	301	47.6%	1,568	16.8%	6,567	50.8%	13,099	32.5%
<i>Sale</i>	282	44.6%	7,074	76.0%	4,991	38.6%	23,650	58.6%
<i>Trade</i>	4	0.6%	148	1.6%	97	0.8%	528	1.3%
<i>Inheritance</i>	29	4.6%	369	4.0%	787	6.1%	1829	4.5%
<i>Other</i>	16	2.5%	149	1.6%	478	3.7%	1257	3.1%
Total	632		9,308		12,920		40,363	

Table 3-2 provides counts of permits by transfer acquisition method 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 2020. Nearly half of all S04D permit transfers were gifts (47.6%, or 301/632), most of the other half were transferred as sales (44.6% or 282/632), and a smaller percentage were trades (0.6% or 4/632) or other (2.5% or 16/632).

Table 3-3. Relationships of Transferor to Transfer Recipients for Yakutat Salmon Set Gillnet Permits, 1980-2020

Relationship	S04D Permit		Combined Southeast Salmon		Statewide Salmon Set Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	174	27.5%	1,859	20.0%	2,557	19.8%	7,528	18.7%
Member of Immediate Family	247	39.1%	1,941	20.9%	6,235	48.3%	13,614	33.7%
Other Relative	62	9.8%	248	2.7%	896	6.9%	1,812	4.5%
Other/None	149	23.6%	5,260	56.5%	3,232	25.0%	17,409	43.1%
Total	632		9,308		12,920		40,363	

Table 3-3 shows the relationships between the transferors and transfer recipients for S04D permits and provides counts of 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 2020. Transfers within the family, both immediate family members and other relatives, total 48.9% (309/632) of all transfers. This compares to 23.5% (2,189/9,308) for all five Southeast Alaska salmon permit types combined, 55.1% (7,131/12,920) for statewide salmon set gillnet permits, and 38.2% (15,426/40,363) for all limited entry permits statewide.

⁴ CFEC implemented the transfer survey in 1980.

Emergency Transfers of S04D Permits

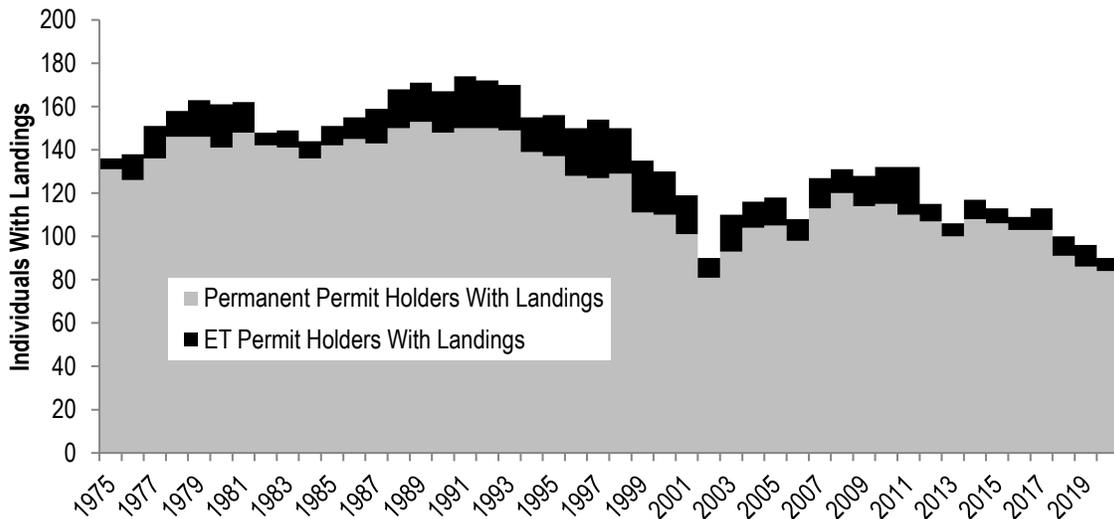
Commercial landings can be made with either permanently held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, 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 fisher. At the end of the year, ET permits automatically revert 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, 1975-2020

Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate	Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate	Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate
1975	136	5	3.7%	1991	174	24	13.8%	2007	127	14	11.0%
1976	138	12	8.7%	1992	172	22	12.8%	2008	131	11	8.4%
1977	151	15	9.9%	1993	170	21	12.4%	2009	128	14	10.9%
1978	158	12	7.6%	1994	155	16	10.3%	2010	132	17	12.9%
1979	163	17	10.4%	1995	156	19	12.2%	2011	132	22	16.7%
1980	161	20	12.4%	1996	150	22	14.7%	2012	115	8	7.0%
1981	162	14	8.6%	1997	154	27	17.5%	2013	106	6	5.7%
1982	148	6	4.1%	1998	150	21	14.0%	2014	117	9	7.7%
1983	149	8	5.4%	1999	135	24	17.8%	2015	113	7	6.2%
1984	144	8	5.6%	2000	130	20	15.4%	2016	109	6	5.5%
1985	151	9	6.0%	2001	119	18	15.1%	2017	113	10	8.8%
1986	155	10	6.5%	2002	90	9	10.0%	2018	100	9	9.0%
1987	159	16	10.1%	2003	110	17	15.5%	2019	96	10	10.4%
1988	168	18	10.7%	2004	116	12	10.3%	2020	90	6	6.7%
1989	171	18	10.5%	2005	118	13	11.0%				
1990	167	19	11.4%	2006	108	10	9.3%				

Figure 3-1. Use of Emergency Transfer Permits in the Yakutat Salmon Set Gillnet Fishery, 1975-2020



Latent S04D Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they fish. Permits that are not used (don't record landings) in a particular 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.

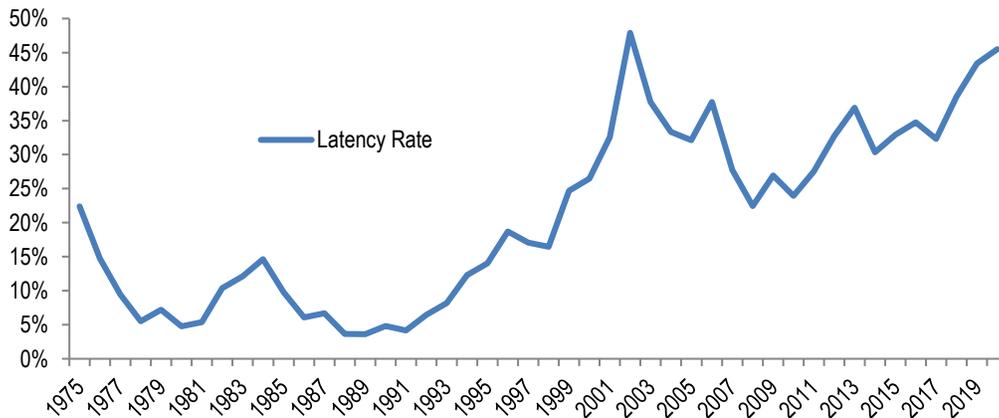
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

Table 3-5. Yakutat Salmon Set Gillnet Permit Latency, 1975-2020

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	174	135	22.4%	1991	168	161	4.2%	2007	166	120	27.7%
1976	156	133	14.7%	1992	170	159	6.5%	2008	165	128	22.4%
1977	159	144	9.4%	1993	171	157	8.2%	2009	167	122	26.9%
1978	163	154	5.5%	1994	171	150	12.3%	2010	167	127	24.0%
1979	167	155	7.2%	1995	171	147	14.0%	2011	167	121	27.5%
1980	167	159	4.8%	1996	171	139	18.7%	2012	168	113	32.7%
1981	167	158	5.4%	1997	170	141	17.1%	2013	168	106	36.9%
1982	164	147	10.4%	1998	170	142	16.5%	2014	168	117	30.4%
1983	165	145	12.1%	1999	170	128	24.7%	2015	167	112	32.9%
1984	164	140	14.6%	2000	170	125	26.5%	2016	167	109	34.7%
1985	164	148	9.8%	2001	169	114	32.5%	2017	167	113	32.3%
1986	164	154	6.1%	2002	167	87	47.9%	2018	166	102	38.6%
1987	165	154	6.7%	2003	167	104	37.7%	2019	166	94	43.4%
1988	165	159	3.6%	2004	168	112	33.3%	2020	167	91	45.5%
1989	166	160	3.6%	2005	168	114	32.1%				
1990	166	158	4.8%	2006	167	104	37.7%				

- 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, 1975-2020



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 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.

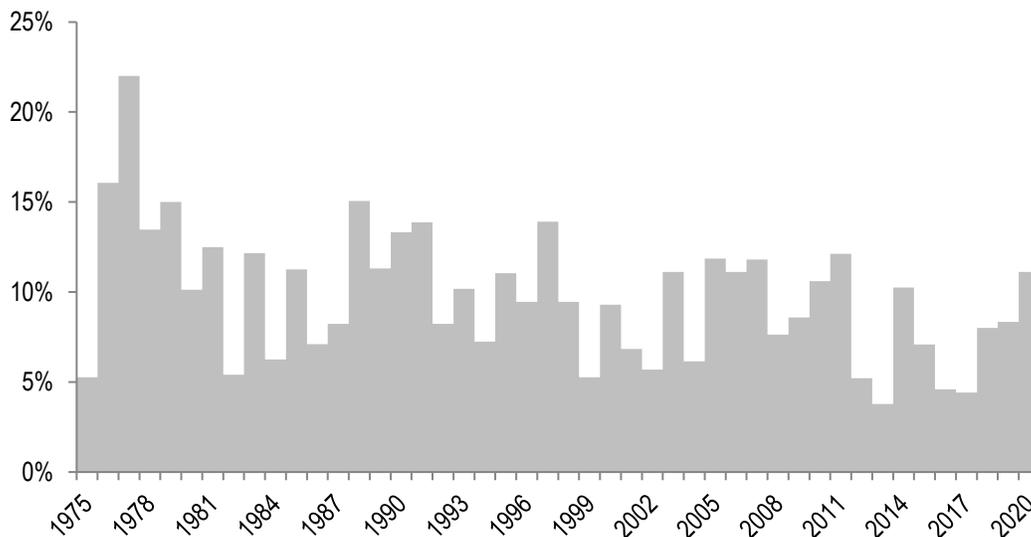
Table 3-6 and Figure 3-3 describe individuals rather than permits. An individual may hold one S04D permit one year, and then in subsequent years hold a different S04D permit. Likewise, individuals may enter and exit the fishery multiple times over the years. Individuals are only counted once as a new 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, 1975-2020

Year	Individuals w/Landings	New	New Percent	Year	Individuals w/Landings	New	New Percent	Year	Individuals w/Landings	New	New Percent
1975	95	5	5.3%	1991	173	24	13.9%	2007	127	15	11.8%
1976	137	22	16.1%	1992	170	14	8.2%	2008	131	10	7.6%
1977	150	21	22.0%	1993	167	17	10.2%	2009	128	11	8.6%
1978	156	17	13.5%	1994	152	11	7.2%	2010	132	14	10.6%
1979	160	21	15.0%	1995	154	17	11.0%	2011	132	16	12.1%
1980	158	15	10.1%	1996	148	14	9.5%	2012	115	6	5.2%
1981	160	18	12.5%	1997	151	21	13.9%	2013	106	4	3.8%
1982	148	7	5.4%	1998	148	14	9.5%	2014	117	12	10.3%
1983	148	18	12.2%	1999	133	7	5.3%	2015	113	8	7.1%
1984	144	9	6.3%	2000	129	12	9.3%	2016	109	5	4.6%
1985	151	17	11.3%	2001	117	8	6.8%	2017	113	5	4.4%
1986	155	11	7.1%	2002	88	5	5.7%	2018	100	8	8.0%
1987	158	13	8.2%	2003	108	12	11.1%	2019	96	8	8.3%
1988	166	25	15.1%	2004	114	7	6.1%	2020	90	10	11.1%
1989	168	19	11.3%	2005	118	14	11.9%				
1990	165	22	13.3%	2006	108	12	11.1%				

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

Figure 3-3. New Entrants into the Yakutat Salmon Set Gillnet Fishery, 1975-2020



Age of S04D Permit Holders

Table 3-7 shows the annual median 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 General population of Alaska.

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 median age of the general Alaska population has increased 9.7 years between 1980 and 2020, which represents a 37.3% increase. 15.5 years), 42.7% (15.3 years) for the statewide salmon set gillnet permit holders, and 29.7% (12.4 years) for the combined Southeast Alaska salmon permit holders.

For S04D permit holders, the median age increased 56.3% (18.8 years).

Table 3-7. Median age of Select CFEC Permit Holders and the General Alaska population

Year	S04D	Combined Southeast Salmon	Statewide Set Gillnet	Statewide All Permits	Median Alaska Age
1980	33.4	44.5	35.8	39.6	26.0
1981	34.0	44.4	36.0	39.5	26.4
1982	34.7	44.2	36.0	39.5	26.8
1983	34.6	43.7	35.7	39.6	27.1
1984	35.1	44.2	35.8	39.9	27.3
1985	35.7	44.6	36.3	40.1	27.5
1986	36.5	44.7	36.7	40.1	27.8
1987	36.9	45.2	37.0	40.4	28.2
1988	36.9	45.4	37.3	40.6	28.6
1989	37.6	46.0	38.0	41.0	29.0
1990	38.7	46.4	38.3	41.4	29.3
1991	39.3	46.8	38.9	41.9	29.7
1992	39.7	47.3	39.3	42.4	30.1
1993	40.8	47.9	39.9	43.0	30.5
1994	41.5	48.3	40.4	43.5	30.8
1995	42.6	48.5	41.0	43.9	31.1
1996	43.7	49.1	41.7	44.5	31.5
1997	44.6	49.6	42.0	45.0	31.8
1998	45.5	50.1	42.6	45.6	32.1
1999	46.5	50.5	43.1	46.1	32.3
2000	47.1	50.8	43.4	46.6	32.4
2001	47.7	51.2	44.1	47.0	32.7
2002	48.1	51.8	44.8	47.7	33.0
2003	48.7	52.3	45.5	48.4	33.2
2004	48.3	52.5	45.9	48.8	33.4
2005	48.1	52.6	46.0	49.3	33.6
2006	48.1	52.7	46.3	49.7	33.8
2007	48.1	53.0	46.8	50.1	33.9
2008	48.7	53.2	46.8	50.5	33.9
2009	49.0	53.6	47.3	51.1	33.9
2010	49.8	53.9	47.7	51.4	33.8
2011	50.8	53.9	48.2	51.8	33.9
2012	51.8	53.9	48.8	52.1	34.1
2013	53.2	53.9	49.0	52.4	34.3
2014	53.6	54.0	49.2	52.7	34.3
2015	54.5	54.4	49.6	53.3	34.5
2016	54.4	54.8	50.0	53.8	34.7
2017	52.3	52.3	50.4	54.2	34.9
2018	51.1	51.1	50.4	54.7	35.2
2019	51.3	51.3	50.8	54.8	35.5
2020	52.2	52.2	51.1	55.1	35.7

- Median Alaska Age is the average age of all Alaskans 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.

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 only expressed in real (adjusted for inflation) terms.

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

Year	S04D Permit Sales	Permit Value	Real
			Standard Deviation
1982	6	\$90,471	-
1983	2	\$72,841	-
1984	3	\$60,867	-
1985	8	\$64,011	-
1986	7	\$65,235	-
1987	4	\$63,700	\$8,700
1988	16	\$66,900	\$4,500
1989	5	\$71,300	\$17,400
1990	10	\$80,400	\$14,700
1991	5	\$86,300	\$14,400
1992	3	\$76,400	\$11,200
1993	9	\$86,300	\$43,600
1994	4	\$76,300	\$14,900
1995	5	\$86,700	\$11,100
1996	8	\$73,600	\$12,400
1997	5	\$57,900	\$4,500
1998	2	\$48,400	\$11,500
1999	2	\$53,600	\$10,700
2000	3	\$44,000	\$12,200
2001	3	\$41,200	\$8,200
2002	0	\$34,400	\$5,700
2003	4	\$13,900	\$4,600
2004	12	\$15,300	\$2,400
2005	8	\$17,500	\$2,100
2006	4	\$17,300	\$2,200
2007	10	\$21,300	\$1,700
2008	10	\$25,100	\$2,500
2009	4	\$22,200	\$3,900
2010	5	\$21,200	\$1,800
2011	5	\$21,100	\$1,900
2012	4	\$22,900	\$500
2013	2	\$22,900	\$400
2014	8	\$20,000	\$3,700
2015	4	\$21,000	\$600
2016	3	\$18,500	\$4,300
2017	0	\$18,500	\$4,300
2018	4	\$20,900	\$300
2019	0	\$20,900	\$300
2020	2	\$18,700	\$1,600

- 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 have been included until at least four observations could be averaged.
- The Standard Deviation was not calculated prior to 1987. See https://www.cfec.state.ak.us/pmtvalue/pre1987_main.htm for details.
- Real permit values were calculated using the 2021 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.⁵ A stacked permit operation involves an individual fishing two full complements of gear using two permits. 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. Yakutat Set Gillnet Participation, Effort, and Real Earnings by Operation Type, 2016-2020

Year	Operation Type	Individuals with Landings	Effort	Ex-vessel Value	Average Ex-Vessel Value	Individuals	Ex-vessel Value
2012	Stacked	1-3	*	*	*	*	*
	Single	*	*	*	*	*	*
	Combined	115	*	\$1,782,094	\$15,496	100.0%	100.0%
2013	Stacked	1-3	*	*	*	*	*
	Single	*	*	*	*	*	*
	Combined	106	*	\$3,449,923	\$32,546	100.0%	100.0%
2014	Stacked	1-3	*	*	*	*	*
	Single	*	*	*	*	*	*
	Combined	117	*	\$2,381,282	\$20,353	100.0%	100.0%
2015	Stacked	1-3	*	*	*	*	*
	Single	*	*	*	*	*	*
	Combined	113	*	\$1,487,518	\$13,164	100.0%	100.0%
2016	Stacked	4	8	\$170,552	\$42,638	3.7%	8.0%
	Single	105	105	\$1,970,687	\$18,768	96.3%	92.0%
	Combined	109	113	\$2,141,239	\$19,644	100.0%	100.0%
2017	Stacked	1-3	*	*	*	*	*
	Single	*	*	*	*	*	*
	Combined	113	*	\$2,768,702	\$24,502	100.0%	100.0%
2018	Stacked	8	16	\$147,288	\$18,411	8.0%	13.2%
	Single	92	92	\$966,050	\$10,501	92.0%	86.8%
	Combined	100	108	\$1,113,338	\$11,133	100.0%	100.0%
2019	Stacked	5	10	\$97,342	\$19,468	5.2%	5.6%
	Single	91	91	\$1,652,404	\$18,158	94.8%	94.4%
	Combined	96	101	\$1,749,747	\$18,227	100.0%	100.0%
2020	Stacked	1-3	*	*	*	*	*
	Single	*	*	*	*	*	*
	Combined	90	*	\$1,165,271	\$12,947	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 2020 Consumer Price Index.

Table 3-9 provides data on participation by operation type. While at least one individual has fished with two permits every year since 2012, for many years there were fewer than four individuals fishing with a stacked permit operation so earnings data cannot be provided in this public report. Note that this table reports on individuals and not permits.

⁵ 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 in real dollars using the 2021 Consumer Price Index from the U.S. Bureau of Labor Statistics.

