

CFEC Permit Holdings and Estimates of Gross
Earnings in the Prince William Sound
Commercial Salmon Fisheries, 1975-2023

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Commercial Fisheries Entry Commission

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Abstract

This report examines limited entry permits held in the Prince William Sound commercial salmon fisheries, which include purse seine (S01E), drift gillnet (S03E) and set gillnet (S04E). Summary statistics are included for permit holdings, permanent and emergency transfers of permits, permit value, permit latency, new entrants, permit holder mean age, estimated gross earnings, vessel characteristics for the purse seine and drift gillnet fisheries, dual permit operations in the drift gillnet fishery, and DNR shore fishery leases for the set gillnet fishery. Some summary statistics are also broken out by resident type. A description of the data and methods used to generate statistics are also provided.

Prepared by Daniel Strong

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Introduction

This report provides an overview of limited entry permit holdings and estimated gross earnings in the Prince William Sound commercial salmon fisheries. Commercial fishing in Prince William Sound has been documented as far back as 1889.¹ Historically, several gear types have been employed to commercially catch salmon in Prince William Sound, but today the three commercial salmon fisheries prosecuted in Prince William Sound are: purse seine (S01E); drift gillnet (S03E); and set gillnet (S04E) 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 Prince William Sound commercial salmon fisheries were part of an original group of 19 Alaska salmon fisheries that were limited after the Alaska legislature passed the Limited Entry Act. Under the authority of AS 16.43.230, CFEC identified the Prince William Sound drift gillnet fishery among “distressed fisheries” in the state’s limited entry regulations². Salmon limited entry permits in all three Prince William Sound fisheries were first issued in 1975.

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

Variations exist in the financial composition for each of the five major Pacific salmon species commercially exploited in Prince William Sound from and across fisheries and Table 1 shows the value of each species for all years by fishery. For each of the three gear groups, commercial harvest of species other than salmon were documented at rates less than 0.1% and are not displayed in the table.

Table 1. Percent of Total Ex-vessel Value of Prince William Sound Salmon Fisheries by Species, 1975-2023

Species	PWS Purse Seine	PWS Drift Gillnet	PWS Set Gillnet	All Combined
Chinook salmon	0.0%	8.6%	0.1%	4.1%
sockeye salmon	2.4%	60.3%	81.5%	31.5%
coho salmon	1.2%	14.4%	1.7%	7.5%
pink salmon	85.2%	3.3%	6.8%	44.7%
chum salmon	11.1%	13.5%	9.9%	12.2%

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

² See 20 AAC 05.300.

Description of the Data Used to Generate This Report

Five data sources were used to generate the statistics in this report: the CFEC gross earnings data, the CFEC permit data, the CFEC vessel data, the Alaska Department of Natural Resources (DNR) shore fishery lease data, and the CFEC Census data. The most recent updated data is included in this report. The following is a brief description of each data source.

CFEC Gross Earnings Data

The CFEC gross earnings data is based on ADF&G fish tickets augmented with CFEC permit holder and other data. The ex-vessel value for salmon in the CFEC gross earnings data largely comes 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.

CFEC Permit Data

The CFEC permit data contains data on individuals with held CFEC permits and originates from CFEC permit renewal and permit transfer forms. The permit data contains a data field indicating the declared residency of permit holders as well as their addresses.

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

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

CFEC Vessel Data

CFEC maintains data on vessel registration data back to 1978 based on voluntarily provided information about the vessel fishermen intend to use for a coming fishing season.

DNR Shore Fishery Lease Data

The DNR Land Administration System contains records used to maintain the DNR Shore Fishery Lease program. These records are merged with the CFEC permit data to create a dataset. The steps outlining the creation of the dataset is described in CFEC Report Number 23-5N, *CFEC Salmon Set Gillnet Permits and DNR Shore Fishery Leases in Prince William Sound, Cook Inlet, Kodiak, Alaska Peninsula, and Bristol Bay 1975-2023*.

CFEC Census Data

CFEC maintains data with permit holders' claimed residence. Each Alaska community is designated as local or nonlocal for a specific fishery. Table 2 lists the communities that are designated as local to each of the management areas in this report, per 2020 CFEC Census Data.

Table 2. Communities Local to the Prince William Sound Salmon Fisheries, as Indicated in 2020 CFEC Census Data

Cape Yakataga	Evans Island	Katalla	Port Nellie Juan
Chenega	Eyak	Knight Island	Ptarmigan
Chenega Bay	Falls Bay	Latouche	Tatitlek
Cordova	Golden	Nuchek	Valdez
Ellamar	Icy Bay	Port Ashton	Whittier

Data Display

Percentages are rounded to the nearest tenth of a percent where displayed. Dollars are rounded to whole dollars and because of this, rounded aggregates may not total. Some data will vary from previous research projects where data has been updated.

Prince William Sound Salmon Purse Seine Fishery

S01E Permit Holdings

Limited entry permits for the Prince William Sound salmon purse seine fishery (S01E permits) were issued starting in 1975. Table 3 shows the initial distribution and net changes in permit holdings for the fishery. CFEC has issued 267 S01E permits. Of this total, Alaska Locals received 68.9% (184/267) of the permits, Nonlocal Alaskans received 10.1% (27/267) of the permits, and Nonresidents received 21% (56/267). Every permit issued was a transferable permit.

Table 3. Initial Issuance and Year-end 2023 Totals of Prince William Sound Salmon Purse Seine Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

INITIAL ISSUE			TRANSFERS		MIGRATIONS		CANCELLED		2023 YEAR-END	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percent
Local	184	68.9%	-49	-26.6%	-42	-22.8%	0	0.0%	93	34.8%
Nonlocal	27	10.1%	72	266.7%	19	70.4%	0	0.0%	118	44.2%
Nonresident	56	21.0%	-23	-41.1%	23	41.1%	0	0.0%	56	21.0%
Total	267	100.0%	0	0.0%	0	0.0%	0	0.0%	267	100.0%

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

Transfers of S01E Permits

Under the Limited Entry Act's terms of free transferability, permits may be sold, traded, given away, or inherited. CFEC requires the completion of a survey with each transfer.³ The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

Table 4. Transfer Acquisition Methods for Prince William Sound Salmon Purse Seine Permits, 1980-2023

Acquisition Method	S01E Permit		PWS Combined Salmon		Statewide Salmon Purse Seine		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	320	30.2%	776	26.0%	1,169	27.8%	14,043	32.8%
Sale	656	61.9%	2,002	67.1%	2,645	63.0%	24,955	58.3%
Trade	13	1.2%	33	1.1%	65	1.5%	540	1.3%
Other	70	6.6%	173	5.8%	322	7.7%	3,230	7.6%
Total	1,059		2,984		4,201		42,768	

Table 4 shows transfer acquisition methods for the S01E permits, all three Prince William Sound salmon permit types combined, statewide salmon purse seine permits, and all limited entry permits between 1980 and 2023. Nearly two-thirds of all S01E permit transfers were sales (62%, or 656/1,059), just under one third were transferred as gifts (30.2% or 320/1,059), and a smaller percentage were trades (1.2% or 13/1,059) or other

³ CFEC implemented the transfer survey in 1980.

(6.6% or 70/1,059). The annual acquisition methods for S01E permits have not changed substantially over time.⁴

Table 5. Relationships of Transferor to Transfer Recipients for Prince William Sound Salmon Purse Seine Permits, 1980-2023

Relationship	S01E Permit		PWS Combined Salmon		Statewide Salmon Purse Seine		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	166	15.7%	501	16.8%	733	17.4%	8,041	18.8%
Member of Immediate Family	359	33.9%	864	29.0%	1,346	32.0%	14,350	33.6%
Other Relative	44	4.2%	116	3.9%	155	3.7%	1,903	4.4%
Other	490	46.3%	1,503	50.4%	1,967	46.8%	18,474	43.2%
Total	1,059		2,984		4,201		42,768	

Table 5 shows the relationships between the transferors and transfer recipients for S01E permits and compares S01E permit transfers with all three Prince William Sound 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 38.1% (403/1,059) of all transfers. This compares to 32.8% (980/2,984) for all three Prince William Sound 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.

⁴ See *Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975-2023*, CFEC Report No. 24-2N.

S01E Permit Value

Many permit transfers are non-monetary transactions (see table 4). Table 6 only includes arms-length market permit sales.

