

# CFEC Permit Holdings and Estimates of Gross Earnings in the Yakutat and Southeast Alaska Commercial Salmon Fisheries, 1975-2023

CFEC Report Number 25-02N  
January 2025

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Commercial Fisheries Entry Commission  
8800 Glacier Highway #109  
P.O. Box 110302  
Juneau, Alaska 99811-0302  
(907) 789-6160

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For information on alternative formats and questions on this publication, please contact the following:

Commercial Fisheries Entry Commission (CFEC)

Research Section

8800 Glacier Highway, Suite 109

P.O. Box 110302

Juneau, Alaska 99811-0302

(907) 789-6160 *phone*

(907) 789-6170 *fax*

DFG.CFEC.Research@alaska.gov

## **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.

Prepared by Reid Johnson, Daniel Strong and Sally Kohlhase

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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.<sup>1</sup> 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: out of the 2,162 permanent permit initially issued, a total of 1,457 were non-transferable. 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.

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 1975-2023, 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.

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<sup>1</sup> See *Alaska's Commercial Salmon Catches, 1878-1997*. RIR No. 5J99-05.

**Table 0-1. Percent of Total Ex-vessel Value of Southeast Alaska Salmon Fisheries by Species, 1975-2023**

Species	Southeast Purse Seine	Southeast Drift Gillnet	Yakutat Set Gillnet	Hand Troll	Power Troll	Total Southeast Salmon
Chinook	1.0%	2.7%	1.8%	35.2%	43.0%	12.8%
sockeye	10.6%	32.0%	49.9%	0.3%	0.3%	12.8%
coho	3.4%	13.7%	44.2%	58.1%	50.8%	20.0%
pink	60.3%	8.8%	2.8%	5.1%	2.0%	33.0%
chum	24.7%	42.8%	1.4%	1.3%	3.9%	21.4%

## Description of the Data Files Used to Generate This Report

Four CFEC data files were used to generate the statistics in this report: the gross earnings file, the permit file, the vessel file, and the census file. The most recent 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 0-2 lists the communities that are currently designated as local to the Yakutat set gillnet salmon fishery in the Census file. Table 0-3 includes communities local to the Southeast Alaska purse seine and drift gillnet salmon fisheries. Note that while salmon hand and power troll permits are issued statewide, CFEC considers only the communities listed in Tables 0-2 and 0-3 as local to the salmon troll fisheries because these communities are local to where the fishery is prosecuted.

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

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

Angoon	Edna Bay	Katlina	Noyes Island	Steamboat Bay
Annette	Elfin Cove	Ketchikan	Pelican	Taku Harbor
Auke Bay	Excursion Inlet	Ketchikan East	Pennock Island	Tenakee
Baranof	Freshwater Bay	Klawock	Petersburg	Tenakee Springs
Baranof Warm Springs	Funter Bay	Klukwan	Point Baker	Thoms Place
Bell Island	Game Creek	Kupreanof	Polk Inlet	Thorne Bay
Big Port Walter	Gustavus	Labouchere Bay	Port Alexander	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 2023 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		2023 YEAR-END	
	Total	Percent	Change	Percent Change	Change	Percent Change	Change	Percent Change	Total	Percent Change
Local	213	50.8%	-3	-1.4%	-25	-11.7%	-39	-17.8%	146	52.5%
Nonlocal	1	0.2%	15	1500.0%	1	100.0%	-12	-1200.0%	5	1.8%
Nonresident	205	48.9%	-12	-5.9%	21	10.2%	-90	-43.9%	124	44.6%
AK Data Missing	0	0.0%	0	.	3	.	0	.	3	1.1%
<b>Total</b>	<b>419</b>		<b>0</b>		<b>0</b>		<b>-140</b>	<b>-33.4%</b>	<b>279</b>	

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 cancelled 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.<sup>2</sup> 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, 1980-2023**

Acquisition Method	S01A Permit		Combined Southeast Salmon		Statewide Salmon Purse Seine		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	235	21.5%	1,657	17.0%	1,169	27.8%	14,043	32.8%
Sale	765	70.0%	7,377	75.8%	2,645	63.0%	24,955	58.3%
Trade	20	1.8%	148	1.5%	65	1.5%	540	1.3%
Inheritance	54	4.9%	394	4.1%	183	4.4%	1,956	4.6%
Other	19	1.7%	150	1.5%	139	3.3%	1,274	3.0%
<b>Total</b>	<b>1,093</b>		<b>9,726</b>		<b>4,201</b>		<b>42,768</b>	

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

<sup>2</sup> CFEC implemented the transfer survey in 1980.

between 1980 and 2023. More than two-thirds of all S01A permit transfers were sales (70.0%, or 765/1,093), just over a fifth were transferred as gifts (21.5% or 235/1,093), and a smaller percentage were trades (1.8% or 20/1,093), inheritance (4.9% or 54/1,093) or other (1.7% or 19/1,093).

**Table 1-3. Relationships of Transferor to Transfer Recipients for Southeast Alaska Salmon Purse Seine Permits, 1980-2023**

Relationship	S01A Permit		Combined Southeast Salmon		Statewide Salmon Purse Seine		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	212	19.4%	1,932	19.9%	733	17.4%	8,041	18.8%
Member of Immediate Family	290	26.5%	2,041	21.0%	1346	32.0%	14,350	33.6%
Other Relative	28	2.6%	254	2.6%	155	3.7%	1,903	4.4%
Other/None	563	51.5%	5,499	56.5%	1966	46.8%	18,474	43.2%
<b>Total</b>	<b>1,093</b>		<b>9,726</b>		<b>4,201</b>		<b>42,768</b>	

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 2023. Transfers within the family, both immediate family members and other relatives, total 29.1% (318/1,093) of all transfers. This compares to 24.7% (2,295/9,726) for all five Southeast Alaska salmon permit types combined, 35.7% (1,501/4,201) for statewide salmon purse seine permits, and 38% (16,253/42,768) for all limited entry permits statewide.

## Emergency Transfers of S01A Permits

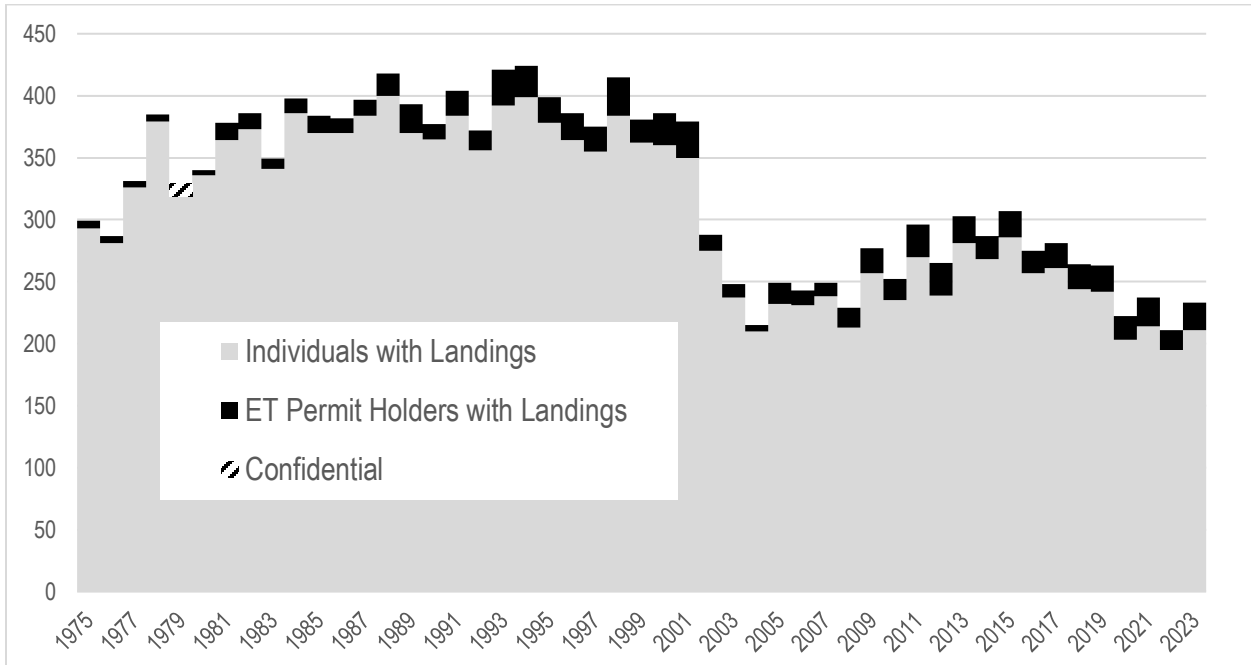
Commercial landings can be made with either permanently-held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, 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, 1975-2023**

Individuals with Landings				ET Permit Holders with Landings			Individuals with Landings				ET Permit Holders with Landings		
Year	Landings	ET Permit Holders with Landings	ET Rate	Year	Landings	ET Permit Holders with Landings	ET Rate	Year	Landings	ET Permit Holders with Landings	ET Rate		
1975	293	6	2.0%	1992	356	16	4.5%	2009	257	20	7.8%		
1976	281	6	2.1%	1993	392	29	7.4%	2010	235	17	7.2%		
1977	326	5	1.5%	1994	399	25	6.3%	2011	270	26	9.6%		
1978	379	6	1.6%	1995	378	21	5.6%	2012	239	26	10.9%		
1979	319	Confidential	0.3%	1996	364	22	6.0%	2013	281	22	7.8%		
1980	336	4	1.2%	1997	355	20	5.6%	2014	268	19	7.1%		
1981	364	14	3.8%	1998	384	31	8.1%	2015	286	21	7.3%		
1982	373	13	3.5%	1999	362	19	5.2%	2016	257	18	7.0%		
1983	341	8	2.3%	2000	360	26	7.2%	2017	261	20	7.7%		
1984	386	12	3.1%	2001	350	29	8.3%	2018	244	20	8.2%		
1985	370	14	3.8%	2002	275	13	4.7%	2019	242	21	8.7%		
1986	370	12	3.2%	2003	237	11	4.6%	2020	203	19	9.4%		
1987	384	13	3.4%	2004	210	5	2.4%	2021	214	23	10.7%		
1988	400	18	4.5%	2005	232	17	7.3%	2022	195	16	8.2%		
1989	370	23	6.2%	2006	231	12	5.2%	2023	211	22	10.4%		
1990	365	12	3.3%	2007	238	11	4.6%						
1991	384	20	5.2%	2008	213	16	7.5%						

**Figure 1-1. Use of Emergency Transfer Permits in the Southeast Alaska Salmon Purse Seine Fishery, 1975-2023**



## 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.

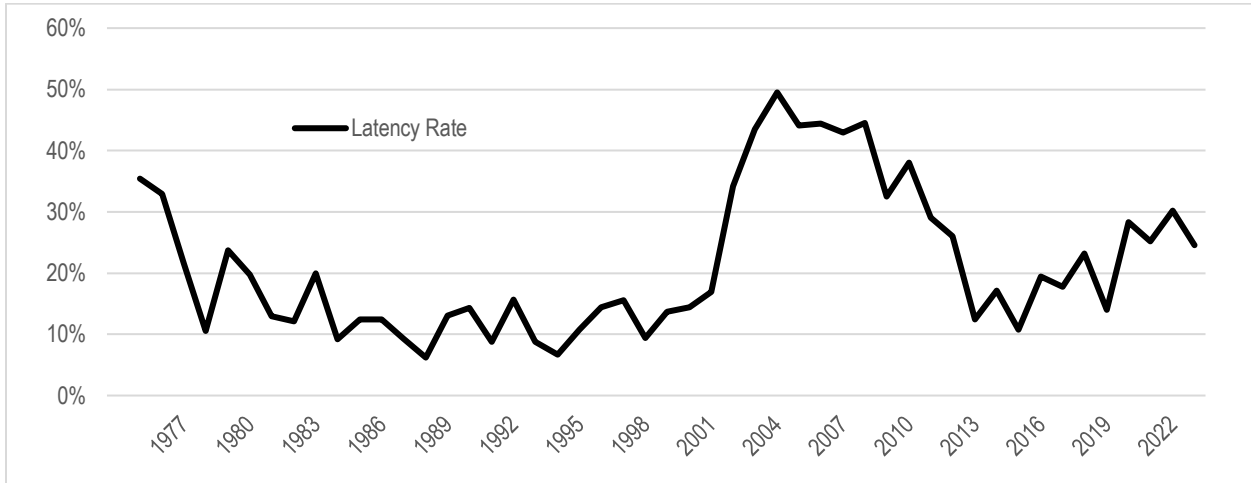
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

**Table 1-5. Southeast Alaska Salmon Purse Seine Permit Latency, 1975-2023**

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	443	286	35.4%	1992	420	354	15.7%	2009	379	256	32.5%
1976	416	279	32.9%	1993	419	382	8.8%	2010	379	235	38.0%
1977	414	325	21.5%	1994	418	390	6.7%	2011	379	269	29.0%
1978	420	376	10.5%	1995	418	373	10.8%	2012	315	233	26.0%
1979	418	319	23.7%	1996	417	357	14.4%	2013	315	276	12.4%
1980	417	335	19.7%	1997	416	351	15.6%	2014	315	261	17.1%
1981	418	364	12.9%	1998	416	377	9.4%	2015	315	281	10.8%
1982	421	370	12.1%	1999	416	359	13.7%	2016	315	254	19.4%
1983	421	337	20.0%	2000	416	356	14.4%	2017	315	259	17.8%
1984	422	383	9.2%	2001	415	345	16.9%	2018	315	242	23.2%
1985	420	368	12.4%	2002	415	273	34.2%	2019	279	240	14.0%
1986	420	368	12.4%	2003	416	235	43.5%	2020	279	200	28.3%
1987	420	381	9.3%	2004	414	209	49.5%	2021	278	208	25.2%
1988	420	394	6.2%	2005	415	232	44.1%	2022	278	194	30.2%
1989	420	365	13.1%	2006	414	230	44.4%	2023	278	210	24.5%
1990	420	360	14.3%	2007	415	237	42.9%				
1991	420	383	8.8%	2008	382	212	44.5%				

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

**Figure 1-2. Southeast Alaska Salmon Purse Seine Permit Latency, 1975-2023**



## 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.

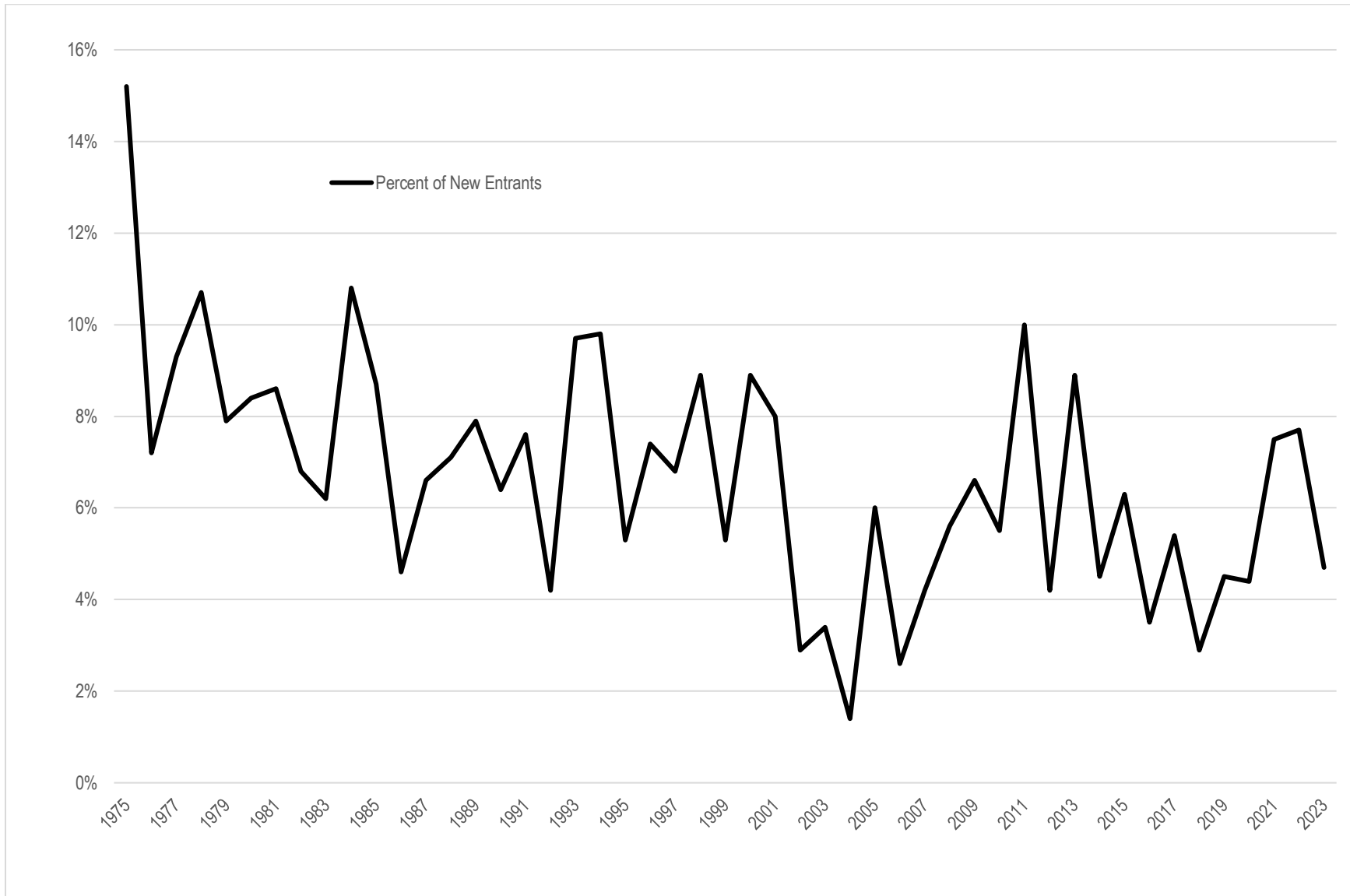
**Table 1-6. New Entrants into the Southeast Alaska Salmon Purse Seine Fishery, 1975-2023**

Year	Individuals with Landings	New Entrants	Percent New	Year	Individuals with Landings	New Entrants	Percent New	Year	Individuals with Landings	New Entrants	Percent New
1975	277	42	15.2%	1992	354	15	4.2%	2009	257	17	6.6%
1976	279	20	7.2%	1993	390	38	9.7%	2010	235	13	5.5%
1977	323	30	9.3%	1994	398	39	9.8%	2011	270	27	10.0%
1978	374	40	10.7%	1995	377	20	5.3%	2012	239	10	4.2%
1979	317	25	7.9%	1996	363	27	7.4%	2013	281	25	8.9%
1980	332	28	8.4%	1997	354	24	6.8%	2014	268	12	4.5%
1981	360	31	8.6%	1998	383	34	8.9%	2015	286	18	6.3%
1982	369	25	6.8%	1999	361	19	5.3%	2016	257	9	3.5%
1983	337	21	6.2%	2000	359	32	8.9%	2017	261	14	5.4%
1984	380	41	10.8%	2001	349	28	8.0%	2018	244	7	2.9%
1985	366	32	8.7%	2002	274	8	2.9%	2019	242	11	4.5%
1986	366	17	4.6%	2003	236	8	3.4%	2020	203	9	4.4%
1987	380	25	6.6%	2004	210	3	1.4%	2021	214	16	7.5%
1988	396	28	7.1%	2005	232	14	6.0%	2022	195	15	7.7%
1989	366	29	7.9%	2006	231	6	2.6%	2023	211	10	4.7%
1990	362	23	6.4%	2007	238	10	4.2%				
1991	381	29	7.6%	2008	213	12	5.6%				

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



Figure 1-3. New Entrants into the Southeast Alaska Salmon Purse Seine Fishery, 1975-2023



## 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 7 years between 1980 and 2023. The change in ages over the same period for all CFEC permit holders increased by 16.4 years, and 14.9 years for the statewide salmon purse seine permit holders. In Southeast Alaska among all salmon permit holders the median age increased 16.2 years.

For S01A permit holders, the median age increased by 12.9 years.

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

Year	S01A	Combined SE Salmon Purse Seines	Statewide Salmon Purse Seines	Statewide All Permits	Median Alaska Age
1980	43.9	43.6	40.9	39.6	30.0
1981	43.5	43.4	40.9	39.5	30.0
1982	43.5	42.6	40.7	39.5	30.0
1983	42.3	41.8	40.4	39.6	31.0
1984	42.4	42.4	40.9	39.9	31.0
1985	42.4	42.7	41.2	40.1	31.0
1986	42.8	42.9	40.9	40.1	31.0
1987	42.7	43.5	40.8	40.4	32.0
1988	42.4	43.7	40.9	40.6	33.0
1989	42.8	44.4	41.1	41.0	33.0
1990	42.6	45.0	41.7	41.4	33.0
1991	43.0	45.3	41.9	41.9	34.0
1992	43.6	45.9	42.7	42.4	35.0
1993	44.0	46.5	43.2	43.0	35.0
1994	44.2	47.1	43.5	43.5	35.0
1995	44.4	47.5	43.9	43.9	36.0
1996	44.7	48.3	44.6	44.5	36.0
1997	45.6	48.9	45.5	45.0	37.0
1998	46.1	49.5	46.0	45.6	37.0
1999	47.0	49.9	46.9	46.1	37.0
2000	47.2	50.5	47.1	46.6	37.0
2001	48.1	50.9	48.1	47.0	38.0
2002	49.0	51.4	48.8	47.7	38.0
2003	50.0	52.0	49.7	48.4	38.0
2004	51.0	52.4	50.7	48.8	38.0
2005	51.8	52.9	51.4	49.3	39.0
2006	52.7	53.3	51.9	49.7	39.0
2007	53.4	53.8	52.5	50.1	39.0
2008	53.9	54.4	52.6	50.5	39.0
2009	54.7	55.1	53.5	51.1	38.0
2010	55.2	55.5	53.8	51.4	38.0
2011	54.8	56.0	53.9	51.8	38.0
2012	53.0	56.1	54.2	52.1	38.0
2013	51.7	56.1	53.9	52.4	38.0
2014	52.5	56.1	53.9	52.7	38.0
2015	53.1	56.6	54.2	53.3	38.0
2016	53.7	57.1	55.1	53.8	38.0
2017	54.0	57.5	55.2	54.2	37.0
2018	54.7	58.1	55.6	54.7	37.0
2019	55.1	58.5	55.4	54.8	37.0
2020	55.6	58.7	55.7	55.1	37.0
2021	55.6	59.0	55.8	55.3	37.0
2022	55.9	59.4	55.6	55.6	37.0
2023	56.8	59.8	55.8	56.0	37.0

- 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
1987	25	\$110,700	\$13,000
1988	10	\$170,800	\$33,200
1989	24	\$201,900	\$40,000
1990	14	\$268,300	\$62,100
1991	19	\$211,300	\$12,800
1992	12	\$146,700	\$21,700
1993	15	\$171,100	\$14,000
1994	24	\$152,700	\$11,300
1995	15	\$154,500	\$7,800
1996	12	\$118,600	\$20,800
1997	19	\$96,800	\$10,400
1998	21	\$91,100	\$7,000
1999	16	\$77,100	\$6,700
2000	22	\$70,800	\$6,600
2001	20	\$59,800	\$7,800
2002	20	\$37,700	\$5,700
2003	6	\$53,300	\$9,300
2004	6	\$52,700	\$5,200
2005	16	\$67,700	\$6,700
2006	14	\$79,700	\$9,500
2007	14	\$89,400	\$10,600
2008	9	\$97,800	\$6,800
2009	17	\$105,300	\$7,100
2010	16	\$124,300	\$30,100
2011	21	\$177,600	\$10,200
2012	10	\$319,000	\$18,800
2013	10	\$400,800	\$27,000
2014	5	\$402,100	\$11,100
2015	8	\$327,400	\$57,700
2016	2	\$214,100	\$16,800
2017	6	\$261,300	\$11,300
2018	5	\$241,000	\$9,600
2019	11	\$275,400	\$25,800
2020	4	\$243,400	\$35,500
2021	10	\$170,700	\$18,100
2022	13	\$190,900	\$13,300
2023	3	\$191,900	\$20,000

- 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 have been included until at least four observations could be averaged.
- Real permit values were calculated using the 2024 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 25<sup>th</sup> percentile, median, and 75<sup>th</sup> percentile.

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

Vessel Year	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	50	62	77	373	36	47	49	257	25	37	46	304	18	26	32	366	150	190	250	170	540	950	1,440
1979	374	366	49	60	75	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	47	58	74	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	46	59	75	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	46	59	76	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	45	58	75	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	45	50	64	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	44	50	63	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	44	50	63	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	44	50	63	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	44	50	62	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	44	50	62	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	43	49	61	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	43	49	61	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	43	49	60	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	43	48	60	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	42	48	58	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	41	47	57	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	41	47	56	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	40	46	55	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	38	45	54	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	38	45	54	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	38	45	54	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	37	45	54	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	36	45	53	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	36	44	51	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	36	44	51	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	36	44	51	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	36	44	50	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	35	44	50	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	35	44	50	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	35	43	50	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	35	43	50	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	34	43	50	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	33	43	49	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	33	43	49	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	33	43	49	601	19	21	56	308	21	45	59	292	12	31	41	568	180	250	350	198	1,000	1,300	2,000
2015	601	590	32	43	49	601	19	21	56	306	31	46	60	289	15	32	43	564	188	250	350	203	1,000	1,400	2,100
2016	585	575	32	43	49	585	19	21	56	299	30	46	60	279	14	31	43	552	190	250	350	200	1,000	1,340	2,000
2017	585	577	32	43	49	585	19	21	56	297	32	46	61	281	15	31	43	548	200	250	350	200	1,000	1,400	2,000
2018	573	566	32	43	49	573	19	21	57	296	32	46	61	282	14	31	43	540	200	250	350	200	1,000	1,400	2,000
2019	577	570	31	41	49	577	19	22	57	300	31	47	63	283	11	31	43	540	200	270	360	202	1,000	1,400	2,050
2020	532	528	30	42	49	532	19	22	57	278	33	48	63	261	12	32	45	492	200	273	365	185	1,000	1,400	2,000
2021	552	548	29	41	49	552	19	23	57	291	33	48	67	273	12	31	46	514	200	275	365	196	1,000	1,420	2,075
2022	525	522	29	41	48	525	19	25	57	283	30	48	67	266	15	31	47	489	210	290	365	192	1,000	1,420	2,075
2023	511	507	27	41	48	511	19	24	57	275	32	47	67	257	12	31	47	471	210	300	365	180	1,000	1,500	2,165

• Totals include every vessel used in this fishery from 1978 to 2023.