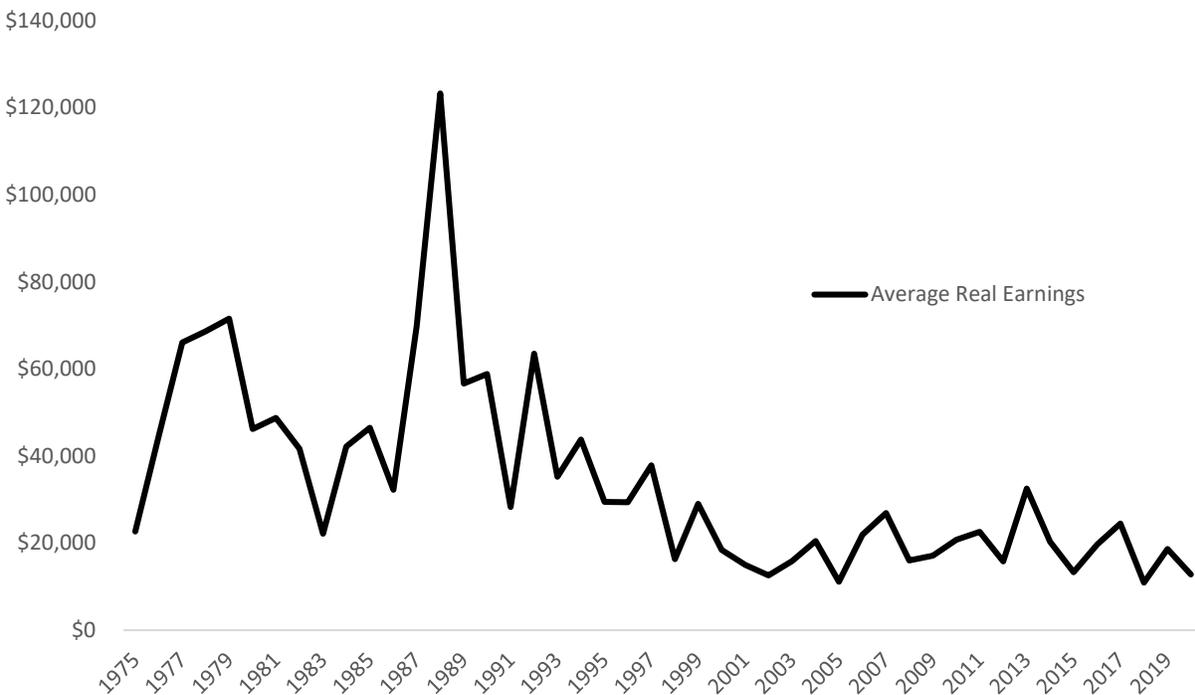
Permit counts include interim entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held for the Yakutat salmon set gillnet fishery was in 2004. 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 2020. 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 to protect confidentiality.

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

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



- Real earnings are adjusted for inflation using the 2021 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, 1975-2020

Year	Viable Permits	Total Gross Earnings		Permits With Landings	Average Real Earnings
		Nominal	Real		
1975	174	\$617,769	\$3,056,162	135	\$22,638
1976	156	\$1,266,918	\$5,927,068	133	\$44,564
1977	159	\$2,165,108	\$9,510,747	144	\$66,047
1978	163	\$2,588,725	\$10,565,345	154	\$68,606
1979	167	\$3,022,174	\$11,086,634	155	\$71,527
1980	167	\$2,272,641	\$7,342,214	159	\$46,177
1981	167	\$2,631,179	\$7,704,323	158	\$48,762
1982	164	\$2,220,866	\$6,127,206	147	\$41,682
1983	165	\$1,200,401	\$3,208,737	145	\$22,129
1984	164	\$2,305,102	\$5,907,608	140	\$42,197
1985	164	\$2,777,108	\$6,873,571	148	\$46,443
1986	164	\$2,044,606	\$4,966,305	154	\$32,249
1987	165	\$4,587,640	\$10,749,364	154	\$69,801
1988	165	\$8,703,413	\$19,594,094	159	\$123,233
1989	166	\$4,217,986	\$9,058,735	160	\$56,617
1990	166	\$4,560,978	\$9,293,690	158	\$58,821
1991	168	\$2,330,261	\$4,555,346	161	\$28,294
1992	170	\$5,320,994	\$10,096,035	159	\$63,497
1993	171	\$3,000,832	\$5,530,526	157	\$35,226
1994	171	\$3,653,893	\$6,562,990	150	\$43,753
1995	171	\$2,479,193	\$4,331,518	147	\$29,466
1996	171	\$2,406,670	\$4,085,069	139	\$29,389
1997	170	\$3,216,870	\$5,335,569	141	\$37,841
1998	170	\$1,416,481	\$2,313,493	142	\$16,292
1999	170	\$2,324,296	\$3,714,916	128	\$29,023
2000	170	\$1,491,218	\$2,305,554	125	\$18,444
2001	169	\$1,134,695	\$1,706,120	114	\$14,966
2002	167	\$741,392	\$1,097,349	87	\$12,613
2003	167	\$1,140,130	\$1,650,070	104	\$15,866
2004	168	\$1,629,266	\$2,296,495	112	\$20,504
2005	168	\$926,824	\$1,263,517	114	\$11,083
2006	167	\$1,724,122	\$2,276,999	104	\$21,894
2007	166	\$2,516,647	\$3,231,480	120	\$26,929
2008	165	\$1,657,225	\$2,049,273	128	\$16,010
2009	167	\$1,681,645	\$2,086,889	122	\$17,106
2010	167	\$2,157,567	\$2,634,296	127	\$20,742
2011	167	\$2,311,802	\$2,736,232	121	\$22,613
2012	168	\$1,536,822	\$1,782,094	113	\$15,771
2013	168	\$3,018,686	\$3,449,923	106	\$32,546
2014	168	\$2,117,425	\$2,381,282	117	\$20,353
2015	167	\$1,324,263	\$1,487,518	112	\$13,281
2016	167	\$1,930,288	\$2,141,239	109	\$19,644
2017	167	\$2,549,101	\$2,768,702	113	\$24,502
2018	166	\$1,050,070	\$1,113,338	102	\$10,915
2019	166	\$1,680,220	\$1,749,747	94	\$18,614
2020	167	\$1,132,772	\$1,165,271	91	\$12,805

- Adjusted for inflation to 2021 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, 1975-2020

Year	Local			Nonlocal			Nonresident			Total		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	106	\$20,048	\$2,125,047	16	\$17,019	\$272,298	14	\$47,058	\$658,817	136	\$22,472	\$3,056,162
1976	111	\$37,412	\$4,152,741	12	\$49,534	\$594,408	15	\$78,661	\$1,179,919	138	\$42,950	\$5,927,068
1977	121	\$58,630	\$7,094,290	18	\$65,725	\$1,183,052	12	\$102,784	\$1,233,405	151	\$62,985	\$9,510,747
1978	121	\$57,927	\$7,009,219	18	\$83,915	\$1,510,470	19	\$107,666	\$2,045,656	158	\$66,869	\$10,565,345
1979	126	\$60,713	\$7,649,805	18	\$82,094	\$1,477,689	19	\$103,113	\$1,959,140	163	\$68,016	\$11,086,634
1980	121	\$43,582	\$5,273,379	23	\$47,953	\$1,102,908	17	\$56,819	\$965,927	161	\$45,604	\$7,342,214
1981	122	\$46,563	\$5,680,662	22	\$43,297	\$952,537	18	\$59,507	\$1,071,124	162	\$47,558	\$7,704,323
1982	111	\$39,960	\$4,435,569	17	\$30,394	\$516,701	20	\$58,747	\$1,174,936	148	\$41,400	\$6,127,206
1983	111	\$20,918	\$2,321,919	19	\$19,875	\$377,620	19	\$26,800	\$509,199	149	\$21,535	\$3,208,737
1984	109	\$41,757	\$4,551,497	16	\$46,005	\$736,083	19	\$32,633	\$620,028	144	\$41,025	\$5,907,608
1985	110	\$44,641	\$4,910,539	23	\$43,655	\$1,004,059	18	\$53,276	\$958,973	151	\$45,520	\$6,873,571
1986	108	\$30,894	\$3,336,515	25	\$38,327	\$958,174	22	\$30,528	\$671,616	155	\$32,041	\$4,966,305
1987	108	\$71,265	\$7,696,627	29	\$66,562	\$1,930,296	22	\$51,020	\$1,122,441	159	\$67,606	\$10,749,364
1988	109	\$119,877	\$13,066,556	34	\$116,443	\$3,959,075	25	\$102,738	\$2,568,462	168	\$116,632	\$19,594,094
1989	114	\$52,216	\$5,952,660	30	\$58,432	\$1,752,973	27	\$50,115	\$1,353,102	171	\$52,975	\$9,058,735
1990	114	\$54,787	\$6,245,738	27	\$59,918	\$1,617,784	26	\$55,006	\$1,430,167	167	\$55,651	\$9,293,690
1991	118	\$28,747	\$3,392,184	32	\$22,407	\$717,026	24	\$18,589	\$446,137	174	\$26,180	\$4,555,346
1992	120	\$56,348	\$6,761,758	25	\$69,370	\$1,734,238	27	\$59,261	\$1,600,039	172	\$58,698	\$10,096,035
1993	118	\$32,688	\$3,857,200	26	\$30,533	\$793,848	26	\$33,826	\$879,479	170	\$32,533	\$5,530,526
1994	106	\$42,461	\$4,500,844	22	\$44,874	\$987,235	27	\$39,811	\$1,074,910	155	\$42,342	\$6,562,990
1995	105	\$30,377	\$3,189,553	20	\$26,802	\$536,034	31	\$19,546	\$605,932	156	\$27,766	\$4,331,518
1996	103	\$29,994	\$3,089,400	18	\$23,610	\$424,977	29	\$19,679	\$570,692	150	\$27,234	\$4,085,069
1997	106	\$39,018	\$4,135,941	18	\$26,349	\$474,274	30	\$24,178	\$725,353	154	\$34,647	\$5,335,569
1998	102	\$16,315	\$1,664,099	14	\$17,485	\$244,785	34	\$11,900	\$404,608	150	\$15,423	\$2,313,493
1999	105	\$28,380	\$2,979,869	9	\$24,370	\$219,331	21	\$24,558	\$515,716	135	\$27,518	\$3,714,916
2000	89	\$17,559	\$1,562,718	15	\$18,380	\$275,694	26	\$17,967	\$467,142	130	\$17,735	\$2,305,554
2001	84	\$16,114	\$1,353,558	13	\$11,208	\$145,706	22	\$9,403	\$206,855	119	\$14,337	\$1,706,120
2002	64	\$14,272	\$913,377	9	\$4,793	\$43,137	17	\$8,284	\$140,835	90	\$12,193	\$1,097,349
2003	81	\$14,368	\$1,163,780	14	\$11,203	\$156,846	15	\$21,963	\$329,444	110	\$15,001	\$1,650,070
2004	78	\$21,171	\$1,651,326	11	\$18,977	\$208,744	27	\$16,164	\$436,426	116	\$19,797	\$2,296,495
2005	85	\$11,917	\$1,012,927	12	\$7,899	\$94,791	21	\$7,419	\$155,799	118	\$10,708	\$1,263,517
2006	82	\$21,778	\$1,785,824	11	\$22,731	\$250,042	15	\$16,076	\$241,133	108	\$21,083	\$2,276,999
2007	92	\$23,937	\$2,202,165	16	\$29,126	\$466,019	19	\$29,647	\$563,295	127	\$25,445	\$3,231,480
2008	99	\$16,486	\$1,632,087	11	\$22,828	\$251,105	21	\$7,909	\$166,081	131	\$15,643	\$2,049,273
2009	98	\$16,982	\$1,664,223	10	\$21,809	\$218,086	20	\$10,229	\$204,580	128	\$16,304	\$2,086,889
2010	100	\$21,350	\$2,134,976	13	\$17,027	\$221,351	19	\$14,630	\$277,969	132	\$19,957	\$2,634,296
2011	93	\$21,760	\$2,023,724	14	\$22,736	\$318,308	25	\$15,768	\$394,199	132	\$20,729	\$2,736,232
2012	83	\$16,672	\$1,383,750	16	\$8,678	\$138,843	16	\$16,219	\$259,501	115	\$15,496	\$1,782,094
2013	79	\$37,085	\$2,929,735	14	\$16,667	\$233,339	13	\$22,065	\$286,848	106	\$32,546	\$3,449,923
2014	85	\$21,204	\$1,802,376	19	\$15,251	\$289,777	13	\$22,241	\$289,130	117	\$20,353	\$2,381,282
2015	82	\$15,700	\$1,287,430	17	\$4,210	\$71,569	14	\$9,180	\$128,519	113	\$13,164	\$1,487,518
2016	78	\$23,304	\$1,817,751	16	\$10,664	\$170,629	15	\$10,191	\$152,859	109	\$19,644	\$2,141,239
2017	87	\$26,925	\$2,342,447	12	\$16,231	\$194,771	14	\$16,535	\$231,484	113	\$24,502	\$2,768,702
2018	76	\$12,642	\$960,766	13	\$4,381	\$56,947	11	\$8,693	\$95,625	100	\$11,133	\$1,113,338
2019	71	\$17,704	\$1,256,974	9	\$19,172	\$172,551	16	\$20,014	\$320,221	96	\$18,227	\$1,749,747
2020	71	\$12,817	\$910,037	10	\$10,835	\$108,347	9	\$16,321	\$146,887	90	\$12,947	\$1,165,271

- Adjusted for inflation to 2021 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 2020

Year	District 182		District 183		District 185		District 186		District 191		District 192		Total	
	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value
1975	122	\$2,376,517	34	\$591,672	4	\$87,972	0	\$0	0	\$0	0	\$0	160	\$3,056,162
1976	122	\$4,966,157	32	\$832,370	0	\$0	0	\$0	0	\$0	4	\$128,541	158	\$5,927,068
1977	135	\$7,871,335	54	\$1,367,646	1-3	confidential	0	\$0	0	\$0	1-3	confidential	193	\$9,510,747
1978	147	\$8,215,168	58	\$734,309	4	\$106,167	0	\$0	1-3	confidential	23	\$1,432,389	233	\$10,559,464
1979	149	\$8,350,567	63	\$1,280,401	1-3	confidential	0	\$0	0	\$0	33	\$1,303,619	246	\$11,086,634
1980	150	\$4,841,606	45	\$1,145,102	14	\$399,579	0	\$0	0	\$0	37	\$955,926	246	\$7,342,214
1981	144	\$5,285,595	79	\$1,364,399	19	\$276,616	0	\$0	0	\$0	30	\$774,976	272	\$7,701,586
1982	129	\$4,158,138	58	\$1,002,619	9	\$96,061	0	\$0	0	\$0	46	\$870,387	242	\$6,127,206
1983	133	\$2,302,598	65	\$469,214	11	\$88,869	0	\$0	0	\$0	16	\$348,056	225	\$3,208,737
1984	130	\$3,834,243	60	\$694,428	5	\$25,102	0	\$0	0	\$0	24	\$1,353,835	219	\$5,907,608
1985	139	\$4,865,247	63	\$560,412	7	\$52,821	0	\$0	0	\$0	41	\$1,395,091	250	\$6,873,571
1986	142	\$3,276,168	71	\$685,090	17	\$340,950	1-3	confidential	0	\$0	47	\$622,921	279	\$4,966,305
1987	148	\$7,917,146	71	\$1,165,331	9	\$313,945	0	\$0	0	\$0	42	\$1,352,943	270	\$10,749,364
1988	153	\$12,992,366	67	\$2,832,400	1-3	confidential	0	\$0	0	\$0	42	\$3,612,670	264	\$19,594,094
1989	158	\$6,597,005	80	\$1,324,529	11	\$128,636	0	\$0	0	\$0	29	\$1,008,565	278	\$9,058,735
1990	149	\$6,744,741	69	\$1,633,117	10	\$148,665	0	\$0	0	\$0	38	\$767,167	266	\$9,293,690
1991	157	\$3,437,854	61	\$568,171	1-3	confidential	0	\$0	0	\$0	28	\$523,375	248	\$4,555,346
1992	157	\$7,596,891	59	\$883,764	1-3	confidential	1-3	confidential	4	\$11,105	23	\$1,524,823	245	\$10,096,035
1993	153	\$4,580,018	41	\$317,821	1-3	confidential	1-3	confidential	4	\$7,121	24	\$598,279	225	\$5,530,526
1994	147	\$5,284,792	47	\$420,630	1-3	confidential	0	\$0	0	\$0	27	\$826,447	223	\$6,562,990
1995	142	\$3,479,478	47	\$470,370	1-3	confidential	0	\$0	0	\$0	11	\$327,084	201	\$4,331,518
1996	132	\$3,484,634	44	\$279,383	1-3	confidential	0	\$0	0	\$0	9	\$288,377	186	\$4,085,069
1997	132	\$4,100,440	34	\$403,938	1-3	confidential	0	\$0	0	\$0	17	\$774,500	184	\$5,335,569
1998	132	\$1,552,523	33	\$127,203	1-3	confidential	0	\$0	0	\$0	26	\$563,648	194	\$2,313,493
1999	117	\$2,338,317	55	\$704,005	1-3	confidential	0	\$0	0	\$0	30	\$647,901	203	\$3,714,916
2000	108	\$1,525,764	46	\$336,174	1-3	confidential	0	\$0	0	\$0	22	\$426,382	177	\$2,305,554
2001	105	\$1,283,655	60	\$301,657	0	\$0	0	\$0	0	\$0	10	\$120,807	175	\$1,706,120
2002	86	\$1,011,389	35	\$85,960	0	\$0	0	\$0	0	\$0	0	\$0	121	\$1,097,349
2003	100	\$1,515,267	34	\$134,803	0	\$0	0	\$0	0	\$0	0	\$0	134	\$1,650,070
2004	108	\$1,989,999	47	\$260,595	0	\$0	0	\$0	0	\$0	1-3	confidential	157	\$2,296,495
2005	97	\$818,685	42	\$286,728	0	\$0	0	\$0	0	\$0	8	\$158,104	147	\$1,263,517
2006	93	\$1,493,353	46	\$481,386	0	\$0	0	\$0	0	\$0	13	\$302,259	152	\$2,276,999
2007	106	\$2,284,518	60	\$720,087	0	\$0	0	\$0	0	\$0	12	\$226,875	178	\$3,231,480
2008	110	\$1,299,309	58	\$254,118	1-3	confidential	0	\$0	0	\$0	10	\$495,653	179	\$2,049,273
2009	111	\$1,412,292	56	\$235,154	1-3	confidential	0	\$0	0	\$0	10	\$382,001	180	\$2,086,889
2010	109	\$1,754,743	47	\$323,745	1-3	confidential	0	\$0	0	\$0	18	\$542,068	176	\$2,634,296
2011	109	\$1,968,700	50	\$490,731	0	\$0	0	\$0	0	\$0	20	\$276,801	179	\$2,736,232
2012	96	\$1,133,490	39	\$279,011	0	\$0	0	\$0	0	\$0	13	\$369,593	148	\$1,782,094
2013	92	\$2,579,148	36	\$440,360	0	\$0	0	\$0	0	\$0	12	\$430,415	140	\$3,449,923
2014	104	\$1,740,517	41	\$361,834	0	\$0	0	\$0	0	\$0	9	\$278,931	154	\$2,381,282
2015	100	\$1,197,979	41	\$186,806	0	\$0	0	\$0	0	\$0	6	\$102,561	147	\$1,487,346
2016	96	\$1,656,240	43	\$401,469	0	\$0	0	\$0	0	\$0	1-3	confidential	141	\$2,141,239
2017	102	\$2,200,625	49	\$562,776	0	\$0	0	\$0	0	\$0	1-3	confidential	153	\$2,768,702
2018	90	\$972,676	38	\$68,155	0	\$0	0	\$0	0	\$0	4	\$72,507	132	\$1,113,338
2019	78	\$1,291,053	36	\$233,403	0	\$0	0	\$0	0	\$0	4	\$225,291	118	\$1,749,747
2020	80	\$885,339	28	\$101,939	0	\$0	0	\$0	0	\$0	4	\$177,993	112	\$1,165,271

- Adjusted for inflation to 2021 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 to protect 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 6.5% (141/2,162). 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 2020 Totals of Statewide Salmon Hand Troll Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

Residency	INITIAL ISSUE		TRANSFERS		MIGRATIONS		CANCELLED		2020 YEAR-END	
	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percentage
Local	1,956	90.5%	7	0.4%	-205	-10.5%	-982	-50.2%	775	85.2%
Nonlocal	53	2.5%	-17	-32.1%	59	111.3%	-60	-113.2%	35	3.8%
Nonresident	141	6.5%	41	29.1%	84	59.6%	-176	-124.8%	90	9.9%
AK Data Missing	12	0.6%	-31	-258.3%	62	516.7%	-33	-275.0%	10	1.1%
Total	2,162	100.0%	0	0.0%	0	0.0%	-1,251	-57.9%	910	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 (96.2%, or 1,204/1,251) 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.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 4-2. Transfer Acquisition Methods for Statewide Salmon Hand Troll Permits, 1980-2020

Acquisition Method	S05B Permit		Combined Southeast Salmon		Statewide Salmon Troll		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	361	11.4%	1,568	16.8%	649	11.0%	13,099	32.5%
Sale	2,577	81.5%	7,074	76.0%	4,832	81.8%	23,650	58.6%
Trade	62	2.0%	148	1.6%	104	1.8%	528	1.3%
Inheritance	128	4.0%	369	4.0%	247	4.2%	1,829	4.5%
Other	34	1.1%	149	1.6%	76	1.3%	1,257	3.1%
Total	3,162		9,308		5,908		40,363	

Table 4-2 provides counts of permits by transfer acquisition method for the S05B permits, all five Southeast Alaska salmon permit types combined, both hand and power troll permits, and all limited entry permits between 1980 and 2020. More than four-fifths of all S05B permit transfers were sales (81.5%, or 2,577/3,162), about one in ten were transferred as gifts (11.4% or 361/3,162), and a smaller percentage were trades (2.0% or 62/3,162) or other (1.1% or 34/3,162).