Table 6. CFEC Estimated Value of Prince William Sound Salmon Purse Seine Permits 1987-2023

Year	S01E Permit Sales	Real	
		Permit Value	Standard Deviation
1987	16	\$252,300	\$46,500
1988	14	\$373,200	\$70,100
1989	3	\$591,800	\$147,400
1990	5	\$649,300	\$50,700
1991	9	\$482,500	\$53,700
1992	19	\$217,500	\$23,000
1993	7	\$200,100	\$41,300
1994	11	\$73,900	\$16,200
1995	6	\$139,900	\$10,700
1996	5	\$66,900	\$10,400
1997	16	\$69,300	\$8,300
1998	8	\$67,800	\$9,600
1999	10	\$42,900	\$4,600
2000	18	\$39,700	\$4,200
2001	9	\$39,000	\$4,900
2002	4	\$33,500	\$8,300
2003	2	\$22,900	\$3,600
2004	6	\$23,000	\$2,300
2005	11	\$30,600	\$3,700
2006	12	\$40,200	\$2,800
2007	14	\$46,200	\$6,100
2008	13	\$107,400	\$31,500
2009	6	\$108,900	\$23,200
2010	12	\$140,200	\$36,400
2011	25	\$193,200	\$14,100
2012	13	\$228,000	\$13,100
2013	14	\$221,400	\$29,100
2014	10	\$268,200	\$15,400
2015	10	\$244,500	\$19,200
2016	13	\$191,200	\$5,900

continued

Table 6. CFEC Estimated Value of Prince William Sound Salmon Purse Seine Permits 1982-2023

Year	S01E Permit Sales	Real	
		Permit Value	Standard Deviation
2016	13	\$191,200	\$5,900
2017	17	\$195,700	\$9,400
2018	13	\$203,900	\$7,900
2019	13	\$210,400	\$8,600
2020	9	\$179,400	\$20,900
2021	12	\$171,900	\$20,200
2022	27	\$202,000	\$30,100
2023	7	\$247,400	\$3,700

- Permit values represent averages of all arms-length sale transactions over the year.
- Real permit values were calculated using the 2024 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Emergency Transfers of S01E Permits

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

Table 7 and Figure 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 7. Use of Emergency Transfer Permits in the Prince William Sound Salmon Purse Seine Fishery, 1975-2023

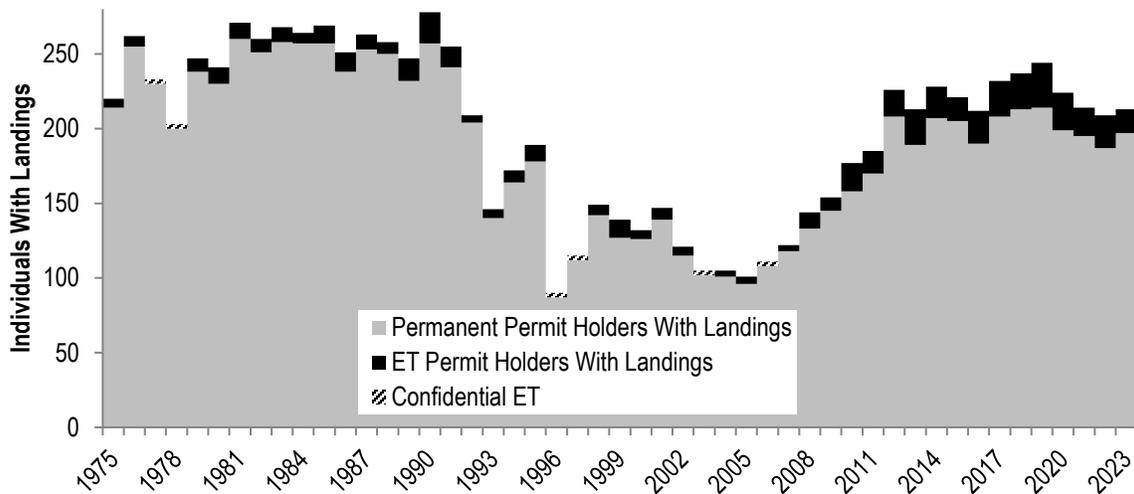
Year	Individuals With Landings	Landings by ET Permit Holders	ET Rate
1975	220	6	2.7%
1976	262	7	2.7%
1977	233	1 - 3	**
1978	203	1	0.5%
1979	247	9	3.6%
1980	241	11	4.6%
1981	274	11	4.0%
1982	260	9	3.5%
1983	268	10	3.7%
1984	265	7	2.6%
1985	269	12	4.5%
1986	251	13	5.2%
1987	263	10	3.8%
1988	261	7	2.7%
1989	245	13	5.3%
1990	278	19	6.8%
1991	258	13	5.0%
1992	209	4	1.9%
1993	146	6	4.1%
1994	172	8	4.7%
1995	188	10	5.3%
1996	90	1 - 3	**
1997	115	1 - 3	**
1998	151	7	4.6%
1999	139	12	8.6%
2000	132	6	4.5%

continued

Table 7. Use of Emergency Transfer Permits in the Prince William Sound Salmon Purse Seine Fishery, 1975-2023

Year	Individuals With Landings	Landings by ET Permit Holders	ET Rate
2001	149	8	5.4%
2002	121	6	5.0%
2003	105	1 - 3	**
2004	105	4	3.8%
2005	102	5	4.9%
2006	111	1 - 3	**
2007	122	4	3.3%
2008	144	11	7.6%
2009	154	9	5.8%
2010	177	19	10.7%
2011	185	15	8.1%
2012	225	18	8.0%
2013	213	24	11.3%
2014	228	21	9.2%
2015	221	16	7.2%
2016	211	21	10.0%
2017	234	24	10.3%
2018	237	24	10.1%
2019	244	30	12.3%
2020	226	25	11.1%
2021	214	19	8.9%
2022	224	25	11.2%
2023	235	22	9.4%

Figure 1. Use of Emergency Transfer Permits in the Prince William Sound Salmon Purse Seine Fishery, 1975-2023



Latent S01E 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) are referred to as latent permits for that year.

Table 8 lists the total number of viable S01E 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 also shown in Figure 2.

Table 8. Prince William Sound Salmon Purse Seine Permit Latency, 1975-2023

Year	Permits		Latency Rate
	Issued	Fished	
1975	274	219	20.1%
1976	278	259	6.8%
1977	273	232	15.0%
1978	271	203	25.1%
1979	268	244	9.0%
1980	270	239	11.5%
1981	270	268	0.7%
1982	270	258	4.4%
1983	270	266	1.5%
1984	269	262	2.6%
1985	271	265	2.2%
1986	271	248	8.5%
1987	269	257	4.5%
1988	271	255	5.9%
1989	270	241	10.7%
1990	271	265	2.2%
1991	271	253	6.6%
1992	271	207	23.6%
1993	270	144	46.7%
1994	270	171	36.7%
1995	268	187	30.2%
1996	267	90	66.3%
1997	269	114	57.6%
1998	267	148	44.6%
1999	267	138	48.3%
2000	268	130	51.5%
2001	268	147	45.1%
2002	267	120	55.1%
2003	266	105	60.5%
2004	266	104	60.9%
2005	266	101	62.0%

continued

Table 8. Prince William Sound Salmon Purse Seine Permit Latency, 1975-2023

Year	Permits		Latency Rate
	Issued	Fished	
2006	266	111	58.3%
2007	266	120	54.9%
2008	267	141	47.2%
2009	267	154	42.3%
2010	268	174	35.1%
2011	267	183	31.5%
2012	267	224	16.1%
2013	267	210	21.3%
2014	267	221	17.2%
2015	267	214	19.9%
2016	267	210	21.3%
2017	267	230	13.9%
2018	267	234	12.4%
2019	267	238	10.9%
2020	267	218	18.4%
2021	267	212	20.6%
2022	267	219	18.0%
2023	267	234	12.4%

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

Figure 2. Prince William Sound Salmon Purse Seine Permit Latency, 1975-2023



New Entrants in the Prince William Sound Salmon Purse Seine Fishery

New entrants are defined herein as individuals who, for the first time, record a landing on a permanent S01E 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 9 and Figure 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 S01E permit one year, and then in subsequent years hold a different S01E permit. Likewise, individuals may enter and exit the fishery multiple times over the years. Individuals are only counted once as a new entrant in the year in which they made their first documented landing.