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												
		Diesel		Gas		Data Missing	Aluminum		Fiberglass		Concrete		Steel		Wood		Data Missing		
1978	380	296	78%	79	21%	5	1%	26	7%	64	17%	1	0%	59	16%	227	60%	3	1%
1979	374	291	78%	77	21%	6	2%	41	11%	60	16%	1	0%	63	17%	205	55%	4	1%
1980	381	298	78%	80	21%	3	1%	42	11%	72	19%	1	0%	64	17%	198	52%	4	1%
1981	381	307	81%	71	19%	3	1%	44	12%	65	17%	1	0%	65	17%	201	53%	5	1%
1982	380	304	80%	75	20%	1	0%	41	11%	61	16%	1	0%	73	19%	200	53%	4	1%
1983	375	299	80%	73	19%	3	1%	50	13%	59	16%	1	0%	73	19%	189	50%	3	1%
1984	639	541	85%	88	14%	10	2%	241	38%	81	13%	1	0%	120	19%	189	30%	7	1%
1985	629	534	85%	86	14%	9	1%	251	40%	75	12%	1	0%	113	18%	184	29%	5	1%
1986	660	567	86%	82	12%	11	2%	264	40%	74	11%	1	0%	126	19%	192	29%	3	0%
1987	731	635	87%	82	11%	14	2%	282	39%	86	12%	1	0%	153	21%	206	28%	3	0%
1988	730	639	88%	77	11%	14	2%	281	38%	87	12%	1	0%	154	21%	202	28%	5	1%
1989	714	638	89%	67	9%	9	1%	273	38%	85	12%	0	0%	156	22%	196	27%	4	1%
1990	731	648	89%	75	10%	8	1%	292	40%	87	12%	0	0%	153	21%	191	26%	6	1%
1991	727	652	90%	67	9%	8	1%	299	41%	84	12%	0	0%	149	20%	186	26%	6	1%
1992	726	641	88%	76	10%	9	1%	296	41%	95	13%	2	0%	145	20%	177	24%	8	1%
1993	720	643	89%	68	9%	9	1%	295	41%	97	13%	1	0%	150	21%	169	23%	4	1%
1994	726	641	88%	73	10%	12	2%	303	42%	98	13%	1	0%	148	20%	167	23%	5	1%
1995	715	621	87%	79	11%	15	2%	310	43%	100	14%	1	0%	136	19%	159	22%	4	1%
1996	690	595	86%	79	11%	16	2%	305	44%	100	14%	1	0%	129	19%	149	22%	3	0%
1997	705	599	85%	92	13%	14	2%	322	46%	111	16%	1	0%	121	17%	143	20%	2	0%
1998	745	632	85%	100	13%	13	2%	347	47%	129	17%	1	0%	120	16%	141	19%	2	0%
1999	706	601	85%	93	13%	12	2%	330	47%	122	17%	1	0%	112	16%	134	19%	2	0%
2000	715	613	86%	89	12%	13	2%	338	47%	118	17%	1	0%	118	17%	132	18%	3	0%
2001	693	589	85%	89	13%	15	2%	336	48%	116	17%	1	0%	101	15%	131	19%	3	0%
2002	643	546	85%	85	13%	12	2%	322	50%	99	15%	1	0%	92	14%	120	19%	3	0%
2003	613	513	84%	87	14%	13	2%	313	51%	100	16%	1	0%	90	15%	102	17%	3	0%
2004	581	478	82%	92	16%	11	2%	302	52%	92	16%	1	0%	83	14%	96	17%	3	1%
2005	608	504	83%	89	15%	15	2%	315	52%	99	16%	1	0%	88	14%	98	16%	4	1%
2006	589	489	83%	89	15%	11	2%	305	52%	108	18%	1	0%	76	13%	94	16%	2	0%
2007	588	491	84%	89	15%	8	1%	309	53%	106	18%	1	0%	76	13%	89	15%	2	0%
2008	582	480	82%	93	16%	9	2%	303	52%	110	19%	1	0%	70	12%	90	15%	2	0%
2009	615	510	83%	97	16%	8	1%	323	53%	114	19%	1	0%	78	13%	92	15%	2	0%
2010	614	512	83%	95	15%	7	1%	321	52%	117	19%	1	0%	77	13%	93	15%	1	0%
2011	639	528	83%	104	16%	7	1%	334	52%	121	19%	1	0%	85	13%	92	14%	0	0%
2012	622	518	83%	96	15%	8	1%	332	53%	111	18%	1	0%	83	13%	88	14%	1	0%
2013	621	514	83%	98	16%	9	1%	333	54%	105	17%	1	0%	85	14%	89	14%	2	0%
2014	601	499	83%	94	16%	8	1%	325	54%	100	17%	1	0%	82	14%	85	14%	2	0%
2015	601	505	84%	87	14%	9	1%	325	54%	100	17%	1	0%	84	14%	84	14%	1	0%
2016	585	482	82%	96	16%	7	1%	315	54%	98	17%	1	0%	83	14%	81	14%	1	0%
2017	585	486	83%	89	15%	10	2%	313	54%	97	17%	1	0%	86	15%	82	14%	1	0%
2018	573	478	83%	84	15%	11	2%	301	53%	98	17%	1	0%	82	14%	85	15%	1	0%
2019	577	479	83%	89	15%	9	2%	308	53%	99	17%	1	0%	85	15%	77	13%	2	0%
2020	532	439	83%	85	16%	8	2%	285	54%	90	17%	1	0%	77	14%	73	14%	1	0%
2021	552	459	83%	85	15%	8	1%	294	53%	100	18%	1	0%	77	14%	76	14%	1	0%
2022	525	440	84%	77	15%	8	2%	274	52%	100	19%	1	0%	76	14%	69	13%	1	0%
2023	511	429	84%	73	14%	9	2%	271	53%	94	18%	1	0%	74	14%	66	13%	1	0%

• Mean values include every vessel used in this fishery from 1978 to 2023.

## Participation and Earnings

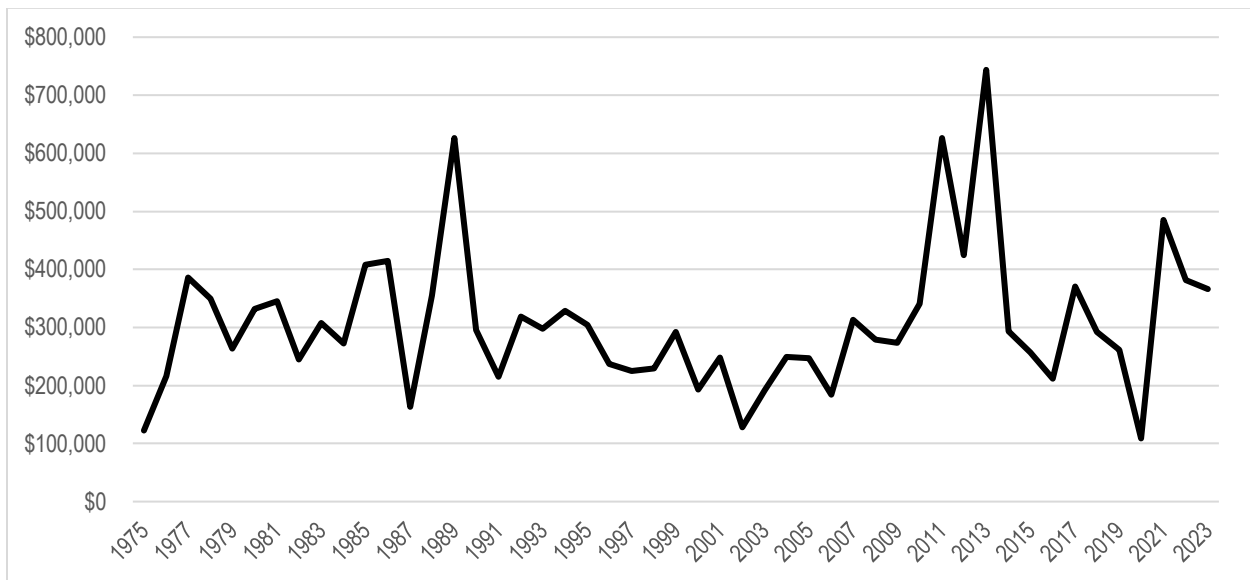
Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 1-4 are in real dollars using the 2024 Consumer Price Index from the U.S. Bureau of Labor Statistics.

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 2023. 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.

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



- Real earnings are adjusted for inflation using the 2024 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, 1975-2023**

Year	Viable Permits	Gross Earnings	Permits With Landings	Average Gross Earnings	Vessels With Landings	Average Vessel Earnings
1975	443	\$34,873,847	286	\$121,937	294	\$118,619
1976	416	\$60,316,278	279	\$216,187	296	\$203,771
1977	414	\$125,592,175	325	\$386,437	326	\$385,252
1978	420	\$131,607,037	376	\$350,019	376	\$350,019
1979	418	\$83,950,578	319	\$263,168	313	\$268,213
1980	417	\$111,092,511	335	\$331,619	326	\$340,775
1981	418	\$125,557,469	364	\$344,938	351	\$357,714
1982	421	\$90,499,405	370	\$244,593	363	\$249,310
1983	421	\$103,761,465	337	\$307,898	329	\$315,384
1984	422	\$104,518,471	383	\$272,894	374	\$279,461
1985	420	\$150,047,310	368	\$407,737	358	\$419,127
1986	420	\$152,491,040	368	\$414,378	366	\$416,642
1987	420	\$62,118,142	381	\$163,040	380	\$163,469
1988	420	\$139,904,086	394	\$355,087	393	\$355,990
1989	420	\$228,482,020	365	\$625,978	366	\$624,268
1990	420	\$106,470,267	360	\$295,751	361	\$294,931
1991	420	\$82,218,145	383	\$214,669	384	\$214,110
1992	420	\$112,936,116	354	\$319,029	352	\$320,841
1993	419	\$113,630,614	382	\$297,462	381	\$298,243
1994	418	\$128,072,970	390	\$328,392	392	\$326,717
1995	418	\$113,665,530	373	\$304,733	378	\$300,702
1996	417	\$84,713,322	357	\$237,292	359	\$235,970
1997	416	\$78,912,443	351	\$224,822	354	\$222,917
1998	416	\$86,651,013	377	\$229,844	378	\$229,235
1999	416	\$105,085,471	359	\$292,717	358	\$293,535
2000	416	\$68,603,205	356	\$192,706	356	\$192,706
2001	415	\$85,450,385	345	\$247,682	344	\$248,402
2002	415	\$34,932,391	273	\$127,957	272	\$128,428
2003	416	\$45,046,994	235	\$191,689	233	\$193,335
2004	414	\$52,036,683	209	\$248,979	203	\$256,338
2005	415	\$57,337,797	232	\$247,146	226	\$253,707
2006	414	\$42,401,339	230	\$184,354	223	\$190,141
2007	415	\$74,314,219	237	\$313,562	234	\$317,582
2008	382	\$59,096,703	212	\$278,758	212	\$278,758
2009	379	\$70,036,122	256	\$273,579	251	\$279,028
2010	379	\$80,038,967	235	\$340,591	233	\$343,515
2011	379	\$168,597,216	269	\$626,755	266	\$633,824
2012	315	\$98,797,409	233	\$424,023	234	\$422,211
2013	315	\$205,264,483	276	\$743,712	275	\$746,416
2014	315	\$76,517,773	261	\$293,172	265	\$288,746
2015	315	\$72,325,461	281	\$257,386	283	\$255,567
2016	315	\$53,888,530	254	\$212,160	254	\$212,160
2017	315	\$95,846,382	259	\$370,063	259	\$370,063
2018	315	\$70,680,612	242	\$292,069	240	\$294,503
2019	279	\$62,614,699	240	\$260,895	236	\$265,317
2020	279	\$21,761,673	200	\$108,808	201	\$108,267
2021	278	\$100,917,058	208	\$485,178	210	\$480,557
2022	278	\$74,025,419	194	\$381,574	198	\$373,866
2023	278	\$76,807,519	210	\$365,750	208	\$369,267

- Adjusted for inflation to 2024 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, 1975-2023**

Year	Local			Nonlocal			Nonresident			Total		
	People	Average Gross Earnings	Total Gross Earnings	People	Average Gross Earnings	Total Gross Earnings	People	Average Gross Earnings	Total Gross Earnings	People	Average Gross Earnings	Total Gross Earnings
1975	164	\$122,384	\$20,071,057	1-3	Confidential	Confidential	128	Confidential	Confidential	293	\$119,023	\$34,873,847
1976	145	\$200,578	\$29,083,845	1-3	Confidential	Confidential	134	Confidential	Confidential	281	\$214,649	\$60,316,278
1977	161	Confidential	Confidential	1-3	Confidential	Confidential	164	\$346,947	\$56,899,368	326	\$385,252	\$125,592,175
1978	166	\$344,577	\$57,199,747	7	\$374,100	\$2,618,700	206	\$348,488	\$71,788,590	379	\$347,248	\$131,607,037
1979	155	\$276,734	\$42,893,700	5	\$350,353	\$1,751,765	159	\$247,202	\$39,305,113	319	\$263,168	\$83,950,578
1980	160	\$324,438	\$51,910,039	4	\$423,293	\$1,693,174	172	\$334,240	\$57,489,298	336	\$330,632	\$111,092,511
1981	171	\$347,691	\$59,455,222	4	\$509,994	\$2,039,976	189	\$338,954	\$64,062,272	364	\$344,938	\$125,557,469
1982	157	\$252,007	\$39,565,134	4	\$350,260	\$1,401,038	212	\$233,647	\$49,533,232	373	\$242,626	\$90,499,405
1983	158	Confidential	Confidential	1-3	Confidential	Confidential	181	\$336,322	\$60,874,218	341	\$304,286	\$103,761,465
1984	167	Confidential	Confidential	1-3	Confidential	Confidential	217	\$276,910	\$60,089,375	386	\$270,773	\$104,518,471
1985	166	Confidential	Confidential	1-3	Confidential	Confidential	201	\$408,561	\$82,120,708	370	\$405,533	\$150,047,310
1986	163	Confidential	Confidential	1-3	Confidential	Confidential	206	\$435,323	\$89,676,524	370	\$412,138	\$152,491,040
1987	168	\$173,234	\$29,103,283	4	\$192,602	\$770,407	212	\$152,096	\$32,244,452	384	\$161,766	\$62,118,142
1988	174	\$350,238	\$60,941,340	5	\$318,110	\$1,590,550	221	\$350,100	\$77,372,195	400	\$349,760	\$139,904,086
1989	170	\$550,738	\$93,625,429	4	\$609,453	\$2,437,812	196	\$675,606	\$132,418,779	370	\$617,519	\$228,482,020
1990	164	Confidential	Confidential	1-3	Confidential	Confidential	199	\$318,068	\$63,295,537	365	\$291,699	\$106,470,267
1991	165	\$204,728	\$33,780,111	6	\$142,852	\$857,111	213	\$223,385	\$47,580,923	384	\$214,110	\$82,218,145
1992	158	Confidential	Confidential	1-3	Confidential	Confidential	196	\$331,231	\$64,921,279	356	\$317,236	\$112,936,116
1993	164	\$269,558	\$44,207,554	9	\$288,020	\$2,592,181	219	\$305,164	\$66,830,879	392	\$289,874	\$113,630,614
1994	158	\$313,380	\$49,514,038	16	\$246,191	\$3,939,060	225	\$331,644	\$74,619,872	399	\$320,985	\$128,072,970
1995	165	\$264,219	\$43,596,080	12	\$290,211	\$3,482,537	201	\$331,278	\$66,586,913	378	\$300,702	\$113,665,530
1996	148	\$210,034	\$31,084,984	12	\$252,578	\$3,030,934	204	\$248,026	\$50,597,404	364	\$232,729	\$84,713,322
1997	145	\$226,099	\$32,784,409	17	\$192,657	\$3,275,161	193	\$222,036	\$42,852,874	355	\$222,289	\$78,912,443
1998	149	\$214,569	\$31,970,804	16	\$231,422	\$3,702,751	219	\$232,774	\$50,977,458	384	\$225,654	\$86,651,013
1999	150	\$277,465	\$41,619,792	15	\$287,725	\$4,315,869	197	\$300,253	\$59,149,810	362	\$290,291	\$105,085,471
2000	147	\$187,098	\$27,503,353	19	\$182,532	\$3,468,105	194	\$193,978	\$37,631,747	360	\$190,564	\$68,603,205
2001	138	\$248,041	\$34,229,645	17	\$243,195	\$4,134,308	195	\$241,469	\$47,086,432	350	\$244,144	\$85,450,385
2002	117	\$126,122	\$14,756,284	10	\$117,942	\$1,179,416	148	\$128,356	\$18,996,691	275	\$127,027	\$34,932,391
2003	108	\$189,330	\$20,447,620	9	\$182,491	\$1,642,416	120	\$191,308	\$22,956,958	237	\$190,072	\$45,046,994
2004	102	\$245,808	\$25,072,386	7	\$186,540	\$1,305,778	101	\$254,045	\$25,658,519	210	\$247,794	\$52,036,683
2005	112	\$246,950	\$27,658,437	8	\$212,880	\$1,703,043	112	\$249,789	\$27,976,316	232	\$247,146	\$57,337,797
2006	120	\$176,171	\$21,140,575	6	\$182,989	\$1,097,931	105	\$192,027	\$20,162,832	231	\$183,556	\$42,401,339
2007	114	\$304,687	\$34,734,267	10	\$308,064	\$3,080,641	114	\$320,169	\$36,499,311	238	\$312,245	\$74,314,219
2008	114	\$265,648	\$30,283,840	1-3	Confidential	Confidential	97	Confidential	Confidential	213	\$277,449	\$59,096,703
2009	126	\$274,186	\$34,547,468	8	\$266,079	\$2,128,632	123	\$271,220	\$33,360,023	257	\$272,514	\$70,036,122
2010	128	\$346,706	\$44,378,398	1-3	Confidential	Confidential	105	Confidential	Confidential	235	\$340,591	\$80,038,967
2011	132	\$640,139	\$84,498,283	5	\$442,943	\$2,214,716	133	\$615,671	\$81,884,217	270	\$624,434	\$168,597,216
2012	124	\$411,852	\$51,069,603	1-3	Confidential	Confidential	113	Confidential	Confidential	239	\$413,378	\$98,797,409
2013	143	\$744,991	\$106,533,749	10	\$707,426	\$7,074,258	128	\$716,066	\$91,656,476	281	\$730,479	\$205,264,483
2014	144	\$288,635	\$41,563,489	5	\$179,640	\$898,198	119	\$286,186	\$34,056,086	268	\$285,514	\$76,517,773
2015	150	\$263,667	\$39,550,094	7	\$175,912	\$1,231,381	129	\$244,527	\$31,543,986	286	\$252,886	\$72,325,461
2016	140	\$201,838	\$28,257,339	1-3	Confidential	Confidential	115	Confidential	Confidential	257	\$209,683	\$53,888,530
2017	140	\$369,850	\$51,778,971	1-3	Confidential	Confidential	118	Confidential	Confidential	261	\$367,228	\$95,846,382
2018	135	\$307,316	\$41,487,607	1-3	Confidential	Confidential	107	Confidential	Confidential	244	\$289,675	\$70,680,612
2019	134	\$240,420	\$32,216,281	7	\$326,104	\$2,282,725	101	\$278,373	\$28,115,693	242	\$258,738	\$62,614,699
2020	124	\$97,747	\$12,120,577	1-3	Confidential	Confidential	76	Confidential	Confidential	203	\$107,200	\$21,761,673
2021	125	\$430,308	\$53,788,547	4	\$456,580	\$1,826,319	85	\$532,967	\$45,302,192	214	\$471,575	\$100,917,058
2022	112	\$343,130	\$38,430,547	1-3	Confidential	Confidential	80	Confidential	Confidential	195	\$379,618	\$74,025,419
2023	119	\$368,033	\$43,795,884	5	\$285,667	\$1,428,334	87	\$363,026	\$31,583,300	211	\$364,017	\$76,807,519

- Adjusted for inflation to 2024 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 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 2023 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		2023 YEAR-END	
	Total	Percent	Change	Percent Change	Change	Percent Change	Change	Percent Change	Total	Percentage
Local	315	66.3%	81	25.7%	-25	-7.9%	-2	-0.6%	369	78.2%
Nonlocal	5	1.1%	7	140.0%	2	40.0%	0	0.0%	14	3.0%
Nonresident	154	32.4%	-74	-48.1%	7	4.5%	-1	-0.6%	86	18.2%
AK Data Missing	1	0.2%	-14	-1400.0%	16	1600.0%	0	0.0%	3	0.6%
<b>Total</b>	<b>475</b>	<b>100.0%</b>	<b>0</b>		<b>0</b>		<b>-3</b>	<b>-0.6%</b>	<b>472</b>	<b>100.0%</b>

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.<sup>3</sup> 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, 1980-2023**

Acquisition Method	S03A Permit		Combined Southeast Salmon		Statewide Salmon Drift Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	406	23.0%	1,657	17.0%	4,003	30.6%	14,043	32.8%
Sale	1,256	71.2%	7,377	75.8%	8,127	62.0%	24,955	58.3%
Trade	20	1.1%	148	1.5%	127	1.0%	540	1.3%
Inheritance	44	2.5%	394	4.1%	396	3.0%	1,956	4.6%
Other	38	2.2%	150	1.5%	448	3.4%	1,274	3.0%
<b>Total</b>	<b>1,764</b>		<b>9,726</b>		<b>13,101</b>		<b>42,768</b>	

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 2023. More than two thirds of all S03A transfers were sales (71.2% or 1,256/1,764), about one fourth were gifts (23.0% or 406/1,764), and a smaller percentage were trades (1.1% or 20/1,764) or other (2.2% or 38/1,764).

**Table 2-3. Relationships of Transferor to Transfer Recipients for Southeast Alaska Salmon Drift Gillnet Permits, 1980-2023**

Relationship	S03A Permit		Combined Southeast Salmon		Statewide Salmon Drift Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	288	16.3%	1,932	19.9%	2,179	16.6%	8,041	18.8%
Member of Immediate Family	452	25.6%	2,041	21.0%	4,085	31.2%	14,350	33.6%
Other Relative	42	2.4%	254	2.6%	542	4.1%	1,903	4.4%
Other/Non	982	55.7%	5,499	56.5%	6,294	48.0%	18,474	43.2%
<b>Total</b>	<b>1,764</b>		<b>9,726</b>		<b>13,101</b>		<b>42,768</b>	

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 2023. Transfers within the family, both between immediate family members and other relatives, total 28.0% (494/1,764) of all permit transfers for S03A permits compared to 23.6% (2,295/9,726) for all five Southeast Alaska salmon permit types combined, 35.3% (4,627/13,101) for all salmon drift gillnet statewide, and 38.0% (15,253/42,768) for all limited entry permits statewide.

<sup>3</sup> CFEC implemented the transfer survey in 1980.