Table 4-3. Relationships of Transferor to Transfer Recipients for Statewide Salmon Hand Troll Permits, 1980-2020

Relationship	S05B Permit		Combined Southeast Salmon		Statewide Salmon Troll		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	675	21.3%	1,859	20.0%	1,194	20.2%	7,528	18.7%
Member of Immediate Family	525	16.6%	1,941	20.9%	976	16.5%	13,614	33.7%
Other Relative	67	2.1%	248	2.7%	116	2.0%	1,812	4.5%
Other/None	1,895	59.9%	5,260	56.5%	3,622	61.3%	17,409	43.1%
Total	3,162		9,308		5,908		40,363	

Table 4-3 shows the relationships between the transferors and transfer recipients for S05B permits and provides counts of S05B permit transfers with all five Southeast Alaska salmon permit types combined, statewide salmon troll permits, and all limited entry permits from 1982 to 2020. Transfers within the family, both immediate family members and other relatives, total 18.7% (1,092/3,162) of all transfers. This compares to 23.5% (2,189/9,308) for all five Southeast Alaska salmon permit types combined, 18.5% (592/5,908) for statewide salmon troll permits, and 38.2% (15,426/40,363) for all limited entry permits statewide.

⁶ CFEC implemented the transfer survey in 1980.

Emergency Transfers of S05B Permits

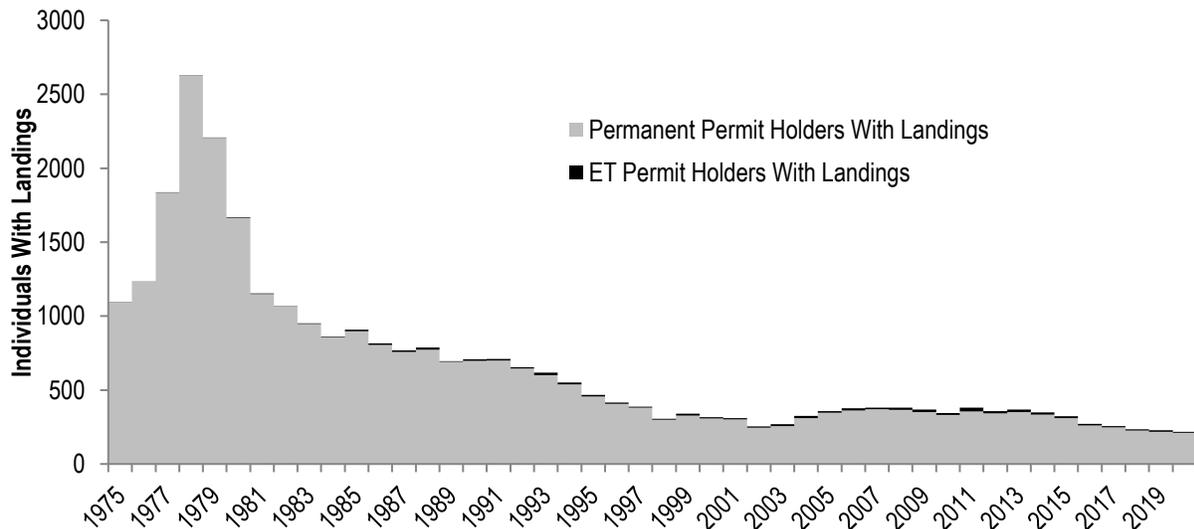
Commercial landings can be made with either permanently held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, 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 fisher. At the end of the year, ET permits automatically revert 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, 1975-2020

Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate	Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate	Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate
1975	1,093	1	0.1%	1991	710	10	1.4%	2007	380	9	2.4%
1976	1,238	0	0.0%	1992	655	10	1.5%	2008	382	16	4.2%
1977	1,836	1	0.1%	1993	618	18	2.9%	2009	367	16	4.4%
1978	2,626	2	0.1%	1994	552	15	2.7%	2010	344	13	3.8%
1979	2,206	1	0.0%	1995	466	10	2.1%	2011	381	25	6.6%
1980	1,667	3	0.2%	1996	416	10	2.4%	2012	358	15	4.2%
1981	1,153	5	0.4%	1997	387	7	1.8%	2013	368	17	4.6%
1982	1,068	3	0.3%	1998	306	7	2.3%	2014	349	15	4.3%
1983	952	6	0.6%	1999	340	13	3.8%	2015	322	11	3.4%
1984	861	4	0.5%	2000	316	9	2.8%	2016	271	10	3.7%
1985	908	10	1.1%	2001	309	8	2.6%	2017	257	9	3.5%
1986	816	11	1.3%	2002	254	9	3.5%	2018	235	8	3.4%
1987	768	11	1.4%	2003	270	13	4.8%	2019	228	11	4.8%
1988	788	16	2.0%	2004	324	15	4.6%	2020	218	8	3.7%
1989	696	5	0.7%	2005	357	11	3.1%				
1990	708	10	1.4%	2006	377	16	4.2%				

Figure 4-1. Use of Emergency Transfer Permits in the Statewide Salmon Hand Troll Fishery, 1975-2020



Latent S05B Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they fish. Permits that are not used (don't record landings) in a particular 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.

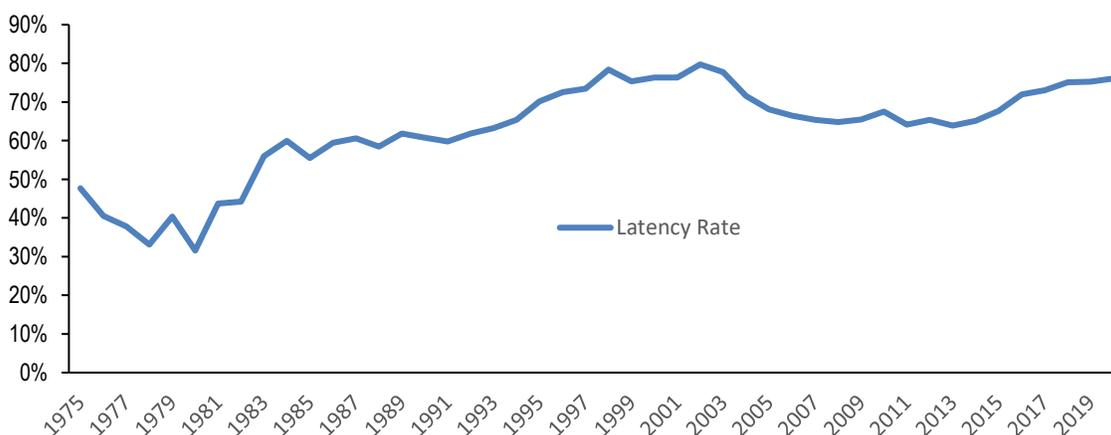
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

Table 4-5. Statewide Salmon Hand Troll Permit Latency, 1975-2020

Year	Permits Issued	Permits Fished	Latency Rate	Year	Permits Issued	Permits Fished	Latency Rate	Year	Permits Issued	Permits Fished	Latency Rate
1975	2,088	1,092	47.7%	1991	1,741	700	59.8%	2007	1,083	375	65.4%
1976	2,082	1,238	40.5%	1992	1,689	645	61.8%	2008	1,065	375	64.8%
1977	2,953	1,836	37.8%	1993	1,634	600	63.3%	2009	1,055	364	65.5%
1978	3,923	2,624	33.1%	1994	1,579	547	65.4%	2010	1,044	339	67.5%
1979	3,702	2,207	40.4%	1995	1,540	460	70.1%	2011	1,037	372	64.1%
1980	2,436	1,667	31.6%	1996	1,501	412	72.6%	2012	1,019	353	65.4%
1981	2,048	1,153	43.7%	1997	1,459	387	73.5%	2013	1,002	362	63.9%
1982	1,914	1,067	44.3%	1998	1,409	304	78.4%	2014	992	346	65.1%
1983	2,150	946	56.0%	1999	1,370	338	75.3%	2015	978	316	67.7%
1984	2,147	860	59.9%	2000	1,329	315	76.3%	2016	959	269	71.9%
1985	2,030	903	55.5%	2001	1,295	307	76.3%	2017	950	256	73.1%
1986	1,983	804	59.5%	2002	1,248	253	79.7%	2018	945	235	75.1%
1987	1,937	763	60.6%	2003	1,189	265	77.7%	2019	918	227	75.3%
1988	1,870	777	58.4%	2004	1,140	324	71.6%	2020	910	218	76.0%
1989	1,817	694	61.8%	2005	1,108	353	68.1%				
1990	1,782	699	60.8%	2006	1,105	371	66.4%				

- 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 4-2. Statewide Salmon Hand Troll Permit Latency, 1975-2020



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 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.

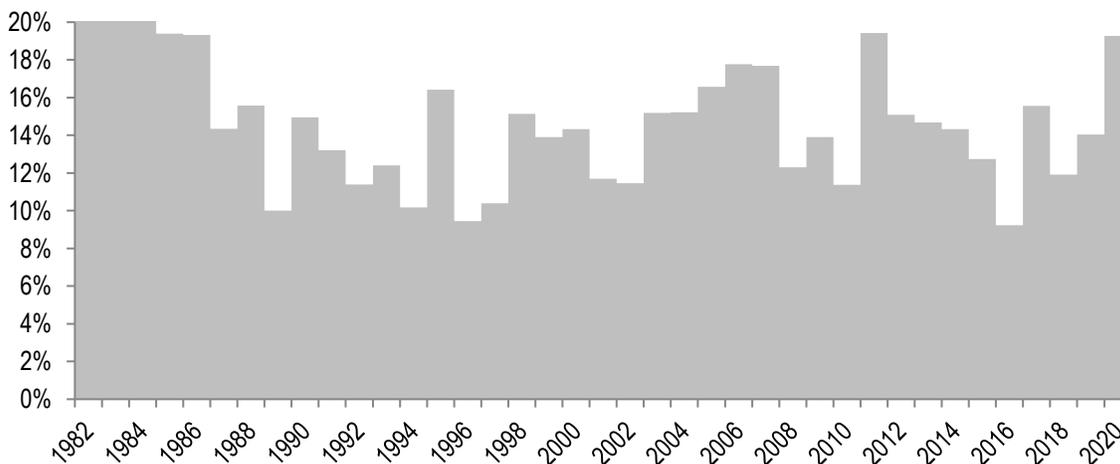
Table 4-6 and Figure 4-3 describe individuals rather than permits. An individual may hold up to two permits in this fishery but can only fish one of them. An individual may hold one S05B permit one year, and then in subsequent years hold a different S05B permit. Likewise, individuals may enter and exit 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, 1975-2020

Year	Individuals w/Landings	New	Percent New	Year	Individuals w/Landings	New	Percent New	Year	Individuals w/Landings	New	Percent New
1982	451	24	5.3%	1998	304	46	15.1%	2014	349	50	14.3%
1983	937	80	8.5%	1999	338	47	13.9%	2015	322	41	12.7%
1984	845	65	7.7%	2000	314	45	14.3%	2016	271	25	9.2%
1985	877	86	9.8%	2001	308	36	11.7%	2017	257	40	15.6%
1986	802	110	13.7%	2002	253	29	11.5%	2018	235	28	11.9%
1987	760	109	14.3%	2003	270	41	15.2%	2019	228	32	14.0%
1988	783	122	15.6%	2004	322	49	15.2%	2020	218	42	19.3%
1989	690	69	10.0%	2005	356	59	16.6%				
1990	702	105	15.0%	2006	377	67	17.8%				
1991	704	93	13.2%	2007	379	67	17.7%				
1992	650	74	11.4%	2008	382	47	12.3%				
1993	613	76	12.4%	2009	367	51	13.9%				
1994	550	56	10.2%	2010	343	39	11.4%				
1995	463	76	16.4%	2011	381	74	19.4%				
1996	413	39	9.4%	2012	358	54	15.1%				
1997	385	40	10.4%	2013	368	54	14.7%				

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

Figure 4-3. New Entrants into the Statewide Salmon Hand Troll Fishery, 1975-2020



Age of S05B Permit Holders

Table 4-7. Median age of Select CFEC Permit Holders and the General Alaska population

Year	S05B	Combined Southeast Salmon	Statewide Salmon Troll	Statewide All Permits	Median Alaska Age
1982	41.5	40.7	43.7	39.5	26.8
1983	40.7	40.6	42.2	39.6	27.1
1984	41.7	40.7	42.9	39.9	27.3
1985	42.6	40.9	43.5	40.1	27.5
1986	43.1	40.2	43.8	40.1	27.8
1987	44.0	40.5	44.5	40.4	28.2
1988	44.5	40.6	44.8	40.6	28.6
1989	45.3	41.1	45.3	41.0	29.0
1990	46.2	41.6	46.1	41.4	29.3
1991	46.6	42.0	46.6	41.9	29.7
1992	47.4	43.0	47.4	42.4	30.1
1993	48.0	43.5	48.0	43.0	30.5
1994	48.5	43.7	48.6	43.5	30.8
1995	48.7	44.4	48.6	43.9	31.1
1996	49.5	44.8	49.6	44.5	31.5
1997	50.1	45.6	50.2	45.0	31.8
1998	50.9	46.0	51.0	45.6	32.1
1999	51.1	46.7	51.5	46.1	32.3
2000	51.8	47.1	51.9	46.6	32.4
2001	52.5	47.9	52.5	47.0	32.7
2002	53.2	48.6	53.2	47.7	33.0
2003	53.6	49.5	53.8	48.4	33.2
2004	53.6	50.3	53.7	48.8	33.4
2005	54.2	50.6	54.1	49.3	33.6
2006	54.7	51.1	54.4	49.7	33.8
2007	55.2	51.5	54.9	50.1	33.9
2008	55.9	51.8	55.5	50.5	33.9
2009	56.9	52.1	56.3	51.1	33.9
2010	57.8	52.2	57.0	51.4	33.8
2011	58.4	52.3	57.3	51.8	33.9
2012	58.8	52.1	57.5	52.1	34.1
2013	59.1	51.8	58.0	52.4	34.3
2014	59.4	52.3	58.2	52.7	34.3
2015	60.0	52.7	58.7	53.3	34.5
2016	60.5	53.2	59.2	53.8	34.7
2017	60.9	53.5	59.6	54.2	34.9
2018	61.8	53.9	60.2	54.7	35.2
2019	62.1	53.6	60.4	54.8	35.5
2020	61.9	54.1	60.8	55.1	35.7

- Median Alaska Age is the average age of all Alaskans 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 median 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 General population of Alaska.

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 median age of the general Alaska population has increased 8.9 years between 1982 and 2020, which represents a 33.2% increase. The percent change in ages over the same period for all CFEC permit holders increased by 39.5% (15.6 years), 39.1% (17.1 years) for the statewide salmon hand and power troll permit holders, and 32.9% (13.4 years) for the combined Southeast Alaska salmon permit holders.

For S05B permit holders, the median age increased 49.2% (20.4 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 only expressed in real (adjusted for inflation) terms.