Table 9. New Entrants into the Prince William Sound Salmon Purse Seine Fishery, 1975-2023

Year	Individuals w/Landings	New Entrants	
		Count	Percent
1975	161	14	8.7%
1976	230	39	17.0%
1977	219	26	11.9%
1978	191	14	7.3%
1979	236	47	19.9%
1980	231	29	12.6%
1981	260	34	13.1%
1982	249	21	8.4%
1983	257	37	14.4%
1984	255	15	5.9%
1985	259	31	12.0%
1986	244	22	9.0%
1987	256	24	9.4%
1988	251	22	8.8%
1989	241	24	10.0%
1990	271	24	8.9%
1991	248	22	8.9%
1992	202	14	6.9%
1993	143	15	10.5%
1994	171	21	12.3%
1995	188	18	9.6%
1996	90	1 - 3	**
1997	114	4	3.5%
1998	148	16	10.8%
1999	139	12	8.6%

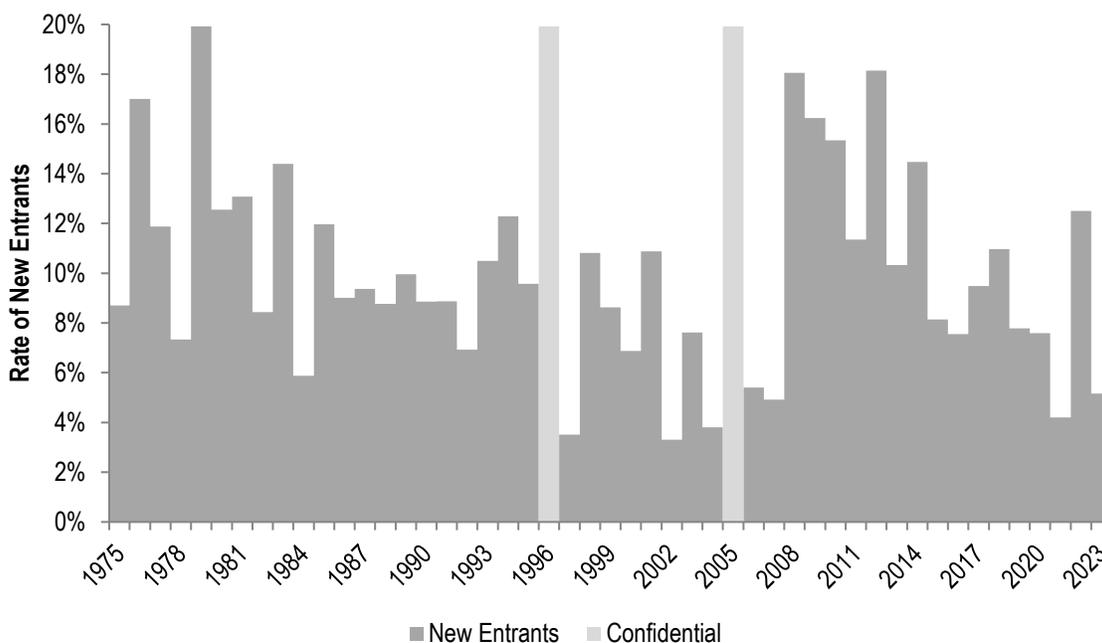
continued

Table. 9. New Entrants in the Prince William Sound Salmon Purse Seine Fishery, 1975-2023

Year	Individuals w/Landings	New Entrants	
		Count	Percent
2000	131	9	6.9%
2001	147	16	10.9%
2002	121	4	3.3%
2003	105	8	7.6%
2004	105	4	3.8%
2005	101	1 - 3	**
2006	111	6	5.4%
2007	122	6	4.9%
2008	144	26	18.1%
2009	154	25	16.2%
2010	176	27	15.3%
2011	185	21	11.4%
2012	226	41	18.1%
2013	213	22	10.3%
2014	228	33	14.5%
2015	221	18	8.1%
2016	212	16	7.5%
2017	232	22	9.5%
2018	237	26	11.0%
2019	244	19	7.8%
2020	224	17	7.6%
2021	214	9	4.2%
2022	224	28	12.5%
2023	235	15	5.2%

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

Figure 3. New Entrants in the Prince William Sound Salmon Purse Seine Fishery, 1975-2023



Age of S01E Permit Holders

Table 10 shows the annual mean age of five different cohorts of people: 1) Prince William Sound salmon purse seine (S01E) permit holders; 2) all three (S01E, S03E, and S04E) Prince William Sound salmon permit holders; 3) statewide salmon purse seine permit holders 4) all CFEC limited entry permit holders; and 5) the general Alaskan population.

In cases where an individual holds permits in more than one fishery the age of the permit holder is counted once for each permit that they hold. From 1980 to 2023, the mean age of the Alaskan working population increased 5.7 years, 14.3 years for all CFEC permit holders, 10.8 years for statewide salmon purse seine permit holders, 9.5 years for the combined Prince William Sound salmon permit holders, and 6.4 years for S01E permit holders.

Table 10. Mean Age of Select CFEC Permit Holders and the General Alaskan Population, 1980-2023

Year	S01E	Prince William Sound Combined	Statewide Purse Seine Combined	Statewide All Permits	Mean AK Worker Age
1980	42.0	39.6	42.3	38.9	33.4
1981	41.6	39.2	42.4	39.9	33.5
1982	41.1	38.8	42.2	40.0	33.6
1983	40.8	38.8	41.9	40.2	33.7
1984	41.2	39.2	42.1	40.4	33.8
1985	41.7	39.6	42.6	40.8	34.0
1986	41.7	40.0	42.5	41.0	34.2
1987	41.6	40.1	42.5	40.9	34.5

continued

Table 10. Mean Age of Select CFEC Permit Holders and the General Alaskan Population, 1980-2023

Year	S01E	Prince William Sound Combined	Statewide Purse Seine Combined	Statewide All Permits	Mean AK Worker Age
1988	42.3	40.4	42.7	41.2	34.9
1989	42.4	40.8	42.8	41.5	35.3
1990	43.2	41.2	43.2	42.0	35.5
1991	43.2	41.6	43.5	42.5	35.9
1992	44.2	42.7	44.0	42.9	36.2
1993	44.6	43.5	44.6	43.5	36.5
1994	45.4	44.3	45.0	44.0	36.7
1995	46.4	44.6	45.4	44.4	37.0
1996	47.5	44.9	45.8	44.8	37.2
1997	47.9	45.5	46.4	45.1	37.4
1998	48.3	45.8	46.8	45.6	37.6
1999	48.3	46.0	47.2	46.0	37.8
2000	48.0	46.0	47.3	46.4	37.9
2001	48.6	46.8	48.0	46.9	38.1
2002	49.4	47.4	48.5	47.4	38.3
2003	50.1	47.7	49.4	47.9	38.4
2004	50.8	48.3	50.1	48.2	38.6
2005	51.4	48.7	50.6	48.4	38.7
2006	51.4	48.9	51.1	48.7	38.8
2007	51.5	49.0	51.5	48.9	38.9
2008	49.5	48.5	51.1	49.0	39.0
2009	50.4	48.8	51.3	49.3	39.1
2010	49.9	47.8	51.4	49.5	39.2
2011	49.5	47.5	51.3	49.6	39.3
2012	49.9	47.2	51.4	49.8	39.4
2013	50.4	47.6	51.2	50.0	39.4
2014	49.9	47.5	51.0	50.2	39.5
2015	50.0	47.9	51.4	50.6	39.5
2016	51.0	48.2	52.0	50.9	39.5

continued

Table 10. Mean Age of Select CFEC Permit Holders and the General Alaskan Population, 1980-2023

Year	S01E	Prince William Sound Combined	Statewide Purse Seine Combined	Statewide All Permits	Mean AK Worker Age
2017	50.7	48.4	52.4	51.3	40.1
2018	50.5	48.8	52.6	51.7	40.1
2019	50.1	48.9	52.3	51.9	40.1
2020	50.1	48.9	52.8	52.3	40.0
2021	50.2	49.0	53.1	52.6	39.9
2022	48.6	49.1	52.7	52.8	39.5
2023	48.4	49.2	53.1	53.2	39.1

* Mean AK worker age data comes from the Alaska Department of Labor, Research and Analysis Section

S01E Dual Permit Operations

In 2022 the Alaska Board of Fisheries enacted 5 AAC 24.333 which allows for a vessel to operate up to 250 fathoms of seine gear if two Prince William Sound salmon purse seine permit holders agree to fish from a single vessel. Table 11 shows the number of individuals that participated in dual and single permit operations (as indicated on fish tickets) the number of landings made, by single or dual operation category, and the estimated total value of dual all dual operation as well as the average value per landing. Individuals may operate aboard dual permit vessels or single permit vessels at different times within the same fishing season. Some permit holders who participated in the fishery both as a single permit operation and part a dual permit operation had landings counted in both categories, depending how they were fishing the day the landing was made.