## Emergency Transfers of S03A Permits

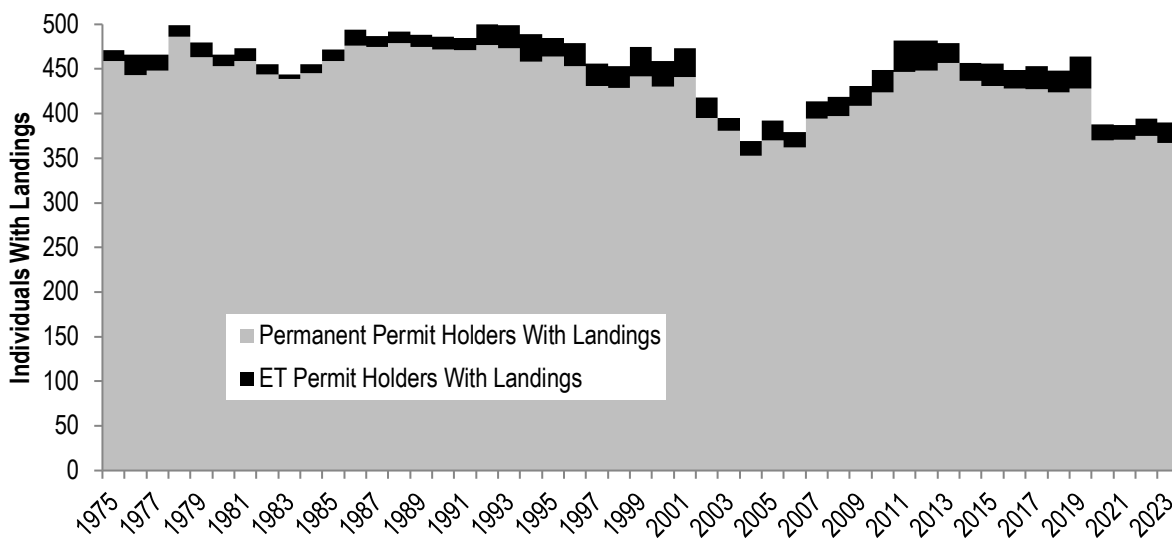
Commercial landings can be made with either permanently held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, 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, 1975-2023**

Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate
1975	459	12	2.6%
1976	443	23	5.2%
1977	448	18	4.0%
1978	486	13	2.7%
1979	463	17	3.7%
1980	453	13	2.9%
1981	459	14	3.1%
1982	444	11	2.5%
1983	439	5	1.1%
1984	445	10	2.2%
1985	459	13	2.8%
1986	476	18	3.8%
1987	475	12	2.5%
1988	479	13	2.7%
1989	475	13	2.7%
1990	472	14	3.0%
1991	471	14	3.0%
1992	477	23	4.8%
1993	473	26	5.5%
1994	458	31	6.8%
1995	464	21	4.5%
1996	453	26	5.7%
1997	431	25	5.8%
1998	429	24	5.6%
1999	442	33	7.5%
2000	430	29	6.7%
2001	441	32	7.3%
2002	395	23	5.8%
2003	381	14	3.7%
2004	353	16	4.5%
2005	370	22	5.9%
2006	362	17	4.7%
2007	394	20	5.1%
2008	397	22	5.5%
2009	409	22	5.4%
2010	424	25	5.9%
2011	447	35	7.8%
2012	448	34	7.6%
2013	457	22	4.8%
2014	437	20	4.6%
2015	431	25	5.8%
2016	428	21	4.9%
2017	427	26	6.1%
2018	424	24	5.7%
2019	428	36	8.4%
2020	370	18	4.9%
2021	371	16	4.3%
2022	375	19	5.1%
2023	367	23	6.3%

**Figure 2-1. Use of Emergency Transfer Permits in the Southeast Alaska Salmon Drift Gillnet Fishery, 1975-2023**



## 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.

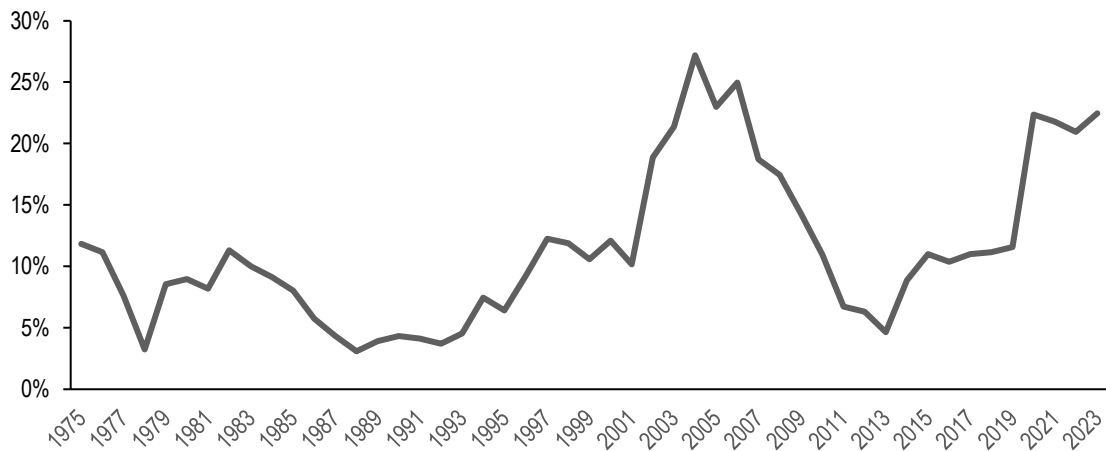
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

**Table 2-5. Southeast Alaska Salmon Drift Gillnet Permit Latency, 1975-2023**

Year	Permits Issued	Permits Fished	Latency Rate
1975	499	440	11.8%
1976	484	430	11.2%
1977	474	438	7.6%
1978	490	474	3.3%
1979	491	449	8.6%
1980	489	445	9.0%
1981	487	447	8.2%
1982	486	431	11.3%
1983	480	432	10.0%
1984	481	437	9.1%
1985	485	446	8.0%
1986	488	460	5.7%
1987	486	465	4.3%
1988	485	470	3.1%
1989	485	466	3.9%
1990	486	465	4.3%
1991	485	465	4.1%
1992	485	467	3.7%
1993	482	460	4.6%
1994	482	446	7.5%
1995	483	452	6.4%
1996	484	439	9.3%
1997	482	423	12.2%
1998	479	422	11.9%
1999	481	430	10.6%
2000	480	422	12.1%
2001	482	433	10.2%
2002	482	391	18.9%
2003	477	375	21.4%
2004	478	348	27.2%
2005	478	368	23.0%
2006	477	358	24.9%
2007	476	387	18.7%
2008	475	392	17.5%
2009	474	406	14.3%
2010	474	422	11.0%
2011	474	442	6.8%
2012	474	444	6.3%
2013	473	451	4.7%
2014	473	431	8.9%
2015	473	421	11.0%
2016	473	424	10.4%
2017	473	421	11.0%
2018	474	421	11.2%
2019	474	419	11.6%
2020	474	368	22.4%
2021	473	370	21.8%
2022	472	373	21.0%
2023	472	366	22.5%

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

**Figure 2-2. Southeast Alaska Salmon Drift Gillnet Permit Latency, 1975-2023**



## 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.

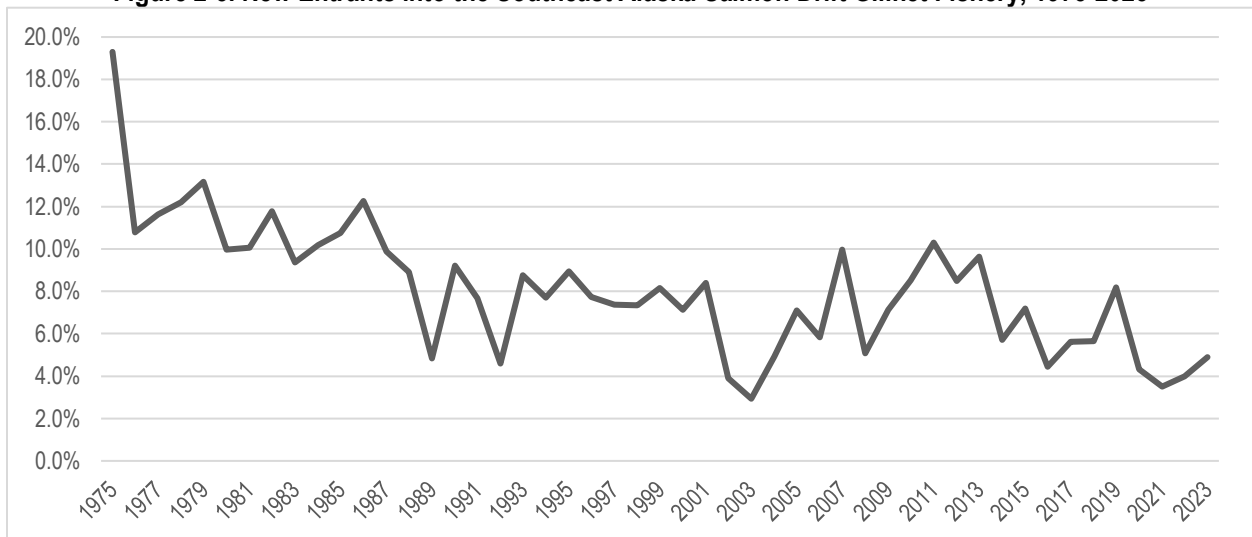
Table 2-6 and Figure 2-3 describe individuals rather than permits. An individual may hold up to two permits in this fishery but can only fish one of them. An individual may hold one S03A permit one year, and then in subsequent years hold a different S03A permit. Likewise, individuals may enter and exit 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, 1975-2023**

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%	1992	458	21	4.6%	2009	407	29	7.1%
1976	417	45	10.8%	1993	456	40	8.8%	2010	423	36	8.5%
1977	439	51	11.6%	1994	442	34	7.7%	2011	446	46	10.3%
1978	459	56	12.2%	1995	447	40	8.9%	2012	447	38	8.5%
1979	440	58	13.2%	1996	439	34	7.7%	2013	457	44	9.6%
1980	431	43	10.0%	1997	420	31	7.4%	2014	437	25	5.7%
1981	438	44	10.0%	1998	422	31	7.3%	2015	431	31	7.2%
1982	424	50	11.8%	1999	429	35	8.2%	2016	428	19	4.4%
1983	427	40	9.4%	2000	421	30	7.1%	2017	427	24	5.6%
1984	432	44	10.2%	2001	428	36	8.4%	2018	424	24	5.7%
1985	446	48	10.8%	2002	386	15	3.9%	2019	428	35	8.2%
1986	457	56	12.3%	2003	375	11	2.9%	2020	370	16	4.3%
1987	456	45	9.9%	2004	345	17	4.9%	2021	371	13	3.5%
1988	460	41	8.9%	2005	367	26	7.1%	2022	375	15	4.0%
1989	456	22	4.8%	2006	360	21	5.8%	2023	367	18	4.9%
1990	456	42	9.2%	2007	391	39	10.0%				
1991	457	35	7.7%	2008	393	20	5.1%				

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

**Figure 2-3. New Entrants into the Southeast Alaska Salmon Drift Gillnet Fishery, 1975-2023**



## 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 7 years between 1980 and 2023. The ages for all CFEC permit holders over the same period increased by 16.4 years, and by 9.5 years for the statewide drift gillnet permit holders. Median ages increased by 16.2 years for the combined Southeast Alaska salmon permit holders.

For S03A permit holders, the median age increased 13.4 years.

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

Year	S03A	Combined SE Salmon	Statewide Salmon Drift Gillnet	Statewide All Permits	AK Worker Median Age
1980	41.5	43.6	41.6	39.6	30.0
1981	40.9	43.4	41.2	39.5	30.0
1982	40.5	42.6	40.5	39.5	30.0
1983	40.7	41.8	40.4	39.6	31.0
1984	40.6	42.4	40.7	39.9	31.0
1985	40.4	42.7	40.9	40.1	31.0
1986	39.4	42.9	40.7	40.1	31.0
1987	40.0	43.5	41.1	40.4	32.0
1988	40.6	43.7	41.3	40.6	33.0
1989	41.2	44.4	41.5	41.0	33.0
1990	41.7	45.0	42.0	41.4	33.0
1991	42.5	45.3	42.3	41.9	34.0
1992	43.7	45.9	42.8	42.4	35.0
1993	43.8	46.5	43.1	43.0	35.0
1994	44.5	47.1	43.7	43.5	35.0
1995	45.1	47.5	43.9	43.9	36.0
1996	45.3	48.3	44.3	44.5	36.0
1997	45.9	48.9	45.0	45.0	37.0
1998	46.6	49.5	45.4	45.6	37.0
1999	46.6	49.9	45.9	46.1	37.0
2000	46.9	50.5	46.5	46.6	37.0
2001	47.5	50.9	47.1	47.0	38.0
2002	48.2	51.4	47.9	47.7	38.0
2003	48.7	52.0	48.4	48.4	38.0
2004	49.0	52.4	48.8	48.8	38.0
2005	49.8	52.9	49.0	49.3	39.0
2006	50.5	53.3	49.5	49.7	39.0
2007	50.8	53.8	49.5	50.1	39.0
2008	51.0	54.4	49.9	50.5	39.0
2009	51.1	55.1	50.2	51.1	38.0
2010	51.3	55.5	50.4	51.4	38.0
2011	51.8	56.0	50.6	51.8	38.0
2012	52.0	56.1	50.9	52.1	38.0
2013	51.1	56.1	50.8	52.4	38.0
2014	51.6	56.1	51.0	52.7	38.0
2015	52.0	56.6	51.2	53.3	38.0
2016	52.3	57.1	51.4	53.8	38.0
2017	53.1	57.5	51.5	54.2	37.0
2018	53.5	58.1	51.5	54.7	37.0
2019	53.3	58.5	51.4	54.8	37.0
2020	53.8	58.7	51.8	55.1	37.0
2021	54.0	59.0	51.5	55.3	37.0
2022	54.4	59.4	51.3	55.6	37.0
2023	54.9	59.8	51.1	56.0	37.0

- 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 10<sup>th</sup>. Age data from the CFEC permit file is as of December 31<sup>st</sup> 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
1987	28	\$155,700	\$19,400
1988	16	\$204,600	\$55,700
1989	14	\$322,200	\$31,800
1990	28	\$253,000	\$27,800
1991	32	\$188,700	\$20,700
1992	26	\$166,900	\$21,900
1993	27	\$176,600	\$9,900
1994	31	\$131,800	\$10,900
1995	33	\$144,200	\$12,500
1996	30	\$117,600	\$10,200
1997	32	\$97,900	\$9,300
1998	25	\$67,400	\$4,700
1999	29	\$63,100	\$4,000
2000	36	\$59,500	\$7,700
2001	26	\$72,400	\$8,300
2002	10	\$46,200	\$8,300
2003	17	\$35,500	\$4,000
2004	19	\$35,300	\$4,200
2005	34	\$46,900	\$5,800
2006	39	\$60,000	\$5,900
2007	26	\$83,000	\$11,400
2008	21	\$78,400	\$4,800
2009	22	\$77,900	\$3,800
2010	37	\$81,200	\$8,800
2011	31	\$111,300	\$13,900
2012	31	\$127,900	\$12,600
2013	27	\$150,600	\$11,100
2014	21	\$124,400	\$8,300
2015	15	\$116,500	\$7,300
2016	11	\$109,200	\$4,900
2017	17	\$112,400	\$7,200
2018	14	\$104,200	\$7,500
2019	21	\$104,300	\$7,800
2020	6	\$87,400	\$7,000
2021	8	\$75,200	\$8,700
2022	20	\$67,200	\$3,500
2023	5	\$67,600	\$8,400

- Permit values represent averages of all arms-length sale transactions over the year. Beginning in 1991, additional data from recent months in the preceding year may be included until at least four observations can be averaged.
- Standard Deviation was not calculated prior to 1987.
- Real permit values were calculated using the 2024 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 25<sup>th</sup> percentile, median, and 75<sup>th</sup> percentile.

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

Year	Vessel Count	Age				Length in Feet				Net Tons				Horsepower				Hold Capacity (ft³)			
		Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%
1978	488	464	4	8	16	469	30	33	36	311	9	12	15	402	5	8	11	461	120	160	225
1979	464	430	5	8	16	428	30	33	36	279	9	12	15	363	5	8	12	418	125	170	250
1980	453	429	4	8	15	430	30	33	36	289	9	12	15	376	5	8	12	417	130	170	250
1981	463	440	4	9	15	441	30	33	36	305	10	12	16	395	5	9	12	425	130	185	250
1982	456	432	5	9	16	433	30	33	36	321	10	12	15	392	5	9	12	422	130	185	250
1983	489	437	6	10	16	436	30	33	36	335	10	12	15	392	6	9	12	430	130	186	250
1984	459	437	6	11	17	436	30	33	36	342	10	12	15	401	5	9	12	429	130	190	250
1985	458	446	7	12	18	446	30	33	36	355	10	13	15	413	5	9	12	441	130	200	250
1986	525	482	8	12	19	481	31	33	36	393	10	13	16	442	6	10	12	477	130	200	250
1987	521	481	9	13	19	480	31	33	36	392	10	13	16	444	6	9	12	472	130	200	250
1988	547	496	9	14	19	495	31	34	36	415	10	13	16	464	6	10	12	490	140	200	250
1989	554	496	10	14	19	495	31	34	36	421	11	14	17	457	7	10	13	491	140	210	260
1990	537	493	10	15	20	492	31	34	37	426	11	14	17	457	7	11	13	487	150	215	265
1991	545	491	11	15	20	490	31	34	37	422	11	14	17	451	7	11	13	487	150	220	270
1992	522	486	12	15	21	485	31	34	37	411	11	14	17	443	7	11	13	481	150	219	270
1993	551	495	12	16	22	493	31	34	37	421	11	14	17	447	7	11	13	490	150	220	270
1994	498	463	12	17	22	463	31	34	37	393	11	14	17	414	7	11	13	454	155	220	275
1995	474	473	14	18	23	473	32	34	37	411	11	14	17	433	7	11	13	465	165	220	300
1996	460	460	15	19	25	460	32	35	38	402	11	14	17	421	7	11	13	455	160	220	300
1997	438	437	16	20	26	438	32	36	38	384	11	14	17	407	7	11	13	433	160	220	300
1998	428	428	16	21	26	428	32	36	38	383	11	14	17	401	8	11	13	424	165	225	300
1999	436	436	16	21	27	436	32	36	38	389	12	15	17	406	8	11	13	432	175	230	306
2000	427	427	15	22	28	427	32	36	38	380	12	15	18	398	8	11	14	423	175	240	310
2001	449	448	16	23	28	448	32	36	38	395	12	15	18	413	7	11	14	445	175	250	310
2002	399	399	17	24	29	399	32	36	38	360	12	15	18	375	8	11	13	397	180	250	320
2003	379	379	17	25	30	379	32	36	38	338	12	15	18	353	8	11	13	376	180	250	320
2004	348	348	17	26	31	348	32	36	39	306	12	15	19	321	8	11	14	344	183	250	350
2005	373	373	18	26	32	373	32	36	39	333	12	15	19	348	8	11	14	370	190	250	350
2006	365	365	20	27	32	365	33	36	40	326	12	15	19	341	8	12	14	360	185	250	350
2007	390	390	20	28	33	390	33	36	40	351	12	15	19	367	8	12	15	385	200	250	350
2008	391	391	21	29	34	391	32	36	40	353	12	15	19	367	8	11	15	385	200	250	358
2009	408	408	22	30	35	408	32	36	40	371	12	15	19	380	9	12	14	401	200	250	350
2010	423	423	23	31	36	423	33	36	40	389	12	15	19	400	8	12	15	416	200	250	350
2011	447	447	24	32	37	447	32	36	40	410	13	15	19	419	8	12	14	439	200	250	358
2012	448	448	25	33	38	448	33	36	40	410	13	15	19	418	9	12	14	436	200	250	350
2013	459	459	26	34	39	459	32	36	40	422	13	15	19	431	9	12	15	446	200	260	358
2014	448	448	28	35	40	448	33	36	39	413	13	15	19	421	9	12	15	436	200	250	354
2015	429	429	27	36	41	429	33	36	40	398	13	15	19	403	9	12	15	416	201	260	358
2016	429	429	28	37	42	429	33	36	40	395	13	15	19	402	9	12	15	421	201	260	370
2017	424	424	29	38	43	424	34	36	40	395	13	15	19	399	9	12	15	415	205	260	360
2018	428	428	30	39	44	428	34	36	40	398	13	15	19	404	9	12	15	418	205	265	365
2019	431	429	31	40	44	429	33	36	39	404	13	16	19	407	9	12	15	420	203	263	370
2020	370	370	32	40	45	370	34	36	40	351	13	16	20	350	9	12	15	365	210	265	365
2021	373	372	33	41	46	372	34	36	40	348	13	16	20	351	9	12	15	366	210	265	375
2022	378	376	34	42	47	376	34	36	40	351	13	16	20	354	9	12	15	370	210	270	370
2023	370	370	35	43	47	370	33	36	40	342	13	16	20	343	9	12	15	362	210	273	365



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				Count	Hull Material								
		Count	Diesel	Gas	Count		Aluminum	Fiberglass	Steel	Wood					
1978	488	468	387	82.7%	81	17.3%	468	15	3.2%	253	54.1%	5	1.1%	190	40.6%
1979	464	431	347	80.5%	84	19.5%	430	17	4.0%	248	57.7%	2	0.5%	158	36.7%
1980	453	431	357	82.8%	74	17.2%	430	22	5.1%	258	60.0%	3	0.7%	143	33.3%
1981	463	440	368	83.6%	72	16.4%	439	21	4.8%	269	61.3%	3	0.7%	141	32.1%
1982	456	432	361	83.6%	71	16.4%	430	25	5.8%	260	60.5%	4	0.9%	137	31.9%
1983	489	435	364	83.7%	71	16.3%	434	19	4.4%	281	64.7%	5	1.2%	127	29.3%
1984	459	436	374	85.8%	62	14.2%	436	25	5.7%	278	63.8%	4	0.9%	127	29.1%
1985	458	446	388	87.0%	58	13.0%	445	26	5.8%	292	65.6%	4	0.9%	121	27.2%
1986	525	483	420	87.0%	63	13.0%	482	25	5.2%	329	68.3%	5	1.0%	121	25.1%
1987	521	480	422	87.9%	58	12.1%	481	24	5.0%	338	70.3%	2	0.4%	115	23.9%
1988	547	494	441	89.3%	53	10.7%	495	27	5.5%	354	71.5%	3	0.6%	108	21.8%
1989	554	497	441	88.7%	56	11.3%	494	25	5.1%	371	75.1%	2	0.4%	93	18.8%
1990	537	493	450	91.3%	43	8.7%	491	28	5.7%	368	74.9%	6	1.2%	86	17.5%
1991	545	491	449	91.4%	42	8.6%	489	28	5.7%	375	76.7%	5	1.0%	78	16.0%
1992	522	485	445	91.8%	40	8.2%	485	33	6.8%	378	77.9%	2	0.4%	69	14.2%
1993	551	492	451	91.7%	41	8.3%	494	38	7.7%	376	76.1%	4	0.8%	73	14.8%
1994	498	460	428	93.0%	32	7.0%	463	30	6.5%	360	77.8%	3	0.6%	66	14.3%
1995	474	471	442	93.8%	29	6.2%	473	26	5.5%	375	79.3%	4	0.8%	66	14.0%
1996	460	459	430	93.7%	29	6.3%	460	26	5.7%	359	78.0%	3	0.7%	70	15.2%
1997	438	435	419	96.3%	16	3.7%	437	20	4.6%	350	80.1%	4	0.9%	62	14.2%
1998	428	427	412	96.5%	15	3.5%	428	23	5.4%	343	80.1%	2	0.5%	59	13.8%
1999	436	434	420	96.8%	14	3.2%	436	24	5.5%	358	82.1%	2	0.5%	51	11.7%
2000	427	425	413	97.2%	12	2.8%	427	30	7.0%	346	81.0%	3	0.7%	47	11.0%
2001	449	447	431	96.4%	16	3.6%	447	40	8.9%	357	79.9%	2	0.4%	47	10.5%
2002	399	398	389	97.7%	9	2.3%	399	33	8.3%	322	80.7%	1	0.3%	42	10.5%
2003	379	379	371	97.9%	8	2.1%	378	32	8.5%	309	81.7%	0	0.0%	37	9.8%
2004	348	347	339	97.7%	8	2.3%	347	31	8.9%	286	82.4%	0	0.0%	30	8.6%
2005	373	373	364	97.6%	9	2.4%	372	35	9.4%	306	82.3%	0	0.0%	31	8.3%
2006	365	364	356	97.8%	8	2.2%	364	32	8.8%	302	83.0%	2	0.5%	28	7.7%
2007	390	390	382	97.9%	8	2.1%	389	36	9.3%	323	83.0%	1	0.3%	28	7.2%
2008	391	391	381	97.4%	10	2.6%	390	40	10.3%	321	82.3%	1	0.3%	27	6.9%
2009	408	408	395	96.8%	13	3.2%	407	46	11.3%	334	82.1%	1	0.2%	25	6.1%
2010	423	423	417	98.6%	6	1.4%	422	42	10.0%	352	83.4%	1	0.2%	26	6.2%
2011	447	446	434	97.3%	12	2.7%	447	48	10.7%	375	83.9%	1	0.2%	22	4.9%
2012	448	448	437	97.5%	11	2.5%	447	45	10.1%	380	85.0%	1	0.2%	20	4.5%
2013	459	458	449	98.0%	9	2.0%	458	51	11.1%	388	84.7%	1	0.2%	17	3.7%
2014	448	447	439	98.2%	8	1.8%	447	46	10.3%	373	83.4%	1	0.2%	25	5.6%
2015	429	428	423	98.8%	5	1.2%	428	46	10.7%	365	85.3%	1	0.2%	15	3.5%
2016	429	428	424	99.1%	4	0.9%	428	47	11.0%	366	85.5%	1	0.2%	13	3.0%
2017	424	423	418	98.8%	5	1.2%	423	47	11.1%	360	85.1%	2	0.5%	13	3.1%
2018	428	427	421	98.6%	6	1.4%	427	50	11.7%	359	84.1%	2	0.5%	15	3.5%
2019	431	428	420	98.1%	8	1.9%	428	47	11.0%	363	84.8%	2	0.5%	15	3.5%
2020	370	369	365	98.9%	4	1.1%	369	40	10.8%	315	85.4%	2	0.5%	11	3.0%
2021	373	371	364	98.1%	7	1.9%	372	39	10.5%	318	85.5%	1	0.3%	13	3.5%
2022	378	375	370	98.7%	5	1.3%	376	46	12.2%	319	84.8%	0	0.0%	10	2.7%
2023	370	369	364	98.6%	5	1.4%	370	43	11.6%	316	85.4%	1	0.3%	9	2.4%

- Mean includes every vessel used in this fishery from 1978 to 2023

## Participation and Earnings

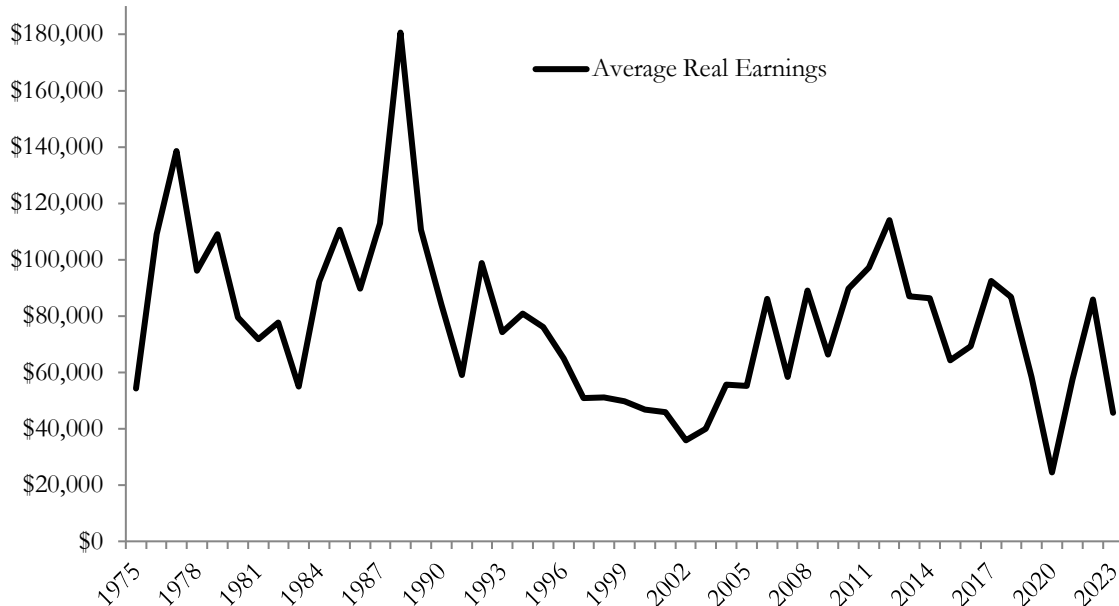
Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 2-4 are in real dollars using the 2024 Consumer Price Index from the U.S. Bureau of Labor Statistics.