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

Year	S05B Permit Sales	Real	
		Permit Value	Standard Deviation
1982	20	\$10,561	-
1984	60	\$12,127	-
1985	87	\$12,645	-
1986	107	\$12,866	-
1987	90	\$13,100	\$1,200
1988	96	\$14,600	\$1,800
1989	63	\$15,900	\$1,800
1990	93	\$17,100	\$13,900
1991	81	\$16,400	\$1,500
1992	69	\$16,100	\$2,000
1993	52	\$14,100	\$1,100
1994	59	\$13,200	\$1,600
1995	78	\$13,100	\$1,000
1996	40	\$10,000	\$1,500
1997	53	\$9,200	\$1,300
1998	43	\$7,700	\$1,200
1999	59	\$6,200	\$700
2000	61	\$6,300	\$1,000
2001	56	\$6,200	\$600
2002	35	\$5,600	\$900
2003	61	\$5,000	\$500
2004	60	\$5,700	\$1,300
2005	69	\$9,800	\$1,200
2006	76	\$11,400	\$1,100
2007	74	\$12,200	\$1,100
2008	59	\$12,200	\$1,100
2009	57	\$13,100	\$800
2010	48	\$12,000	\$700
2011	81	\$12,400	\$1,000
2012	63	\$12,600	\$800
2013	55	\$11,700	\$600
2014	71	\$12,200	\$800
2015	30	\$12,400	\$700
2016	35	\$11,400	\$1,000
2017	38	\$10,900	\$600
2018	27	\$9,900	\$800
2019	24	\$9,100	\$600
2020	41	\$8,300	\$600

- 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 1987. See https://www.cfec.state.ak.us/pmtvalue/pre1987_main.htm for details..
- Real permit values were calculated using the 2021 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	3,471	3,216	45	49	55	3,432	18	22	27	1,292	1	3	8	1,175	1	3	8	3,283	50	120	188	653	15	60	200
1979	3,160	2,962	44	48	56	3,127	18	22	28	1,227	1	3	10	1,159	1	4	9	2,867	50	120	200	744	15	50	200
1980	2,273	2,147	44	48	58	2,249	18	23	28	921	1	4	9	858	1	4	8	2,048	52	120	190	556	18	60	205
1981	1,815	1,729	44	48	59	1,804	18	23	29	717	1	4	10	668	1	5	9	1,687	50	115	188	468	20	75	216
1982	1,701	1,634	43	48	60	1,694	18	24	30	696	2	5	11	667	2	5	9	1,574	52	115	188	460	20	98	250
1983	1,787	1,733	43	48	60	1,785	19	24	31	757	2	7	12	747	2	5	9	1,711	50	115	185	524	25	100	250
1984	1,652	1,613	42	47	59	1,649	19	24	31	712	3	7	12	703	2	5	10	1,588	50	115	188	478	30	100	256
1985	1,697	1,656	42	47	58	1,695	19	25	32	777	3	8	13	754	2	6	10	1,647	53	115	188	522	40	120	300
1986	1,721	1,682	42	47	58	1,718	19	25	32	789	3	8	13	776	2	6	11	1,662	55	115	188	561	40	126	300
1987	1,668	1,629	42	47	57	1,665	19	25	32	765	3	8	14	758	2	6	11	1,605	60	115	188	547	40	144	300
1988	1,648	1,609	41	47	57	1,645	19	25	32	779	3	8	14	766	3	6	11	1,596	65	115	188	560	40	149	320
1989	1,552	1,523	41	46	57	1,548	19	26	32	763	4	9	15	741	3	6	11	1,512	60	120	190	559	48	150	360
1990	1,525	1,496	41	46	57	1,524	19	26	33	749	4	9	15	727	3	6	12	1,488	65	120	199	544	50	160	400
1991	1,506	1,484	40	46	55	1,504	19	26	34	754	4	10	15	731	3	7	12	1,474	60	120	200	555	40	150	400
1992	1,458	1,438	39	46	54	1,455	19	26	33	732	4	10	15	711	3	7	12	1,415	60	120	200	535	40	150	400
1993	1,421	1,396	38	45	53	1,417	19	26	33	726	4	10	16	694	3	7	12	1,378	60	120	200	519	48	160	400
1994	1,378	1,356	38	45	53	1,377	19	26	34	707	4	10	16	677	4	7	12	1,327	65	120	200	479	50	185	400
1995	1,342	1,321	36	45	53	1,342	20	26	34	681	5	10	16	665	4	8	12	1,286	70	120	200	470	50	189	400
1996	1,220	1,200	36	44	52	1,220	20	26	35	617	5	11	17	591	4	8	13	1,163	70	130	205	431	54	200	430
1997	1,182	1,159	35	43	52	1,182	20	26	35	599	5	10	18	576	4	8	13	1,132	70	127	210	413	54	200	420
1998	1,114	1,096	35	43	51	1,114	20	26	35	580	5	11	18	555	4	8	13	1,071	70	130	210	392	60	200	449
1999	1,086	1,065	34	43	51	1,086	20	26	35	560	5	11	18	540	4	8	13	1,051	75	140	210	382	50	200	441
2000	1,050	1,033	34	42	51	1,050	20	26	35	552	5	11	18	535	4	8	14	1,023	75	136	210	369	50	200	480
2001	1,038	1,021	33	42	50	1,038	20	26	34	527	5	11	18	508	4	8	14	1,002	70	139	210	351	44	200	500
2002	990	975	31	41	49	990	19	26	34	509	5	11	18	488	4	8	14	955	70	140	220	329	50	200	500
2003	1,004	991	31	41	48	1,004	20	26	34	510	5	11	19	488	4	9	14	966	75	150	225	334	40	200	480
2004	1,001	987	30	40	48	1,001	20	26	34	504	5	11	19	476	4	8	14	968	82	150	225	318	40	200	512
2005	1,008	995	30	40	47	1,008	20	26	36	525	5	11	20	499	4	9	15	980	85	150	225	338	48	200	512
2006	1,027	1,010	30	40	47	1,027	20	26	36	531	5	12	21	504	4	9	15	986	85	150	225	350	45	200	556
2007	1,007	991	29	40	47	1,007	20	26	36	518	5	12	21	489	4	9	16	971	88	150	225	354	40	200	500
2008	1,020	1,006	28	39	46	1,020	20	26	35	528	5	11	20	492	4	9	15	976	85	150	230	360	40	160	500
2009	1,009	996	28	39	47	1,009	20	26	35	521	5	11	19	478	4	9	15	959	85	150	239	347	40	150	455
2010	988	976	28	39	46	988	20	26	34	503	5	11	18	473	4	8	14	929	84	150	240	346	45	150	450
2011	1,011	1,002	26	38	46	1,011	20	26	34	525	5	11	18	488	4	8	14	950	85	150	250	355	30	150	450
2012	975	966	26	38	46	975	20	27	34	502	5	11	18	470	4	8	14	913	85	150	250	337	30	150	450
2013	969	960	26	37	46	969	20	26	34	501	5	11	19	476	4	8	14	906	85	150	250	332	31	150	450
2014	958	950	26	37	45	958	20	26	34	508	5	11	19	477	4	8	14	892	85	150	250	332	34	150	441
2015	932	926	25	36	44	932	20	26	34	483	4	11	19	456	4	8	15	863	90	150	250	322	36	148	450
2016	893	886	25	36	43	893	20	26	34	460	4	12	19	435	4	9	15	828	90	165	250	309	30	140	450
2017	891	885	24	34	43	891	20	26	34	455	4	12	19	425	4	8	15	816	90	175	260	299	40	150	500
2018	835	829	24	35	43	835	20	26	34	426	5	12	19	397	4	9	15	756	100	180	260	283	48	170	500
2019	838	833	22	34	42	838	20	26	34	427	5	12	19	398	4	9	14	758	100	180	270	286	40	173	500
2020	832	830	21	32	42	832	20	26	34	427	4	12	19	396	4	9	15	756	115	200	285	298	34	150	445
Mean	1,341					1,337				636				607				1,273				426			

• Mean values include every vessel used in this fishery from 1978 to 2020.

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				Engine Data		Hull Material							Hull Data				
		Diesel		Gas		Missing		Aluminum		Fiberglass		Concrete		Steel		Wood		Missing	
1978	3,471	576	16.6%	2,833	81.6%	62	1.8%	257	7.4%	2,041	58.8%	4	0.1%	37	1.1%	1,095	31.5%	37	1.1%
1979	3,160	649	20.5%	2,435	77.1%	76	2.4%	228	7.2%	1,754	55.5%	11	0.3%	33	1.0%	1,065	33.7%	69	2.2%
1980	2,273	516	22.7%	1,719	75.6%	38	1.7%	156	6.9%	1,247	54.9%	4	0.2%	27	1.2%	785	34.5%	54	2.4%
1981	1,815	470	25.9%	1,328	73.2%	17	0.9%	139	7.7%	988	54.4%	4	0.2%	21	1.2%	625	34.4%	38	2.1%
1982	1,701	511	30.0%	1,170	68.8%	20	1.2%	140	8.2%	901	53.0%	3	0.2%	24	1.4%	614	36.1%	19	1.1%
1983	1,787	596	33.4%	1,173	65.6%	18	1.0%	155	8.7%	942	52.7%	2	0.1%	21	1.2%	660	36.9%	7	0.4%
1984	1,652	588	35.6%	1,047	63.4%	17	1.0%	159	9.6%	875	53.0%	2	0.1%	23	1.4%	579	35.0%	14	0.8%
1985	1,697	654	38.5%	1,026	60.5%	17	1.0%	171	10.1%	882	52.0%	4	0.2%	31	1.8%	599	35.3%	10	0.6%
1986	1,721	669	38.9%	1,025	59.6%	27	1.6%	189	11.0%	908	52.8%	3	0.2%	29	1.7%	578	33.6%	14	0.8%
1987	1,668	657	39.4%	971	58.2%	40	2.4%	196	11.8%	891	53.4%	3	0.2%	32	1.9%	535	32.1%	11	0.7%
1988	1,648	667	40.5%	956	58.0%	25	1.5%	206	12.5%	870	52.8%	5	0.3%	31	1.9%	527	32.0%	9	0.5%
1989	1,552	660	42.5%	877	56.5%	15	1.0%	210	13.5%	805	51.9%	4	0.3%	33	2.1%	491	31.6%	9	0.6%
1990	1,525	677	44.4%	833	54.6%	15	1.0%	197	12.9%	807	52.9%	5	0.3%	32	2.1%	475	31.1%	7	0.5%
1991	1,506	681	45.2%	814	54.1%	11	0.7%	212	14.1%	793	52.7%	3	0.2%	37	2.5%	449	29.8%	9	0.6%
1992	1,458	678	46.5%	763	52.3%	17	1.2%	234	16.0%	750	51.4%	5	0.3%	37	2.5%	414	28.4%	13	0.9%
1993	1,421	664	46.7%	738	51.9%	19	1.3%	234	16.5%	738	51.9%	7	0.5%	31	2.2%	395	27.8%	12	0.8%
1994	1,378	661	48.0%	695	50.4%	22	1.6%	249	18.1%	709	51.5%	7	0.5%	32	2.3%	368	26.7%	9	0.7%
1995	1,342	669	49.9%	647	48.2%	26	1.9%	242	18.0%	699	52.1%	9	0.7%	29	2.2%	353	26.3%	7	0.5%
1996	1,220	620	50.8%	572	46.9%	28	2.3%	241	19.8%	641	52.5%	7	0.6%	30	2.5%	290	23.8%	5	0.4%
1997	1,182	596	50.4%	565	47.8%	21	1.8%	236	20.0%	628	53.1%	8	0.7%	30	2.5%	270	22.8%	4	0.3%
1998	1,114	562	50.4%	537	48.2%	15	1.3%	229	20.6%	595	53.4%	6	0.5%	31	2.8%	245	22.0%	3	0.3%
1999	1,086	545	50.2%	528	48.6%	13	1.2%	223	20.5%	589	54.2%	3	0.3%	30	2.8%	233	21.5%	3	0.3%
2000	1,050	541	51.5%	500	47.6%	9	0.9%	224	21.3%	563	53.6%	3	0.3%	30	2.9%	222	21.1%	4	0.4%
2001	1,038	497	47.9%	522	50.3%	19	1.8%	235	22.6%	565	54.4%	4	0.4%	32	3.1%	195	18.8%	3	0.3%
2002	990	474	47.9%	498	50.3%	18	1.8%	231	23.3%	546	55.2%	2	0.2%	30	3.0%	174	17.6%	3	0.3%
2003	1,004	477	47.5%	504	50.2%	23	2.3%	238	23.7%	566	56.4%	2	0.2%	28	2.8%	163	16.2%	4	0.4%
2004	1,001	463	46.3%	517	51.6%	21	2.1%	245	24.5%	566	56.5%	1	0.1%	32	3.2%	150	15.0%	5	0.5%
2005	1,008	483	47.9%	510	50.6%	15	1.5%	264	26.2%	554	55.0%	1	0.1%	32	3.2%	149	14.8%	6	0.6%
2006	1,027	487	47.4%	523	50.9%	17	1.7%	268	26.1%	568	55.3%	2	0.2%	30	2.9%	149	14.5%	8	0.8%
2007	1,007	477	47.4%	518	51.4%	12	1.2%	263	26.1%	581	57.7%	2	0.2%	25	2.5%	126	12.5%	8	0.8%
2008	1,020	478	46.9%	526	51.6%	16	1.6%	279	27.4%	577	56.6%	1	0.1%	24	2.4%	127	12.5%	9	0.9%
2009	1,009	471	46.7%	525	52.0%	13	1.3%	279	27.7%	566	56.1%	1	0.1%	24	2.4%	130	12.9%	5	0.5%
2010	988	461	46.7%	515	52.1%	12	1.2%	281	28.4%	553	56.0%	1	0.1%	21	2.1%	125	12.7%	4	0.4%
2011	1,011	479	47.4%	523	51.7%	9	0.9%	299	29.6%	555	54.9%	2	0.2%	22	2.2%	127	12.6%	3	0.3%
2012	975	457	46.9%	509	52.2%	9	0.9%	290	29.7%	542	55.6%	2	0.2%	22	2.3%	114	11.7%	2	0.2%
2013	969	460	47.5%	499	51.5%	10	1.0%	302	31.2%	529	54.6%	1	0.1%	22	2.3%	111	11.5%	1	0.1%
2014	958	450	47.0%	497	51.9%	11	1.1%	303	31.6%	525	54.8%	2	0.2%	22	2.3%	102	10.6%	1	0.1%
2015	932	429	46.0%	493	52.9%	10	1.1%	290	31.1%	525	56.3%	1	0.1%	19	2.0%	92	9.9%	1	0.1%
2016	893	414	46.4%	469	52.5%	10	1.1%	282	31.6%	503	56.3%	1	0.1%	20	2.2%	82	9.2%	3	0.3%
2017	891	405	45.5%	475	53.3%	11	1.2%	288	32.3%	505	56.7%	1	0.1%	20	2.2%	73	8.2%	2	0.2%
2018	835	387	46.3%	436	52.2%	12	1.4%	278	33.3%	462	55.3%	1	0.1%	19	2.3%	70	8.4%	2	0.2%
2019	838	383	45.7%	441	52.6%	14	1.7%	298	35.6%	456	54.4%	1	0.1%	21	2.5%	58	6.9%	1	0.1%
2020	832	373	44.8%	446	53.6%	13	1.6%	316	38.0%	440	52.9%	1	0.1%	22	2.6%	50	6.0%	1	0.1%
Mean	1,341	537	43.1%	784	55.4%	20	1.4%	239	20.7%	728	54.3%	3	0.2%	27	2.2%	331	21.6%	10	0.6%

• Mean values include every vessel used in this fishery from 1978 to 2020.

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 in real dollars using the 2021 Consumer Price Index from the U.S. Bureau of Labor Statistics.

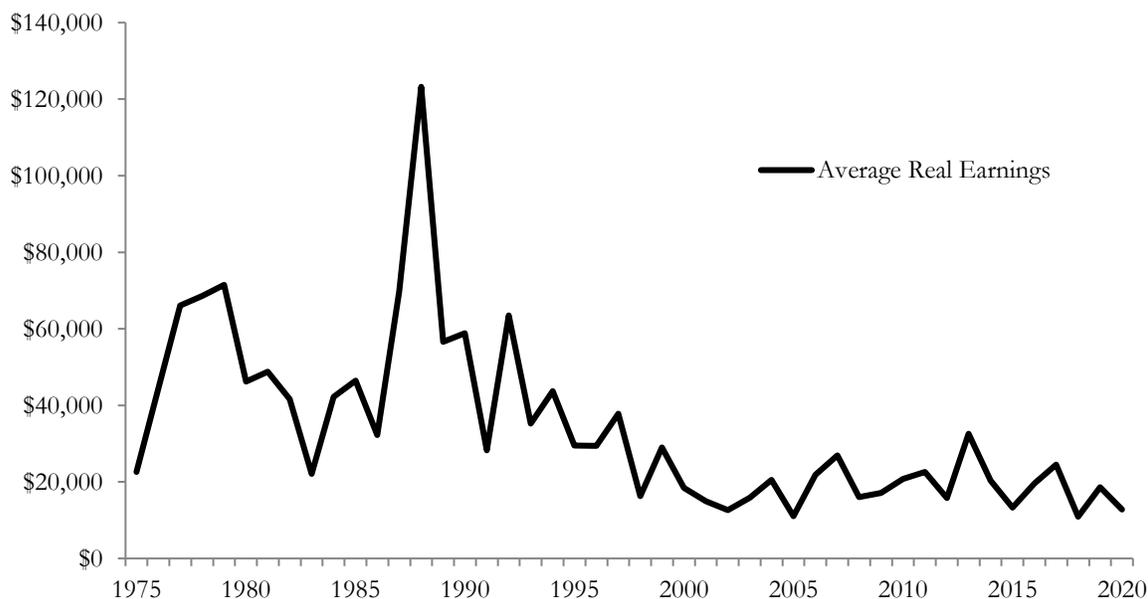
Permit counts include interim entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held for the Statewide salmon hand troll fishery was in 2010. 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 2020. 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 to protect 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 Real Average Gross Earnings Per Statewide Salmon Hand Troll Permit



- Real earnings are adjusted for inflation using the 2021 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, 1975-2020

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	\$2,757,800	1,092	\$2,525	1,138	\$2,423
1976	2,082	\$1,491,007	\$6,975,432	1,238	\$5,634	1,267	\$5,505
1977	2,953	\$3,320,440	\$14,585,814	1,836	\$7,944	1,910	\$7,637
1978	3,923	\$5,662,208	\$23,109,127	2,624	\$8,807	2,656	\$8,701
1979	3,702	\$6,407,285	\$23,504,679	2,207	\$10,650	2,292	\$10,255
1980	2,436	\$3,160,358	\$10,210,158	1,667	\$6,125	1,699	\$6,010
1981	2,048	\$3,458,925	\$10,128,034	1,153	\$8,784	1,242	\$8,155
1982	1,909	\$4,065,858	\$11,217,401	1,067	\$10,513	1,115	\$10,060
1983	2,150	\$2,488,900	\$6,652,968	946	\$7,033	1,009	\$6,594
1984	2,147	\$3,928,661	\$10,068,530	860	\$11,708	899	\$11,200
1985	2,030	\$3,931,688	\$9,731,251	903	\$10,777	955	\$10,190
1986	1,983	\$3,995,291	\$9,704,479	804	\$12,070	872	\$11,129
1987	1,937	\$3,730,839	\$8,741,781	763	\$11,457	817	\$10,700
1988	1,870	\$4,658,521	\$10,487,782	777	\$13,498	829	\$12,651
1989	1,817	\$3,136,685	\$6,736,484	694	\$9,707	724	\$9,305
1990	1,782	\$4,333,431	\$8,830,029	699	\$12,632	793	\$11,135
1991	1,741	\$3,605,726	\$7,048,708	700	\$10,070	828	\$8,513
1992	1,688	\$3,787,622	\$7,186,621	645	\$11,142	743	\$9,672
1993	1,634	\$3,151,552	\$5,808,301	600	\$9,681	697	\$8,333
1994	1,579	\$4,480,066	\$8,046,930	547	\$14,711	620	\$12,979
1995	1,540	\$1,475,793	\$2,578,430	460	\$5,605	478	\$5,394
1996	1,501	\$1,588,320	\$2,696,007	412	\$6,544	430	\$6,270
1997	1,459	\$1,450,661	\$2,406,098	387	\$6,217	400	\$6,015
1998	1,409	\$968,027	\$1,581,048	304	\$5,201	308	\$5,133
1999	1,370	\$1,418,134	\$2,266,600	338	\$6,706	343	\$6,608
2000	1,329	\$825,476	\$1,276,258	315	\$4,052	319	\$4,001
2001	1,295	\$1,016,462	\$1,528,345	307	\$4,978	323	\$4,732
2002	1,248	\$637,210	\$943,146	253	\$3,728	253	\$3,728
2003	1,189	\$857,588	\$1,241,157	265	\$4,684	271	\$4,580
2004	1,140	\$1,721,276	\$2,426,186	324	\$7,488	337	\$7,199
2005	1,108	\$1,677,969	\$2,287,533	353	\$6,480	369	\$6,199
2006	1,105	\$2,012,051	\$2,657,259	371	\$7,162	383	\$6,938
2007	1,083	\$2,081,271	\$2,672,439	375	\$7,127	387	\$6,906
2008	1,065	\$2,927,252	\$3,619,748	375	\$9,653	396	\$9,141
2009	1,055	\$1,484,584	\$1,842,340	364	\$5,061	376	\$4,900
2010	1,044	\$2,119,468	\$2,587,779	339	\$7,634	345	\$7,501
2011	1,037	\$2,228,868	\$2,638,072	372	\$7,092	384	\$6,870
2012	1,019	\$1,777,601	\$2,061,300	353	\$5,839	360	\$5,726
2013	1,002	\$2,939,443	\$3,359,359	362	\$9,280	373	\$9,006
2014	992	\$2,472,317	\$2,780,397	346	\$8,036	355	\$7,832
2015	978	\$1,315,057	\$1,477,177	316	\$4,675	331	\$4,463
2016	959	\$1,369,947	\$1,519,662	269	\$5,649	272	\$5,587
2017	950	\$1,813,975	\$1,970,247	256	\$7,696	260	\$7,578
2018	945	\$1,199,844	\$1,272,136	235	\$5,413	246	\$5,171
2019	918	\$905,046	\$942,496	227	\$4,152	235	\$4,011
2020	910	\$757,135	\$778,856	218	\$3,573	220	\$3,540