Table 11: Single/Dual Operation Landing Averages

Year	Single / Dual	Landings	Individuals	Estimated Value	Pounds Landed	Average Pounds per Landing	Average Value Per Landing
2022	Single Permit	3567	193	\$41,309,278	78,160,144	21,912	\$11,580
	Dual Permit	421	44	\$7,420,157	14,146,645	33,602	\$17,625
	Total	3988	224	\$48,729,436	92,306,789	23,146	\$12,219
2023	Single Permit	4646	199	\$30,235,970	124,417,544	26,779	\$6,507
	Dual Permit	631	55	\$6,418,127	26,018,430	41,234	\$10,171
	Total	5277	235	\$36,654,097	150,435,974	28,508	\$6,946

Table 12 shows counts of individuals who participated in dual permit operations (posted a fish ticket listing a secondary dual permit) by use of a permit held either permanently, or by emergency transfer. Individuals may initially have a permit emergency transferred to them, before subsequently have that permit permanently transferred. In such a situation, the individual would be counted within each category if they posted a fish ticket in both situations.

Table 12. Use of Emergency Transfer Permits in S01E Dual Permit Operations

Year	Permanently Held	Emergency Transfer
2022	39	5
2023	47	8

Table 13 reports on the residency type of individuals in dual permit operations with landings. Residency type is counted as the residency status of the permit holder at the end of the year.

Table 13. Resident Type of Individuals in S01E Dual Permit Operations

Year	Nonresident	Rural Local	Rural Nonlocal	Urban Nonlocal
2022	10	13	12	9
2023	16	13	13	13

Prince William Sound Salmon Purse Seine Vessel Characteristics

Table 14 reports on various vessel characteristics of the Prince William Sound salmon purse seine fleet since 1978. Reported are the age, length, net tonnage, horsepower, and hold capacity. This data is from the vessel license data which includes voluntarily supplied information on vessels. The first column of each category reports the count of vessels with described characteristics. Statistics reported include the 25th percentile, median, and 75th percentile.

Table 14. Prince William Sound Salmon Purse Seine Vessel Characteristics, 1978-2023

Year	Vessel Count	Age in Years				Length in Feet				Weight (Gross 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	207	194	6	11	20	202	30	32	36	146	10	14	18	182	7	11	13	196	130	165	220
1979	247	228	5	11	21	234	30	33	37	169	10	14	19	214	7	11	13	222	140	178	225
1980	244	227	4	10	19	234	31	34	38	181	11	15	21	221	8	11	15	216	140	185	230
1981	270	255	3	7	18	260	32	36	40	206	13	17	26	246	9	12	18	242	150	205	270
1982	263	253	3	7	17	256	33	38	42	206	14	19	27	245	11	14	21	239	165	220	280
1983	273	267	3	7	15	269	34	38	42	224	14	20	29	262	11	15	22	259	165	225	318
1984	263	258	4	8	17	260	34	38	42	222	14	20	28	252	11	15	22	254	165	225	300
1985	278	273	5	8	16	274	34	38	42	237	15	20	28	265	12	16	22	271	165	225	315
1986	253	253	6	8	16	253	35	38	42	220	15	21	30	245	12	16	22	250	170	235	320
1987	269	268	7	9	17	268	35	38	44	236	16	21	31	260	12	16	23	265	165	230	320
1988	257	257	7	10	18	257	36	39	44	223	16	24	32	244	12	17	24	252	173	235	325
1989	255	255	8	10	18	255	37	40	46	222	17	26	34	243	12	20	26	253	195	260	355
1990	281	279	8	11	18	280	38	42	48	237	19	26	36	257	14	20	28	277	200	270	365
1991	253	252	8	11	17	252	38	44	49	215	20	28	40	233	15	22	28	252	220	300	440
1992	212	210	5	11	14	211	38	45	49	184	23	29	41	197	17	22	29	210	235	307	450
1993	145	144	5	12	15	144	40	45	50	124	25	30	40	133	20	22	29	144	250	325	533
1994	176	175	7	13	17	176	38	44	49	149	20	26	35	161	16	21	26	175	235	307	450
1995	187	187	7	15	18	187	38	44	49	164	22	28	40	175	16	22	28	184	230	307	450
1996	91	91	8	15	18	91	42	46	50	76	26	30	40	81	20	22	30	89	250	320	490
1997	115	115	9	16	19	115	41	45	50	99	25	29	40	105	20	22	28	113	250	320	540
1998	150	150	10	17	20	150	42	46	50	130	25	29	42	137	19	22	30	147	250	320	540
1999	137	137	10	18	20	137	42	47	50	119	26	30	42	127	20	23	30	136	250	350	540

continued

Table 14. Prince William Sound Salmon Purse Seine Vessel Characteristics, 1978-2023

Year	Vessel Count	Age in Years				Length in Feet				Weight (Gross 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%
2000	132	132	11	19	21	132	42	47	50	114	26	30	42	122	20	22	30	131	250	340	540
2001	146	145	13	20	22	145	42	47	51	126	26	30	42	135	20	24	30	144	250	338	540
2002	121	120	13	20	23	120	44	48	51	106	26	32	43	112	20	25	33	119	275	375	550
2003	104	103	14	21	24	103	44	49	51	92	26	34	44	97	21	26	33	102	300	370	550
2004	103	103	15	22	24	103	45	49	52	92	26	34	44	97	21	26	34	102	300	390	550
2005	98	98	16	23	25	98	45	49	52	86	26	34	45	92	21	26	35	97	300	375	550
2006	107	107	17	24	26	107	45	50	53	97	26	34	46	100	21	26	35	106	300	393	550
2007	116	116	18	25	28	116	45	50	53	104	26	35	46	107	21	27	35	114	300	378	550
2008	131	131	19	26	29	131	45	50	54	120	26	35	46	123	21	27	35	130	300	383	550
2009	152	151	20	27	31	151	44	50	54	138	26	35	49	144	21	27	35	149	300	375	550
2010	172	172	21	29	32	172	44	50	54	155	26	37	50	163	20	26	35	170	300	365	540
2011	183	182	22	30	33	182	42	50	54	165	26	35	47	171	20	25	35	181	300	365	540
2012	226	226	23	31	34	226	45	50	55	205	26	40	51	210	21	27	36	223	300	375	550
2013	207	207	24	32	35	207	44	50	54	182	26	35	47	189	20	25	34	205	300	365	550
2014	234	234	25	32	36	234	44	50	55	211	26	35	50	216	20	25	35	232	300	375	550
2015	229	226	26	33	37	226	44	50	54	202	26	35	49	208	20	25	35	224	300	386	585
2016	209	209	27	34	38	209	46	50	55	195	26	37	50	198	20	26	35	206	300	383	550
2017	228	228	28	35	39	228	46	50	55	213	27	37	50	217	20	26	35	225	300	375	550
2018	228	228	29	37	40	228	46	50	55	212	26	37	52	216	21	27	36	226	320	380	550
2019	239	237	30	37	41	237	46	50	55	221	26	40	53	225	20	26	36	235	321	400	550
2020	218	217	31	38	42	217	46	50	55	201	26	40	53	202	21	28	38	215	325	385	550
2021	209	209	32	39	43	209	46	50	55	195	26	39	50	195	21	27	36	209	315	375	550
2022	198	198	32	40	44	198	46	50	55	183	26	39	51	184	21	28	36	197	320	380	550
2023	208	208	33	41	45	208	46	50	55	192	26	38	50	192	21	28	35	206	310	386	575

Table 15 provides additional Prince William Sound salmon purse seine vessel characteristics. Included are statistics on vessel count, engine power type, and hull material for each year since 1978.