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 2023. 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.

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



- Real earnings are adjusted for inflation using the 2024 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, 1975-2023**

Year	Viable Permits	Total Gross Earnings	Permits With Landings	Average Real Earnings	Vessels With Landings	Average Real Vessel Earnings
1975	499	\$23,897,396	440	\$54,312	522	\$45,780
1976	484	\$46,911,010	430	\$109,095	465	\$100,884
1977	474	\$60,671,749	438	\$138,520	451	\$134,527
1978	490	\$45,528,859	474	\$96,052	488	\$93,297
1979	491	\$48,894,645	449	\$108,897	464	\$105,376
1980	489	\$35,369,500	445	\$79,482	453	\$78,078
1981	487	\$32,060,270	447	\$71,723	463	\$69,245
1982	486	\$33,512,983	431	\$77,756	456	\$73,493
1983	480	\$23,694,983	432	\$54,849	489	\$48,456
1984	481	\$40,308,787	437	\$92,240	459	\$87,819
1985	485	\$49,278,084	446	\$110,489	457	\$107,830
1986	488	\$41,270,093	460	\$89,718	525	\$78,610
1987	486	\$52,523,399	465	\$112,954	521	\$100,813
1988	485	\$84,872,342	470	\$180,579	546	\$155,444
1989	485	\$51,532,407	466	\$110,585	554	\$93,019
1990	486	\$39,050,535	465	\$83,980	537	\$72,720
1991	485	\$27,436,499	465	\$59,003	544	\$50,435
1992	485	\$46,122,109	467	\$98,763	522	\$88,357
1993	482	\$34,166,468	460	\$74,275	550	\$62,121
1994	482	\$36,031,484	446	\$80,788	498	\$72,352
1995	483	\$34,419,424	452	\$76,149	474	\$72,615
1996	484	\$28,554,049	439	\$65,043	460	\$62,074
1997	482	\$21,545,955	423	\$50,936	438	\$49,192
1998	479	\$21,601,537	422	\$51,188	428	\$50,471
1999	481	\$21,405,933	430	\$49,781	436	\$49,096
2000	480	\$19,720,608	422	\$46,731	427	\$46,184
2001	482	\$19,839,401	433	\$45,818	448	\$44,284
2002	482	\$14,033,670	391	\$35,892	399	\$35,172
2003	477	\$15,017,852	375	\$40,048	379	\$39,625
2004	478	\$19,352,249	348	\$55,610	348	\$55,610
2005	478	\$20,271,270	368	\$55,085	373	\$54,347
2006	477	\$30,809,240	358	\$86,059	365	\$84,409
2007	476	\$22,574,859	387	\$58,333	390	\$57,884
2008	475	\$34,906,945	392	\$89,048	391	\$89,276
2009	474	\$26,873,880	406	\$66,192	408	\$65,867
2010	474	\$37,884,585	422	\$89,774	423	\$89,562
2011	474	\$42,951,224	442	\$97,175	447	\$96,088
2012	474	\$50,661,248	444	\$114,102	448	\$113,083
2013	473	\$39,245,256	451	\$87,018	459	\$85,502
2014	473	\$37,207,142	431	\$86,327	448	\$83,052
2015	473	\$27,004,812	421	\$64,144	429	\$62,948
2016	473	\$29,379,083	424	\$69,290	429	\$68,483
2017	473	\$38,936,773	421	\$92,486	424	\$91,832
2018	474	\$36,499,159	421	\$86,696	428	\$85,278
2019	474	\$24,472,862	419	\$58,408	431	\$56,782
2020	474	\$9,004,260	368	\$24,468	370	\$24,336
2021	473	\$21,246,388	370	\$57,423	373	\$56,961
2022	472	\$32,029,209	373	\$85,869	378	\$84,733
2023	472	\$16,715,772	366	\$45,672	370	\$45,178

- Adjusted for inflation to 2024 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, 1975-2023

Year	Local Gross Earnings			Nonlocal Gross Earnings			Nonresident Gross Earnings			Total Gross Earnings		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	317	\$51,758	\$16,407,401	1 - 3	Confidential		**	Confidential		459	\$52,064	\$23,897,396
1976	312	\$112,039	\$34,956,163	1 - 3	Confidential		**	Confidential		443	\$105,894	\$46,911,010
1977	318	\$130,550	\$41,514,836	5	\$149,630	\$748,152	125	\$147,270	\$18,408,761	448	\$135,428	\$60,671,749
1978	334	\$88,486	\$29,554,181	11	\$75,738	\$833,115	141	\$107,387	\$15,141,564	486	\$93,681	\$45,528,859
1979	331	\$108,194	\$35,812,362	4	\$104,964	\$419,858	128	\$98,925	\$12,662,425	463	\$105,604	\$48,894,645
1980	326	\$72,687	\$23,695,979	4	\$57,633	\$230,532	123	\$93,032	\$11,442,990	453	\$78,078	\$35,369,500
1981	316	\$69,165	\$21,856,143	6	\$54,497	\$326,984	137	\$72,096	\$9,877,143	459	\$69,848	\$32,060,270
1982	295	\$77,066	\$22,734,332	6	\$69,821	\$418,924	142	\$72,871	\$10,347,747	443	\$75,623	\$33,501,003
1983	302	\$51,633	\$15,593,311	4	\$38,989	\$155,956	133	\$59,742	\$7,945,716	439	\$53,975	\$23,694,983
1984	308	\$89,740	\$27,639,936	5	\$84,386	\$421,929	132	\$92,780	\$12,246,922	445	\$90,582	\$40,308,787
1985	318	\$106,317	\$33,808,789	5	\$118,329	\$591,644	136	\$109,394	\$14,877,652	459	\$107,360	\$49,278,084
1986	331	\$84,466	\$27,958,166	7	\$81,899	\$573,294	138	\$92,309	\$12,738,632	476	\$86,702	\$41,270,093
1987	330	\$111,502	\$36,795,796	7	\$132,960	\$930,718	137	\$108,006	\$14,796,884	474	\$110,809	\$52,523,399
1988	324	\$176,469	\$57,175,803	7	\$178,180	\$1,247,258	148	\$178,711	\$26,449,281	479	\$177,187	\$84,872,342
1989	317	\$103,280	\$32,739,662	5	\$67,044	\$335,221	152	\$121,431	\$18,457,524	474	\$108,718	\$51,532,407
1990	312	\$82,642	\$25,784,291	6	\$83,261	\$499,567	155	\$82,366	\$12,766,677	473	\$82,559	\$39,050,535
1991	320	\$59,165	\$18,932,701	7	\$50,338	\$352,363	148	\$55,077	\$8,151,434	475	\$57,761	\$27,436,499
1992	324	\$95,767	\$31,028,651	4	\$77,072	\$308,289	148	\$99,900	\$14,785,169	476	\$96,895	\$46,122,109
1993	325	\$69,942	\$22,731,267	8	\$59,650	\$477,203	139	\$78,835	\$10,957,998	472	\$72,387	\$34,166,468
1994	322	\$80,134	\$25,803,105	8	\$85,112	\$680,895	127	\$75,177	\$9,547,484	457	\$78,844	\$36,031,484
1995	322	\$72,962	\$23,493,695	11	\$72,020	\$792,215	127	\$79,791	\$10,133,513	460	\$74,825	\$34,419,424
1996	315	\$61,715	\$19,440,096	9	\$46,614	\$419,527	126	\$69,003	\$8,694,427	450	\$63,453	\$28,554,049
1997	296	\$48,127	\$14,245,656	5	\$57,978	\$289,889	128	\$54,769	\$7,010,410	429	\$50,224	\$21,545,955
1998	285	\$48,219	\$13,742,286	10	\$39,770	\$397,701	134	\$55,683	\$7,461,550	429	\$50,353	\$21,601,537
1999	302	\$49,937	\$15,081,083	10	\$31,617	\$316,173	126	\$47,688	\$6,008,677	438	\$48,872	\$21,405,933
2000	306	\$46,577	\$14,252,660	8	\$29,306	\$234,446	114	\$45,908	\$5,233,501	428	\$46,076	\$19,720,608
2001	318	\$45,361	\$14,424,824	10	\$32,250	\$322,499	110	\$46,292	\$5,092,078	438	\$45,295	\$19,839,401
2002	286	\$36,292	\$10,379,590	11	\$41,725	\$458,973	96	\$33,282	\$3,195,107	393	\$35,709	\$14,033,670
2003	285	\$39,501	\$11,257,912	8	\$40,630	\$325,038	85	\$40,401	\$3,434,073	378	\$39,728	\$15,017,023
2004	269	\$55,431	\$14,910,928	5	\$66,825	\$334,123	75	\$54,763	\$4,107,198	349	\$55,451	\$19,352,249
2005	277	\$55,049	\$15,248,448	7	\$41,019	\$287,130	87	\$54,433	\$4,735,692	371	\$54,640	\$20,271,270
2006	280	\$87,002	\$24,360,618	9	\$82,653	\$743,874	73	\$78,147	\$5,704,749	362	\$85,108	\$30,809,240
2007	308	\$57,456	\$17,696,321	7	\$49,895	\$349,266	77	\$58,769	\$4,525,217	392	\$57,579	\$22,570,804
2008	307	\$90,268	\$27,712,355	10	\$57,972	\$579,717	78	\$84,806	\$6,614,874	395	\$88,372	\$34,906,945
2009	313	\$66,022	\$20,664,883	11	\$62,960	\$692,558	84	\$65,672	\$5,516,438	408	\$65,867	\$26,873,880
2010	333	\$88,197	\$29,369,638	9	\$73,645	\$662,807	82	\$95,758	\$7,852,141	424	\$89,350	\$37,884,585
2011	350	\$97,817	\$34,235,780	11	\$68,282	\$751,098	86	\$92,609	\$7,964,346	447	\$96,088	\$42,951,224
2012	345	\$115,487	\$39,843,165	13	\$89,621	\$1,165,073	90	\$107,256	\$9,653,011	448	\$113,083	\$50,661,248
2013	343	\$89,761	\$30,787,923	16	\$64,358	\$1,029,730	98	\$75,792	\$7,427,603	457	\$85,876	\$39,245,256
2014	337	\$87,905	\$29,624,153	13	\$53,250	\$692,252	87	\$79,204	\$6,890,737	437	\$85,142	\$37,207,142
2015	333	\$62,867	\$20,934,608	17	\$35,813	\$608,820	81	\$67,424	\$5,461,384	431	\$62,656	\$27,004,812
2016	335	\$70,589	\$23,647,276	16	\$33,822	\$541,147	77	\$67,411	\$5,190,659	428	\$68,643	\$29,379,083
2017	333	\$93,640	\$31,182,109	19	\$60,914	\$1,157,369	75	\$87,964	\$6,597,295	427	\$91,187	\$38,936,773
2018	330	\$88,848	\$29,319,974	19	\$53,427	\$1,015,105	75	\$82,188	\$6,164,079	424	\$86,083	\$36,499,159
2019	331	\$58,179	\$19,257,289	20	\$37,517	\$750,348	77	\$57,990	\$4,465,226	428	\$57,180	\$24,472,862
2020	296	\$24,025	\$7,111,336	13	\$18,409	\$239,320	61	\$27,108	\$1,653,604	370	\$24,336	\$9,004,260
2021	297	\$57,976	\$17,218,914	13	\$37,729	\$490,472	61	\$57,984	\$3,537,001	371	\$57,268	\$21,246,388
2022	302	\$86,902	\$26,244,333	12	\$64,928	\$779,141	61	\$82,061	\$5,005,735	375	\$85,411	\$32,029,209
2023	300	\$45,060	\$13,518,088	10	\$33,811	\$338,114	57	\$50,168	\$2,859,570	367	\$45,547	\$16,715,772

- Adjusted for inflation to 2024 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.

## 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 2023 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		2023 Year End	
	Total	Percent	Change	Percent Change	Change	Percent Change	Cancelled	Percent Cancelled	Total	Percentage
AK Data Missing	0	0.0%	-5	-	7	-	0	-	2	1.2%
Local	129	75.0%	10	7.8%	-35	-27.1%	2	1.6%	102	61.4%
Nonlocal	25	14.5%	-9	-36.0%	22	88.0%	3	12.0%	35	21.1%
Nonresident	18	10.5%	4	22.2%	6	33.3%	1	5.6%	27	16.3%
<b>Total</b>	<b>172</b>	<b>100.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>6</b>	<b>3.5%</b>	<b>166</b>	<b>100.0%</b>

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.<sup>4</sup> 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, 1980-2023**

Acquisition Method	S04D Permit		Combined Southeast Salmon		Statewide Salmon Set Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	320	47.8%	1,657	17.0%	6,974	51.5%	14,043	32.8%
Sale	299	44.6%	7,377	75.8%	5,170	38.1%	24,955	58.3%
Trade	4	0.6%	148	1.5%	97	0.7%	540	1.3%
Inheritance	31	4.6%	394	4.1%	830	6.1%	1,956	4.6%
Other	16	2.4%	150	1.5%	483	3.6%	1,274	3.0%
<b>Total</b>	<b>670</b>		<b>9,726</b>		<b>13,554</b>		<b>42,768</b>	

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 2023. Nearly half of all S04D permit transfers were gifts (47.8%, or 320/670), most of the other half were transferred as sales (44.6% or 299/670), and a smaller percentage were inheritances (4.6% or 31/670), trades (0.6% or 4/670) or other (7% or 47/670).

**Table 3-3. Relationships of Transferor to Transfer Recipients for Yakutat Salmon Set Gillnet Permits, 1980-2023**

Relationship	S04D Permit		Combined Southeast Salmon		Statewide Salmon Set Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	180	26.9%	1,932	19.9%	2,766	20.4%	8,041	18.8%
Member of Immediate Family	265	39.6%	2,041	21.0%	6,489	47.9%	14,350	33.6%
Other Relative	66	9.9%	254	2.6%	938	6.9%	1,903	4.4%
Other/None	159	23.7%	5,499	56.5%	3,361	24.8%	18,474	43.2%
<b>Total</b>	<b>670</b>		<b>9,726</b>		<b>13,554</b>		<b>42,768</b>	

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 2023. Transfers within the family, both immediate family members and other relatives, total 49.4% (331/670) of all transfers. This compares to 23.6% (2,295/9,726) for all five Southeast Alaska salmon permit types combined, 54.8% (7,427/13,554) for statewide salmon set gillnet permits, and 38% (16,253/42,768) for all limited entry permits statewide.

<sup>4</sup> CFEC implemented the transfer survey in 1980.

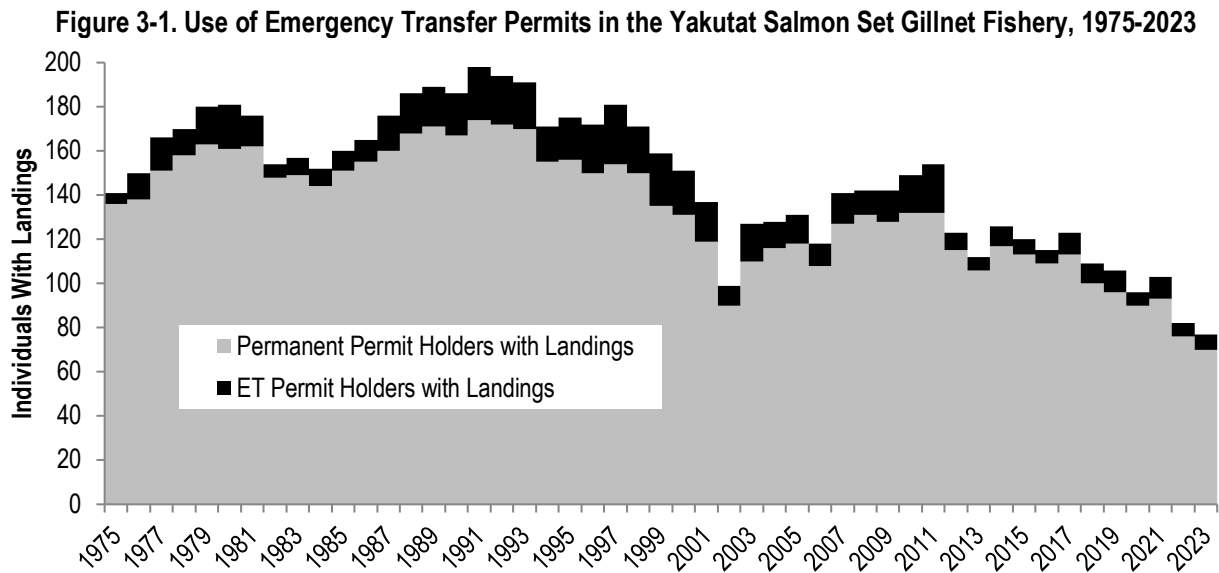
## Emergency Transfers of S04D Permits

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, 1975-2023**

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%	1992	172	22	12.8%	2009	128	14	10.9%
1976	138	12	8.7%	1993	170	21	12.4%	2010	132	17	12.9%
1977	151	15	9.9%	1994	155	16	10.3%	2011	132	22	16.7%
1978	158	12	7.6%	1995	156	19	12.2%	2012	115	8	7.0%
1979	163	17	10.4%	1996	150	22	14.7%	2013	106	6	5.7%
1980	161	20	12.4%	1997	154	27	17.5%	2014	117	9	7.7%
1981	162	14	8.6%	1998	150	21	14.0%	2015	113	7	6.2%
1982	148	6	4.1%	1999	135	24	17.8%	2016	109	6	5.5%
1983	149	8	5.4%	2000	131	20	15.3%	2017	113	10	8.8%
1984	144	8	5.6%	2001	119	18	15.1%	2018	100	9	9.0%
1985	151	9	6.0%	2002	90	9	10.0%	2019	96	10	10.4%
1986	155	10	6.5%	2003	110	17	15.5%	2020	90	6	6.7%
1987	160	16	10.0%	2004	116	12	10.3%	2021	93	10	10.8%
1988	168	18	10.7%	2005	118	13	11.0%	2022	76	6	7.9%
1989	171	18	10.5%	2006	108	10	9.3%	2023	70	7	10.0%
1990	167	19	11.4%	2007	127	14	11.0%				
1991	174	24	13.8%	2008	131	11	8.4%				



## 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.

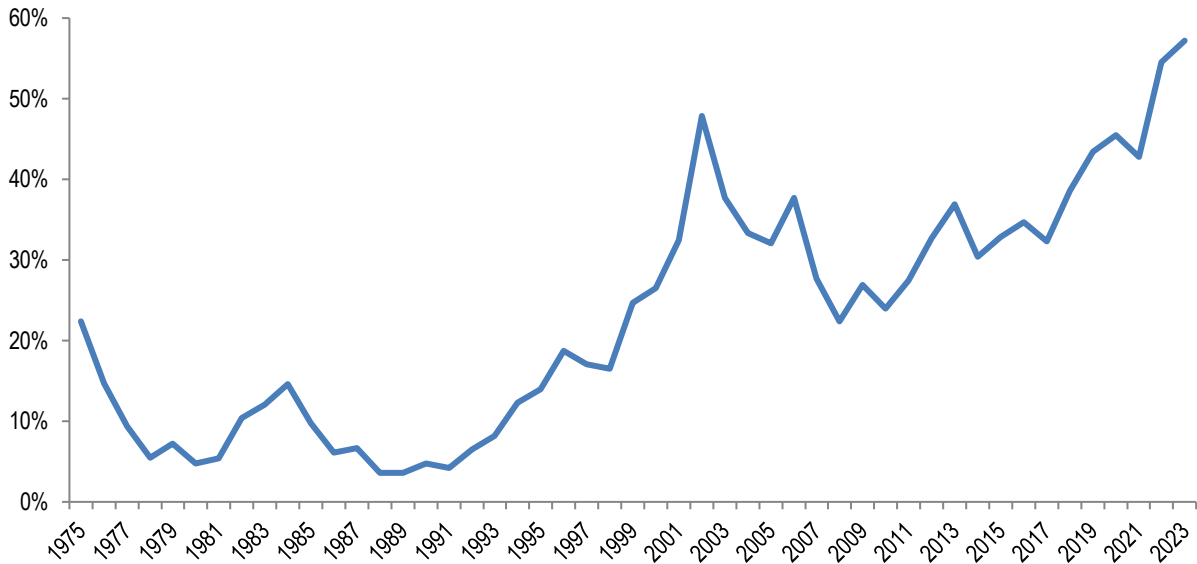


**Table 3-5. Yakutat Salmon Set Gillnet Permit Latency, 1975-2023**

Year	Permits Issued	Permits Fished	Latency Rate
1975	174	135	22.4%
1976	156	133	14.7%
1977	159	144	9.4%
1978	163	154	5.5%
1979	167	155	7.2%
1980	167	159	4.8%
1981	167	158	5.4%
1982	164	147	10.4%
1983	165	145	12.1%
1984	164	140	14.6%
1985	164	148	9.8%
1986	164	154	6.1%
1987	165	154	6.7%
1988	165	159	3.6%
1989	166	160	3.6%
1990	166	158	4.8%
1991	168	161	4.2%
1992	170	159	6.5%
1993	171	157	8.2%
1994	171	150	12.3%
1995	171	147	14.0%
1996	171	139	18.7%
1997	170	141	17.1%
1998	170	142	16.5%
1999	170	128	24.7%
2000	170	125	26.5%
2001	169	114	32.5%
2002	167	87	47.9%
2003	167	104	37.7%
2004	168	112	33.3%
2005	168	114	32.1%
2006	167	104	37.7%
2007	166	120	27.7%
2008	165	128	22.4%
2009	167	122	26.9%
2010	167	127	24.0%
2011	167	121	27.5%
2012	168	113	32.7%
2013	168	106	36.9%
2014	168	117	30.4%
2015	167	112	32.9%
2016	167	109	34.7%
2017	167	113	32.3%
2018	166	102	38.6%
2019	166	94	43.4%
2020	167	91	45.5%
2021	166	95	42.8%
2022	167	76	54.5%
2023	166	71	57.2%

- 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, 1975-2023**



## New Entrants into the Yakutat Salmon Set Gillnet Fishery

New entrants are individuals who record a landing for the first time 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, 1975-2023**

Year	Individuals with Landings	New Entrants	Percent New
1975	95	5	5.3%
1976	137	22	16.1%
1977	150	21	14.0%
1978	156	17	10.9%
1979	160	21	13.1%
1980	158	15	9.5%
1981	160	18	11.3%
1982	148	7	5.4%
1983	148	18	12.2%
1984	144	9	6.3%
1985	151	17	11.3%
1986	155	11	7.1%
1987	159	14	8.8%
1988	166	25	15.1%
1989	168	19	11.3%
1990	165	22	13.3%
1991	173	24	13.9%
1992	170	14	8.2%
1993	167	17	10.2%
1994	152	11	7.2%
1995	154	17	11.0%
1996	148	14	9.5%
1997	151	21	13.9%
1998	148	14	9.5%
1999	133	7	5.3%
2000	130	12	9.2%
2001	117	8	6.8%
2002	88	5	5.7%
2003	108	12	11.1%
2004	114	7	6.1%
2005	118	14	11.9%
2006	108	12	11.1%
2007	127	15	11.8%
2008	131	10	7.6%
2009	128	11	8.6%
2010	132	14	10.6%
2011	132	16	12.1%
2012	115	6	5.2%
2013	106	4	3.8%
2014	117	12	10.3%
2015	113	8	7.1%
2016	109	5	4.6%
2017	113	5	4.4%
2018	100	8	8.0%
2019	96	8	8.3%
2020	90	10	11.1%
2021	93	3	3.2%
2022	76	7	9.2%
2023	70	6	8.6%

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

**Figure 3-3. New Entrants into the Yakutat Salmon Set Gillnet Fishery, 1975-2023**



## 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 working population has increased 7 years between 1980 and 2023. Statewide salmon set gillnet permit holders increased 16 years. Southeast Alaska salmon permit holders median age increased 16.2 years, and the median age of S04D permit holders increased 19.8 years.