- Adjusted for inflation to 2021 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, 1975-2020

Year	Local			Nonlocal			Nonresident			Total		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	1,043	\$2,428	\$2,532,871	7	\$373	\$2,612	43	\$5,170	\$222,317	1,093	\$2,523	\$2,757,800
1976	1,190	\$5,520	\$6,568,683	5	\$2,604	\$13,021	43	\$9,156	\$393,728	1,238	\$5,634	\$6,975,432
1977	1,753	\$7,665	\$13,435,915	12	\$10,887	\$130,649	71	\$14,356	\$1,019,249	1,836	\$7,944	\$14,585,814
1978	2,394	\$8,381	\$20,064,590	30	\$10,771	\$323,119	202	\$13,472	\$2,721,419	2,626	\$8,800	\$23,109,127
1979	1,919	\$9,917	\$19,030,509	47	\$9,830	\$462,026	240	\$16,717	\$4,012,144	2,206	\$10,655	\$23,504,679
1980	1,484	\$5,728	\$8,501,074	31	\$10,365	\$321,326	152	\$9,130	\$1,387,758	1,667	\$6,125	\$10,210,158
1981	1,060	\$8,266	\$8,762,288	20	\$14,885	\$297,701	73	\$14,631	\$1,068,045	1,153	\$8,784	\$10,128,034
1982	990	\$9,936	\$9,836,621	13	\$10,637	\$138,275	65	\$19,115	\$1,242,505	1,068	\$10,503	\$11,217,401
1983	877	\$6,800	\$5,963,334	17	\$8,733	\$148,457	58	\$9,331	\$541,177	952	\$6,988	\$6,652,968
1984	800	\$11,452	\$9,161,973	7	\$12,856	\$89,991	54	\$15,122	\$816,565	861	\$11,694	\$10,068,530
1985	828	\$10,567	\$8,749,224	12	\$7,682	\$92,188	68	\$13,086	\$889,839	908	\$10,717	\$9,731,251
1986	747	\$11,380	\$8,500,716	11	\$11,011	\$121,124	58	\$18,666	\$1,082,639	816	\$11,893	\$9,704,479
1987	683	\$10,862	\$7,418,649	12	\$11,737	\$140,840	73	\$16,196	\$1,182,292	768	\$11,383	\$8,741,781
1988	695	\$12,313	\$8,557,332	20	\$21,174	\$423,486	73	\$20,643	\$1,506,965	788	\$13,309	\$10,487,782
1989	610	\$9,180	\$5,599,837	16	\$6,949	\$111,180	70	\$14,650	\$1,025,467	696	\$9,679	\$6,736,484
1990	637	\$12,125	\$7,723,887	15	\$11,523	\$172,844	56	\$16,666	\$933,298	708	\$12,472	\$8,830,029
1991	638	\$9,674	\$6,172,314	15	\$9,690	\$145,347	57	\$12,825	\$731,048	710	\$9,928	\$7,048,708
1992	580	\$10,992	\$6,375,500	13	\$10,716	\$139,303	62	\$10,836	\$671,818	655	\$10,972	\$7,186,621
1993	556	\$9,259	\$5,148,061	16	\$10,393	\$166,294	46	\$10,738	\$493,946	618	\$9,399	\$5,808,301
1994	498	\$14,625	\$7,283,369	11	\$10,569	\$116,261	43	\$15,054	\$647,301	552	\$14,578	\$8,046,930
1995	416	\$5,517	\$2,295,056	10	\$2,930	\$29,296	40	\$6,352	\$254,078	466	\$5,533	\$2,578,430
1996	375	\$6,444	\$2,416,639	10	\$2,118	\$21,184	31	\$8,328	\$258,183	416	\$6,481	\$2,696,007
1997	346	\$6,131	\$2,121,279	10	\$2,890	\$28,898	31	\$8,256	\$255,921	387	\$6,217	\$2,406,098
1998	273	\$5,023	\$1,371,240	5	\$1,554	\$7,772	28	\$7,216	\$202,036	306	\$5,167	\$1,581,048
1999	310	\$6,365	\$1,973,058	5	\$3,823	\$19,114	25	\$10,977	\$274,428	340	\$6,666	\$2,266,600
2000	284	\$3,842	\$1,091,169	4	\$2,072	\$8,287	28	\$6,314	\$176,803	316	\$4,039	\$1,276,258
2001	281	\$5,023	\$1,411,601	7	\$1,031	\$7,219	21	\$5,216	\$109,526	309	\$4,946	\$1,528,345
2002	232	\$3,683	\$854,564	1-3	confidential	confidential	20	confidential	confidential	254	\$3,713	\$943,146
2003	249	\$4,541	\$1,130,606	1-3	confidential	confidential	19	confidential	confidential	270	\$4,597	\$1,241,157
2004	297	\$7,703	\$2,287,742	4	\$609	\$2,437	23	\$5,913	\$136,007	324	\$7,488	\$2,426,186
2005	314	\$6,594	\$2,070,445	9	\$1,319	\$11,871	34	\$6,036	\$205,217	357	\$6,408	\$2,287,533
2006	342	\$7,071	\$2,418,320	11	\$6,220	\$68,423	24	\$7,105	\$170,516	377	\$7,048	\$2,657,259
2007	336	\$7,115	\$2,390,521	11	\$5,464	\$60,108	33	\$6,722	\$221,811	380	\$7,033	\$2,672,439
2008	339	\$9,559	\$3,240,386	7	\$18,340	\$128,379	36	\$6,972	\$250,984	382	\$9,476	\$3,619,748
2009	320	\$5,096	\$1,630,795	10	\$5,663	\$56,627	37	\$4,187	\$154,919	367	\$5,020	\$1,842,340
2010	305	\$7,508	\$2,289,939	5	\$17,509	\$87,544	34	\$6,185	\$210,295	344	\$7,523	\$2,587,779
2011	333	\$7,158	\$2,383,703	9	\$6,902	\$62,121	39	\$4,929	\$192,248	381	\$6,924	\$2,638,072
2012	320	\$6,003	\$1,920,827	6	\$2,527	\$15,165	32	\$3,916	\$125,308	358	\$5,758	\$2,061,300
2013	331	\$9,313	\$3,082,445	6	\$3,591	\$21,546	31	\$8,238	\$255,369	368	\$9,129	\$3,359,359
2014	314	\$8,093	\$2,541,271	5	\$9,998	\$49,988	30	\$6,305	\$189,139	349	\$7,967	\$2,780,397
2015	283	\$4,793	\$1,356,403	8	\$5,743	\$45,945	31	\$2,414	\$74,829	322	\$4,588	\$1,477,177
2016	246	\$5,620	\$1,382,611	6	\$7,607	\$45,642	19	\$4,811	\$91,409	271	\$5,608	\$1,519,662
2017	226	\$7,597	\$1,716,914	10	\$8,497	\$84,967	21	\$8,017	\$168,365	257	\$7,666	\$1,970,247
2018	220	\$5,202	\$1,144,473	6	\$12,198	\$73,189	9	\$6,053	\$54,474	235	\$5,413	\$1,272,136
2019	204	\$4,106	\$837,629	7	\$7,035	\$49,242	17	\$3,272	\$55,624	228	\$4,134	\$942,496
2020	199	\$3,560	\$708,408	4	\$6,769	\$27,076	15	\$2,892	\$43,373	218	\$3,573	\$778,856

- Adjusted for inflation to 2021 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.

Chapter 4. Statewide Salmon Hand Troll (S05B)

Table 4-13. Gross Real Earnings for the Statewide Salmon Hand Troll Fishery by ADF&G Salmon Management Area, 1975 to 2020

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	365	33.4%	\$584,856	21.2%	396	36.3%	\$1,181,687	42.8%	324	29.7%	\$622,517	22.6%	141	12.9%	\$311,444	11.3%	1,092	\$2,757,800
1976	458	37.0%	\$2,352,340	33.7%	387	31.3%	\$1,686,114	24.2%	347	28.0%	\$1,451,734	20.8%	186	15.0%	\$1,224,865	17.6%	1,238	\$6,975,432
1977	865	47.1%	\$6,564,358	45.0%	451	24.6%	\$2,653,454	18.2%	422	23.0%	\$2,373,234	16.3%	312	17.0%	\$2,046,315	14.0%	1,836	\$14,585,814
1978	1,261	48.1%	\$9,952,709	43.1%	612	23.3%	\$4,273,826	18.5%	632	24.1%	\$3,714,810	16.1%	433	16.5%	\$3,214,022	13.9%	2,624	\$23,109,127
1979	724	32.8%	\$3,851,053	16.4%	609	27.6%	\$6,604,759	28.1%	735	33.3%	\$7,154,262	30.4%	535	24.2%	\$4,578,545	19.5%	2,207	\$23,504,679
1980	600	36.0%	\$2,380,085	23.3%	499	29.9%	\$3,126,931	30.6%	602	36.1%	\$2,784,360	27.3%	350	21.0%	\$1,511,345	14.8%	1,667	\$10,210,158
1981	441	38.2%	\$2,942,265	29.1%	327	28.4%	\$2,390,212	23.6%	416	36.1%	\$2,766,086	27.3%	200	17.3%	\$995,443	9.8%	1,153	\$10,128,034
1982	384	36.0%	\$2,765,271	24.7%	294	27.6%	\$2,834,741	25.3%	368	34.5%	\$2,913,672	26.0%	228	21.4%	\$1,532,374	13.7%	1,067	\$11,217,401
1983	312	33.0%	\$1,591,302	23.9%	265	28.0%	\$1,873,252	28.2%	326	34.5%	\$1,549,763	23.3%	200	21.1%	\$1,121,000	16.8%	946	\$6,652,968
1984	298	34.7%	\$2,535,364	25.2%	233	27.1%	\$2,365,804	23.5%	301	35.0%	\$2,079,175	20.7%	194	22.6%	\$1,886,583	18.7%	860	\$10,068,530
1985	352	39.0%	\$2,406,123	24.7%	239	26.5%	\$2,409,717	24.8%	301	33.3%	\$1,893,488	19.5%	218	24.1%	\$1,643,383	16.9%	903	\$9,731,251
1986	273	34.0%	\$1,379,579	14.2%	229	28.5%	\$2,427,869	25.0%	288	35.8%	\$2,498,545	25.7%	237	29.5%	\$2,801,445	28.9%	804	\$9,704,479
1987	263	34.5%	\$1,960,372	22.4%	225	29.5%	\$2,214,142	25.3%	295	38.7%	\$2,134,227	24.4%	206	27.0%	\$1,772,083	20.3%	763	\$8,741,781
1988	294	37.8%	\$2,977,852	28.4%	215	27.7%	\$2,337,085	22.3%	287	36.9%	\$2,451,926	23.4%	173	22.3%	\$1,758,836	16.8%	777	\$10,487,782
1989	268	38.6%	\$1,729,747	25.7%	167	24.1%	\$1,477,083	21.9%	256	36.9%	\$1,652,615	24.5%	190	27.4%	\$1,471,281	21.8%	694	\$6,736,484
1990	271	38.8%	\$2,056,520	23.3%	185	26.5%	\$1,879,472	21.3%	247	35.3%	\$2,655,507	30.1%	200	28.6%	\$1,779,015	20.1%	699	\$8,830,029
1991	236	33.7%	\$1,509,311	21.4%	196	28.0%	\$1,697,832	24.1%	251	35.9%	\$1,819,564	25.8%	215	30.7%	\$1,799,063	25.5%	700	\$7,048,708
1992	235	36.4%	\$1,686,899	23.5%	180	27.9%	\$1,233,051	17.2%	215	33.3%	\$1,987,719	27.7%	209	32.4%	\$1,786,858	24.9%	645	\$7,186,621
1993	214	35.7%	\$1,118,896	19.3%	176	29.3%	\$1,225,582	21.1%	213	35.5%	\$1,534,944	26.4%	182	30.3%	\$1,426,156	24.6%	600	\$5,808,301
1994	200	36.6%	\$2,015,913	25.1%	137	25.0%	\$1,396,121	17.3%	192	35.1%	\$1,706,602	21.2%	149	27.2%	\$1,989,894	24.7%	547	\$8,046,930
1995	148	32.2%	\$445,735	17.3%	117	25.4%	\$384,854	14.9%	174	37.8%	\$747,285	29.0%	143	31.1%	\$753,694	29.2%	460	\$2,578,430
1996	137	33.3%	\$348,135	12.9%	94	22.8%	\$422,510	15.7%	164	39.8%	\$775,869	28.8%	120	29.1%	\$752,976	27.9%	412	\$2,696,007
1997	113	29.2%	\$270,873	11.3%	99	25.6%	\$412,939	17.2%	122	31.5%	\$464,094	19.3%	127	32.8%	\$933,743	38.8%	387	\$2,406,098
1998	97	31.9%	\$276,999	17.5%	74	24.3%	\$211,749	13.4%	87	28.6%	\$365,560	23.1%	107	35.2%	\$483,915	30.6%	304	\$1,581,048
1999	116	34.3%	\$553,604	24.4%	74	21.9%	\$421,020	18.6%	100	29.6%	\$459,950	20.3%	84	24.9%	\$501,665	22.1%	338	\$2,266,600
2000	84	26.7%	\$218,830	17.1%	62	19.7%	\$162,732	12.8%	93	29.5%	\$237,563	18.6%	99	31.4%	\$494,460	38.7%	315	\$1,276,258
2001	81	26.4%	\$290,141	19.0%	65	21.2%	\$293,566	19.2%	84	27.4%	\$273,964	17.9%	85	27.7%	\$359,695	23.5%	307	\$1,528,345
2002	52	20.6%	\$155,262	16.5%	46	18.2%	\$162,684	17.2%	76	30.0%	\$200,294	21.2%	73	28.9%	\$210,107	22.3%	253	\$943,146
2003	61	23.0%	\$243,721	19.6%	65	24.5%	\$276,208	22.3%	82	30.9%	\$184,499	14.9%	55	20.8%	\$194,009	15.6%	265	\$1,241,157
2004	72	22.2%	\$329,270	13.6%	53	16.4%	\$328,884	13.6%	108	33.3%	\$477,054	19.7%	79	24.4%	\$554,240	22.8%	324	\$2,426,186
2005	79	22.4%	\$365,723	16.0%	72	20.4%	\$399,729	17.5%	121	34.3%	\$476,295	20.8%	76	21.5%	\$470,091	20.6%	353	\$2,287,533
2006	91	24.5%	\$644,806	24.3%	68	18.3%	\$341,361	12.8%	138	37.2%	\$473,116	17.8%	100	27.0%	\$682,577	25.7%	371	\$2,657,259
2007	84	22.4%	\$327,658	12.3%	77	20.5%	\$434,271	16.3%	139	37.1%	\$629,406	23.6%	101	26.9%	\$823,771	30.8%	375	\$2,672,439
2008	76	20.3%	\$446,167	12.3%	80	21.3%	\$607,850	16.8%	142	37.9%	\$820,505	22.7%	97	25.9%	\$1,153,603	31.9%	375	\$3,619,748
2009	80	22.0%	\$223,155	12.1%	85	23.4%	\$416,717	22.6%	137	37.6%	\$388,659	21.1%	101	27.7%	\$522,787	28.4%	364	\$1,842,340
2010	70	20.6%	\$257,862	10.0%	95	28.0%	\$632,571	24.4%	124	36.6%	\$427,705	16.5%	95	28.0%	\$577,657	22.3%	339	\$2,587,779
2011	73	19.6%	\$382,481	14.5%	110	29.6%	\$929,844	35.2%	127	34.1%	\$441,603	16.7%	98	26.3%	\$544,426	20.6%	372	\$2,638,072
2012	75	21.2%	\$147,688	7.2%	104	29.5%	\$606,110	29.4%	118	33.4%	\$470,708	22.8%	96	27.2%	\$521,675	25.3%	353	\$2,061,300
2013	83	22.9%	\$373,272	11.1%	102	28.2%	\$904,944	26.9%	127	35.1%	\$810,757	24.1%	92	25.4%	\$726,287	21.6%	362	\$3,359,359
2014	71	20.5%	\$210,360	7.6%	92	26.6%	\$694,816	25.0%	123	35.5%	\$648,592	23.3%	107	30.9%	\$858,564	30.9%	346	\$2,780,397
2015	63	19.9%	\$141,966	9.6%	85	26.9%	\$356,820	24.2%	105	33.2%	\$342,911	23.2%	80	25.3%	\$310,199	21.0%	316	\$1,477,177
2016	44	16.4%	\$111,301	7.3%	78	29.0%	\$395,450	26.0%	82	30.5%	\$381,678	25.1%	78	29.0%	\$386,937	25.5%	269	\$1,519,662
2017	40	15.6%	\$175,758	8.9%	73	28.5%	\$376,147	19.1%	85	33.2%	\$622,465	31.6%	59	23.0%	\$356,730	18.1%	256	\$1,970,247
2018	36	15.3%	\$106,058	8.3%	82	34.9%	\$481,564	37.9%	79	33.6%	\$329,854	25.9%	41	17.4%	\$208,991	16.4%	235	\$1,272,136
2019	41	18.1%	\$166,200	17.6%	66	29.1%	\$213,068	22.6%	78	34.4%	\$248,639	26.4%	50	22.0%	\$163,896	17.4%	227	\$942,496
2020	38	17.4%	\$78,209	10.0%	55	25.2%	\$132,885	17.1%	68	31.2%	\$183,577	23.6%	41	18.8%	\$185,832	23.9%	218	\$778,856

- Adjusted for inflation to 2021 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 to protect 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 2020 Totals of Statewide Salmon Power Troll Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

Residency	INITIAL ISSUE		TRANSFERS		MIGRATIONS		CANCELLED		2020 YEAR-END	
	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percentage
Local	675	69.4%	214	31.7%	-141	-20.9%	-7	-1.0%	741	77.2%
Nonlocal	16	1.6%	-4	-25.0%	16	100.0%	-1	-6.3%	27	2.8%
Nonresident	281	28.9%	-150	-53.4%	57	20.3%	-4	-1.4%	184	19.2%
AK Data Missing	0	0.0%	-60	.	68	.	0	0.0%	8	0.8%
Total	972	100.0%	0	0.0%	0	0.0%	-12	-1.2%	960	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 contributed the most to changes 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.⁷ 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, 1980-2020

Acquisition Method	S15B Permit		Combined Southeast Salmon		Combined Statewide Salmon Troll		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	288	10.5%	1,568	16.8%	649	11.0%	13,099	32.5%
Sale	2,255	82.1%	7,074	76.0%	4,832	81.8%	23,650	58.6%
Trade	42	1.5%	148	1.6%	104	1.8%	528	1.3%
Inheritance	119	4.3%	369	4.0%	247	4.2%	1,829	4.5%
Other	42	1.5%	149	1.6%	76	1.3%	1,257	3.1%
Total	2,746		9,308		5,908		40,363	

Table 5-2 provides counts of permits by transfer acquisition method for the S15B permits, all five Southeast Alaska salmon permit types combined, statewide salmon troll permits, and all limited entry permits between 1980 and 2020. More than four-fifths of all S15B permit transfers were sales (82.1%, or 2,255/2,746), about one in eight were transferred as gifts (10.5% or 288/2,746), and a smaller percentage were trades (1.5% or 42/2,746) or other (1.5% or 42/2,746).