Table 15. Additional Prince William Sound Salmon Purse Seine Vessel Characteristics, 1978-2023

Year	Vessel Count	Total Count	Engine Power				Total Count	Hull Material								
			Diesel		Gas			Aluminum		Fiberglass		Steel		Wood		
			Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1978	207	201	166	82.6%	35	17.4%	201	0	0.0%	92	45.8%	7	3.5%	99	49.3%	
1979	247	234	195	83.3%	39	16.7%	232	2	0.9%	117	50.4%	12	5.2%	98	42.2%	
1980	244	235	210	89.4%	25	10.6%	231	4	1.7%	123	53.2%	9	3.9%	92	39.8%	
1981	270	259	242	93.4%	17	6.6%	251	4	1.6%	162	64.5%	10	4.0%	71	28.3%	
1982	263	256	248	96.9%	8	3.1%	249	2	0.8%	175	70.3%	9	3.6%	60	24.1%	
1983	273	269	258	95.9%	11	4.1%	263	3	1.1%	188	71.5%	12	4.6%	57	21.7%	
1984	263	260	248	95.4%	12	4.6%	254	4	1.6%	181	71.3%	9	3.5%	59	23.2%	
1985	278	274	261	95.3%	13	4.7%	271	5	1.8%	197	72.7%	15	5.5%	53	19.6%	
1986	253	252	241	95.6%	11	4.4%	251	4	1.6%	189	75.3%	12	4.8%	45	17.9%	
1987	269	267	255	95.5%	12	4.5%	264	3	1.1%	199	75.4%	14	5.3%	47	17.8%	
1988	257	255	242	94.9%	13	5.1%	254	7	2.8%	190	74.8%	14	5.5%	41	16.1%	
1989	255	254	248	97.6%	6	2.4%	252	5	2.0%	189	75.0%	17	6.7%	39	15.5%	
1990	281	279	273	97.8%	6	2.2%	278	6	2.2%	215	77.3%	17	6.1%	38	13.7%	
1991	253	251	248	98.8%	3	1.2%	251	5	2.0%	205	81.7%	18	7.2%	22	8.8%	
1992	212	210	210	100.0%	0	0.0%	211	3	1.4%	180	85.3%	14	6.6%	14	6.6%	
1993	145	143	143	100.0%	0	0.0%	145	4	2.8%	126	86.9%	10	6.9%	5	3.4%	
1994	176	174	173	99.4%	1	0.6%	176	7	4.0%	147	83.5%	13	7.4%	9	5.1%	
1995	187	183	180	98.4%	3	1.6%	187	8	4.3%	158	84.5%	13	7.0%	8	4.3%	
1996	91	89	89	100.0%	0	0.0%	91	2	2.2%	79	86.8%	7	7.7%	3	3.3%	
1997	115	113	112	99.1%	1	0.9%	115	5	4.3%	104	90.4%	4	3.5%	2	1.7%	
1998	150	147	147	100.0%	0	0.0%	150	6	4.0%	132	88.0%	7	4.7%	5	3.3%	
1999	137	135	135	100.0%	0	0.0%	136	6	4.4%	117	86.0%	8	5.9%	5	3.7%	
2000	132	130	129	99.2%	1	0.8%	131	6	4.6%	114	87.0%	7	5.3%	4	3.1%	
2001	146	143	142	99.3%	1	0.7%	144	7	4.9%	126	87.5%	7	4.9%	4	2.8%	
2002	121	118	118	100.0%	0	0.0%	120	3	2.5%	110	91.7%	5	4.2%	2	1.7%	

continued

Table 15. Additional Prince William Sound Salmon Purse Seine Vessel Characteristics, 1978-2023

Year	Vessel Count	Engine Power						Hull Material							
		Total Count	Diesel		Gas		Total Count	Aluminum		Fiberglass		Steel		Wood	
			Count	Percent	Count	Percent		Count	Percent	Count	Percent	Count	Percent	Count	Percent
2003	104	101	101	100.0%	0	0.0%	103	3	2.9%	93	90.3%	6	5.8%	1	1.0%
2004	103	101	101	100.0%	0	0.0%	103	5	4.9%	91	88.3%	6	5.8%	1	1.0%
2005	98	97	95	97.9%	2	2.1%	98	3	3.1%	89	90.8%	5	5.1%	1	1.0%
2006	107	106	105	99.1%	1	0.9%	107	2	1.9%	98	91.6%	7	6.5%	0	0.0%
2007	116	115	112	97.4%	3	2.6%	116	2	1.7%	103	88.8%	9	7.8%	2	1.7%
2008	131	131	130	99.2%	1	0.8%	131	5	3.8%	111	84.7%	12	9.2%	3	2.3%
2009	152	151	149	98.7%	2	1.3%	151	10	6.6%	121	80.1%	14	9.3%	6	4.0%
2010	172	172	171	99.4%	1	0.6%	171	12	7.0%	132	77.2%	19	11.1%	8	4.7%
2011	183	182	180	98.9%	2	1.1%	182	13	7.1%	143	78.6%	19	10.4%	7	3.8%
2012	226	226	224	99.1%	2	0.9%	226	18	8.0%	172	76.1%	26	11.5%	10	4.4%
2013	207	207	204	98.6%	3	1.4%	206	21	10.2%	152	73.8%	28	13.6%	5	2.4%
2014	234	234	226	96.6%	8	3.4%	233	26	11.2%	171	73.4%	29	12.4%	7	3.0%
2015	229	226	222	98.2%	4	1.8%	225	23	10.2%	165	73.3%	31	13.8%	6	2.7%
2016	209	209	209	100.0%	0	0.0%	208	20	9.6%	159	76.4%	23	11.1%	6	2.9%
2017	228	228	228	100.0%	0	0.0%	227	24	10.6%	168	74.0%	30	13.2%	5	2.2%
2018	228	228	228	100.0%	0	0.0%	227	20	8.8%	173	76.2%	29	12.8%	5	2.2%
2019	239	237	237	100.0%	0	0.0%	236	24	10.2%	177	75.0%	31	13.1%	4	1.7%
2020	218	217	215	99.1%	2	0.9%	217	21	9.7%	163	75.1%	28	12.9%	5	2.3%
2021	209	209	209	100.0%	0	0.0%	209	19	9.1%	159	76.1%	26	12.4%	5	2.4%
2022	198	198	197	99.5%	1	0.5%	198	18	9.1%	154	77.8%	21	10.6%	5	2.5%
2023	208	208	208	100.0%	0	0.0%	208	23	11.1%	158	76.0%	22	10.6%	5	2.4%
2016	209	209	209	100.0%	0	0.0%	208	20	9.6%	159	76.4%	23	11.1%	6	2.9%
2017	228	228	228	100.0%	0	0.0%	227	24	10.6%	168	74.0%	30	13.2%	5	2.2%
2018	228	228	228	100.0%	0	0.0%	227	20	8.8%	173	76.2%	29	12.8%	5	2.2%
2019	239	237	237	100.0%	0	0.0%	236	24	10.2%	177	75.0%	31	13.1%	4	1.7%
2020	218	217	215	99.1%	2	0.9%	217	21	9.7%	163	75.1%	28	12.9%	5	2.3%
2021	209	209	209	100.0%	0	0.0%	209	19	9.1%	159	76.1%	26	12.4%	5	2.4%
2022	198	198	197	99.5%	1	0.5%	198	18	9.1%	154	77.8%	21	10.6%	5	2.5%
2023	208	208	208	100.0%	0	0.0%	208	23	11.1%	158	76.0%	22	10.6%	5	2.4%