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

Year	S04D	Combined SE Salmon	Statewide Set Gillnet	Statewide All Permits	Median Alaska Age
1980	33.4	43.6	35.8	39.6	30.0
1981	34.0	43.4	36.0	39.5	30.0
1982	34.7	42.6	36.0	39.5	30.0
1983	34.6	41.8	35.7	39.6	31.0
1984	35.1	42.4	35.8	39.9	31.0
1985	35.7	42.7	36.3	40.1	31.0
1986	36.5	42.9	36.7	40.1	31.0
1987	36.9	43.5	37.0	40.4	32.0
1988	36.9	43.7	37.3	40.6	33.0
1989	37.6	44.4	38.0	41.0	33.0
1990	38.7	45.0	38.3	41.4	33.0
1991	39.3	45.3	38.9	41.9	34.0
1992	39.7	45.9	39.3	42.4	35.0
1993	40.8	46.5	39.9	43.0	35.0
1994	41.5	47.1	40.4	43.5	35.0
1995	42.6	47.5	41.0	43.9	36.0
1996	43.7	48.3	41.7	44.5	36.0
1997	44.6	48.9	42.0	45.0	37.0
1998	45.5	49.5	42.6	45.6	37.0
1999	46.5	49.9	43.1	46.1	37.0
2000	47.1	50.5	43.4	46.6	37.0
2001	47.7	50.9	44.1	47.0	38.0
2002	48.1	51.4	44.8	47.7	38.0
2003	48.7	52.0	45.5	48.4	38.0
2004	48.3	52.4	45.9	48.8	38.0
2005	48.1	52.9	46.0	49.3	39.0
2006	48.1	53.3	46.3	49.7	39.0
2007	48.1	53.8	46.8	50.1	39.0
2008	48.7	54.4	46.8	50.5	39.0
2009	49.0	55.1	47.3	51.1	38.0
2010	49.8	55.5	47.7	51.4	38.0
2011	50.8	56.0	48.2	51.8	38.0
2012	51.8	56.1	48.8	52.1	38.0
2013	53.2	56.1	49.0	52.4	38.0
2014	53.6	56.1	49.2	52.7	38.0
2015	54.5	56.6	49.6	53.3	38.0
2016	54.4	57.1	50.0	53.8	38.0
2017	52.3	57.5	50.4	54.2	37.0
2018	51.1	58.1	50.4	54.7	37.0
2019	51.3	58.5	50.8	54.8	37.0
2020	52.2	58.7	51.1	55.1	37.0
2021	53.0	59.0	51.4	55.3	37.0
2022	53.2	59.4	51.5	55.6	37.0
2023	53.2	59.8	51.8	56.0	37.0

- 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 10<sup>th</sup>. Age data from the CFEC permit file is as of December 31<sup>st</sup> 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	Standard Deviation
1987	4	\$79,200	\$2,700
1988	16	\$78,000	\$5,200
1989	2	\$86,000	\$20,000
1990	8	\$97,200	\$13,800
1991	4	\$112,800	\$6,500
1992	2	\$94,000	\$14,500
1993	6	\$105,900	\$51,000
1994	2	\$89,000	\$17,400
1995	5	\$101,000	\$13,000
1996	7	\$85,800	\$14,400
1997	5	\$67,500	\$5,200
1998	2	\$56,500	\$13,400
1999	2	\$62,400	\$12,400
2000	3	\$51,300	\$14,300
2001	2	\$41,700	\$6,500
2002	0	\$41,700	\$6,500
2003	2	\$15,600	\$3,200
2004	7	\$17,800	\$2,800
2005	8	\$21,000	\$1,900
2006	4	\$21,400	\$1,100
2007	10	\$24,800	\$2,000
2008	10	\$29,200	\$3,000
2009	3	\$25,900	\$4,500
2010	5	\$24,700	\$2,100
2011	5	\$24,600	\$2,200
2012	4	\$26,700	\$600
2013	2	\$26,700	\$400
2014	7	\$23,400	\$4,400
2015	4	\$24,500	\$700
2016	2	\$21,500	\$5,000
2017	0	\$21,500	\$5,000
2018	4	\$24,400	\$400
2019	0	\$24,400	\$400
2020	2	\$21,800	\$1,800
2021	3	\$17,600	\$3,300
2022	6	\$17,100	\$1,600
2023	4	\$15,500	\$800

- 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.
- Real permit values were calculated using the 2024 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 individuals to hold two salmon permits. In 2006, the Legislature passed House Bill 251, granting the Board of Fisheries authority to extend fishing privileges to a second permit. Beginning in 2012, the Alaska Board of Fisheries permitted “stacked permit” operations in the Yakutat salmon set gillnet fishery, enabling individuals to fish additional complements of gear using two permits. By contrast, “single permit” operations involve fishing only one complement of gear.

Accurately reporting the prevalence of stacked permit operations is challenging due to the transferability of S04D permits, which can change hands multiple times within a season. For instance, a fisher might begin as a single permit operation, then acquire a second permit midseason and switch to a stacked permit operation. In some cases, a second permit might be held temporarily through an Emergency Transfer, then replaced with a permanently held permit for the remainder of the season. Unlike other fisheries with stacked permit regulations, there is no registration database to track these operations, and stacked permit deliveries are not recorded on fish tickets.

Additionally, the use of stacked permits is typically restricted during the sockeye salmon season to address conservation concerns for Chinook salmon. Even when it is allowed, some fishers elect not to deploy an additional complement of gear due to crew or logistical limitations. Consequently, there is currently no practical method to track stacked permit deliveries in the S04D permit fishery.

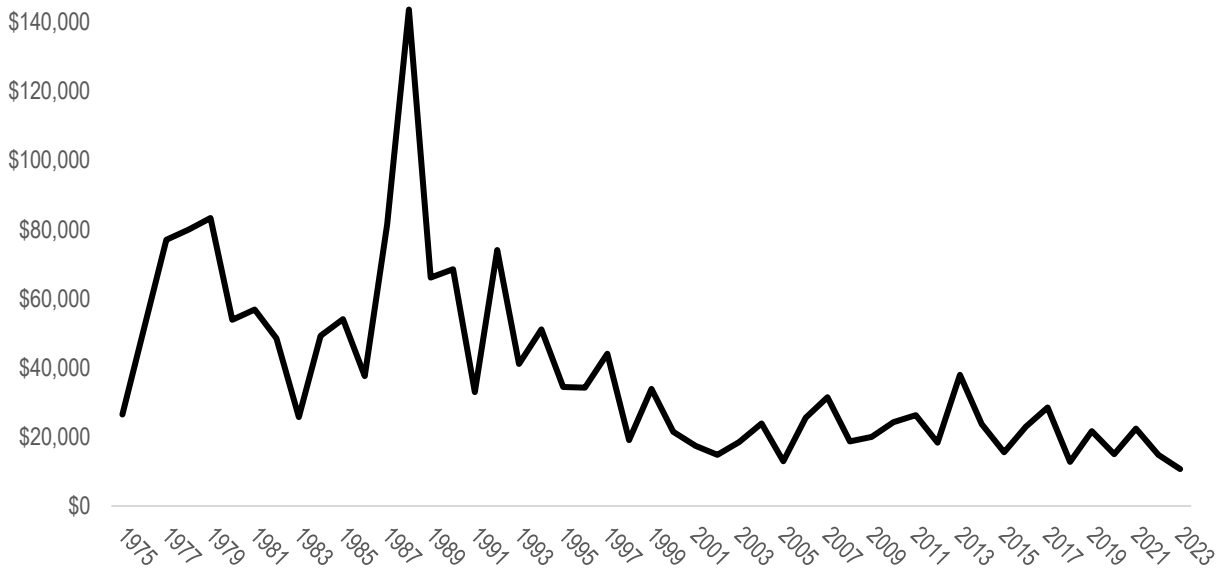
## Participation and Earnings

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 2024 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 3-9 reports the number of permits issued, permits with landings, and estimated gross earnings in the Yakutat salmon set gillnet fishery from 1975 to 2023. 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 3-10 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.

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



- Real earnings are adjusted for inflation using the 2024 U.S. Bureau of Labor Statistics Consumer Price Index.

**Table 3-9. Estimated Total Gross Earnings (Real and Nominal) for the Yakutat Salmon Set Gillnet Fishery, With Average Earnings (Real) by Permit, 1975-2023**

Year	Viable Permits	Total Gross Earnings	Permits With Landings	Average Real Earnings
1975	174	\$3,562,221	135	26,387
1976	156	\$6,906,545	133	51,929
1977	159	\$11,085,790	144	76,985
1978	163	\$12,315,156	154	79,969
1979	167	\$12,922,947	155	83,374
1980	167	\$8,561,908	159	53,848
1981	167	\$8,980,621	158	56,839
1982	164	\$7,140,427	147	48,574
1983	165	\$3,741,266	145	25,802
1984	164	\$6,883,580	140	49,168
1985	164	\$8,010,499	148	54,125
1986	164	\$5,785,155	154	37,566
1987	165	\$12,532,172	154	81,378
1988	165	\$22,838,927	159	143,641
1989	166	\$10,562,503	160	66,016
1990	166	\$10,834,276	158	68,571
1991	168	\$5,311,447	161	32,990
1992	170	\$11,770,322	159	74,027
1993	171	\$6,446,561	157	41,061
1994	171	\$7,650,916	150	51,006
1995	171	\$5,049,541	147	34,351
1996	171	\$4,761,986	139	34,259
1997	170	\$6,219,707	141	44,111
1998	170	\$2,696,993	142	18,993
1999	170	\$4,330,509	128	33,832
2000	170	\$2,687,869	125	21,503
2001	169	\$1,989,219	114	17,449
2002	167	\$1,279,312	87	14,705
2003	167	\$1,923,161	104	18,492
2004	168	\$2,676,824	112	23,900
2005	168	\$1,473,155	114	12,922
2006	167	\$2,654,889	104	25,528
2007	166	\$3,767,121	120	31,393
2008	165	\$2,389,510	128	18,668
2009	167	\$2,432,512	122	19,939
2010	167	\$3,070,684	127	24,179
2011	167	\$3,190,038	121	26,364
2012	168	\$2,077,577	113	18,386
2013	168	\$4,021,898	106	37,942
2014	168	\$2,776,268	117	23,729
2015	167	\$1,734,210	112	15,484
2016	167	\$2,496,204	109	22,901
2017	167	\$3,227,643	113	28,563
2018	166	\$1,297,931	102	12,725
2019	166	\$2,039,835	94	21,700
2020	167	\$1,365,739	91	15,008
2021	166	\$2,127,164	95	22,391
2022	167	\$1,120,579	76	14,744
2023	166	\$758,335	71	10,681

- Adjusted for inflation to 2024 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 3-10. Estimated Real Gross Earnings for Permit Holders in the Yakutat Salmon Set Gillnet Fishery by Resident Type, 1975-2023**

Year	Local Gross Earnings			Nonlocal Gross Earnings			Nonresident Gross Earnings			Total Gross Earnings		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	106	\$23,367	\$2,476,926	16	\$19,837	\$317,387	14	\$54,851	\$767,908	136	\$26,193	\$3,562,221
1976	111	\$43,595	\$4,839,002	12	\$57,720	\$692,637	15	\$91,660	\$1,374,907	138	\$50,047	\$6,906,545
1977	121	\$68,340	\$8,269,152	18	\$76,610	\$1,378,973	12	\$119,805	\$1,437,664	151	\$73,416	\$11,085,790
1978	121	\$67,521	\$8,170,072	18	\$97,813	\$1,760,631	19	\$125,498	\$2,384,453	158	\$77,944	\$12,315,156
1979	126	\$70,769	\$8,916,865	18	\$95,691	\$1,722,443	19	\$120,192	\$2,283,639	163	\$79,282	\$12,922,947
1980	121	\$50,821	\$6,149,396	23	\$55,918	\$1,286,124	17	\$66,258	\$1,126,388	161	\$53,180	\$8,561,908
1981	122	\$54,276	\$6,621,720	22	\$50,470	\$1,110,334	18	\$69,365	\$1,248,567	162	\$55,436	\$8,980,621
1982	111	\$46,568	\$5,169,054	17	\$35,420	\$602,145	20	\$68,461	\$1,369,228	148	\$48,246	\$7,140,427
1983	111	\$24,390	\$2,707,269	19	\$23,173	\$440,290	19	\$31,248	\$593,706	149	\$25,109	\$3,741,266
1984	109	\$48,655	\$5,303,432	16	\$53,605	\$857,688	19	\$38,024	\$722,461	144	\$47,803	\$6,883,580
1985	110	\$52,025	\$5,722,770	23	\$50,876	\$1,170,137	18	\$62,088	\$1,117,592	151	\$53,050	\$8,010,499
1986	108	\$35,987	\$3,886,643	25	\$44,646	\$1,116,159	22	\$35,561	\$782,353	155	\$37,324	\$5,785,155
1987	108	\$82,896	\$8,952,738	29	\$77,601	\$2,250,440	22	\$59,482	\$1,308,600	159	\$78,690	\$12,511,779
1988	109	\$139,729	\$15,230,412	34	\$135,727	\$4,614,709	25	\$119,752	\$2,993,806	168	\$135,946	\$22,838,927
1989	114	\$60,884	\$6,940,813	30	\$68,132	\$2,043,970	27	\$58,434	\$1,577,720	171	\$61,769	\$10,562,503
1990	114	\$63,869	\$7,281,075	27	\$69,850	\$1,885,959	26	\$64,125	\$1,667,242	167	\$64,876	\$10,834,276
1991	118	\$33,519	\$3,955,221	32	\$26,126	\$836,038	24	\$21,674	\$520,187	174	\$30,526	\$5,311,447
1992	120	\$65,693	\$7,883,102	25	\$80,873	\$2,021,837	27	\$69,088	\$1,865,383	172	\$68,432	\$11,770,322
1993	118	\$38,102	\$4,496,077	26	\$35,590	\$925,335	26	\$39,429	\$1,025,149	170	\$37,921	\$6,446,561
1994	106	\$49,499	\$5,246,935	22	\$52,313	\$1,150,886	27	\$46,411	\$1,253,094	155	\$49,361	\$7,650,916
1995	105	\$35,412	\$3,718,275	20	\$31,245	\$624,890	31	\$22,786	\$706,375	156	\$32,369	\$5,049,541
1996	103	\$34,964	\$3,601,329	18	\$27,522	\$495,397	29	\$22,940	\$665,259	150	\$31,747	\$4,761,986
1997	106	\$45,484	\$4,821,293	18	\$30,715	\$552,865	30	\$28,185	\$845,549	154	\$40,388	\$6,219,707
1998	102	\$19,019	\$1,939,952	14	\$20,383	\$285,363	34	\$13,873	\$471,679	150	\$17,980	\$2,696,993
1999	105	\$33,082	\$3,473,659	9	\$28,408	\$255,675	21	\$28,627	\$601,175	135	\$32,078	\$4,330,509
2000	89	\$20,424	\$1,817,723	15	\$21,427	\$321,410	26	\$20,946	\$544,605	130	\$20,644	\$2,683,739
2001	84	\$18,788	\$1,578,156	13	\$13,068	\$169,883	22	\$10,963	\$241,179	119	\$16,716	\$1,989,219
2002	64	\$16,638	\$1,064,834	9	\$5,588	\$50,290	17	\$9,658	\$164,188	90	\$14,215	\$1,279,312
2003	81	\$16,746	\$1,356,388	14	\$13,057	\$182,805	15	\$25,598	\$383,968	110	\$17,483	\$1,923,161
2004	78	\$24,677	\$1,924,806	11	\$22,119	\$243,314	27	\$18,841	\$508,703	116	\$23,076	\$2,676,824
2005	85	\$13,894	\$1,180,988	12	\$9,210	\$110,519	21	\$8,650	\$181,648	118	\$12,484	\$1,473,155
2006	82	\$25,393	\$2,082,199	11	\$26,504	\$291,539	15	\$18,743	\$281,151	108	\$24,582	\$2,654,889
2007	92	\$27,904	\$2,567,190	16	\$33,954	\$543,265	19	\$34,561	\$656,666	127	\$29,662	\$3,767,121
2008	99	\$19,223	\$1,903,059	11	\$26,618	\$292,796	21	\$9,222	\$193,655	131	\$18,241	\$2,389,510
2009	98	\$19,794	\$1,939,846	10	\$25,420	\$254,204	20	\$11,923	\$238,462	128	\$19,004	\$2,432,512

continued



**Table 3-10. Estimated Real Gross Earnings for Permit Holders in the Yakutat Salmon Set Gillnet Fishery by Resident Type, 1975-2023**

Year	Local Gross Earnings			Nonlocal Gross Earnings			Nonresident Gross Earnings			Total Gross Earnings		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
2010	100	\$24,886	\$2,488,649	13	\$19,848	\$258,019	19	\$17,053	\$324,016	132	\$23,263	\$3,070,684
2011	93	\$25,369	\$2,359,360	14	\$26,507	\$371,100	25	\$18,383	\$459,578	132	\$24,167	\$3,190,038
2012	83	\$19,436	\$1,613,185	16	\$10,117	\$161,865	16	\$18,908	\$302,527	115	\$18,066	\$2,077,577
2013	79	\$43,234	\$3,415,466	14	\$19,430	\$272,025	13	\$25,724	\$334,406	106	\$37,942	\$4,021,898
2014	85	\$24,722	\$2,101,338	19	\$17,781	\$337,842	13	\$25,930	\$337,088	117	\$23,729	\$2,776,268
2015	82	\$18,304	\$1,500,940	17	\$4,908	\$83,438	14	\$10,702	\$149,832	113	\$15,347	\$1,734,210
2016	78	\$27,168	\$2,119,089	16	\$12,432	\$198,916	15	\$11,880	\$178,199	109	\$22,901	\$2,496,204
2017	87	\$31,388	\$2,730,731	12	\$18,921	\$227,057	14	\$19,275	\$269,855	113	\$28,563	\$3,227,643
2018	76	\$14,738	\$1,120,062	13	\$5,107	\$66,389	11	\$10,135	\$111,480	100	\$12,979	\$1,297,931
2019	71	\$20,639	\$1,465,366	9	\$22,351	\$201,158	16	\$23,332	\$373,311	96	\$21,248	\$2,039,835
2020	71	\$15,014	\$1,066,024	10	\$12,702	\$127,016	9	\$19,189	\$172,699	90	\$15,175	\$1,365,739
2021	67	\$22,951	\$1,537,684	13	\$16,341	\$212,437	13	\$29,003	\$377,043	93	\$22,873	\$2,127,164
2022	61	\$15,808	\$964,299	10	\$11,548	\$115,477	5	\$8,161	\$40,803	76	\$14,744	\$1,120,579
2023	57	\$11,669	\$665,132	1-3	**	**	10	\$8,285	\$82,847	70	\$10,833	\$758,335

- Adjusted for inflation to 2024 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 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 2023 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		2023 YEAR-END	
	Total	Percent	Change	Percent Change	Change	Percent Change	Change	Percent Change	Total	Percentage
Local	1,956	90.5%	11	0.6%	-211	-10.8%	-1,018	-52.0%	738	85.2%
Nonlocal	52	2.4%	-55	-105.8%	120	230.8%	-82	-157.7%	35	4.0%
Nonresident	154	7.1%	44	28.6%	91	59.1%	-196	-127.3%	93	10.7%
<b>Total</b>	<b>2,162</b>	<b>100.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>-1,296</b>	<b>-59.9%</b>	<b>866</b>	<b>100.0%</b>

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 (93.9%, or 1,217/1,296) 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.<sup>5</sup> 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, 1982-2023**

Acquisition Method	S05B Permit		Combined Southeast Salmon		Statewide Salmon Troll		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	384	11.6%	1,657	17.0%	696	11.2%	14,043	32.8%
Sale	2,686	81.3%	7,377	75.8%	5,057	81.6%	24,955	58.3%
Trade	62	1.9%	148	1.5%	104	1.7%	540	1.3%
Inheritance	137	4.1%	394	4.1%	265	4.3%	1,956	4.6%
Other	35	1.1%	150	1.5%	77	1.2%	1,274	3.0%
<b>Total</b>	<b>3,304</b>		<b>9,726</b>		<b>6,199</b>		<b>42,768</b>	

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 1982 and 2023. More than four-fifths of all S05B permit transfers were sales (81.3%, or 2,686/3,304), about one in ten were transferred as gifts (11.6% or 384/3,304).

**Table 4-3. Relationships of Transferor to Transfer Recipients for Statewide Salmon Hand Troll Permits, 1982-2023**

Relationship	S05B Permit		Combined Southeast Salmon		Statewide Salmon Troll		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	705	21.3%	1,932	19.9%	931	15.0%	8,041	18.8%
Member of Immediate Family	555	16.8%	2,041	21.0%	3,165	51.1%	14,350	33.6%
Other Relative	68	2.1%	254	2.6%	112	1.8%	1,903	4.4%
Other	1,976	59.8%	5,499	56.5%	1,991	32.1%	18,474	43.2%
<b>Total</b>	<b>3,304</b>		<b>9,726</b>		<b>6,199</b>		<b>42,768</b>	

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 2023. Transfers within the family, both immediate family members and other relatives, total 18.9% (623/3,304) of all transfers. This compares to 23.6% (2,295/9,726) for all five Southeast Alaska salmon permit types combined, 52.9% (3,275/6,199) for statewide salmon troll permits, and 38% (16,253/42,768) for all limited entry permits statewide.

<sup>5</sup> CFEC implemented the transfer survey in 1980.

## Emergency Transfers of S05B Permits

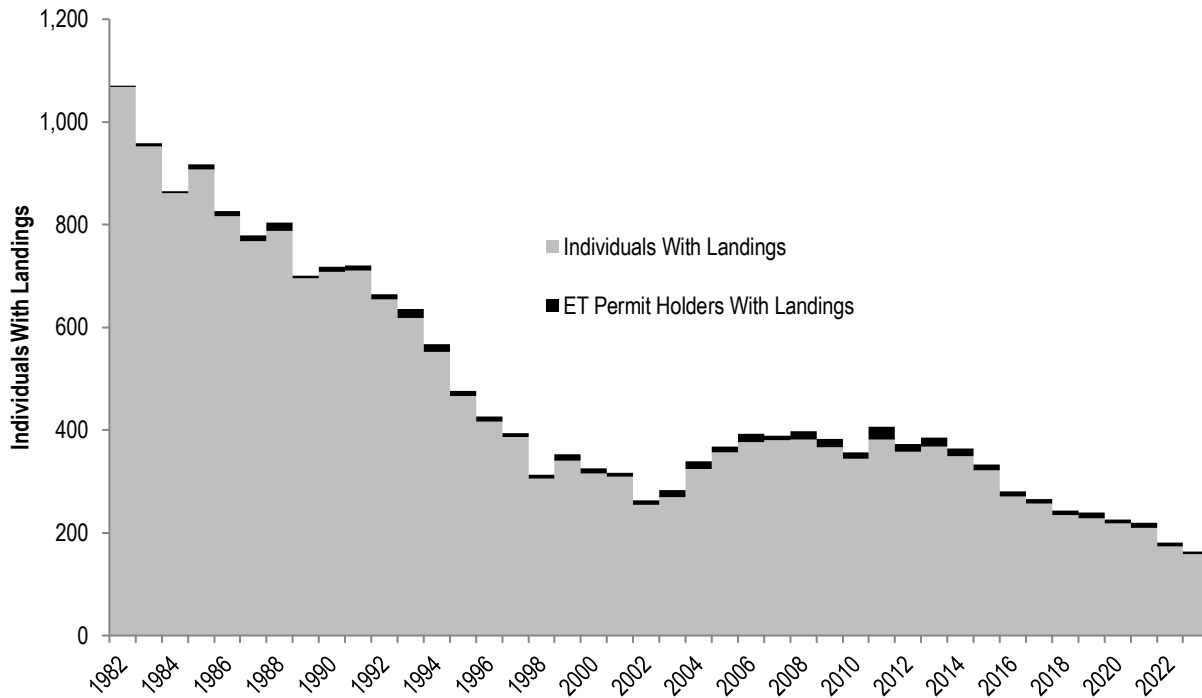
Commercial landings can be made with either permanently held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, 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, 1982-2023**

Year	Individuals With Landings	ET Permit Holders With Landings	ET Rate
1982	1,068	3	0.3%
1983	952	6	0.6%
1984	861	4	0.5%
1985	908	10	1.1%
1986	816	11	1.3%
1987	768	11	1.4%
1988	789	16	2.0%
1989	696	5	0.7%
1990	713	10	1.4%
1991	710	9	1.3%
1992	657	10	1.5%
1993	617	18	2.9%
1994	553	15	2.7%
1995	468	10	2.1%
1996	415	9	2.2%
1997	388	7	1.8%
1998	306	7	2.3%
1999	340	13	3.8%
2000	318	9	2.8%
2001	309	8	2.6%
2002	255	9	3.5%
2003	270	14	5.2%
2004	326	15	4.6%
2005	358	11	3.1%
2006	376	16	4.3%
2007	378	8	2.1%
2008	383	16	4.2%
2009	367	16	4.4%
2010	344	13	3.8%
2011	381	25	6.6%
2012	358	15	4.2%
2013	367	17	4.6%
2014	349	15	4.3%
2015	322	11	3.4%
2016	271	10	3.7%
2017	257	9	3.5%
2018	235	8	3.4%
2019	229	11	4.8%
2020	218	8	3.7%
2021	210	9	4.3%
2022	174	7	4.0%
2023	159	4	2.5%

Figure 4-1. Use of Emergency Transfer Permits in the Statewide Salmon Hand Troll Fishery, 1982-2023