Table 5-3. Relationships of Transferor to Transfer Recipients for Statewide Salmon Power Troll Permits, 1980-2020

	S15B Permit		Combined Southeast Salmon		Combined Statewide Salmon Troll		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	519	18.9%	1,859	20.0%	1,194	20.2%	7,528	18.7%
Member of Immediate Family	451	16.4%	1,941	20.9%	976	16.5%	13,614	33.7%
Other Relative	49	1.8%	248	2.7%	116	2.0%	1,812	4.5%
Other/None	1,727	62.9%	5,260	56.5%	3,622	61.3%	17,409	43.1%
Total	2,746		9,308		5,908		40,363	

Table 5-3 shows the relationships between the transferors and transfer recipients for S15B permits and provides counts of S15B permit transfers with all five Southeast Alaska salmon permit types combined, statewide salmon troll permits, and all limited entry permits from 1980 to 2020. Transfers within the family, both immediate family members and other relatives, total 18.2% (500/2,746) of all transfers. This compares to 23.5% (2,189/9,308) for all five Southeast Alaska salmon permit types combined, 18.5% (1,092/5,908) for statewide hand and power troll permits, and 38.2% (15,426/40,363) for all limited entry permits statewide.

⁷ CFEC implemented the transfer survey in 1980.

Emergency Transfers of S15B Permits

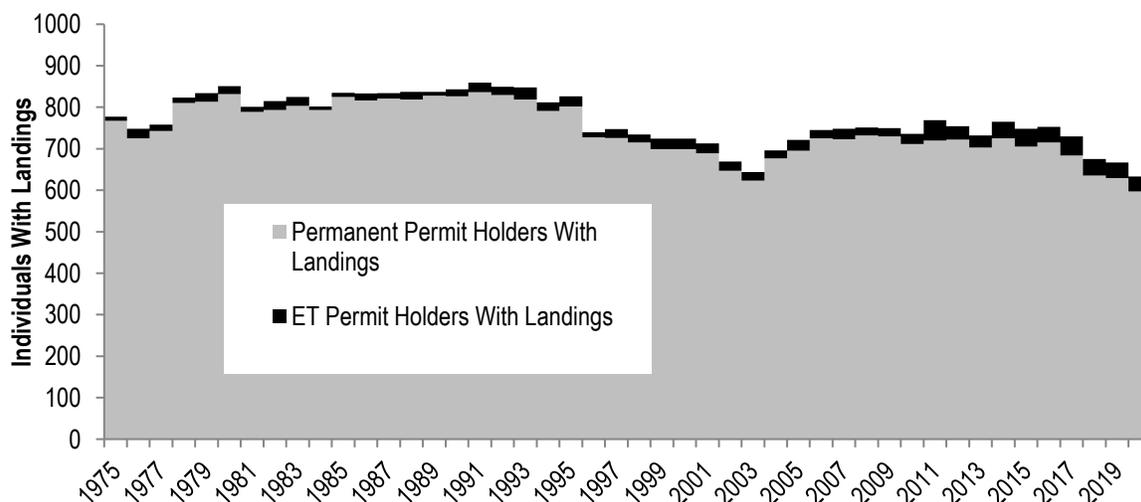
Commercial landings can be made with either permanently held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, 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 fisher. At the end of the year, ET permits automatically revert 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, 1975-2020

Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate
1975	777	10	1.3%
1976	748	23	3.1%
1977	758	15	2.0%
1978	823	13	1.6%
1979	834	21	2.5%
1980	851	19	2.2%
1981	801	12	1.5%
1982	815	22	2.7%
1983	825	22	2.7%
1984	802	9	1.1%
1985	835	10	1.2%
1986	833	17	2.0%
1987	834	13	1.6%
1988	837	18	2.2%
1989	837	9	1.1%
1990	843	17	2.0%
1991	859	23	2.7%
1992	849	20	2.4%
1993	848	29	3.4%
1994	812	21	2.6%
1995	826	24	2.9%
1996	740	13	1.8%
1997	747	21	2.8%
1998	734	19	2.6%
1999	724	25	3.5%
2000	724	25	3.5%
2001	713	24	3.4%
2002	669	22	3.3%
2003	644	21	3.3%
2004	696	19	2.7%
2005	721	26	3.6%
2006	745	20	2.7%
2007	748	25	3.3%
2008	751	19	2.5%
2009	750	20	2.7%
2010	736	25	3.4%
2011	769	49	6.4%
2012	754	32	4.2%
2013	732	29	4.0%
2014	765	40	5.2%
2015	748	43	5.7%
2016	753	38	5.0%
2017	730	46	6.3%
2018	675	40	5.9%
2019	667	38	5.7%
2020	633	36	5.7%

Figure 5-1. Use of Emergency Transfer Permits in the Statewide Salmon Power Troll, 1975-2020



Latent S15B Permits

CFEC regulations require individuals to renew their limited entry permits annually, regardless of whether they fish. Permits that are not used (don't record landings) in a particular 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.

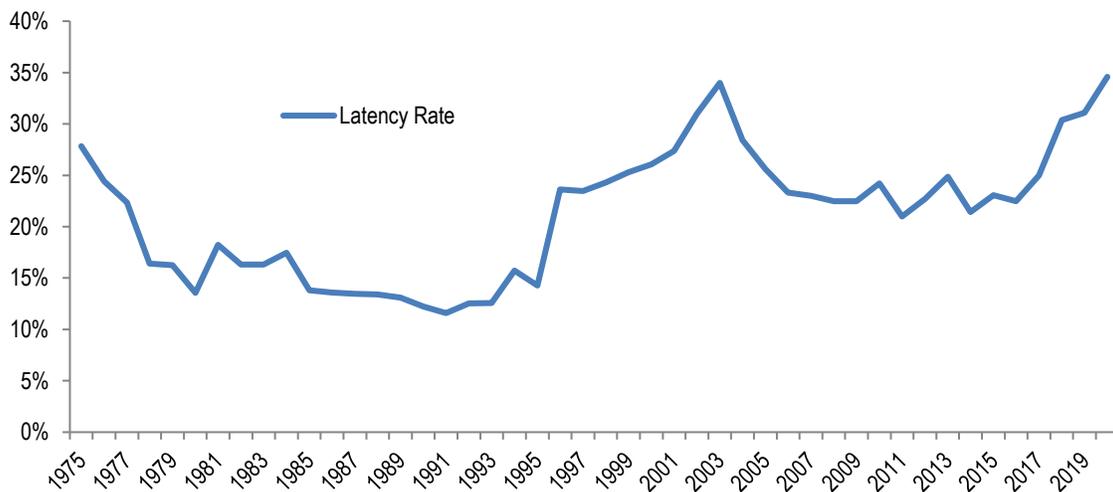
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

Table 5-5. Statewide Salmon Power Troll Permit Latency, 1975-2020

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	1,049	757	27.8%	1991	958	847	11.6%	2007	961	740	23.0%
1976	979	740	24.4%	1992	957	837	12.5%	2008	961	745	22.5%
1977	966	750	22.4%	1993	956	836	12.6%	2009	961	745	22.5%
1978	976	816	16.4%	1994	954	804	15.7%	2010	962	729	24.2%
1979	978	819	16.3%	1995	954	818	14.3%	2011	962	760	21.0%
1980	974	842	13.6%	1996	965	737	23.6%	2012	961	743	22.7%
1981	970	793	18.2%	1997	967	740	23.5%	2013	961	722	24.9%
1982	968	810	16.3%	1998	967	732	24.3%	2014	962	756	21.4%
1983	968	810	16.3%	1999	965	721	25.3%	2015	962	740	23.1%
1984	963	795	17.4%	2000	963	712	26.1%	2016	961	745	22.5%
1985	963	830	13.8%	2001	965	701	27.4%	2017	961	721	25.0%
1986	957	827	13.6%	2002	965	666	31.0%	2018	961	669	30.4%
1987	957	828	13.5%	2003	965	637	34.0%	2019	959	661	31.1%
1988	956	828	13.4%	2004	961	688	28.4%	2020	960	628	34.6%
1989	955	830	13.1%	2005	961	715	25.6%				
1990	956	839	12.2%	2006	961	737	23.3%				

- 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, 1975-2020



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 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.

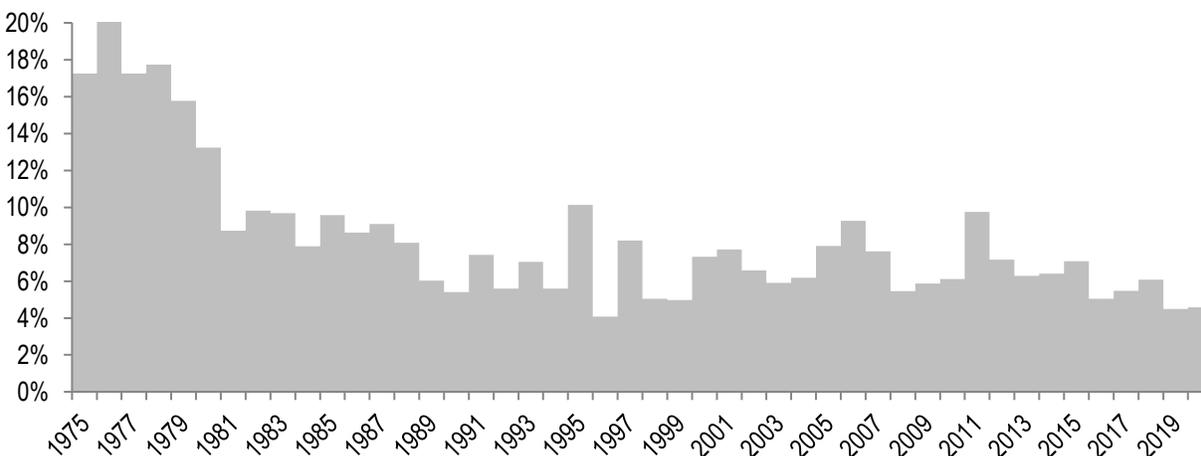
Table 5-6 and Figure 5-3 describe individuals rather than permits. An individual may hold up to two permits in this fishery but can only fish one of them. An individual may hold one S15B permit one year, and then in subsequent years hold a different S15B permit. Likewise, individuals may enter and exit 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, 1975-2020

Year	Individuals w/Landings	New	New Percent	Year	Individuals w/Landings	New	New Percent	Year	Individuals w/Landings	New	New Percent
1975	675	101	15.0%	1991	848	63	7.4%	2007	748	57	7.6%
1976	705	69	23.0%	1992	839	47	5.6%	2008	751	41	5.5%
1977	730	98	17.3%	1993	837	59	7.0%	2009	750	44	5.9%
1978	789	119	17.7%	1994	804	45	5.6%	2010	736	45	6.1%
1979	805	127	15.8%	1995	819	83	10.1%	2011	769	75	9.8%
1980	824	109	13.2%	1996	735	30	4.1%	2012	754	54	7.2%
1981	779	68	8.7%	1997	744	61	8.2%	2013	732	46	6.3%
1982	794	78	9.8%	1998	733	37	5.0%	2014	765	49	6.4%
1983	805	78	9.7%	1999	723	36	5.0%	2015	748	53	7.1%
1984	785	62	7.9%	2000	724	53	7.3%	2016	753	38	5.0%
1985	824	79	9.6%	2001	712	55	7.7%	2017	730	40	5.5%
1986	822	71	8.6%	2002	669	44	6.6%	2018	675	41	6.1%
1987	825	75	9.1%	2003	644	38	5.9%	2019	667	30	4.5%
1988	829	67	8.1%	2004	696	43	6.2%	2020	633	29	4.6%
1989	830	50	6.0%	2005	721	57	7.9%				
1990	832	45	5.4%	2006	745	69	9.3%				

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

Figure 5-3. New Entrants into the Statewide Salmon Power Troll, 1975-2020



Age of S15B Permit Holders

Table 5-7 shows the annual median 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 General population of Alaska.

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 median age of the general Alaska population has increased 9.7 years between 1980 and 2020, which represents a 37.3% increase. The percent change in ages over the same period for all CFEC permit holders increased by 39.1% (15.5 years), 34.2% (15.5 years) for the statewide salmon hand and power troll permit holders, and 29.7% (12.4 years) for the combined Southeast Alaska salmon permit holders.

For S15B permit holders, the median age increased 32% (14.5 years).

Table 5-7. Median age of Select CFEC Permit Holders and the General Alaska population

Year	S15B	Combined Southeast Salmon	Statewide Salmon Troll	Statewide All Permits	Median Alaska Age
1980	45.3	41.7	45.3	39.6	26.0
1981	45.4	41.0	45.4	39.5	26.4
1982	45.4	40.7	43.7	39.5	26.8
1983	45.8	40.6	42.2	39.6	27.1
1984	45.7	40.7	42.9	39.9	27.3
1985	45.5	40.9	43.5	40.1	27.5
1986	45.2	40.2	43.8	40.1	27.8
1987	45.4	40.5	44.5	40.4	28.2
1988	45.1	40.6	44.8	40.6	28.6
1989	45.5	41.1	45.3	41.0	29.0
1990	45.8	41.6	46.1	41.4	29.3
1991	46.6	42.0	46.6	41.9	29.7
1992	47.4	43.0	47.4	42.4	30.1
1993	48.2	43.5	48.0	43.0	30.5
1994	48.7	43.7	48.6	43.5	30.8
1995	48.5	44.4	48.6	43.9	31.1
1996	49.6	44.8	49.6	44.5	31.5
1997	50.5	45.6	50.2	45.0	31.8
1998	51.0	46.0	51.0	45.6	32.1
1999	51.8	46.7	51.5	46.1	32.3
2000	52.2	47.1	51.9	46.6	32.4
2001	52.4	47.9	52.5	47.0	32.7
2002	53.2	48.6	53.2	47.7	33.0
2003	54.0	49.5	53.8	48.4	33.2
2004	53.8	50.3	53.7	48.8	33.4
2005	54.0	50.6	54.1	49.3	33.6
2006	54.2	51.1	54.4	49.7	33.8
2007	54.3	51.5	54.9	50.1	33.9
2008	54.7	51.8	55.5	50.5	33.9
2009	55.5	52.1	56.3	51.1	33.9
2010	56.0	52.2	57.0	51.4	33.8
2011	56.2	52.3	57.3	51.8	33.9
2012	56.4	52.1	57.5	52.1	34.1
2013	56.8	51.8	58.0	52.4	34.3
2014	56.9	52.3	58.2	52.7	34.3
2015	57.3	52.7	58.7	53.3	34.5
2016	58.0	53.2	59.2	53.8	34.7
2017	58.1	53.5	59.6	54.2	34.9
2018	58.9	53.9	60.2	54.7	35.2
2019	59.3	53.6	60.4	54.8	35.5
2020	59.8	54.1	60.8	55.1	35.7

- Median Alaska Age is the average age of all Alaskans 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.

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 only expressed in real (adjusted for inflation) terms.

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

Year	S15B Permit Sales	Real	
		Permit Value	Standard Deviation
1982	66	\$59,676	-
1984	67	\$50,293	-
1985	72	\$53,289	-
1986	69	\$61,655	-
1987	64	\$61,900	\$8,000
1988	66	\$67,000	\$6,500
1989	56	\$69,700	\$6,700
1990	51	\$67,600	\$4,900
1991	55	\$72,900	\$4,800
1992	43	\$65,100	\$6,900
1993	47	\$56,700	\$3,600
1994	42	\$50,800	\$5,600
1995	71	\$49,500	\$3,700
1996	30	\$34,000	\$6,700
1997	54	\$30,000	\$1,700
1998	44	\$28,700	\$2,600
1999	39	\$24,100	\$1,900
2000	75	\$22,600	\$1,400
2001	64	\$19,500	\$2,100
2002	37	\$20,600	\$2,500
2003	55	\$18,400	\$1,600
2004	70	\$23,100	\$7,500
2005	50	\$38,100	\$2,000
2006	78	\$41,600	\$3,000
2007	44	\$46,500	\$3,500
2008	51	\$43,500	\$1,800
2009	32	\$42,400	\$2,800
2010	48	\$35,400	\$2,100
2011	63	\$38,400	\$4,000
2012	59	\$40,900	\$3,100
2013	50	\$36,500	\$2,100
2014	36	\$41,600	\$3,500
2015	33	\$43,100	\$3,100
2016	27	\$38,900	\$1,100
2017	24	\$36,300	\$1,700
2018	22	\$32,300	\$3,100
2019	26	\$28,200	\$1,400
2020	28	\$25,400	\$1,300