Participation and Earnings

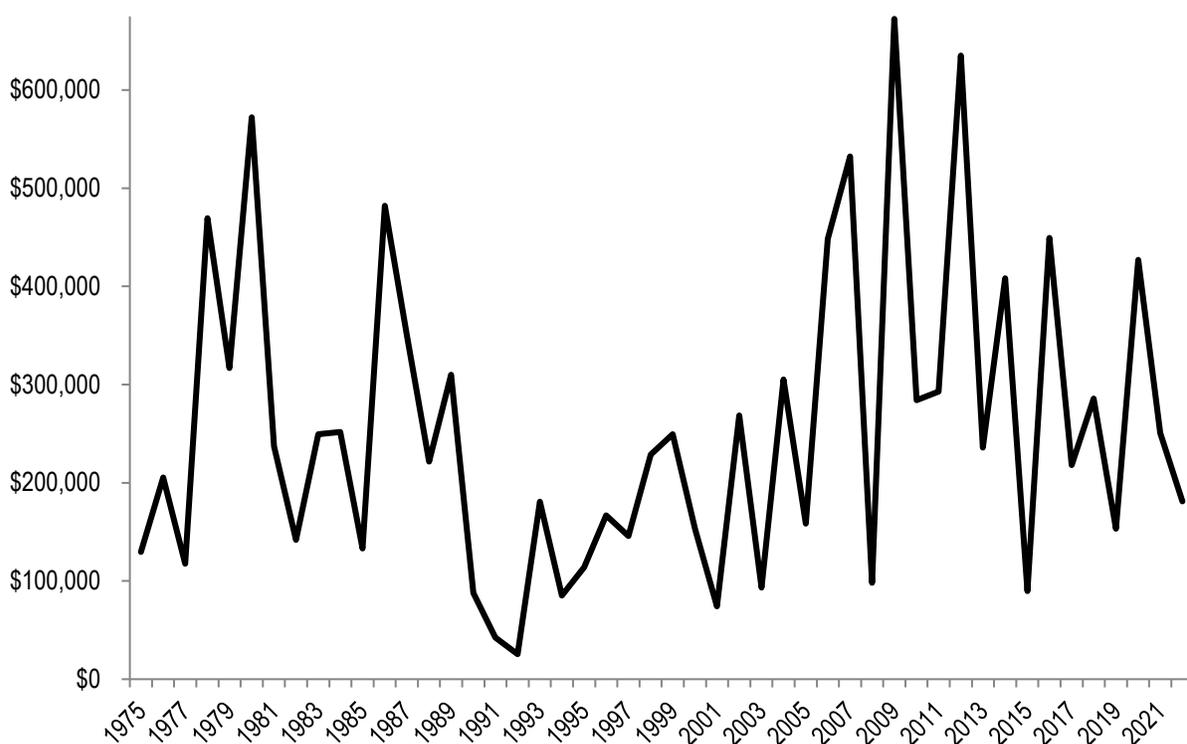
Earnings are estimated from average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 4 are for both nominal and real dollars using the 2024 Consumer Price Index from the U.S. Bureau of Labor Statistics.

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 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. In these instances, only the permanent permit is counted in this report.

Table 16 reports the number of permits issued, permits and vessels with landings, and estimated gross earnings in the Prince William Sound 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 17 reports the number of permit holders (people) and estimated real (inflation-adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Figure 4. Estimated Nominal and Real Average Gross Earnings Per Prince William Sound Salmon Purse Seine Permit, 1975-2023



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

Table 16. Estimated Total Gross Earnings (Real and Nominal) for the Prince William Sound Salmon Purse Seine Fishery, With Average Earnings (Real) by Permit and Vessel, 1975-2023

Year	Permits		Vessels Fished	Total Value		Real Gross Earnings	
	Issued	Fished		Nominal	Real	Per Permit	Per Vessel
1975	274	219	222	\$4,768,363	\$27,495,669	\$125,551	\$123,854
1976	278	259	261	\$6,158,317	\$33,571,790	\$129,621	\$128,628
1977	273	232	248	\$9,302,375	\$47,630,027	\$205,302	\$192,057
1978	271	203	210	\$5,023,899	\$23,899,834	\$117,733	\$113,809
1979	268	244	251	\$26,799,746	\$114,596,885	\$469,659	\$456,561
1980	270	239	245	\$20,096,871	\$75,712,592	\$316,789	\$309,031
1981	270	268	272	\$44,925,101	\$153,336,303	\$572,150	\$563,736
1982	270	258	278	\$19,044,219	\$61,230,091	\$237,326	\$220,252
1983	270	266	301	\$12,097,476	\$37,703,976	\$141,744	\$125,262
1984	269	262	289	\$21,901,232	\$65,402,256	\$249,627	\$226,305
1985	271	265	310	\$23,132,557	\$66,725,281	\$251,794	\$215,243
1986	271	248	267	\$11,674,069	\$33,031,450	\$133,191	\$123,713
1987	269	257	353	\$45,360,842	\$123,913,351	\$482,153	\$351,029
1988	271	255	299	\$34,064,369	\$89,389,484	\$350,547	\$298,961
1989	270	241	328	\$21,316,552	\$53,380,012	\$221,494	\$162,744
1990	271	265	437	\$34,589,475	\$82,164,817	\$310,056	\$188,020
1991	271	253	339	\$9,727,713	\$22,172,721	\$87,639	\$65,406
1992	271	207	220	\$3,957,118	\$8,753,355	\$42,287	\$39,788
1993	270	144	150	\$1,706,858	\$3,666,770	\$25,464	\$24,445
1994	270	171	191	\$14,752,481	\$30,890,336	\$180,645	\$161,730
1995	268	187	199	\$7,832,685	\$15,953,363	\$85,312	\$80,168
1996	267	90	94	\$5,188,891	\$10,267,057	\$114,078	\$109,224
1997	269	114	128	\$9,841,935	\$19,029,039	\$166,921	\$148,664
1998	267	148	180	\$11,334,626	\$21,581,241	\$145,819	\$119,896
1999	267	138	183	\$16,942,605	\$31,566,590	\$228,743	\$172,495
2000	268	130	163	\$18,003,064	\$32,449,897	\$249,615	\$199,079
2001	268	147	183	\$12,862,182	\$22,548,528	\$153,391	\$123,216
2002	267	120	134	\$5,166,570	\$8,915,191	\$74,293	\$66,531
2003	266	105	120	\$16,719,325	\$28,202,003	\$268,591	\$235,017
2004	266	104	113	\$5,898,622	\$9,691,221	\$93,185	\$85,763
2005	266	101	110	\$19,390,127	\$30,819,925	\$305,148	\$280,181
2006	266	111	109	\$11,413,062	\$17,574,398	\$158,328	\$161,233
2007	266	120	123	\$35,955,115	\$53,820,521	\$448,504	\$437,565
2008	267	141	143	\$52,047,970	\$75,046,612	\$532,245	\$524,801
2009	267	154	156	\$10,451,033	\$15,117,503	\$98,166	\$96,907
2010	268	174	186	\$82,212,884	\$117,006,696	\$672,452	\$629,068
2011	267	183	190	\$37,692,349	\$52,011,380	\$284,215	\$273,744
2012	267	224	237	\$48,550,227	\$65,633,375	\$293,006	\$276,934
2013	267	210	215	\$100,114,877	\$133,386,439	\$635,174	\$620,402

continued

Table 16. Estimated Total Gross Earnings (Real and Nominal) for the Prince William Sound Salmon Purse Seine Fishery, With Average Earnings (Real) by Permit and Vessel, 1975-2023

Year	Permits		Vessels Fished	Total Value		Real Gross Earnings	
	Issued	Fished		Nominal	Real	Per Permit	Per Vessel
2014	267	222	247	\$39,955,914	\$52,388,302	\$235,983	\$212,098
2015	267	216	229	\$67,352,063	\$88,201,991	\$408,343	\$385,162
2016	267	210	211	\$14,547,157	\$18,812,050	\$89,581	\$89,157
2017	267	230	230	\$81,625,986	\$103,353,921	\$449,365	\$449,365
2018	267	234	228	\$41,249,462	\$50,986,063	\$217,889	\$223,623
2019	267	238	239	\$56,042,219	\$68,036,846	\$285,869	\$284,673
2020	267	218	218	\$27,885,260	\$33,435,822	\$153,375	\$153,375
2021	267	212	209	\$79,022,563	\$90,513,970	\$426,953	\$433,081
2022	267	219	198	\$48,729,436	\$51,685,122	\$236,005	\$261,036
2023	267	234	208	\$36,654,097	\$37,336,022	\$159,556	\$179,500

- 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 17. Estimated Real Gross Earnings for Permit Holders in the Prince William Sound Salmon Purse Seine Fishery by Resident Type, 1975-2023