### 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.

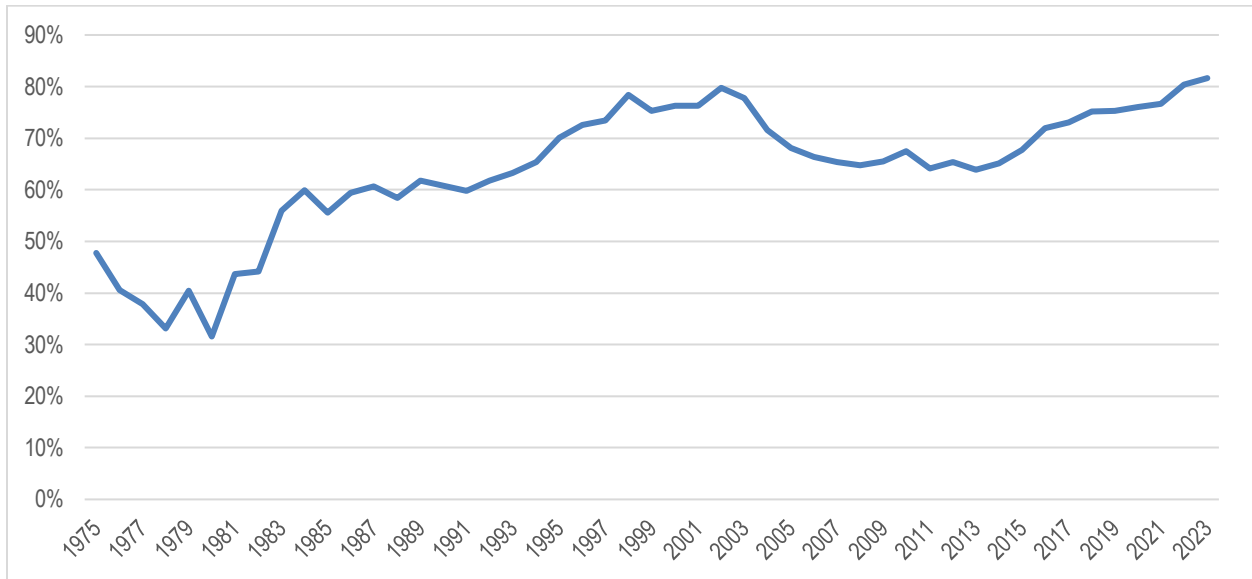
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

**Table 4-5. Statewide Salmon Hand Troll Permit Latency, 1982-2023**

Year	Permits		Latency Rate
	Issued	Fished	
1982	1,909	1,067	44.1%
1983	2,150	946	56.0%
1984	2,147	860	59.9%
1985	2,030	903	55.5%
1986	1,983	804	59.5%
1987	1,937	763	60.6%
1988	1,870	777	58.4%
1989	1,817	694	61.8%
1990	1,782	699	60.8%
1991	1,741	700	59.8%
1992	1,688	645	61.8%
1993	1,634	600	63.3%
1994	1,579	547	65.4%
1995	1,540	460	70.1%
1996	1,501	412	72.6%
1997	1,459	387	73.5%
1998	1,409	304	78.4%
1999	1,370	338	75.3%
2000	1,329	315	76.3%
2001	1,295	307	76.3%
2002	1,248	253	79.7%
2003	1,189	265	77.7%
2004	1,140	324	71.6%
2005	1,108	353	68.1%
2006	1,105	371	66.4%
2007	1,083	375	65.4%
2008	1,065	375	64.8%
2009	1,055	364	65.5%
2010	1,044	339	67.5%
2011	1,037	372	64.1%
2012	1,019	353	65.4%
2013	1,002	362	63.9%
2014	992	346	65.1%
2015	978	316	67.7%
2016	959	269	71.9%
2017	950	256	73.1%
2018	945	235	75.1%
2019	918	227	75.3%
2020	910	218	76.0%
2021	902	210	76.7%
2022	880	173	80.3%
2023	866	159	81.6%

- 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, 1982-2023



## 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.

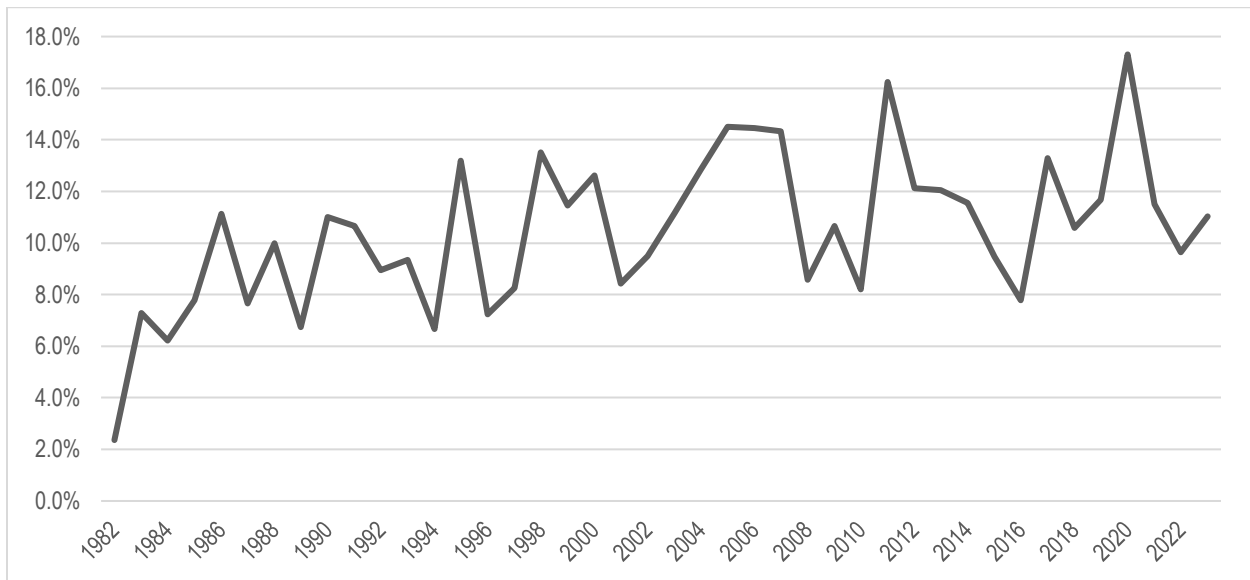
Table 4-6 and Figure 4-3 describe individuals rather than permits. An individual may hold up to two permits in this fishery but can only fish one of them. An individual may hold one S05B permit one year, and then in subsequent years hold a different S05B permit. Likewise, individuals may enter and exit 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, 1982-2023**

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%	2021	210	30	14.2%
1990	702	105	15.0%	2006	377	67	17.8%	2022	174	23	13.2%
1991	704	93	13.2%	2007	379	67	17.7%	2023	159	19	11.9%
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%				

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

**Figure 4-3. New Entrants into the Statewide Salmon Hand Troll Fishery, 1975-2023**





## Age of S05B Permit Holders

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

Year	S05B	Combined SE Salmon	Statewide Troll Permits	Statewide All Permits	AK Worker Median Age
1982	41.5	42.6	43.7	39.5	30.0
1983	40.7	41.8	42.2	39.6	31.0
1984	41.7	42.4	42.9	39.9	31.0
1985	42.6	42.7	43.5	40.1	31.0
1986	43.1	42.9	43.8	40.1	31.0
1987	44.0	43.5	44.5	40.4	32.0
1988	44.5	43.7	44.8	40.6	33.0
1989	45.3	44.4	45.3	41.0	33.0
1990	46.2	45.0	46.1	41.4	33.0
1991	46.6	45.3	46.6	41.9	34.0
1992	47.4	45.9	47.4	42.4	35.0
1993	48.0	46.5	48.0	43.0	35.0
1994	48.5	47.1	48.6	43.5	35.0
1995	48.7	47.5	48.6	43.9	36.0
1996	49.5	48.3	49.6	44.5	36.0
1997	50.1	48.9	50.2	45.0	37.0
1998	50.9	49.5	51.0	45.6	37.0
1999	51.1	49.9	51.5	46.1	37.0
2000	51.8	50.5	51.9	46.6	37.0
2001	52.5	50.9	52.5	47.0	38.0
2002	53.2	51.4	53.2	47.7	38.0
2003	53.6	52.0	53.8	48.4	38.0
2004	53.6	52.4	53.7	48.8	38.0
2005	54.2	52.9	54.1	49.3	39.0
2006	54.7	53.3	54.4	49.7	39.0
2007	55.2	53.8	54.9	50.1	39.0
2008	55.9	54.4	55.5	50.5	39.0
2009	56.9	55.1	56.3	51.1	38.0
2010	57.8	55.5	57.0	51.4	38.0
2011	58.4	56.0	57.3	51.8	38.0
2012	58.8	56.1	57.5	52.1	38.0
2013	59.1	56.1	58.0	52.4	38.0
2014	59.4	56.1	58.2	52.7	38.0
2015	60.0	56.6	58.7	53.3	38.0
2016	60.5	57.1	59.2	53.8	38.0
2017	60.9	57.5	59.6	54.2	37.0
2018	61.8	58.1	60.2	54.7	37.0
2019	62.1	58.5	60.4	54.8	37.0
2020	61.9	58.7	60.8	55.1	37.0
2021	62.2	59.0	61.0	55.3	37.0
2022	62.7	59.4	61.6	55.6	37.0
2023	63.4	59.8	62.1	56.0	37.0

- 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 10<sup>th</sup>. Age data from the CFEC permit file is as of December 31<sup>st</sup> 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 7 years between 1982 and 2023. The ages over the same period for all CFEC permit holders increased by 16.5 years, and 21.9 years for the statewide salmon hand and power troll permit holders combined, and 17.2 years for the combined Southeast Alaska salmon permit holders.

For S05B permit holders, the median age increased 21.9 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, 1987-2023**

Year	Hand Troll Permit Sales	Permit Value	Standard Deviation
1987	90	\$14,700	\$1,100
1988	96	\$16,400	\$2,000
1989	62	\$18,000	\$1,900
1990	90	\$17,700	\$1,500
1991	80	\$18,400	\$1,700
1992	68	\$18,200	\$2,100
1993	52	\$15,900	\$1,200
1994	59	\$14,900	\$1,000
1995	77	\$14,700	\$1,200
1996	38	\$11,200	\$1,500
1997	52	\$10,100	\$900
1998	41	\$8,700	\$800
1999	54	\$7,000	\$600
2000	55	\$7,200	\$1,000
2001	56	\$6,900	\$600
2002	30	\$6,200	\$1,000
2003	60	\$5,600	\$600
2004	44	\$6,500	\$1,500
2005	66	\$11,200	\$1,300
2006	76	\$12,800	\$1,300
2007	72	\$13,700	\$1,300
2008	57	\$13,800	\$1,200
2009	57	\$14,700	\$900
2010	48	\$13,500	\$800
2011	80	\$13,900	\$1,100
2012	63	\$14,200	\$900
2013	55	\$13,200	\$700
2014	71	\$13,700	\$900
2015	30	\$13,900	\$800
2016	35	\$12,800	\$1,100
2017	38	\$12,300	\$600
2018	26	\$11,100	\$900
2019	24	\$10,200	\$700
2020	40	\$9,300	\$600
2021	43	\$9,800	\$900
2022	34	\$10,400	\$700
2023	25	\$8,500	\$800

- 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](https://www.cfec.state.ak.us/pmtvalue/pre1987_main.htm) for details..
- Real permit values were calculated using the 2024 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 1982. 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, 1982-2023**

Year	Vessel Count	Age				Length in Feet				Net Tons				Horsepower				Hold Capacity (ft <sup>3</sup> )			
		Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%
1982	1,115	956	5	10	20	992	19	24	29	420	1	5	10	384	1	4	8	932	60	120	188
1983	1,009	888	6	11	24	915	19	24	30	393	2	5	10	364	2	4	8	887	54	115	185
1984	899	798	7	12	24	817	19	24	30	374	2	5	11	367	2	5	8	797	60	115	188
1985	955	849	7	12	25	872	20	25	31	398	3	6	11	383	2	5	9	851	60	115	188
1986	873	797	8	14	24	818	20	26	31	382	3	6	11	377	2	5	8	798	65	115	188
1987	817	769	9	14	26	784	21	26	31	375	3	7	12	377	2	5	8	764	69	115	189
1988	829	789	10	15	26	798	21	26	32	409	3	7	12	395	2	5	9	779	73	120	190
1989	724	701	10	15	27	706	21	26	32	373	4	8	12	350	3	5	9	690	70	120	193
1990	793	731	11	17	28	737	21	26	32	397	4	8	12	380	3	5	10	722	70	120	200
1991	828	737	11	17	27	744	21	26	32	399	4	8	12	383	3	6	9	731	70	120	188
1992	743	676	12	18	30	681	21	27	33	386	4	8	13	367	3	6	10	668	70	120	188
1993	697	627	13	20	33	632	21	27	32	354	4	9	13	333	4	6	10	618	66	120	185
1994	620	576	12	20	31	580	21	27	32	312	4	9	13	291	3	6	10	563	70	120	197
1995	478	473	13	21	34	475	22	28	33	254	5	9	13	244	3	6	9	459	70	120	190
1996	430	418	13	22	33	420	22	28	34	229	5	9	13	220	4	6	9	406	73	123	200
1997	400	389	15	24	35	393	22	27	32	211	5	8	12	197	3	6	9	380	60	115	195
1998	308	305	15	24	35	307	22	26	32	173	4	8	12	164	2	5	9	299	60	120	200
1999	343	337	14	22	31	340	22	26	32	177	4	8	12	168	3	6	10	333	70	120	200
2000	319	313	14	22	30	317	21	26	32	163	4	8	12	155	2	6	9	308	70	120	200
2001	323	311	12	22	31	316	20	25	32	157	3	8	12	143	2	6	9	306	60	118	200
2002	253	248	12	22	30	251	20	25	32	125	3	7	12	111	2	5	9	246	60	118	200
2003	271	269	13	23	31	270	21	25	31	124	4	7	12	115	2	6	10	265	65	120	200
2004	337	335	13	23	31	336	20	25	31	157	3	8	12	144	2	6	10	328	70	140	210
2005	369	364	13	24	32	366	21	25	32	182	3	8	12	162	2	6	10	358	75	133	210
2006	383	372	13	25	33	379	20	25	32	176	4	8	15	156	3	6	11	367	75	130	213
2007	387	380	13	25	34	383	21	26	32	187	3	8	14	165	3	6	10	369	75	130	210
2008	396	394	14	26	34	396	21	26	32	202	4	9	15	182	3	7	11	383	70	120	218
2009	376	371	14	26	35	376	21	26	32	192	3	8	15	169	3	6	10	358	75	130	225
2010	345	342	15	29	36	345	21	26	32	173	4	9	14	156	3	7	11	325	76	140	225
2011	384	381	15	28	37	384	21	26	32	192	4	9	14	176	3	7	10	360	76	150	240
2012	360	357	15	28	38	360	22	26	32	185	4	9	13	175	3	6	10	333	85	150	250
2013	373	370	18	31	39	373	22	27	32	187	4	9	14	179	3	7	11	347	88	150	250
2014	355	353	18	30	38	355	22	26	31	180	4	8	13	169	3	5	10	333	90	165	250
2015	331	327	17	29	38	329	21	26	32	168	4	9	14	158	3	6	10	308	85	150	250
2016	272	269	17	28	38	272	22	26	32	132	4	10	15	125	3	5	10	252	90	176	260
2017	260	257	17	28	38	260	22	25	30	125	3	7	14	117	2	5	10	239	85	176	250
2018	246	244	19	29	40	246	22	25	31	111	4	10	15	109	2	5	11	219	90	150	250
2019	235	230	20	33	41	231	21	25	31	104	4	10	16	104	2	5	12	211	100	170	250
2020	220	220	19	30	41	220	21	25	31	94	4	10	15	92	3	6	11	201	115	200	300
2021	218	218	18	29	42	218	20	25	29	92	3	7	15	83	2	5	10	193	115	200	270
2022	177	177	18	30	43	177	21	24	30	70	3	7	15	67	2	5	10	158	115	210	300
2023	162	160	19	30	43	160	22	25	30	61	3	8	15	61	3	5	10	142	120	210	300

- Mean values include every vessel used in this fishery from 1982 to 2023.

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 1982.

**Table 4-10. Additional Statewide Salmon Hand Troll Vessel Characteristics, 1982-2023**

Year	Vessel Count	Count	Engine Power				Count	Hull Material							
			Diesel		Gas			Aluminum		Fiberglass		Steel		Wood	
1982	1,115	988	278	28.1%	710	71.9%	985	63	6.4%	552	56.0%	10	1.0%	358	36.3%
1983	1,009	908	301	33.1%	607	66.9%	910	48	5.3%	505	55.5%	8	0.9%	349	38.4%
1984	899	816	288	35.3%	528	64.7%	815	53	6.5%	450	55.2%	13	1.6%	298	36.6%
1985	955	868	324	37.3%	544	62.7%	868	44	5.1%	488	56.2%	7	0.8%	326	37.6%
1986	873	808	324	40.1%	484	59.9%	814	51	6.3%	458	56.3%	7	0.9%	295	36.2%
1987	817	773	321	41.5%	452	58.5%	780	44	5.6%	438	56.2%	7	0.9%	289	37.1%
1988	829	792	344	43.4%	448	56.6%	795	46	5.8%	451	56.7%	8	1.0%	286	36.0%
1989	724	701	329	46.9%	372	53.1%	705	47	6.7%	411	58.3%	5	0.7%	239	33.9%
1990	793	734	346	47.1%	388	52.9%	734	54	7.4%	403	54.9%	9	1.2%	265	36.1%
1991	828	742	359	48.4%	383	51.6%	742	67	9.0%	414	55.8%	9	1.2%	250	33.7%
1992	743	680	359	52.8%	321	47.2%	677	64	9.5%	362	53.5%	13	1.9%	235	34.7%
1993	697	630	332	52.7%	298	47.3%	627	68	10.8%	321	51.2%	7	1.1%	229	36.5%
1994	620	575	314	54.6%	261	45.4%	577	58	10.1%	308	53.4%	5	0.9%	200	34.7%
1995	478	467	268	57.4%	199	42.6%	475	49	10.3%	258	54.3%	3	0.6%	162	34.1%
1996	430	415	247	59.5%	168	40.5%	420	47	11.2%	232	55.2%	1	0.2%	138	32.9%
1997	400	390	226	57.9%	164	42.1%	393	46	11.7%	214	54.5%	4	1.0%	127	32.3%
1998	308	305	171	56.1%	134	43.9%	306	35	11.4%	170	55.6%	2	0.7%	96	31.4%
1999	343	338	183	54.1%	155	45.9%	339	51	15.0%	196	57.8%	4	1.2%	86	25.4%
2000	319	316	158	50.0%	158	50.0%	317	54	17.0%	193	60.9%	4	1.3%	64	20.2%
2001	323	315	140	44.4%	175	55.6%	315	66	21.0%	187	59.4%	4	1.3%	56	17.8%
2002	253	251	114	45.4%	137	54.6%	250	54	21.6%	154	61.6%	3	1.2%	39	15.6%
2003	271	269	122	45.4%	147	54.6%	269	55	20.4%	166	61.7%	2	0.7%	46	17.1%
2004	337	334	137	41.0%	197	59.0%	333	74	22.2%	220	66.1%	2	0.6%	37	11.1%
2005	369	364	147	40.4%	217	59.6%	365	77	21.1%	240	65.8%	2	0.5%	46	12.6%
2006	383	373	152	40.8%	221	59.2%	377	94	24.9%	232	61.5%	3	0.8%	48	12.7%
2007	387	381	160	42.0%	221	58.0%	379	93	24.5%	241	63.6%	2	0.5%	43	11.3%
2008	396	393	173	44.0%	220	56.0%	390	99	25.4%	241	61.8%	3	0.8%	47	12.1%
2009	376	372	155	41.7%	217	58.3%	375	101	26.9%	229	61.1%	2	0.5%	42	11.2%
2010	345	344	152	44.2%	192	55.8%	344	87	25.3%	213	61.9%	2	0.6%	41	11.9%
2011	384	384	166	43.2%	218	56.8%	383	109	28.5%	227	59.3%	3	0.8%	44	11.5%
2012	360	359	157	43.7%	202	56.3%	358	97	27.1%	217	60.6%	3	0.8%	41	11.5%
2013	373	371	176	47.4%	195	52.6%	373	91	24.4%	236	63.3%	3	0.8%	43	11.5%
2014	355	354	150	42.4%	204	57.6%	355	95	26.8%	224	63.1%	1	0.3%	35	9.9%
2015	331	327	136	41.6%	191	58.4%	329	95	28.9%	199	60.5%	4	1.2%	31	9.4%
2016	272	270	112	41.5%	158	58.5%	272	84	30.9%	161	59.2%	1	0.4%	26	9.6%
2017	260	259	100	38.6%	159	61.4%	260	80	30.8%	157	60.4%	2	0.8%	21	8.1%
2018	246	244	94	38.5%	150	61.5%	246	82	33.3%	145	58.9%	3	1.2%	15	6.1%
2019	235	229	85	37.1%	144	62.9%	231	77	33.3%	135	58.4%	3	1.3%	15	6.5%
2020	220	218	77	35.3%	141	64.7%	220	80	36.4%	132	60.0%	1	0.5%	7	3.2%
2021	218	217	65	30.0%	152	70.0%	218	94	43.1%	114	52.3%	2	0.9%	8	3.7%
2022	177	175	49	28.0%	126	72.0%	177	75	42.4%	96	54.2%	1	0.6%	5	2.8%
2023	162	159	45	28.3%	114	71.7%	160	71	44.4%	86	53.8%	0	0.0%	3	1.9%

• Mean values include every vessel used in this fishery from 1982 to 2023.

## 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 2024 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 1982 to 2023. 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.

**Figure 4-4. Estimated Real Average Gross Earnings Per Statewide Salmon Hand Troll Permit, 1975-2023**



- Real earnings are adjusted for inflation using the 2024 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, 1975-2023**

Year	Permits	Total Gross Earnings	Permits With Landings	Average Earnings	Vessels With Landings	Average Vessel Earnings
1982	1,909	\$13,072,359	1,067	\$12,252	1,115	\$11,724
1983	2,150	\$7,757,107	946	\$8,200	1,009	\$7,688
1984	2,147	\$11,731,912	860	\$13,642	899	\$13,050
1985	2,030	\$11,340,856	903	\$12,559	955	\$11,875
1986	1,983	\$11,304,565	804	\$14,060	873	\$12,949
1987	1,937	\$10,191,627	763	\$13,357	817	\$12,474
1988	1,870	\$12,224,587	777	\$15,733	829	\$14,746
1989	1,817	\$7,854,754	694	\$11,318	724	\$10,849
1990	1,782	\$10,293,756	699	\$14,726	793	\$12,981
1991	1,741	\$8,218,659	700	\$11,741	828	\$9,926
1992	1,688	\$8,378,422	645	\$12,990	743	\$11,276
1993	1,634	\$6,770,344	600	\$11,284	697	\$9,714
1994	1,579	\$9,380,845	547	\$17,150	620	\$15,130
1995	1,540	\$3,005,848	460	\$6,534	478	\$6,288
1996	1,501	\$3,142,748	412	\$7,628	430	\$7,309
1997	1,459	\$2,804,803	387	\$7,248	400	\$7,012
1998	1,409	\$1,843,133	304	\$6,063	308	\$5,984
1999	1,370	\$2,642,195	338	\$7,817	343	\$7,703
2000	1,329	\$1,487,892	315	\$4,723	319	\$4,664
2001	1,295	\$1,781,946	307	\$5,804	323	\$5,517
2002	1,248	\$1,099,539	253	\$4,346	253	\$4,346
2003	1,189	\$1,446,571	265	\$5,459	271	\$5,338
2004	1,140	\$2,827,993	324	\$8,728	337	\$8,392
2005	1,108	\$2,667,072	353	\$7,555	369	\$7,228
2006	1,105	\$3,098,256	371	\$8,351	383	\$8,089
2007	1,083	\$3,115,415	375	\$8,308	387	\$8,050
2008	1,065	\$4,220,729	375	\$11,255	396	\$10,658
2009	1,055	\$2,147,462	364	\$5,900	376	\$5,711
2010	1,044	\$3,016,461	339	\$8,898	345	\$8,743
2011	1,037	\$3,075,598	372	\$8,268	384	\$8,009
2012	1,019	\$2,403,077	353	\$6,808	360	\$6,675
2013	1,002	\$3,916,320	362	\$10,819	373	\$10,500
2014	992	\$3,241,585	346	\$9,369	355	\$9,131
2015	978	\$1,722,155	316	\$5,450	331	\$5,203
2016	959	\$1,771,584	269	\$6,586	272	\$6,513
2017	950	\$2,296,836	256	\$8,972	260	\$8,834
2018	945	\$1,483,057	235	\$6,311	246	\$6,029
2019	918	\$1,098,751	227	\$4,840	235	\$4,676
2020	910	\$900,826	218	\$4,132	220	\$4,095
2021	902	\$1,332,132	210	\$6,343	218	\$6,111
2022	880	\$762,461	173	\$4,407	177	\$4,308
2023	866	\$692,962	159	\$4,358	162	\$4,278

- Adjusted for inflation to 2024 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, 1975-2023**