- 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 1987. See https://www.cfec.state.ak.us/pmtvalue/pre1987_main.htm for details..
- Real permit values were calculated using the 2021 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	986	954	49	68	81	971	31	36	40	669	9	14	23	786	6	10	16	950	90	120	165	557	115	300	550
1979	992	971	47	65	80	980	31	36	41	705	10	16	26	812	7	11	18	927	95	130	178	569	125	320	600
1980	997	980	46	62	81	984	32	36	41	747	10	16	27	840	7	12	19	924	97	130	174	559	120	324	600
1981	993	978	45	60	79	985	32	36	41	742	10	16	27	831	7	12	19	933	91	125	170	564	120	324	612
1982	999	984	45	60	79	990	32	36	41	759	10	16	26	839	7	12	18	942	90	123	165	583	130	350	608
1983	1,016	1,007	45	61	79	1,013	32	36	41	800	10	16	26	865	7	12	18	982	90	125	165	623	150	350	615
1984	1,012	994	44	59	78	1,009	32	36	41	782	11	16	26	849	7	12	18	977	90	125	165	623	160	360	650
1985	1,043	1,032	44	58	78	1,040	32	36	41	821	11	16	26	890	7	12	18	1,010	90	125	165	653	180	375	672
1986	1,051	1,040	44	57	76	1,047	32	36	41	831	11	16	26	890	7	12	18	1,021	90	125	170	659	180	375	650
1987	1,042	1,033	44	56	77	1,038	32	36	41	841	11	17	26	897	7	12	19	1,018	90	125	170	674	192	400	675
1988	1,060	1,053	43	57	77	1,059	32	37	41	866	11	17	26	927	7	12	18	1,041	90	125	165	698	160	382	650
1989	1,039	1,034	43	55	76	1,037	32	37	41	861	11	17	27	915	7	12	19	1,024	95	130	172	699	170	400	650
1990	1,047	1,042	43	54	76	1,046	32	37	42	866	12	18	27	915	8	12	19	1,030	100	130	175	695	200	400	680
1991	1,053	1,050	42	52	74	1,052	32	37	42	866	12	18	28	910	8	13	20	1,038	100	135	180	691	200	400	700
1992	1,073	1,069	42	51	74	1,071	32	37	42	867	12	18	28	912	8	13	20	1,055	100	130	175	688	200	425	700
1993	1,052	1,048	42	51	74	1,050	32	37	42	852	12	18	28	893	8	13	20	1,038	100	130	175	678	200	425	700
1994	1,033	1,030	42	51	74	1,032	32	37	42	843	12	18	28	878	8	13	20	1,013	100	130	175	666	200	400	700
1995	1,074	1,067	42	50	73	1,074	32	38	42	855	12	18	28	891	8	13	20	1,050	100	139	180	667	200	425	750
1996	1,001	994	42	49	73	1,001	32	38	43	804	12	18	28	834	8	13	20	971	100	140	180	629	200	432	750
1997	1,011	1,002	42	49	73	1,011	32	38	43	805	12	18	28	833	8	13	20	983	100	140	185	604	200	403	750
1998	1,003	997	41	49	73	1,003	32	38	44	808	12	19	29	833	8	13	20	977	100	140	185	603	200	425	750
1999	982	976	41	49	72	982	33	38	44	797	13	19	29	828	8	13	21	959	100	140	185	579	200	432	800
2000	1,000	997	41	48	72	1,000	32	39	44	811	12	19	29	844	8	13	20	981	100	140	190	587	200	432	800
2001	985	982	41	48	71	985	32	39	44	795	13	19	30	829	8	13	20	962	100	140	195	571	200	400	750
2002	985	981	41	47	71	985	32	38	44	792	12	19	29	822	8	13	20	959	100	145	195	568	200	400	775
2003	957	951	41	46	70	957	33	38	44	775	13	19	30	805	8	13	21	930	100	150	200	553	200	425	800
2004	976	971	41	46	70	976	32	38	45	793	13	19	30	822	8	13	21	950	105	150	210	560	200	432	800
2005	973	968	40	46	69	973	33	39	45	790	13	19	30	815	8	13	21	956	110	150	210	566	200	413	800
2006	995	991	40	46	69	995	32	39	45	811	13	19	31	837	8	13	22	977	110	160	210	569	200	432	800
2007	978	972	40	46	68	978	33	39	45	808	13	20	31	835	8	14	22	962	110	160	210	557	200	440	800
2008	987	979	40	46	67	987	33	39	45	805	13	20	31	830	8	14	22	967	110	160	210	554	200	450	820
2009	978	972	40	46	68	978	33	39	45	805	13	20	31	821	8	14	22	957	110	160	220	552	200	450	800
2010	987	981	40	46	67	987	32	39	45	805	13	19	31	820	8	13	22	962	110	160	220	543	200	450	800
2011	1,010	1,003	39	45	63	1,010	32	39	45	822	13	19	31	832	8	13	22	980	110	160	220	562	200	420	800
2012	994	987	39	45	59	994	33	39	45	811	13	19	31	819	8	13	22	961	115	160	220	547	200	440	800
2013	980	972	40	45	59	980	33	39	45	812	13	19	31	827	8	13	22	942	110	160	220	560	200	436	800
2014	985	979	40	44	58	985	33	39	45	816	14	19	31	831	8	13	22	946	110	160	220	552	196	441	800
2015	1,003	996	39	44	56	1,003	32	39	45	823	13	19	31	842	7	13	22	960	110	163	225	558	196	450	800
2016	958	953	39	44	55	958	33	39	45	793	14	19	31	812	7	13	22	915	115	165	225	524	200	450	800
2017	939	934	39	44	55	939	34	39	45	780	14	20	31	798	7	13	22	895	115	165	225	514	196	450	800
2018	930	924	39	44	54	930	33	39	44	770	14	19	30	788	7	13	22	888	114	165	225	513	196	440	800
2019	920	915	39	44	53	920	34	39	44	765	14	19	30	779	7	13	22	874	115	165	225	513	175	440	800
2020	911	907	38	43	52	911	34	39	45	761	14	19	31	774	8	13	22	869	115	165	225	519	150	432	800
Mean	1,000	992	.	.	.	998	.	.	.	803	.	.	.	843	.	.	.	969	.	.	.	593	.	.	.

Chapter 5. Statewide Salmon Power Troll (S15B)

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											
		Diesel		Gas		Engine Data Missing		Aluminum		Fiberglass		Concrete		Steel		Wood		Hull Data Missing	
1978	986	743	75.0%	233	24.0%	10	1.0%	39	4.0%	216	22.0%	2	0.0%	47	5.0%	671	68.0%	11	1.0%
1979	992	779	79.0%	200	20.0%	13	1.0%	35	4.0%	259	26.0%	3	0.0%	47	5.0%	632	64.0%	16	2.0%
1980	997	813	82.0%	171	17.0%	13	1.0%	29	3.0%	284	28.0%	2	0.0%	51	5.0%	613	61.0%	18	2.0%
1981	993	815	82.0%	167	17.0%	11	1.0%	39	4.0%	287	29.0%	2	0.0%	50	5.0%	601	61.0%	14	1.0%
1982	999	824	82.0%	167	17.0%	8	1.0%	43	4.0%	291	29.0%	3	0.0%	46	5.0%	608	61.0%	8	1.0%
1983	1,016	852	84.0%	160	16.0%	4	0.0%	47	5.0%	292	29.0%	4	0.0%	44	4.0%	622	61.0%	7	1.0%
1984	1,012	850	84.0%	152	15.0%	10	1.0%	71	7.0%	287	28.0%	2	0.0%	50	5.0%	599	59.0%	3	0.0%
1985	1,043	881	84.0%	153	15.0%	9	1.0%	67	6.0%	304	29.0%	4	0.0%	59	6.0%	604	58.0%	5	0.0%
1986	1,051	875	83.0%	166	16.0%	10	1.0%	72	7.0%	313	30.0%	3	0.0%	59	6.0%	598	57.0%	6	1.0%
1987	1,042	894	86.0%	136	13.0%	12	1.0%	74	7.0%	306	29.0%	6	1.0%	61	6.0%	590	57.0%	5	0.0%
1988	1,060	917	87.0%	137	13.0%	6	1.0%	77	7.0%	302	28.0%	6	1.0%	61	6.0%	609	57.0%	5	0.0%
1989	1,039	906	87.0%	129	12.0%	4	0.0%	77	7.0%	316	30.0%	10	1.0%	63	6.0%	569	55.0%	4	0.0%
1990	1,047	914	87.0%	128	12.0%	5	0.0%	82	8.0%	321	31.0%	10	1.0%	71	7.0%	557	53.0%	3	0.0%
1991	1,053	915	87.0%	133	13.0%	5	0.0%	85	8.0%	332	32.0%	10	1.0%	80	8.0%	535	51.0%	5	0.0%
1992	1,073	917	85.0%	150	14.0%	6	1.0%	100	9.0%	342	32.0%	10	1.0%	80	7.0%	531	49.0%	5	0.0%
1993	1,052	906	86.0%	140	13.0%	6	1.0%	99	9.0%	337	32.0%	11	1.0%	78	7.0%	520	49.0%	4	0.0%
1994	1,033	897	87.0%	129	12.0%	7	1.0%	92	9.0%	335	32.0%	10	1.0%	78	8.0%	510	49.0%	4	0.0%
1995	1,074	911	85.0%	153	14.0%	10	1.0%	103	10.0%	355	33.0%	11	1.0%	77	7.0%	517	48.0%	6	1.0%
1996	1,001	855	85.0%	127	13.0%	19	2.0%	93	9.0%	355	35.0%	10	1.0%	80	8.0%	454	45.0%	5	0.0%
1997	1,011	856	85.0%	138	14.0%	17	2.0%	93	9.0%	364	36.0%	9	1.0%	77	8.0%	457	45.0%	5	0.0%
1998	1,003	859	86.0%	128	13.0%	16	2.0%	90	9.0%	358	36.0%	9	1.0%	77	8.0%	458	46.0%	5	0.0%
1999	982	837	85.0%	126	13.0%	19	2.0%	89	9.0%	360	37.0%	8	1.0%	79	8.0%	434	44.0%	5	1.0%
2000	1,000	846	85.0%	135	14.0%	19	2.0%	101	10.0%	370	37.0%	7	1.0%	75	8.0%	437	44.0%	4	0.0%
2001	985	839	85.0%	129	13.0%	17	2.0%	100	10.0%	386	39.0%	6	1.0%	72	7.0%	414	42.0%	3	0.0%
2002	985	830	84.0%	139	14.0%	16	2.0%	112	11.0%	398	40.0%	6	1.0%	69	7.0%	391	40.0%	5	1.0%
2003	957	809	85.0%	131	14.0%	17	2.0%	107	11.0%	399	42.0%	7	1.0%	74	8.0%	361	38.0%	4	0.0%
2004	976	831	85.0%	127	13.0%	18	2.0%	100	10.0%	423	43.0%	7	1.0%	76	8.0%	363	37.0%	3	0.0%
2005	973	828	85.0%	135	14.0%	10	1.0%	98	10.0%	426	44.0%	6	1.0%	78	8.0%	358	37.0%	3	0.0%
2006	995	851	86.0%	136	14.0%	8	1.0%	107	11.0%	426	43.0%	8	1.0%	85	9.0%	364	37.0%	3	0.0%
2007	978	851	87.0%	122	12.0%	5	1.0%	93	10.0%	438	45.0%	8	1.0%	89	9.0%	348	36.0%	1	0.0%
2008	987	849	86.0%	133	13.0%	5	1.0%	104	11.0%	443	45.0%	7	1.0%	90	9.0%	340	34.0%	2	0.0%
2009	978	847	87.0%	126	13.0%	5	1.0%	107	11.0%	443	45.0%	7	1.0%	88	9.0%	331	34.0%	2	0.0%
2010	987	848	86.0%	133	13.0%	6	1.0%	113	11.0%	450	46.0%	7	1.0%	86	9.0%	330	33.0%	1	0.0%
2011	1,010	869	86.0%	136	13.0%	5	0.0%	108	11.0%	485	48.0%	7	1.0%	87	9.0%	319	32.0%	1	0.0%
2012	994	852	86.0%	135	14.0%	7	1.0%	117	12.0%	479	48.0%	7	1.0%	86	9.0%	303	30.0%	0	0.0%
2013	980	853	87.0%	119	12.0%	8	1.0%	108	11.0%	476	49.0%	7	1.0%	84	9.0%	300	31.0%	1	0.0%
2014	985	863	88.0%	116	12.0%	6	1.0%	104	11.0%	488	50.0%	8	1.0%	82	8.0%	297	30.0%	1	0.0%
2015	1003	867	86.0%	129	13.0%	7	1.0%	114	11.0%	504	50.0%	8	1.0%	83	8.0%	287	29.0%	1	0.0%
2016	958	839	88.0%	112	12.0%	7	1.0%	99	10.0%	495	52.0%	7	1.0%	82	9.0%	270	28.0%	1	0.0%
2017	939	821	87.0%	108	12.0%	10	1.0%	92	10.0%	487	52.0%	8	1.0%	80	9.0%	267	28.0%	0	0.0%
2018	930	807	87.0%	110	12.0%	13	1.0%	101	11.0%	483	52.0%	7	1.0%	81	9.0%	253	27.0%	0	0.0%
2019	920	802	87.0%	105	11.0%	13	1.0%	102	11.0%	484	53.0%	8	1.0%	81	9.0%	240	26.0%	0	0.0%
2020	911	792	87.0%	109	12.0%	10	1.0%	104	11.0%	483	53.0%	7	1.0%	86	9.0%	228	25.0%	0	0.0%
Mean	1,000	851	85.0%	138	14.0%	10	1.0%	88	9.0%	381	38.0%	7	1.0%	73	7.0%	444	44.0%	4	0.0%

• Mean values include every vessel used in this fishery from 1978 to 2020.

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 in real dollars using the 2021 Consumer Price Index from the U.S. Bureau of Labor Statistics.

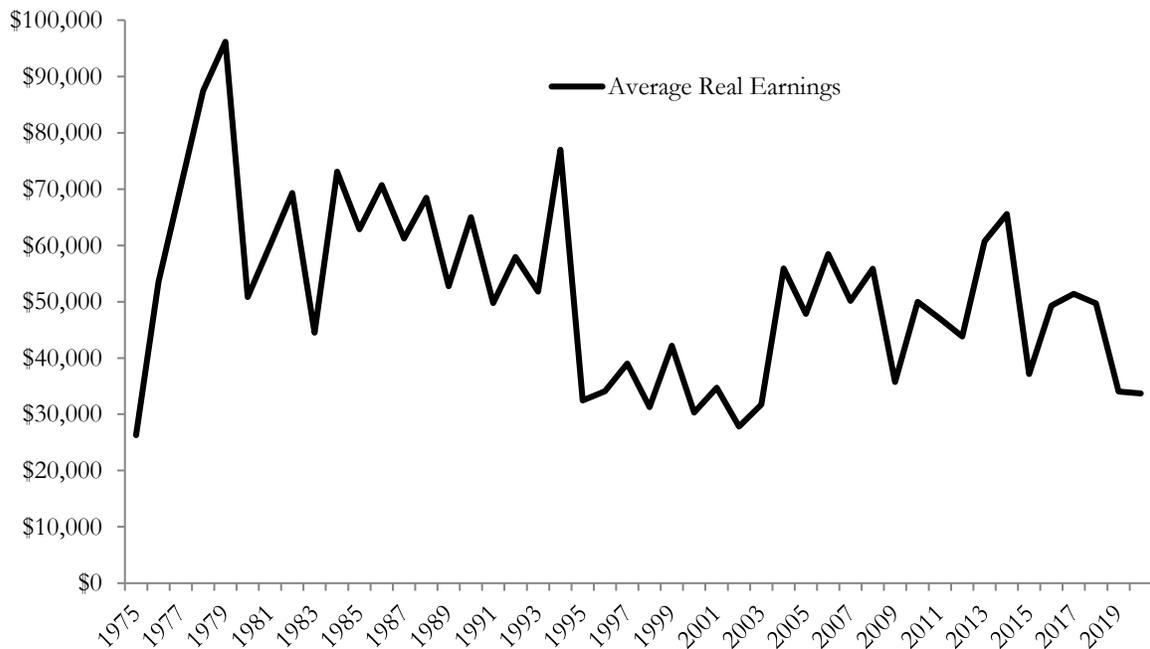
Permit counts include interim entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held for the statewide salmon power troll was in 2002. Some 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 2020. 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 to protect 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 Real Average Gross Earnings Per Statewide Salmon Power Troll Permit



- Real earnings are adjusted for inflation using the 2021 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, 1975-2020

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	\$19,902,769	757	\$26,292	818	\$24,331
1976	979	\$8,469,927	\$39,625,170	740	\$53,548	787	\$50,350
1977	966	\$12,035,120	\$52,867,090	750	\$70,489	752	\$70,302
1978	976	\$17,480,179	\$71,341,730	816	\$87,429	824	\$86,580
1979	978	\$21,469,351	\$78,758,818	819	\$96,165	883	\$89,195
1980	974	\$13,244,088	\$42,787,631	842	\$50,817	866	\$49,408
1981	970	\$16,249,385	\$47,579,618	793	\$60,000	807	\$58,959
1982	968	\$20,348,198	\$56,139,166	810	\$69,308	821	\$68,379
1983	968	\$13,486,286	\$36,049,591	810	\$44,506	840	\$42,916
1984	963	\$22,673,535	\$58,108,635	795	\$73,093	832	\$69,842
1985	963	\$21,077,981	\$52,169,735	830	\$62,855	848	\$61,521
1986	957	\$24,079,476	\$58,488,539	827	\$70,724	903	\$64,771
1987	957	\$21,637,373	\$50,698,831	828	\$61,230	869	\$58,342
1988	956	\$25,169,219	\$56,663,750	828	\$68,434	887	\$63,882
1989	955	\$20,389,549	\$43,789,504	830	\$52,758	870	\$50,333
1990	956	\$26,768,263	\$54,544,430	839	\$65,011	946	\$57,658
1991	958	\$21,556,373	\$42,139,801	847	\$49,752	1,014	\$41,558
1992	957	\$25,564,358	\$48,505,721	837	\$57,952	975	\$49,749
1993	956	\$23,491,006	\$43,293,863	836	\$51,787	992	\$43,643
1994	954	\$34,463,236	\$61,901,606	804	\$76,992	880	\$70,343
1995	954	\$15,197,999	\$26,553,163	818	\$32,461	854	\$31,093
1996	965	\$14,806,347	\$25,132,213	737	\$34,101	773	\$32,513
1997	967	\$17,402,990	\$28,864,966	740	\$39,007	773	\$37,341
1998	967	\$14,006,120	\$22,875,751	732	\$31,251	749	\$30,542
1999	965	\$19,024,453	\$30,406,727	721	\$42,173	729	\$41,710
2000	963	\$13,960,702	\$21,584,472	712	\$30,315	738	\$29,247
2001	965	\$16,175,055	\$24,320,711	701	\$34,694	730	\$33,316
2002	965	\$12,527,264	\$18,541,836	666	\$27,841	694	\$26,717
2003	965	\$13,954,967	\$20,196,526	637	\$31,706	644	\$31,361
2004	961	\$27,295,633	\$38,473,957	688	\$55,921	698	\$55,120
2005	961	\$25,092,847	\$34,208,461	715	\$47,844	718	\$47,644
2006	961	\$32,633,525	\$43,098,160	737	\$58,478	736	\$58,557
2007	961	\$28,903,845	\$37,113,745	740	\$50,154	745	\$49,817
2008	961	\$33,639,740	\$41,597,849	745	\$55,836	745	\$55,836
2009	961	\$21,457,493	\$26,628,341	745	\$35,743	750	\$35,504
2010	962	\$29,825,714	\$36,415,907	729	\$49,953	739	\$49,277
2011	962	\$30,178,610	\$35,719,180	760	\$46,999	767	\$46,570
2012	961	\$28,074,365	\$32,554,939	743	\$43,816	752	\$43,291
2013	961	\$38,372,153	\$43,853,834	722	\$60,739	729	\$60,156
2014	962	\$44,080,690	\$49,573,672	756	\$65,574	757	\$65,487
2015	962	\$24,475,320	\$27,492,625	740	\$37,152	747	\$36,804
2016	961	\$33,104,359	\$36,722,167	745	\$49,291	751	\$48,898
2017	961	\$34,125,497	\$37,065,366	721	\$51,408	728	\$50,914
2018	961	\$31,359,401	\$33,248,844	669	\$49,699	675	\$49,258
2019	959	\$21,588,592	\$22,481,912	661	\$34,012	671	\$33,505
2020	960	\$20,578,606	\$21,168,996	628	\$33,709	634	\$33,390

- Adjusted for inflation to 2021 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, 1975-2020