Year	Local			Nonlocal			Nonresident			Totals		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	155	\$117,126	\$18,154,589	14	\$142,652	\$1,997,131	51	\$143,999	\$7,343,949	220	\$124,980	\$27,495,669
1976	177	\$122,506	\$21,683,490	28	\$142,298	\$3,984,334	57	\$138,666	\$7,903,967	262	\$128,137	\$33,571,790
1977	165	\$195,287	\$32,222,421	20	\$221,675	\$4,433,491	48	\$228,627	\$10,974,114	233	\$204,421	\$47,630,027
1978	139	\$123,946	\$17,228,475	14	\$119,111	\$1,667,551	50	\$100,076	\$5,003,808	203	\$117,733	\$23,899,834
1979	161	\$447,751	\$72,087,837	27	\$439,311	\$11,861,392	59	\$519,452	\$30,647,656	247	\$463,955	\$114,596,885
1980	157	\$304,957	\$47,878,294	29	\$322,239	\$9,344,926	55	\$336,170	\$18,489,371	241	\$314,160	\$75,712,592
1981	162	\$539,302	\$87,366,932	39	\$550,810	\$21,481,590	70	\$635,540	\$44,487,781	271	\$565,817	\$153,336,303
1982	148	\$184,177	\$27,258,177	46	\$378,069	\$17,391,172	66	\$251,223	\$16,580,742	260	\$235,500	\$61,230,091
1983	143	\$137,127	\$19,609,196	54	\$126,966	\$6,856,170	71	\$158,290	\$11,238,609	268	\$140,686	\$37,703,976
1984	145	\$191,394	\$27,752,136	47	\$322,881	\$15,175,385	72	\$312,149	\$22,474,735	264	\$247,736	\$65,402,256
1985	142	\$232,506	\$33,015,878	54	\$233,438	\$12,605,670	73	\$289,092	\$21,103,733	269	\$248,049	\$66,725,281
1986	130	\$109,154	\$14,190,041	50	\$139,096	\$6,954,777	71	\$167,417	\$11,886,632	251	\$131,599	\$33,031,450
1987	140	\$440,247	\$61,634,530	54	\$457,282	\$24,693,250	69	\$544,718	\$37,585,571	263	\$471,153	\$123,913,351
1988	126	\$307,348	\$38,725,835	59	\$347,181	\$20,483,653	73	\$413,425	\$30,179,996	258	\$346,471	\$89,389,484
1989	108	\$215,614	\$23,286,341	58	\$222,513	\$12,905,755	81	\$212,196	\$17,187,916	247	\$216,113	\$53,380,012
1990	123	\$276,458	\$34,004,334	72	\$273,198	\$19,670,239	83	\$343,256	\$28,490,244	278	\$295,557	\$82,164,817
1991	113	\$82,442	\$9,315,929	67	\$81,362	\$5,451,233	75	\$98,741	\$7,405,559	255	\$86,952	\$22,172,721
1992	99	\$32,265	\$3,194,222	54	\$45,680	\$2,466,727	56	\$55,222	\$3,092,405	209	\$41,882	\$8,753,355
1993	66	\$20,387	\$1,345,574	41	\$30,916	\$1,267,545	39	\$27,017	\$1,053,650	146	\$25,115	\$3,666,770
1994	86	\$163,649	\$14,073,835	43	\$197,143	\$8,477,167	43	\$193,938	\$8,339,334	172	\$179,595	\$30,890,336
1995	89	\$83,342	\$7,417,402	49	\$72,358	\$3,545,531	51	\$97,852	\$4,990,430	189	\$84,409	\$15,953,363
1996	44	\$114,978	\$5,059,030	20	\$102,115	\$2,042,306	26	\$121,758	\$3,165,721	90	\$114,078	\$10,267,057
1997	56	\$157,409	\$8,814,912	29	\$163,747	\$4,748,659	30	\$182,182	\$5,465,468	115	\$165,470	\$19,029,039
1998	72	\$124,042	\$8,930,997	36	\$168,341	\$6,060,264	41	\$160,731	\$6,589,980	149	\$144,841	\$21,581,241
1999	75	\$194,242	\$14,568,175	27	\$326,987	\$8,828,641	37	\$220,805	\$8,169,773	139	\$227,098	\$31,566,590
2000	72	\$210,841	\$15,180,569	26	\$323,099	\$8,400,571	34	\$260,846	\$8,868,758	132	\$245,833	\$32,449,897
2001	69	\$124,622	\$8,598,925	37	\$195,603	\$7,237,306	41	\$163,715	\$6,712,297	147	\$153,391	\$22,548,528

continued

Table 17. Estimated Real Gross Earnings for Permit Holders in the Prince William Sound Salmon Purse Seine Fishery by Resident Type, 1975-2023

Year	Local Gross Earnings			Nonlocal Gross Earnings			Nonresident Gross Earnings			Totals Gross Earnings		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
2002	57	\$54,891	\$3,128,783	35	\$98,774	\$3,457,099	29	\$80,321	\$2,329,308	121	\$73,679	\$8,915,191
2003	48	\$241,083	\$11,571,968	30	\$284,627	\$8,538,815	27	\$299,675	\$8,091,220	105	\$268,591	\$28,202,003
2004	49	\$78,774	\$3,859,941	28	\$97,971	\$2,743,198	28	\$110,289	\$3,088,082	105	\$92,297	\$9,691,221
2005	46	\$286,021	\$13,156,972	30	\$345,640	\$10,369,196	25	\$291,750	\$7,293,757	101	\$305,148	\$30,819,925
2006	51	\$121,400	\$6,191,387	36	\$195,112	\$7,024,036	24	\$181,624	\$4,358,975	111	\$158,328	\$17,574,398
2007	53	\$387,705	\$20,548,360	39	\$525,897	\$20,510,002	30	\$425,405	\$12,762,159	122	\$441,152	\$53,820,521
2008	59	\$421,824	\$24,887,629	50	\$652,481	\$32,624,057	35	\$500,998	\$17,534,926	144	\$521,157	\$75,046,612
2009	61	\$80,523	\$4,911,926	55	\$126,917	\$6,980,431	38	\$84,872	\$3,225,145	154	\$98,166	\$15,117,503
2010	66	\$592,136	\$39,080,954	66	\$718,047	\$47,391,091	45	\$678,548	\$30,534,651	177	\$661,055	\$117,006,696
2011	70	\$267,036	\$18,692,548	67	\$296,760	\$19,882,932	48	\$279,915	\$13,435,908	185	\$281,143	\$52,011,387
2012	75	\$258,554	\$19,391,554	85	\$311,030	\$26,437,549	66	\$300,065	\$19,804,272	226	\$290,413	\$65,633,375
2013	72	\$568,130	\$40,905,385	81	\$695,761	\$56,356,629	60	\$602,074	\$36,124,425	213	\$626,227	\$133,386,439
2014	74	\$183,627	\$13,588,407	92	\$263,622	\$24,253,263	62	\$234,623	\$14,546,632	228	\$229,773	\$52,388,302
2015	73	\$355,652	\$25,962,622	85	\$452,884	\$38,495,129	63	\$376,893	\$23,744,240	221	\$399,104	\$88,201,991
2016	75	\$71,026	\$5,326,966	82	\$105,154	\$8,622,609	55	\$88,409	\$4,862,475	212	\$88,736	\$18,812,050
2017	78	\$389,779	\$30,402,795	96	\$502,950	\$48,283,172	58	\$425,310	\$24,667,953	232	\$445,491	\$103,353,921
2018	80	\$183,219	\$14,657,481	97	\$256,478	\$24,878,328	60	\$190,838	\$11,450,255	237	\$215,131	\$50,986,063
2019	91	\$250,314	\$22,778,579	89	\$332,811	\$29,620,174	64	\$244,345	\$15,638,093	244	\$278,840	\$68,036,846
2020	85	\$118,380	\$10,062,337	85	\$191,370	\$16,266,445	54	\$131,612	\$7,107,040	224	\$149,267	\$33,435,822
2021	78	\$360,807	\$28,142,970	94	\$481,236	\$45,236,179	42	\$407,972	\$17,134,821	214	\$422,962	\$90,513,970
2022	80	\$176,804	\$14,437,510	92	\$316,653	\$27,378,312	50	\$203,250.31	\$10,162,516	224	\$230,717	\$51,685,122.
2023	85	\$157,08	\$13,661,600	103	\$198,647	\$17,287,309	47	\$142,480.51	\$6,696,584	235	\$158,876	\$37,336,022

- 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.

Prince William Sound Salmon Drift Gillnet Fishery

S03E Permit Holdings

Limited entry permits for the Prince William Sound salmon Drift Gillnet fishery (S03E permits) were issued starting in 1975. Table 18 shows the initial distribution and net changes in permit holdings for the fishery. CFEC has issued 537 S03E permits. Of this total, Alaska Locals received 65.9% (354/537) of the permits, Nonlocal Alaskans received 8.8% (47/537) of the permits, and the remaining 25.3% (136/537) of the permits went to Nonresidents. All S03E permits were issued as transferable permits.