Year	Local Gross Earnings			Nonlocal Gross Earnings			Nonresident Gross Earnings			Total Gross Earnings		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1982	990	\$11,579	\$11,463,247	13	\$12,395	\$161,141	65	\$22,276	\$1,447,971	1,068	\$12,240	\$13,072,359
1983	877	\$7,928	\$6,953,021	17	\$10,182	\$173,095	58	\$10,879	\$630,991	952	\$8,148	\$7,757,107
1984	800	\$13,344	\$10,675,586	7	\$14,980	\$104,858	54	\$17,620	\$951,467	861	\$13,626	\$11,731,912
1985	828	\$12,314	\$10,196,396	12	\$8,953	\$107,437	68	\$15,250	\$1,037,023	908	\$12,490	\$11,340,856
1986	747	\$13,256	\$9,902,324	11	\$12,827	\$141,095	58	\$21,744	\$1,261,146	816	\$13,854	\$11,304,565
1987	683	\$12,663	\$8,649,049	12	\$13,683	\$164,199	73	\$18,882	\$1,378,378	768	\$13,270	\$10,191,627
1988	695	\$14,352	\$9,974,448	20	\$24,681	\$493,616	73	\$24,062	\$1,756,522	788	\$15,513	\$12,224,587
1989	610	\$10,704	\$6,529,422	16	\$8,102	\$129,636	70	\$17,081	\$1,195,696	696	\$11,286	\$7,854,754
1990	637	\$14,135	\$9,004,252	15	\$13,433	\$201,495	56	\$19,429	\$1,088,008	708	\$14,539	\$10,293,756
1991	638	\$11,280	\$7,196,800	15	\$11,298	\$169,472	57	\$14,954	\$852,388	710	\$11,576	\$8,218,659
1992	580	\$12,815	\$7,432,788	13	\$12,493	\$162,405	62	\$12,633	\$783,229	655	\$12,791	\$8,378,422
1993	556	\$10,793	\$6,000,747	16	\$12,115	\$193,838	46	\$12,517	\$575,760	618	\$10,955	\$6,770,344
1994	498	\$17,050	\$8,490,710	11	\$12,321	\$135,533	43	\$17,549	\$754,602	552	\$16,994	\$9,380,845
1995	416	\$6,431	\$2,675,500	10	\$3,415	\$34,152	40	\$7,405	\$296,196	466	\$6,450	\$3,005,848
1996	375	\$7,512	\$2,817,088	10	\$2,469	\$24,694	31	\$9,709	\$300,966	416	\$7,555	\$3,142,748
1997	346	\$7,147	\$2,472,788	10	\$3,369	\$33,687	31	\$9,624	\$298,329	387	\$7,248	\$2,804,803
1998	273	\$5,855	\$1,598,546	5	\$1,812	\$9,060	28	\$8,412	\$235,527	306	\$6,023	\$1,843,133
1999	310	\$7,419	\$2,300,010	5	\$4,456	\$22,281	25	\$12,796	\$319,903	340	\$7,771	\$2,642,195
2000	284	\$4,479	\$1,272,110	4	\$2,415	\$9,661	28	\$7,361	\$206,121	316	\$4,709	\$1,487,892
2001	281	\$5,857	\$1,645,830	7	\$1,202	\$8,417	21	\$6,081	\$127,699	309	\$5,767	\$1,781,946
2002	232	\$4,294	\$996,268	'1-3	Confidential	Confidential	20	Confidential	Confidential	254	\$4,329	\$1,099,539
2003	249	\$5,292	\$1,317,725	'1-3	Confidential	Confidential	19	Confidential	Confidential	270	\$5,358	\$1,446,571
2004	297	\$8,979	\$2,666,621	4	\$710	\$2,840	23	\$6,893	\$158,531	324	\$8,728	\$2,827,993
2005	314	\$7,688	\$2,413,965	9	\$1,538	\$13,841	34	\$7,037	\$239,266	357	\$7,471	\$2,667,072
2006	342	\$8,245	\$2,819,664	11	\$7,253	\$79,778	24	\$8,284	\$198,815	377	\$8,218	\$3,098,256
2007	336	\$8,294	\$2,786,767	11	\$6,370	\$70,071	33	\$7,836	\$258,577	380	\$8,198	\$3,115,415
2008	339	\$11,146	\$3,778,382	7	\$21,385	\$149,693	36	\$8,129	\$292,654	382	\$11,049	\$4,220,729
2009	320	\$5,940	\$1,900,881	10	\$6,601	\$66,005	37	\$4,880	\$180,576	367	\$5,851	\$2,147,462
2010	305	\$8,752	\$2,669,283	5	\$20,409	\$102,047	34	\$7,210	\$245,132	344	\$8,769	\$3,016,461
2011	333	\$8,345	\$2,779,041	9	\$8,047	\$72,423	39	\$5,747	\$224,133	381	\$8,072	\$3,075,598
2012	320	\$6,998	\$2,239,313	6	\$2,946	\$17,679	32	\$4,565	\$146,085	358	\$6,713	\$2,403,077
2013	331	\$10,856	\$3,593,494	6	\$4,186	\$25,119	31	\$9,603	\$297,707	368	\$10,642	\$3,916,320
2014	314	\$9,436	\$2,962,795	5	\$11,656	\$58,279	30	\$7,350	\$220,511	349	\$9,288	\$3,241,585
2015	283	\$5,588	\$1,581,351	8	\$6,696	\$53,565	31	\$2,814	\$87,239	322	\$5,348	\$1,722,155
2016	246	\$6,552	\$1,611,814	6	\$8,868	\$53,209	19	\$5,609	\$106,562	271	\$6,537	\$1,771,584
2017	226	\$8,856	\$2,001,510	10	\$9,905	\$99,052	21	\$9,346	\$196,274	257	\$8,937	\$2,296,836
2018	220	\$6,065	\$1,334,227	6	\$14,221	\$85,324	9	\$7,056	\$63,506	235	\$6,311	\$1,483,057
2019	204	\$4,787	\$976,499	7	\$8,201	\$57,406	17	\$3,814	\$64,846	228	\$4,819	\$1,098,751
2020	199	\$4,116	\$819,128	4	\$7,792	\$31,166	15	\$3,369	\$50,532	218	\$4,132	\$900,826
2021	193	\$6,131	\$1,183,339	5	\$16,125	\$80,627	12	\$5,680	\$68,166	210	\$6,343	\$1,332,132
2022	159	\$4,151	\$660,021	5	\$15,007	\$75,033	10	\$2,741	\$27,407	174	\$4,382	\$762,461
2023	146	\$4,166	\$608,247	4	\$5,899	\$23,598	9	\$6,791	\$61,118	159	\$4,358	\$692,962

- Adjusted for inflation to 2024 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 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 2023 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		2023 YEAR-END	
	Total	Percent	Change	Percent Change	Change	Percent Change	Change	Percent Change	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%
<b>Total</b>	<b>972</b>	<b>100.0%</b>	<b>0</b>		<b>0</b>		<b>-12</b>	<b>-1.2%</b>	<b>960</b>	<b>100.0%</b>

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. 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, 1980-2023**

Acquisition Method	S15B Permit		Combined Southeast Salmon		Statewide Salmon Troll		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	312	10.8%	1,657	17.0%	696	11.2%	14,043	32.8%
Sale	2,371	81.9%	7,377	75.8%	5,057	81.6%	24,955	58.3%
Trade	42	1.5%	148	1.5%	104	1.7%	540	1.3%
Inheritance	128	4.4%	394	4.1%	265	4.3%	1,956	4.6%
Other	42	1.5%	150	1.5%	77	1.2%	1,274	3.0%
<b>Total</b>	<b>2,895</b>		<b>9,726</b>		<b>6,199</b>		<b>42,768</b>	

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 2023. More than four-fifths of all S15B permit transfers were sales (81.9%, or 2,371/2,895), about one in eight were transferred as gifts (10.8% or 312/2,895), and a smaller percentage were trades (1.5% or 42/2,895) or other (5.9% or 170/2,895).

**Table 5-3. Relationships of Transferor to Transfer Recipients for Statewide Salmon Power Troll Permits, 1980-2023**

Relationship	S15B Permit		Combined Southeast Salmon		Statewide Salmon Troll		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	547	18.9%	1,932	19.9%	931	15.0%	8,041	18.8%
Member of Immediate Family	479	16.5%	2,041	21.0%	3,165	51.1%	14,350	33.6%
Other Relative	50	1.7%	254	2.6%	112	1.8%	1,903	4.4%
Other	1,819	62.8%	5,499	56.5%	1,991	32.1%	18,474	43.2%
<b>Total</b>	<b>2,895</b>		<b>9,726</b>		<b>6,199</b>		<b>42,768</b>	

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 2023. Transfers within the family, both immediate family members and other relatives, total 18.3% (529/2,895) of all transfers. This compares to 18.6% (1,152/6,199) for all five Southeast Alaska salmon permit types combined, 18.3% (529/2,895) for statewide hand and power troll permits, and 38% (16,253/42,768) for all limited entry permits statewide.

## Emergency Transfers of S15B Permits

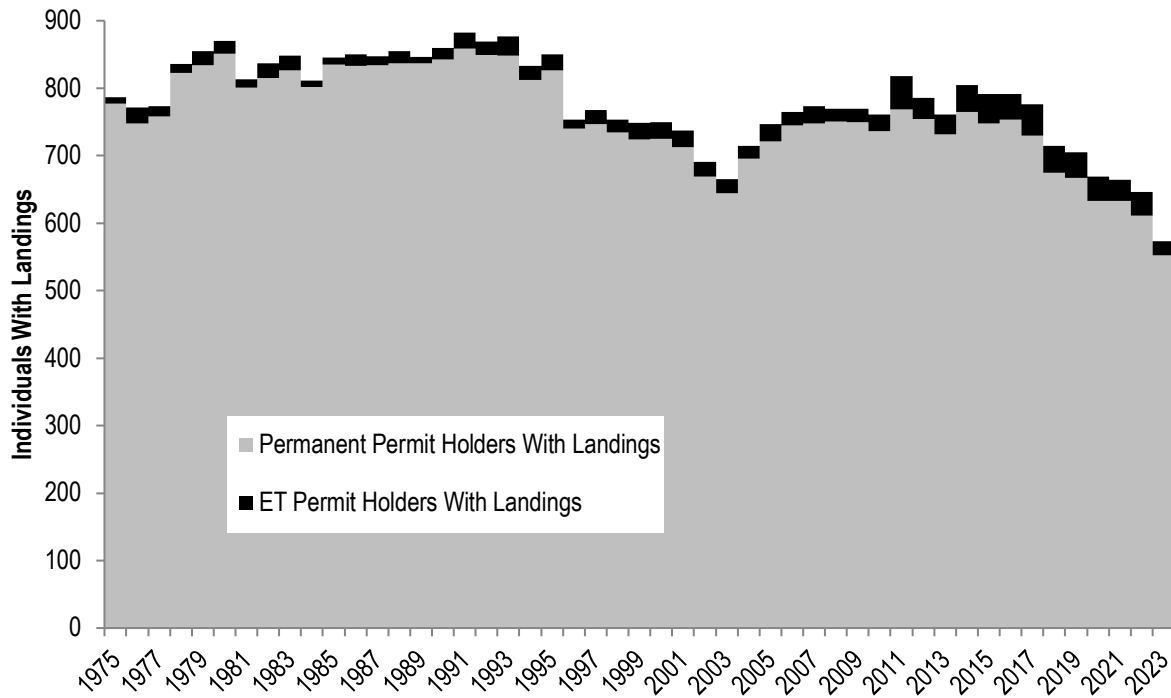
Commercial landings can be made with either permanently held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected, 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, 1975-2023**

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	826	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	725	25	3.4%
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%
2021	633	31	4.9%
2022	611	35	5.7%
2023	552	21	3.8%

Figure 5-1. Use of Emergency Transfer Permits in the Statewide Salmon Power Troll, 1975-2023



## 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.

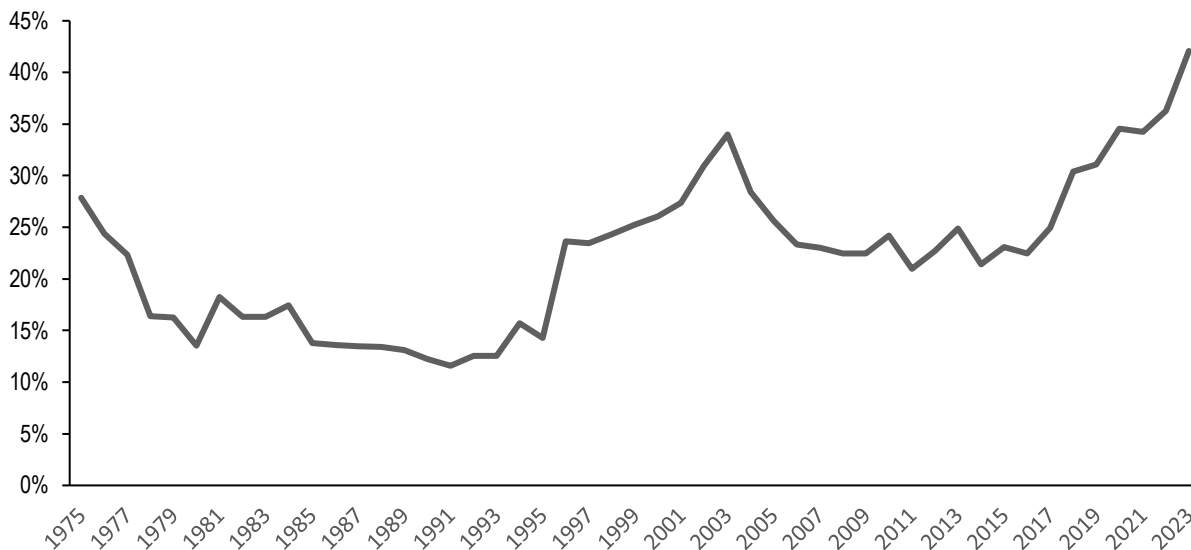
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

**Table 5-5. Statewide Salmon Power Troll Permit Latency, 1975-2023**

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	1,049	757	27.8%	1992	957	837	12.5%	2009	961	745	22.5%
1976	979	740	24.4%	1993	956	836	12.6%	2010	962	729	24.2%
1977	966	750	22.4%	1994	954	804	15.7%	2011	962	760	21.0%
1978	976	816	16.4%	1995	954	818	14.3%	2012	961	743	22.7%
1979	978	819	16.3%	1996	965	737	23.6%	2013	961	722	24.9%
1980	974	842	13.6%	1997	967	740	23.5%	2014	962	756	21.4%
1981	970	793	18.2%	1998	967	732	24.3%	2015	962	740	23.1%
1982	968	810	16.3%	1999	965	721	25.3%	2016	961	745	22.5%
1983	968	810	16.3%	2000	963	712	26.1%	2017	961	721	25.0%
1984	963	795	17.4%	2001	965	701	27.4%	2018	961	669	30.4%
1985	963	830	13.8%	2002	965	666	31.0%	2019	959	661	31.1%
1986	957	827	13.6%	2003	965	637	34.0%	2020	960	628	34.6%
1987	957	828	13.5%	2004	961	688	28.4%	2021	957	629	34.3%
1988	956	828	13.4%	2005	961	715	25.6%	2022	956	609	36.3%
1989	955	830	13.1%	2006	961	737	23.3%	2023	953	552	42.1%
1990	956	839	12.2%	2007	961	740	23.0%				
1991	958	847	11.6%	2008	961	745	22.5%				

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

**Figure 5-2. Statewide Salmon Power Troll Permit Latency, 1975-2023**



## 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.

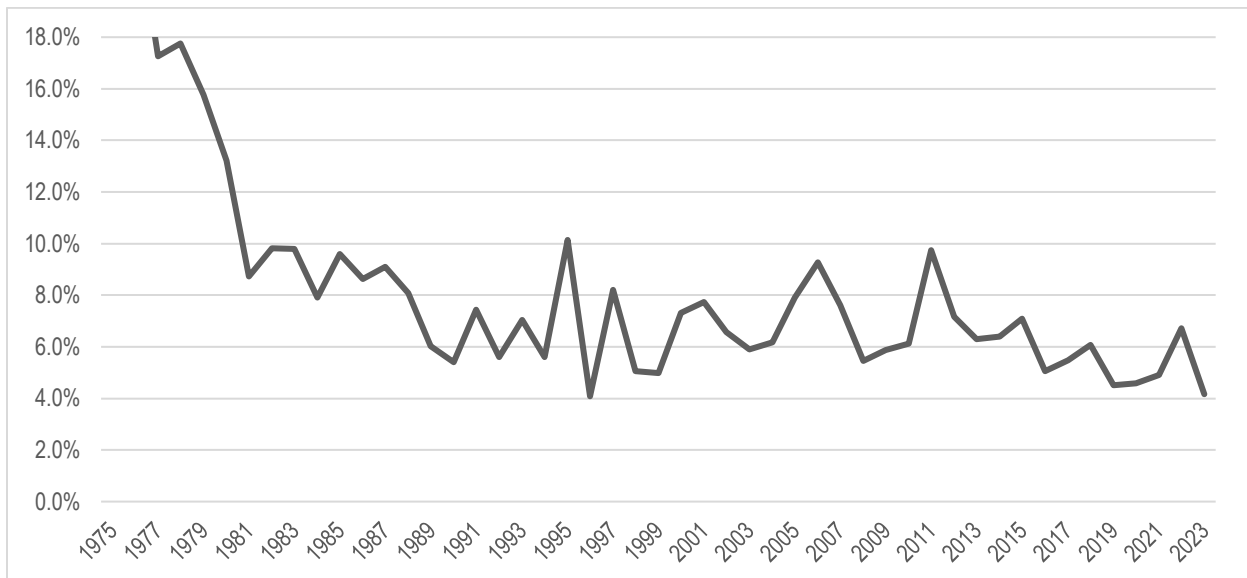
Table 5-6 and Figure 5-3 describe individuals rather than permits. An individual may hold up to two permits in this fishery but can only fish one of them. An individual may hold one S15B permit one year, and then in subsequent years hold a different S15B permit. Likewise, individuals may enter and exit 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, 1975-2023**

Year	Individuals w/Landings	New	New Percent
1975	675	675	100.0%
1976	705	162	23.0%
1977	730	126	17.3%
1978	789	140	17.7%
1979	805	127	15.8%
1980	824	109	13.2%
1981	779	68	8.7%
1982	794	78	9.8%
1983	806	79	9.8%
1984	785	62	7.9%
1985	824	79	9.6%
1986	822	71	8.6%
1987	825	75	9.1%
1988	829	67	8.1%
1989	830	50	6.0%
1990	832	45	5.4%
1991	848	63	7.4%
1992	839	47	5.6%
1993	837	59	7.0%
1994	804	45	5.6%
1995	819	83	10.1%
1996	735	30	4.1%
1997	744	61	8.2%
1998	733	37	5.0%
1999	723	36	5.0%
2000	725	53	7.3%
2001	712	55	7.7%
2002	669	44	6.6%
2003	644	38	5.9%
2004	696	43	6.2%
2005	721	57	7.9%
2006	745	69	9.3%
2007	748	57	7.6%
2008	751	41	5.5%
2009	750	44	5.9%
2010	736	45	6.1%
2011	769	75	9.8%
2012	754	54	7.2%
2013	732	46	6.3%
2014	765	49	6.4%
2015	748	53	7.1%
2016	753	38	5.0%
2017	730	40	5.5%
2018	675	41	6.1%
2019	667	30	4.5%
2020	633	29	4.6%
2021	633	31	4.9%
2022	611	41	6.7%
2023	552	23	4.2%

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

**Figure 5-3. New Entrants into the Statewide Salmon Power Troll, 1975-2023**



## 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 7 years between 1980 and 2023. The change in ages over the same period for all CFEC permit holders increased 16.4 years, and 16.8 for the statewide salmon hand and power troll permit holders. Median ages increased by 16.3 for the combined Southeast Alaska salmon permit holders.

For S15B permit holders, the median age increased 15.1 years).

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

Year	Combined Statewide				Median Alaska Age
	S15B	Southeast Salmon	Salmon Troll	All Permits	
1980	45.3	43.6	45.3	39.6	30.0
1981	45.4	43.4	45.4	39.5	30.0
1982	45.4	42.6	43.7	39.5	30.0
1983	45.8	41.8	42.2	39.6	31.0
1984	45.7	42.4	42.9	39.9	31.0
1985	45.5	42.7	43.5	40.1	31.0
1986	45.2	42.9	43.8	40.1	31.0
1987	45.4	43.5	44.5	40.4	32.0
1988	45.1	43.7	44.8	40.6	33.0
1989	45.5	44.4	45.3	41.0	33.0
1990	45.8	45.0	46.1	41.4	33.0
1991	46.6	45.3	46.6	41.9	34.0
1992	47.4	45.9	47.4	42.4	35.0
1993	48.2	46.5	48.0	43.0	35.0
1994	48.7	47.1	48.6	43.5	35.0
1995	48.5	47.5	48.6	43.9	36.0
1996	49.6	48.3	49.6	44.5	36.0
1997	50.5	48.9	50.2	45.0	37.0
1998	51.0	49.5	51.0	45.6	37.0
1999	51.8	49.9	51.5	46.1	37.0
2000	52.2	50.5	51.9	46.6	37.0
2001	52.4	50.9	52.5	47.0	38.0
2002	53.2	51.4	53.2	47.7	38.0
2003	54.0	52.0	53.8	48.4	38.0
2004	53.8	52.4	53.7	48.8	38.0
2005	54.0	52.9	54.1	49.3	39.0
2006	54.2	53.3	54.4	49.7	39.0
2007	54.3	53.8	54.9	50.1	39.0
2008	54.7	54.4	55.5	50.5	39.0
2009	55.5	55.1	56.3	51.1	38.0
2010	56.0	55.5	57.0	51.4	38.0
2011	56.2	56.0	57.3	51.8	38.0
2012	56.4	56.1	57.5	52.1	38.0
2013	56.8	56.1	58.0	52.4	38.0
2014	56.9	56.1	58.2	52.7	38.0
2015	57.3	56.6	58.7	53.3	38.0
2016	58.0	57.1	59.2	53.8	38.0
2017	58.1	57.5	59.6	54.2	37.0
2018	58.9	58.1	60.2	54.7	37.0
2019	59.3	58.5	60.4	54.8	37.0
2020	59.8	58.7	60.8	55.1	37.0
2021	59.9	59.0	61.0	55.3	37.0
2022	60.2	59.4	61.6	55.6	37.0
2023	60.4	59.8	62.1	56.0	37.0

- 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 10<sup>th</sup>. Age data from the CFEC permit file is as of December 31<sup>st</sup> 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	Permit Value	Standard Deviation
1987	63	\$70,000	\$8,400
1988	65	\$76,100	\$5,800
1989	55	\$78,300	\$7,500
1990	50	\$76,300	\$4,900
1991	55	\$82,000	\$5,400
1992	42	\$73,100	\$7,700
1993	47	\$63,700	\$4,100
1994	42	\$58,100	\$4,000
1995	69	\$55,400	\$3,900
1996	26	\$37,100	\$5,200
1997	54	\$33,700	\$1,900
1998	42	\$32,300	\$2,900
1999	38	\$27,000	\$2,100
2000	74	\$25,400	\$1,600
2001	64	\$21,900	\$2,400
2002	35	\$23,200	\$2,800
2003	54	\$20,600	\$1,800
2004	40	\$25,700	\$8,300
2005	50	\$42,800	\$2,300
2006	78	\$46,700	\$3,300
2007	44	\$51,900	\$3,400
2008	51	\$48,900	\$2,000
2009	32	\$47,700	\$3,200
2010	48	\$39,800	\$2,400
2011	63	\$43,500	\$4,000
2012	59	\$46,000	\$3,500
2013	49	\$41,000	\$2,400
2014	35	\$46,800	\$3,900
2015	33	\$48,400	\$3,500
2016	27	\$43,700	\$1,200
2017	24	\$40,700	\$1,900
2018	21	\$36,300	\$3,500
2019	26	\$31,600	\$1,600
2020	28	\$28,600	\$1,500
2021	48	\$29,400	\$2,600
2022	41	\$30,400	\$2,100
2023	22	\$25,000	\$3,700

- 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.
- Real permit values were calculated using the 2024 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 25<sup>th</sup> percentile, median, and 75<sup>th</sup> percentile.