Year	Local			Nonlocal			Nonresident			Total		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	575	\$23,667	\$13,608,296	5	\$25,129	\$125,643	197	\$31,314	\$6,168,831	777	\$25,615	\$19,902,769
1976	570	\$51,207	\$29,187,771	9	\$60,301	\$542,710	169	\$58,548	\$9,894,689	748	\$52,975	\$39,625,170
1977	592	\$64,809	\$38,366,888	5	\$72,667	\$363,337	161	\$87,807	\$14,136,864	758	\$69,746	\$52,867,090
1978	630	\$78,506	\$49,458,609	15	\$111,850	\$1,677,747	178	\$113,513	\$20,205,374	823	\$86,685	\$71,341,730
1979	622	\$88,852	\$55,266,054	20	\$102,739	\$2,054,787	192	\$111,656	\$21,437,976	834	\$94,435	\$78,758,818
1980	616	\$47,597	\$29,319,790	18	\$45,556	\$820,002	217	\$58,285	\$12,647,839	851	\$50,279	\$42,787,631
1981	595	\$56,072	\$33,362,872	12	\$63,443	\$761,312	194	\$69,358	\$13,455,434	801	\$59,400	\$47,579,618
1982	615	\$62,450	\$38,406,921	13	\$39,566	\$514,358	187	\$92,074	\$17,217,887	815	\$68,882	\$56,139,166
1983	623	\$40,436	\$25,191,766	9	\$39,077	\$351,693	193	\$54,413	\$10,501,754	825	\$43,691	\$36,045,213
1984	612	\$65,466	\$40,065,214	8	\$53,030	\$424,240	182	\$96,809	\$17,619,182	802	\$72,455	\$58,108,635
1985	639	\$58,485	\$37,371,744	13	\$49,573	\$644,446	183	\$77,342	\$14,153,545	835	\$62,479	\$52,169,735
1986	630	\$66,806	\$42,087,995	15	\$64,866	\$972,994	188	\$82,061	\$15,427,550	833	\$70,214	\$58,488,539
1987	651	\$59,237	\$38,563,458	12	\$55,517	\$666,200	171	\$67,071	\$11,469,173	834	\$60,790	\$50,698,831
1988	670	\$67,173	\$45,005,671	13	\$77,880	\$1,012,441	154	\$69,128	\$10,645,639	837	\$67,699	\$56,663,750
1989	661	\$50,904	\$33,647,795	14	\$50,236	\$703,311	162	\$58,262	\$9,438,399	837	\$52,317	\$43,789,504
1990	649	\$62,006	\$40,242,107	13	\$65,935	\$857,152	181	\$74,283	\$13,445,171	843	\$64,703	\$54,544,430
1991	659	\$48,754	\$32,129,094	18	\$45,623	\$821,219	182	\$50,492	\$9,189,487	859	\$49,057	\$42,139,801
1992	658	\$54,806	\$36,062,313	18	\$60,799	\$1,094,389	173	\$65,601	\$11,349,019	849	\$57,133	\$48,505,721
1993	666	\$48,713	\$32,443,178	17	\$56,845	\$966,363	165	\$59,905	\$9,884,322	848	\$51,054	\$43,293,863
1994	647	\$72,178	\$46,698,991	11	\$93,544	\$1,028,989	154	\$92,037	\$14,173,626	812	\$76,234	\$61,901,606
1995	637	\$30,620	\$19,505,101	16	\$40,354	\$645,667	173	\$37,008	\$6,402,395	826	\$32,147	\$26,553,163
1996	583	\$32,339	\$18,853,511	15	\$44,217	\$663,258	142	\$39,545	\$5,615,443	740	\$33,962	\$25,132,213
1997	578	\$37,675	\$21,776,362	13	\$54,376	\$706,883	156	\$40,908	\$6,381,722	747	\$38,641	\$28,864,966
1998	560	\$30,889	\$17,298,018	16	\$35,000	\$560,003	158	\$31,758	\$5,017,731	734	\$31,166	\$22,875,751
1999	573	\$41,278	\$23,652,015	17	\$45,925	\$780,722	134	\$44,582	\$5,973,990	724	\$41,998	\$30,406,727
2000	572	\$29,821	\$17,057,473	26	\$25,115	\$652,986	126	\$30,608	\$3,856,575	724	\$29,789	\$21,567,034
2001	574	\$34,693	\$19,914,029	25	\$34,958	\$873,938	114	\$30,989	\$3,532,744	713	\$34,110	\$24,320,711
2002	550	\$27,840	\$15,311,800	19	\$26,344	\$500,544	100	\$27,295	\$2,729,492	669	\$27,716	\$18,541,836
2003	535	\$31,428	\$16,814,150	15	\$30,741	\$461,113	94	\$31,077	\$2,921,263	644	\$31,361	\$20,196,526
2004	580	\$55,265	\$32,053,891	17	\$56,743	\$964,635	99	\$55,105	\$5,455,431	696	\$55,279	\$38,473,957
2005	593	\$47,609	\$28,231,867	18	\$39,528	\$711,511	110	\$47,864	\$5,265,083	721	\$47,446	\$34,208,461
2006	608	\$57,911	\$35,209,731	19	\$46,587	\$885,160	118	\$59,350	\$7,003,270	745	\$57,850	\$43,098,160
2007	606	\$49,490	\$29,991,202	20	\$43,714	\$874,277	122	\$51,215	\$6,248,266	748	\$49,617	\$37,113,745
2008	604	\$54,385	\$32,848,246	25	\$53,111	\$1,327,772	122	\$60,835	\$7,421,831	751	\$55,390	\$41,597,849
2009	607	\$34,773	\$21,107,510	17	\$45,170	\$767,894	126	\$37,722	\$4,752,937	750	\$35,504	\$26,628,341
2010	606	\$49,200	\$29,815,483	21	\$52,135	\$1,094,830	109	\$50,510	\$5,505,593	736	\$49,478	\$36,415,907
2011	621	\$46,870	\$29,106,078	20	\$47,238	\$944,753	128	\$44,284	\$5,668,349	769	\$46,449	\$35,719,180
2012	627	\$43,478	\$27,260,649	16	\$45,244	\$723,896	111	\$41,175	\$4,570,394	754	\$43,176	\$32,554,939
2013	605	\$60,819	\$36,795,377	26	\$36,468	\$948,172	101	\$60,498	\$6,110,285	732	\$59,910	\$43,853,834
2014	630	\$64,988	\$40,942,546	20	\$59,702	\$1,194,035	115	\$64,670	\$7,437,091	765	\$64,802	\$49,573,672
2015	620	\$37,853	\$23,468,925	18	\$29,489	\$530,810	110	\$31,754	\$3,492,890	748	\$36,755	\$27,492,625
2016	625	\$49,670	\$31,043,863	19	\$34,780	\$660,829	109	\$46,032	\$5,017,474	753	\$48,768	\$36,722,167
2017	607	\$52,126	\$31,640,326	17	\$39,891	\$678,140	106	\$44,782	\$4,746,900	730	\$50,774	\$37,065,366
2018	557	\$49,859	\$27,771,324	16	\$28,827	\$461,229	102	\$49,179	\$5,016,291	675	\$49,258	\$33,248,844
2019	557	\$33,902	\$18,883,524	13	\$27,649	\$359,442	97	\$33,391	\$3,238,946	667	\$33,706	\$22,481,912
2020	538	\$34,018	\$18,301,780	13	\$20,824	\$270,716	82	\$31,665	\$2,596,500	633	\$33,442	\$21,168,996

- Adjusted for inflation to 2021 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 2020

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	196	25.9%	\$1,508,676	7.6%	388	51.3%	\$8,400,796	42.2%	219	28.9%	\$2,386,025	12.0%	286	37.8%	\$4,832,710	24.3%	757	\$19,902,769
1976	251	33.9%	\$4,514,873	11.4%	363	49.1%	\$10,230,480	25.8%	213	28.8%	\$4,136,710	10.4%	300	40.5%	\$12,467,764	31.5%	740	\$39,625,170
1977	315	42.0%	\$6,645,260	12.6%	320	42.7%	\$10,912,045	20.6%	179	23.9%	\$3,847,568	7.3%	400	53.3%	\$18,288,132	34.6%	750	\$52,867,090
1978	305	37.4%	\$5,165,544	7.2%	289	35.4%	\$12,722,699	17.8%	190	23.3%	\$3,822,250	5.4%	461	56.5%	\$29,383,274	41.2%	816	\$71,341,730
1979	130	15.9%	\$1,111,119	1.4%	305	37.2%	\$13,056,080	16.6%	198	24.2%	\$5,237,179	6.6%	478	58.4%	\$17,507,143	22.2%	819	\$78,758,818
1980	184	21.9%	\$1,150,884	2.7%	269	31.9%	\$5,227,476	12.2%	179	21.3%	\$2,655,319	6.2%	457	54.3%	\$8,139,420	19.0%	842	\$42,787,631
1981	324	40.9%	\$3,871,205	8.1%	299	37.7%	\$9,817,660	20.6%	217	27.4%	\$3,960,051	8.3%	473	59.6%	\$15,121,898	31.8%	793	\$47,579,618
1982	295	36.4%	\$4,203,630	7.5%	331	40.9%	\$10,279,063	18.3%	262	32.3%	\$5,074,416	9.0%	519	64.1%	\$24,029,446	42.8%	810	\$56,139,166
1983	251	31.0%	\$2,712,935	7.5%	276	34.1%	\$7,145,833	19.8%	259	32.0%	\$3,719,206	10.3%	510	63.0%	\$16,991,141	47.1%	810	\$36,049,591
1984	291	36.6%	\$5,007,689	8.6%	264	33.2%	\$8,650,349	14.9%	249	31.3%	\$4,948,948	8.5%	540	67.9%	\$29,692,174	51.1%	795	\$58,108,635
1985	336	40.5%	\$4,521,241	8.7%	293	35.3%	\$10,000,684	19.2%	269	32.4%	\$4,292,660	8.2%	555	66.9%	\$22,200,698	42.6%	830	\$52,169,735
1986	220	26.6%	\$1,557,271	2.7%	292	35.3%	\$9,925,633	17.0%	284	34.3%	\$5,076,701	8.7%	615	74.4%	\$31,714,899	54.2%	827	\$58,488,539
1987	242	29.2%	\$3,002,621	5.9%	362	43.7%	\$10,988,904	21.7%	357	43.1%	\$7,152,629	14.1%	568	68.6%	\$19,543,637	38.5%	828	\$50,698,831
1988	303	36.6%	\$6,371,121	11.2%	320	38.6%	\$10,852,303	19.2%	356	43.0%	\$7,305,475	12.9%	531	64.1%	\$19,650,906	34.7%	828	\$56,663,750
1989	308	37.1%	\$5,734,906	13.1%	265	31.9%	\$7,318,049	16.7%	354	42.7%	\$5,103,265	11.7%	570	68.7%	\$15,659,985	35.8%	830	\$43,789,504
1990	354	42.2%	\$4,993,748	9.2%	281	33.5%	\$10,310,295	18.9%	366	43.6%	\$7,122,902	13.1%	603	71.9%	\$19,208,136	35.2%	839	\$54,544,430
1991	278	32.8%	\$4,022,184	9.5%	303	35.8%	\$8,240,061	19.6%	368	43.4%	\$5,930,170	14.1%	605	71.4%	\$19,450,929	46.2%	847	\$42,139,801
1992	327	39.1%	\$5,308,565	10.9%	290	34.6%	\$6,781,840	14.0%	299	35.7%	\$4,057,634	8.4%	586	70.0%	\$21,366,239	44.0%	837	\$48,505,721
1993	276	33.0%	\$4,166,093	9.6%	280	33.5%	\$8,058,260	18.6%	293	35.0%	\$4,127,555	9.5%	582	69.6%	\$19,502,591	45.0%	836	\$43,293,863
1994	269	33.5%	\$6,453,985	10.4%	255	31.7%	\$9,130,351	14.7%	265	33.0%	\$5,715,350	9.2%	531	66.0%	\$28,582,373	46.2%	804	\$61,901,606
1995	260	31.8%	\$2,733,781	10.3%	223	27.3%	\$3,394,759	12.8%	263	32.2%	\$2,601,241	9.8%	581	71.0%	\$11,242,857	42.3%	818	\$26,553,163
1996	212	28.8%	\$2,610,151	10.4%	185	25.1%	\$3,237,996	12.9%	262	35.5%	\$3,105,293	12.4%	496	67.3%	\$11,081,990	44.1%	737	\$25,132,213
1997	161	21.8%	\$1,398,713	4.8%	202	27.3%	\$2,786,620	9.7%	235	31.8%	\$2,313,817	8.0%	564	76.2%	\$18,949,261	65.6%	740	\$28,864,966
1998	190	26.0%	\$1,295,686	5.7%	187	25.5%	\$3,010,460	13.2%	274	37.4%	\$3,738,823	16.3%	526	71.9%	\$11,162,420	48.8%	732	\$22,875,751
1999	240	33.3%	\$3,137,675	10.3%	187	25.9%	\$3,784,261	12.4%	256	35.5%	\$4,630,808	15.2%	506	70.2%	\$13,785,701	45.3%	721	\$30,406,727
2000	196	27.5%	\$1,161,301	5.4%	152	21.3%	\$1,922,916	8.9%	221	31.0%	\$1,933,080	9.0%	532	74.7%	\$14,277,383	66.1%	712	\$21,584,472
2001	257	36.7%	\$2,799,656	11.5%	181	25.8%	\$4,060,055	16.7%	183	26.1%	\$1,819,816	7.5%	542	77.3%	\$13,543,449	55.7%	701	\$24,320,711
2002	176	26.4%	\$1,531,128	8.3%	163	24.5%	\$2,987,689	16.1%	168	25.2%	\$1,764,442	9.5%	491	73.7%	\$9,747,207	52.6%	666	\$18,541,836
2003	194	30.5%	\$2,244,052	11.1%	199	31.2%	\$3,651,722	18.1%	200	31.4%	\$2,539,820	12.6%	437	68.6%	\$8,929,129	44.2%	637	\$20,196,526
2004	219	31.8%	\$2,915,618	7.6%	186	27.0%	\$6,064,280	15.8%	248	36.0%	\$4,719,376	12.3%	498	72.4%	\$18,794,653	48.9%	688	\$38,473,957
2005	257	35.9%	\$3,114,441	9.1%	218	30.5%	\$6,296,072	18.4%	296	41.4%	\$5,390,806	15.8%	486	68.0%	\$17,087,840	50.0%	715	\$34,208,461
2006	332	45.0%	\$6,170,208	14.3%	223	30.3%	\$6,258,396	14.5%	274	37.2%	\$4,829,845	11.2%	497	67.4%	\$19,634,901	45.6%	737	\$43,098,160
2007	296	40.0%	\$2,882,504	7.8%	225	30.4%	\$6,431,826	17.3%	244	33.0%	\$3,299,767	8.9%	509	68.8%	\$18,419,934	49.6%	740	\$37,113,745
2008	284	38.1%	\$4,401,195	10.6%	216	29.0%	\$6,871,701	16.5%	253	34.0%	\$4,268,174	10.3%	537	72.1%	\$20,033,080	48.2%	745	\$41,597,849
2009	251	33.7%	\$1,549,640	5.8%	272	36.5%	\$6,038,102	22.7%	265	35.6%	\$2,453,220	9.2%	526	70.6%	\$12,999,227	48.8%	745	\$26,628,341
2010	251	34.4%	\$2,161,515	5.9%	266	36.5%	\$7,338,030	20.2%	278	38.1%	\$3,610,990	9.9%	543	74.5%	\$17,388,326	47.7%	729	\$36,415,907
2011	338	44.5%	\$4,553,926	12.7%	320	42.1%	\$10,477,606	29.3%	258	33.9%	\$2,653,177	7.4%	535	70.4%	\$14,860,759	41.6%	760	\$35,719,180
2012	293	39.4%	\$1,691,186	5.2%	399	53.7%	\$10,367,894	31.8%	265	35.7%	\$2,702,029	8.3%	484	65.1%	\$14,529,023	44.6%	743	\$32,554,939
2013	321	44.5%	\$4,523,794	10.3%	288	39.9%	\$9,489,189	21.6%	282	39.1%	\$5,199,441	11.9%	473	65.5%	\$18,701,533	42.6%	722	\$43,853,834
2014	225	29.8%	\$1,582,380	3.2%	277	36.6%	\$8,755,271	17.7%	293	38.8%	\$5,017,965	10.1%	526	69.6%	\$27,710,713	55.9%	756	\$49,573,672
2015	261	35.3%	\$1,838,799	6.7%	266	35.9%	\$4,266,644	15.5%	339	45.8%	\$4,802,862	17.5%	493	66.6%	\$13,423,012	48.8%	740	\$27,492,625
2016	238	31.9%	\$995,369	2.7%	249	33.4%	\$6,426,430	17.5%	292	39.2%	\$3,703,716	10.1%	519	69.7%	\$20,829,273	56.7%	745	\$36,722,167
2017	270	37.4%	\$2,294,699	6.2%	221	30.7%	\$6,241,180	16.8%	272	37.7%	\$6,040,349	16.3%	500	69.3%	\$18,414,744	49.7%	721	\$37,065,366
2018	171	25.6%	\$935,649	2.8%	238	35.6%	\$6,060,144	18.2%	229	34.2%	\$3,034,933	9.1%	454	67.9%	\$13,384,198	40.3%	669	\$33,248,844
2019	199	30.1%	\$1,140,376	5.1%	202	30.6%	\$2,555,967	11.4%	253	38.3%	\$2,739,646	12.2%	443	67.0%	\$9,292,597	41.3%	661	\$22,481,912
2020	152	24.2%	\$750,960	3.5%	179	28.5%	\$1,832,938	8.7%	177	28.2%	\$2,173,300	10.3%	426	67.8%	\$11,332,769	53.5%	628	\$21,168,996

- Adjusted for inflation to 2021 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	125	474
Yakutat Set Gillnet	151	20	171
Hand Troll	2,027	135	2,162
Power Troll	791	180	971

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	2,625	198	90	2	0	0	0
1983	3,880	2,478	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	2,488	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	38	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	1,533	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	1,734	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	1,806	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
2017	2,669	1,653	168	61	4	1	0	0
2018	2,632	1,578	168	45	2	1	0	0
2019	2,611	1,555	162	49	2	1	0	0
2020	2,582	1,407	162	49	2	1	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 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	268	1	0	10	0	0	0
2015	286	1	0	10	0	0	0
2016	257	2	0	9	0	0	0
2017	261	1	0	9	0	1	0
2018	244	0	0	6	0	1	0
2019	242	2	0	9	0	1	0
2020	203	0	0	6	0	1	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 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	444	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	379	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	393	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
2017	427	1	0	27	0	1	0
2018	424	0	0	22	0	1	0
2019	428	2	0	25	0	1	0
2020	370	0	0	30	0	1	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	160	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	131	0	0	20	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
2017	113	0	0	24	0	0	0
2018	100	0	0	17	0	0	0
2019	96	0	0	13	0	0	0
2020	90	0	0	13	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, 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	1,741	915	789	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	1,029	304	713	1	16	20	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
2017	977	247	720	9	27	24	1	0	0
2018	903	228	668	6	22	17	1	0	0
2019	890	223	662	9	25	13	1	0	0
2020	845	212	627	6	30	13	1	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.		5 AAC 30.345