**Table 5-9. Statewide Salmon Power Troll Vessel Characteristics**

Year	Vessel Count	Age				Length in Feet				Net Tons				Horsepower				Hold Capacity (ft <sup>3</sup> )			
		Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%
1978	824	770	10	30	42	781	32	36	40	596	10	14	23	690	7	10	16	764	95	120	165
1979	883	787	8	29	41	790	33	36	41	614	10	16	25	712	7	11	17	755	100	125	165
1980	866	821	7	28	42	821	33	37	42	658	11	16	26	746	7	12	18	775	100	125	165
1981	807	781	8	29	43	783	33	37	41	644	10	16	25	711	7	12	18	753	100	120	165
1982	821	787	9	30	43	788	33	37	41	659	11	16	26	731	7	12	18	764	98	120	165
1983	840	822	10	30	43	823	33	37	41	706	11	16	25	764	7	12	17	805	100	120	165
1984	832	812	11	31	45	816	33	37	41	703	11	16	26	766	7	12	18	801	100	125	165
1985	848	834	11	32	45	835	34	38	42	743	11	17	26	797	8	12	18	819	100	125	165
1986	903	847	12	31	45	846	33	38	42	756	11	17	26	804	7	12	18	832	100	125	165
1987	869	840	13	32	47	840	33	38	42	747	11	17	26	796	7	12	19	829	100	125	165
1988	887	854	14	32	47	854	34	38	42	764	11	17	26	814	7	12	19	846	100	125	165
1989	870	848	15	31	47	847	34	38	42	776	12	18	27	819	8	12	19	842	100	130	165
1990	946	877	14	28	47	877	34	38	42	793	12	18	27	838	8	13	19	871	100	135	174
1991	1,014	897	15	28	47	898	34	38	42	806	12	18	28	851	8	13	19	893	100	140	175
1992	975	883	15	28	48	881	34	38	42	802	12	18	28	844	8	13	20	876	101	140	180
1993	992	880	16	28	49	880	34	38	42	800	12	18	28	837	8	13	20	874	101	140	180
1994	880	828	17	28	49	827	34	39	43	760	12	18	28	788	9	13	20	818	101	140	175
1995	854	834	19	31	50	836	35	39	43	760	12	18	28	797	8	13	19	825	100	140	173
1996	773	748	19	30	51	748	36	39	44	687	12	19	28	717	8	13	20	738	100	140	170
1997	773	755	20	32	53	755	36	39	44	691	12	18	28	720	8	13	20	745	100	140	174
1998	749	742	21	32	53	742	36	40	45	687	13	19	29	709	8	13	20	731	100	140	175
1999	729	726	22	32	53	727	36	40	45	670	13	19	29	699	8	13	20	717	100	140	175
2000	738	725	23	32	53	725	36	40	45	672	13	19	29	699	8	13	20	717	105	140	180
2001	730	711	24	32	54	711	36	40	45	648	13	19	29	680	8	13	20	702	105	145	180
2002	694	677	25	32	55	677	36	40	45	623	13	19	30	649	8	13	20	668	110	145	185
2003	644	642	26	32	56	642	36	40	45	593	13	19	30	620	8	13	21	631	110	150	190
2004	698	694	26	33	56	694	36	40	45	634	13	19	30	663	8	13	21	685	110	150	200
2005	718	716	27	34	57	716	36	40	46	659	14	20	30	684	8	13	21	709	115	150	200
2006	736	736	28	35	58	736	36	40	46	676	14	20	31	699	9	13	22	730	120	160	200
2007	745	741	29	35	58	741	36	40	46	681	14	20	31	705	9	14	22	734	120	160	210
2008	745	744	30	36	58	745	36	40	46	682	14	20	31	703	9	14	22	735	120	160	210
2009	750	749	31	37	59	750	36	40	46	690	14	20	31	707	8	14	22	742	120	160	210
2010	739	739	31	37	60	739	36	40	46	675	14	20	31	692	8	14	22	728	120	160	210
2011	767	767	32	38	61	767	36	40	45	704	14	20	31	717	8	13	22	749	120	160	210
2012	752	752	33	38	61	752	36	40	45	681	14	20	31	698	8	13	22	734	120	160	210
2013	729	729	34	39	61	729	36	40	45	668	14	20	31	683	8	13	22	706	120	160	210
2014	757	757	35	40	61	757	36	40	45	692	14	20	31	709	8	13	22	732	120	160	210
2015	747	746	36	41	60	746	36	40	45	682	14	20	31	701	7	13	22	722	120	160	210
2016	751	751	37	42	57	751	36	40	46	696	14	20	31	716	7	13	22	723	120	165	220
2017	728	728	38	43	57	728	36	40	45	670	14	20	31	689	7	14	22	698	120	165	220
2018	675	675	39	44	56	675	36	40	45	621	14	20	30	644	7	13	22	651	120	165	220
2019	671	665	40	45	54	665	36	40	45	612	14	20	30	629	8	14	22	644	120	165	220
2020	634	633	41	45	54	633	36	40	45	583	14	20	31	597	8	13	22	615	120	165	220
2021	631	631	42	46	55	631	36	40	46	581	15	21	31	596	8	14	22	611	120	165	220
2022	611	611	43	46	55	611	36	40	46	568	15	20	31	577	8	14	22	590	120	165	220
2023	556	555	44	47	56	555	36	40	46	518	15	21	32	526	7	14	22	534	120	165	220



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	Count	Engine Power				Hull Material								
			Diesel		Gas		Count	Aluminum		Fiberglass		Steel		Wood	
1978	824	783	654	83.5%	129	16.5%	780	6	0.8%	139	17.8%	39	5.0%	594	76.2%
1979	883	791	697	88.1%	94	11.9%	785	6	0.8%	175	22.3%	37	4.7%	563	71.7%
1980	866	822	740	90.0%	82	10.0%	813	4	0.5%	216	26.6%	43	5.3%	548	67.4%
1981	807	784	717	91.5%	67	8.5%	775	3	0.4%	195	25.2%	40	5.2%	535	69.0%
1982	821	789	732	92.8%	57	7.2%	785	2	0.3%	207	26.4%	31	3.9%	542	69.0%
1983	840	824	765	92.8%	59	7.2%	820	3	0.4%	213	26.0%	36	4.4%	564	68.8%
1984	832	816	765	93.8%	51	6.3%	815	3	0.4%	232	28.5%	36	4.4%	542	66.5%
1985	848	835	790	94.6%	45	5.4%	835	2	0.2%	232	27.8%	48	5.7%	548	65.6%
1986	903	845	790	93.5%	55	6.5%	847	8	0.9%	250	29.5%	48	5.7%	537	63.4%
1987	869	837	801	95.7%	36	4.3%	840	6	0.7%	244	29.0%	49	5.8%	534	63.6%
1988	887	854	815	95.4%	39	4.6%	855	8	0.9%	245	28.7%	52	6.1%	542	63.4%
1989	870	849	818	96.3%	31	3.7%	849	6	0.7%	257	30.3%	55	6.5%	520	61.2%
1990	946	877	844	96.2%	33	3.8%	878	11	1.3%	283	32.2%	64	7.3%	508	57.9%
1991	1,014	898	856	95.3%	42	4.7%	897	18	2.0%	291	32.4%	68	7.6%	509	56.7%
1992	975	881	845	95.9%	36	4.1%	881	15	1.7%	295	33.5%	63	7.2%	496	56.3%
1993	992	877	844	96.2%	33	3.8%	880	18	2.0%	291	33.1%	71	8.1%	489	55.6%
1994	880	824	802	97.3%	22	2.7%	826	11	1.3%	285	34.5%	69	8.4%	449	54.4%
1995	854	830	813	98.0%	17	2.0%	832	7	0.8%	275	33.1%	63	7.6%	475	57.1%
1996	773	742	730	98.4%	12	1.6%	745	6	0.8%	265	35.6%	58	7.8%	405	54.4%
1997	773	750	734	97.9%	16	2.1%	753	7	0.9%	262	34.8%	58	7.7%	415	55.1%
1998	749	738	728	98.6%	10	1.4%	740	4	0.5%	266	35.9%	58	7.8%	401	54.2%
1999	729	720	708	98.3%	12	1.7%	725	5	0.7%	270	37.2%	56	7.7%	383	52.8%
2000	738	721	711	98.6%	10	1.4%	725	13	1.8%	272	37.5%	56	7.7%	375	51.7%
2001	730	707	696	98.4%	11	1.6%	711	12	1.7%	281	39.5%	51	7.2%	358	50.4%
2002	694	674	668	99.1%	6	0.9%	677	12	1.8%	274	40.5%	56	8.3%	327	48.3%
2003	644	638	632	99.1%	6	0.9%	641	7	1.1%	269	42.0%	56	8.7%	301	47.0%
2004	698	691	681	98.6%	10	1.4%	691	8	1.2%	298	43.1%	61	8.8%	316	45.7%
2005	718	711	702	98.7%	9	1.3%	713	9	1.3%	311	43.6%	66	9.3%	320	44.9%
2006	736	732	719	98.2%	13	1.8%	734	9	1.2%	326	44.4%	68	9.3%	323	44.0%
2007	745	738	727	98.5%	11	1.5%	739	10	1.4%	339	45.9%	72	9.7%	311	42.1%
2008	745	743	734	98.8%	9	1.2%	744	12	1.6%	350	47.0%	71	9.5%	304	40.9%
2009	750	746	735	98.5%	11	1.5%	747	15	2.0%	350	46.9%	69	9.2%	306	41.0%
2010	739	737	724	98.2%	13	1.8%	738	17	2.3%	357	48.4%	68	9.2%	289	39.2%
2011	767	765	751	98.2%	14	1.8%	767	20	2.6%	378	49.3%	69	9.0%	293	38.2%
2012	752	750	736	98.1%	14	1.9%	751	21	2.8%	375	49.9%	69	9.2%	278	37.0%
2013	729	727	716	98.5%	11	1.5%	728	16	2.2%	369	50.7%	67	9.2%	268	36.8%
2014	757	753	740	98.3%	13	1.7%	756	18	2.4%	387	51.2%	74	9.8%	269	35.6%
2015	747	742	726	97.8%	16	2.2%	745	19	2.6%	388	52.1%	74	9.9%	257	34.5%
2016	751	747	732	98.0%	15	2.0%	750	19	2.5%	397	52.9%	72	9.6%	255	34.0%
2017	728	726	711	97.9%	15	2.1%	728	20	2.7%	390	53.6%	68	9.3%	243	33.4%
2018	675	673	661	98.2%	12	1.8%	675	18	2.7%	367	54.4%	65	9.6%	219	32.4%
2019	671	664	653	98.3%	11	1.7%	665	22	3.3%	376	56.5%	64	9.6%	197	29.6%
2020	634	629	611	97.1%	18	2.9%	633	28	4.4%	354	55.9%	61	9.6%	184	29.1%
2021	631	628	612	97.5%	16	2.5%	631	26	4.1%	361	57.2%	61	9.7%	177	28.1%
2022	611	608	598	98.4%	10	1.6%	611	21	3.4%	358	58.6%	59	9.7%	168	27.5%
2023	556	551	543	98.5%	8	1.5%	555	19	3.4%	337	60.7%	54	9.7%	139	25.0%

- Mean values include every vessel used in this fishery from 1978 to 2023.

## Participation and Earnings

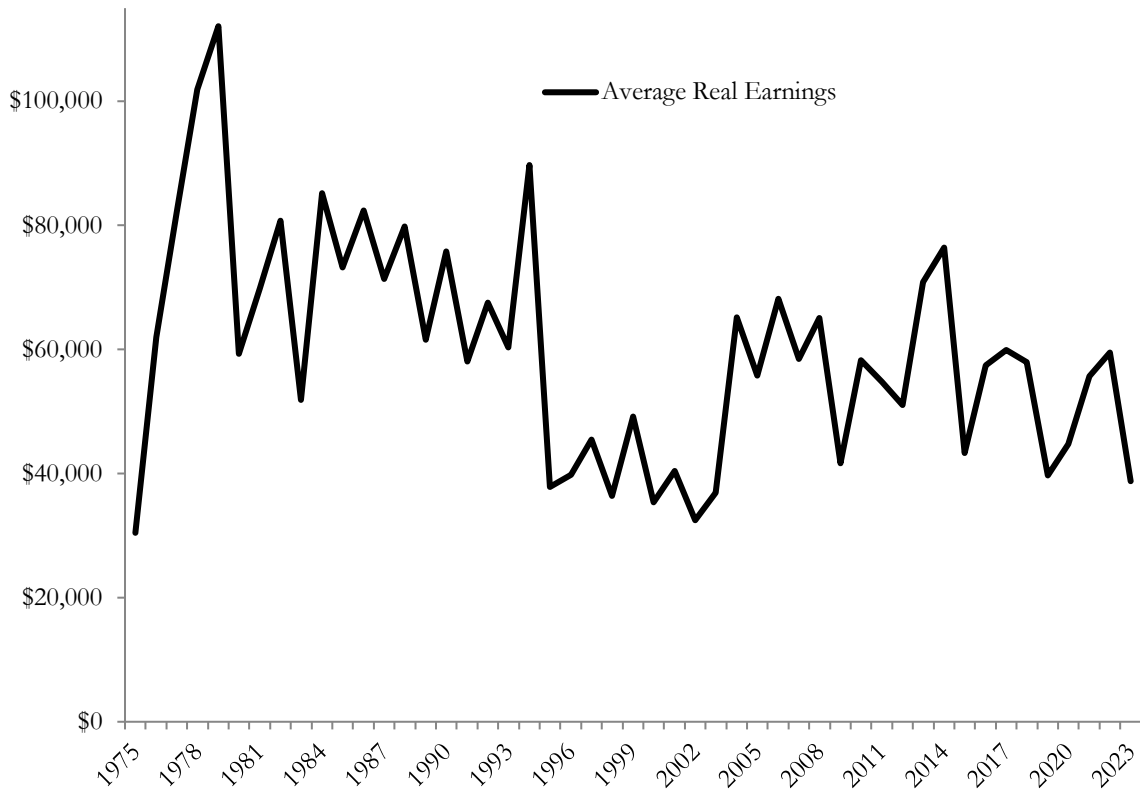
Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 5-4 are in real dollars using the 2024 Consumer Price Index from the U.S. Bureau of Labor Statistics.

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 2023. 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.

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



- Real earnings are adjusted for inflation using the 2024 U.S. Bureau of Labor Statistics Consumer Price Index.

**Table 5-11. Estimated Total Gross Earnings for the Statewide Salmon Power Troll Fishery, With Average Earnings by Permit and Vessel, 1975-2023**

Year	Viable Permits	Total Gross Earnings	Permits With Landings	Average Earnings	Vessels With Landings	Average Vessel Earnings
1975	1,079	\$23,198,517	762	\$30,446	819	\$28,325
1976	998	\$46,173,807	745	\$61,978	787	\$58,671
1977	970	\$61,622,221	750	\$82,164	870	\$70,830
1978	976	\$83,156,708	816	\$101,909	893	\$93,121
1979	980	\$91,802,945	819	\$112,091	1030	\$89,129
1980	974	\$49,895,777	842	\$59,257	956	\$52,192
1981	970	\$55,462,401	793	\$69,940	911	\$60,881
1982	968	\$65,423,526	810	\$80,769	897	\$72,936
1983	968	\$42,032,708	810	\$51,893	915	\$45,937
1984	963	\$67,707,710	795	\$85,166	900	\$75,231
1985	963	\$60,799,436	830	\$73,252	890	\$68,314
1986	957	\$68,132,877	827	\$82,387	903	\$75,452
1987	957	\$59,106,812	828	\$71,385	869	\$68,017
1988	956	\$66,046,548	828	\$79,767	887	\$74,461
1989	955	\$51,059,509	830	\$61,518	870	\$58,689
1990	956	\$63,585,332	839	\$75,787	947	\$67,144
1991	959	\$49,133,441	847	\$58,008	1014	\$48,455
1992	957	\$56,550,916	837	\$67,564	975	\$58,001
1993	956	\$50,465,728	836	\$60,365	992	\$50,873
1994	954	\$72,162,570	804	\$89,755	880	\$82,003
1995	954	\$30,955,284	818	\$37,842	854	\$36,247
1996	967	\$29,297,319	737	\$39,752	773	\$37,901
1997	968	\$33,648,681	740	\$45,472	775	\$43,418
1998	967	\$26,667,652	732	\$36,431	750	\$35,557
1999	965	\$35,444,458	721	\$49,160	730	\$48,554
2000	963	\$25,164,165	712	\$35,343	739	\$34,052
2001	965	\$28,356,489	701	\$40,451	733	\$38,686
2002	965	\$21,617,047	666	\$32,459	699	\$30,926
2003	965	\$23,539,238	637	\$36,953	644	\$36,552
2004	961	\$44,846,725	688	\$65,184	698	\$64,250
2005	961	\$39,885,080	715	\$55,784	718	\$55,550
2006	961	\$50,249,102	737	\$68,181	736	\$68,273
2007	961	\$43,266,166	740	\$58,467	745	\$58,075
2008	961	\$48,505,141	745	\$65,108	745	\$65,108
2009	961	\$31,038,264	745	\$41,662	750	\$41,384
2010	962	\$42,448,434	729	\$58,229	739	\$57,440
2011	962	\$41,643,464	760	\$54,794	770	\$54,082
2012	961	\$37,953,734	743	\$51,082	758	\$50,071
2013	961	\$51,123,219	722	\$70,808	731	\$69,936
2014	962	\$57,798,601	756	\$76,453	809	\$71,445
2015	962	\$32,052,879	740	\$43,315	747	\$42,909
2016	961	\$42,810,557	745	\$57,463	769	\$55,670
2017	961	\$43,209,704	721	\$59,931	731	\$59,110
2018	961	\$38,760,220	669	\$57,938	675	\$57,423
2019	959	\$26,208,551	661	\$39,650	671	\$39,059
2020	960	\$28,107,620	628	\$44,758	634	\$44,334
2021	957	\$35,028,294	629	\$55,689	631	\$55,512
2022	955	\$36,229,993	609	\$59,491	611	\$59,296
2023	953	\$21,423,390	552	\$38,811	556	\$38,531

- Adjusted for inflation to 2024 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, 1975-2023**

Year	Local			Nonlocal			Nonresident			Total		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	575	\$27,585	\$15,861,644	5	\$29,289	\$146,447	197	\$36,499	\$7,190,305	777	\$29,856	\$23,198,397
1976	570	\$59,669	\$34,011,196	9	\$70,266	\$632,396	169	\$68,224	\$11,529,835	748	\$61,729	\$46,173,427
1977	592	\$75,542	\$44,720,699	5	\$84,702	\$423,508	161	\$102,348	\$16,478,023	758	\$81,296	\$61,622,230
1978	630	\$91,508	\$57,649,844	15	\$130,374	\$1,955,612	178	\$132,313	\$23,551,747	823	\$101,042	\$83,157,202
1979	622	\$103,569	\$64,419,939	20	\$119,756	\$2,395,128	192	\$130,150	\$24,988,813	834	\$110,077	\$91,803,880
1980	616	\$55,504	\$34,190,412	18	\$53,123	\$956,222	217	\$67,967	\$14,748,906	851	\$58,632	\$49,895,540
1981	595	\$65,361	\$38,889,767	12	\$73,953	\$887,431	194	\$80,848	\$15,684,462	801	\$69,241	\$55,461,660
1982	615	\$72,777	\$44,758,056	13	\$46,109	\$599,415	187	\$107,300	\$20,065,112	815	\$80,273	\$65,422,582
1983	623	\$47,147	\$29,372,641	9	\$45,562	\$410,061	193	\$63,444	\$12,244,646	825	\$50,942	\$42,027,349
1984	612	\$76,281	\$46,684,230	8	\$61,791	\$494,326	182	\$112,802	\$20,529,977	802	\$84,425	\$67,708,534
1985	639	\$68,158	\$43,553,244	13	\$57,772	\$751,041	183	\$90,135	\$16,494,623	835	\$72,813	\$60,798,908
1986	630	\$77,821	\$49,027,516	15	\$75,562	\$1,133,423	188	\$95,592	\$17,971,263	833	\$81,791	\$68,132,202
1987	651	\$69,062	\$44,959,300	12	\$64,724	\$776,691	171	\$78,195	\$13,371,363	834	\$70,872	\$59,107,354
1988	670	\$78,297	\$52,458,727	13	\$90,777	\$1,180,103	154	\$80,575	\$12,408,585	837	\$78,910	\$66,047,415
1989	661	\$59,355	\$39,233,397	14	\$58,576	\$820,062	162	\$67,933	\$11,005,192	837	\$61,002	\$51,058,651
1990	649	\$72,285	\$46,912,915	13	\$76,865	\$999,239	181	\$86,596	\$15,673,935	843	\$75,428	\$63,586,090
1991	659	\$56,847	\$37,461,911	18	\$53,196	\$957,526	182	\$58,872	\$10,714,767	859	\$57,199	\$49,134,204
1992	658	\$63,895	\$42,042,747	18	\$70,882	\$1,275,879	173	\$76,480	\$13,231,096	849	\$66,607	\$56,549,721
1993	666	\$56,782	\$37,816,819	17	\$66,260	\$1,126,424	165	\$69,827	\$11,521,486	848	\$59,510	\$50,464,729
1994	647	\$84,142	\$54,440,137	11	\$109,051	\$1,199,562	154	\$107,293	\$16,523,144	812	\$88,870	\$72,162,842
1995	637	\$35,696	\$22,738,400	16	\$47,044	\$752,697	173	\$43,143	\$7,463,700	826	\$37,476	\$30,954,797
1996	583	\$37,697	\$21,977,631	15	\$51,544	\$773,163	142	\$46,098	\$6,545,950	740	\$39,590	\$29,296,745
1997	578	\$43,918	\$25,384,844	13	\$63,386	\$824,018	156	\$47,687	\$7,439,214	747	\$45,044	\$33,648,075
1998	560	\$36,010	\$20,165,456	16	\$40,802	\$652,833	158	\$37,022	\$5,849,504	734	\$36,332	\$26,667,793
1999	573	\$48,118	\$27,571,356	17	\$53,535	\$910,094	134	\$51,970	\$6,963,931	724	\$48,958	\$35,445,382
2000	572	\$34,766	\$19,886,000	26	\$29,279	\$761,266	126	\$35,683	\$4,496,085	724	\$34,728	\$25,143,351
2001	574	\$40,450	\$23,218,394	25	\$40,758	\$1,018,952	114	\$36,131	\$4,118,938	713	\$39,770	\$28,356,283
2002	550	\$32,456	\$17,850,816	19	\$30,713	\$583,545	100	\$31,821	\$3,182,099	669	\$32,312	\$21,616,460
2003	535	\$36,630	\$19,596,940	15	\$35,829	\$537,429	94	\$36,221	\$3,404,740	644	\$36,551	\$23,539,109
2004	580	\$64,418	\$37,362,420	17	\$66,141	\$1,124,391	99	\$64,232	\$6,358,919	696	\$64,434	\$44,845,730
2005	593	\$55,508	\$32,915,989	18	\$46,087	\$829,562	110	\$55,806	\$6,138,645	721	\$55,318	\$39,884,197
2006	608	\$67,522	\$41,053,126	19	\$54,319	\$1,032,060	118	\$69,199	\$8,165,530	745	\$67,451	\$50,250,717
2007	606	\$57,694	\$34,962,455	20	\$50,960	\$1,019,195	122	\$59,705	\$7,283,960	748	\$57,842	\$43,265,610
2008	604	\$63,414	\$38,301,980	25	\$61,929	\$1,548,220	122	\$70,935	\$8,654,064	751	\$64,586	\$48,504,265
2009	607	\$40,533	\$24,603,264	17	\$52,651	\$895,069	126	\$43,969	\$5,540,102	750	\$41,385	\$31,038,435
2010	606	\$57,351	\$34,754,609	21	\$60,771	\$1,276,196	109	\$58,877	\$6,417,630	736	\$57,675	\$42,448,435
2011	621	\$54,643	\$33,933,340	20	\$55,072	\$1,101,441	128	\$51,629	\$6,608,449	769	\$54,152	\$41,643,230
2012	627	\$50,687	\$31,780,646	16	\$52,745	\$843,923	111	\$48,002	\$5,328,195	754	\$50,335	\$37,952,764
2013	605	\$70,902	\$42,895,814	26	\$42,514	\$1,105,373	101	\$70,528	\$7,123,331	732	\$69,842	\$51,124,518
2014	630	\$75,768	\$47,733,732	20	\$69,605	\$1,392,091	115	\$75,397	\$8,670,690	765	\$75,551	\$57,796,513
2015	620	\$44,131	\$27,361,056	18	\$34,380	\$618,841	110	\$37,020	\$4,072,158	748	\$42,850	\$32,052,054
2016	625	\$57,904	\$36,190,172	19	\$40,546	\$770,379	109	\$53,663	\$5,849,248	753	\$56,852	\$42,809,798
2017	607	\$60,766	\$36,885,031	17	\$46,503	\$790,548	106	\$52,205	\$5,533,747	730	\$59,191	\$43,209,326
2018	557	\$58,125	\$32,375,835	16	\$33,606	\$537,701	102	\$57,333	\$5,847,997	675	\$57,424	\$38,761,533
2019	557	\$39,523	\$22,014,203	13	\$32,233	\$419,034	97	\$38,927	\$3,775,928	667	\$39,294	\$26,209,164
2020	537	\$44,791	\$24,052,631	13	\$31,851	\$414,068	83	\$43,852	\$3,639,749	633	\$44,402	\$28,106,448
2021	531	\$57,246	\$30,397,501	16	\$32,520	\$520,317	86	\$47,803	\$4,111,067	633	\$55,338	\$35,028,884
2022	511	\$60,591	\$30,962,011	14	\$40,316	\$564,418	86	\$54,675	\$4,702,029	611	\$59,294	\$36,228,458
2023	465	\$40,417	\$18,793,987	11	\$26,122	\$287,338	76	\$30,818	\$2,342,155	552	\$38,811	\$21,423,480

- Adjusted for inflation to 2024 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 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**

Permit Type	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**

Permit Type	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

continued

**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
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
2021	2,537	1,432	177	42	2	1	0	0
2022	2,490	1,333	184	46	3	1	0	0
2023	2,439	1,267	172	43	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	3	0	53	0	1	0
1977	326	2	0	49	0	0	0
1978	379	9	0	57	0	0	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

continued



**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
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
2021	214	1	0	2	0	1	0
2022	195	1	0	3	0	1	0
2023	211	2	0	4	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	3	0	103	0	1	0
1977	448	2	0	96	0	0	0
1978	486	9	0	132	0	0	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

continued

**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
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
2021	371	1	0	25	0	1	0
2022	375	1	0	28	0	1	0
2023	367	2	0	27	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

continued

**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
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
2021	93	0	0	14	0	0	0
2022	76	0	0	14	0	0	0
2023	70	0	0	10	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	1	0	0
1977	2,554	1,796	718	49	96	7	0	0	0
1978	3,382	2,559	756	57	132	31	0	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

continued

**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
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
2021	841	208	631	2	25	14	1	0	0
2022	782	171	608	3	28	14	1	0	0
2023	708	156	549	4	27	10	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 <b>S04K</b>	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	<a href="#">5 AAC 18.331</a>
Bristol Bay Salmon Set Gillnet <b>S04T</b>	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	<a href="#">5 AAC 06.331(u)</a>
Cook Inlet Salmon Drift Gillnet <b>S03H</b>	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		<a href="#">5 AAC 21.333(a)</a>
Cook Inlet Salmon Set Gillnet <b>S04H</b>	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.		<a href="#">5 AAC 21.331</a>
Yakutat Salmon Set Gillnet <b>S04D</b>	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.		<a href="#">5 AAC 30.345</a>