Table 18. Initial Issuance and Year-end 2023 Totals of Prince William Sound Salmon Drift Gillnet Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type, 1975-2023

INITIAL ISSUE			TRANSFERS		MIGRATIONS		CANCELLED		2023 Year-end	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percent
Local	354	65.9%	-49	-13.8%	-72	-20.3%	1	0.3%	232	43.4%
Nonlocal	47	8.8%	137	291.5%	12	25.5%	1	2.13%	195	36.4%
Nonresident	136	25.3%	-88	-64.7%	60	44.1%	0	0.0%	108	20.2%
Total	537	100.0%	0	0.0%	0	0.0%	2	0.4%	535	100.0%

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled, such as when a permit holder does not pay the renewal fee for two consecutive years. Cancellations often occur when a non-transferable permit holder decides to no longer renew his or her permit when they retire from fishing. 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 S03E 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.⁵ 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 19 shows the transfer acquisition methods for the S03E permits, all three Prince William Sound salmon permit types combined, all statewide salmon drift gillnet permits combined, and all limited entry permits between 1980 and 2023. Almost three in four S03E transfers were sales (70.9% or 1,265/1,784), about one fourth were gifts (22.6% or 404/1,784), and a smaller percentage were trades (1.1% or 19/1,784) or other (5.4% or 96/1,784). The annual acquisition methods for S03E permits have not changed substantially.⁶

⁵ CFEC implemented the transfer survey in 1980.

⁶ See *Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975-2023*, CFEC Report No. 24-2N.

Table 19. Transfer Acquisition Methods for Prince William Sound Salmon Drift Gillnet Permits, 1980-2023

Acquisition Method	S03E Permit		Prince William Sound Combined Salmon		Statewide Salmon Drift Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	404	22.6%	776	26.0%	4,003	30.6%	14,043	32.8%
Sale	1,265	70.9%	2,002	67.1%	8,127	62.0%	24,955	58.3%
Trade	19	1.1%	33	1.1%	127	1.0%	540	1.3%
Other	96	5.4%	173	5.8%	844	6.4%	3,230	7.6%
Total	1,784		2,984		13,101		42,768	

Table 20 shows the relationships between the transferors and transfer recipients for S03E permits and compares S03E permit transfers with all three Prince William Sound 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 29% (514/1,784) of all permit transfers for S03E permits compared to 33% (980/2,984) for all three Prince William Sound salmon permit types combined, 35.3% (4,627/13,101) for all salmon drift gillnet statewide, and 38% (16,253/42,768) for all limited entry permits statewide.

Table 20. Relationships of Transferor to Transfer Recipients for Prince William Sound Salmon Drift Gillnet Permits, 1980-2023

Relationship	S03E Permit		Prince William Sound Combined Salmon		Statewide Salmon Drift Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	307	17.2%	501	16.8%	2,179	16.6%	8,041	18.8%
Member of Immediate Family	448	25.1%	864	29.0%	4,085	31.2%	14,350	33.6%
Other Relative	66	3.7%	116	3.9%	542	4.1%	1,903	4.4%
Other	963	54.0%	1,503	50.4%	6,295	48.0%	18,474	43.2%
Total	1,784		2,984		13,101		42,768	

S03E Permit Value

Many permit transfers are non-monetary transactions (see Table 19). Table 21 only considers arms-length market transactions where permits are sold.

Table 21. CFEC Estimated Value of Prince William Sound Salmon Drift Gillnet Permits 1987-2023

Year	S03E Permit Sales	Real	
		Permit Value	Standard Deviation
1987	44	\$169,800	\$13,300
1988	44	\$200,200	\$47,100
1989	9	\$367,100	\$60,400
1990	29	\$380,400	\$33,600
1991	16	\$290,800	\$45,400
1992	21	\$219,100	\$29,800
1993	14	\$213,300	\$17,500
1994	15	\$135,600	\$24,800
1995	30	\$134,200	\$12,300
1996	23	\$118,100	\$11,800
1997	22	\$131,200	\$15,000
1998	25	\$132,000	\$14,000
1999	22	\$101,300	\$11,800
2000	25	\$107,000	\$7,800
2001	19	\$100,800	\$6,100
2002	13	\$69,800	\$9,400
2003	21	\$60,500	\$4,000
2004	26	\$66,400	\$5,200
2005	23	\$76,700	\$7,400
2006	28	\$79,500	\$5,300
2007	26	\$77,900	\$3,500
2008	30	\$131,800	\$14,800
2009	25	\$160,700	\$11,000
2010	33	\$182,900	\$29,200
2011	32	\$223,700	\$12,500
2012	26	\$243,700	\$9,300
2013	20	\$260,100	\$11,100
2014	19	\$293,800	\$17,300
2015	14	\$293,600	\$10,000
2016	14	\$201,000	\$26,300
2017	21	\$187,200	\$10,700
2018	15	\$190,200	\$7,100
2019	11	\$171,600	\$5,100
2020	14	\$149,800	\$21,000
2021	21	\$126,000	\$6,300
2022	25	\$115,900	\$5,500
2023	13	\$99,100	\$6,700

Emergency Transfers of S03E Permits

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

Table 22 and Figure 5 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 22. Use of Emergency Transfer Permits in the Prince William Sound Drift Gillnet Fishery, 1975-2023

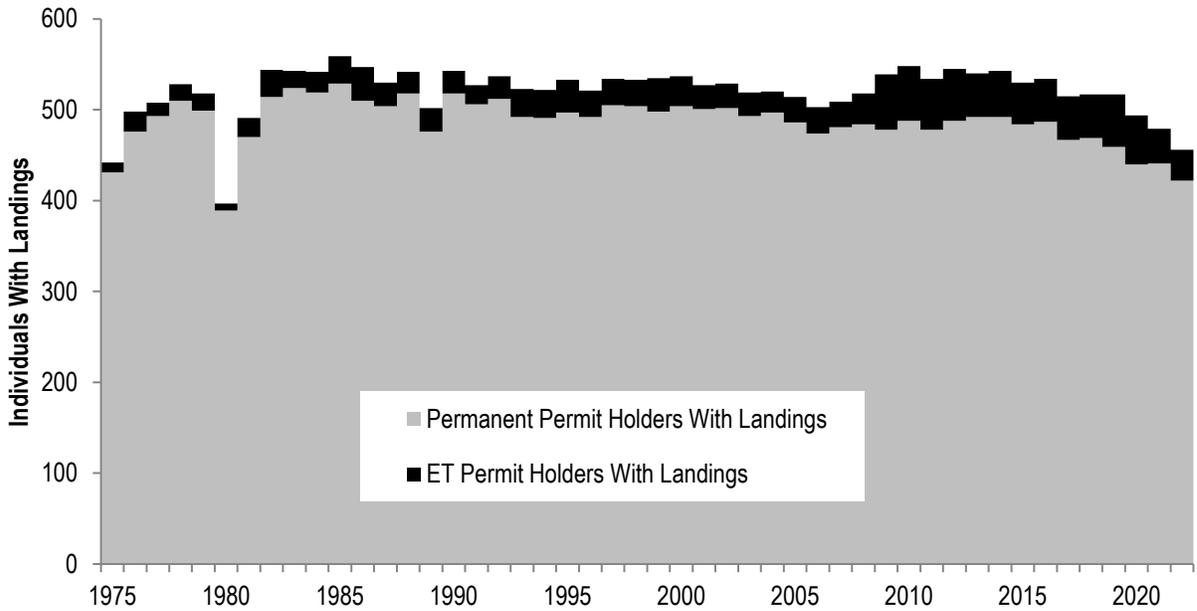
Year	Individuals With Landings	Landings by ET Permit Holders	ET Rate
1975	442	11	2.5%
1976	498	22	4.4%
1977	508	15	3.0%
1978	528	18	3.4%
1979	518	19	3.7%
1980	397	8	2.0%
1981	491	21	4.3%
1982	544	30	5.5%
1983	543	19	3.5%
1984	542	23	4.2%
1985	559	30	5.4%
1986	547	37	6.8%
1987	530	26	4.9%
1988	542	24	4.4%
1989	502	26	5.2%
1990	543	25	4.6%
1991	527	21	4.0%
1992	537	25	4.7%
1993	523	31	5.9%
1994	522	31	5.9%
1995	533	36	6.8%
1996	521	29	5.6%
1997	534	29	5.4%
1998	533	29	5.4%
1999	535	37	6.9%
2000	537	33	6.1%
2001	527	26	4.9%
2002	529	27	5.1%

continued

Table 22. Use of Emergency Transfer Permits in the Prince William Sound Drift Gillnet Fishery, 1975-2023

Year	Individuals With Landings	Landings by ET Permit Holders	ET Rate
2003	519	26	5.0%
2004	520	23	4.4%
2005	514	28	5.4%
2006	503	29	5.8%
2007	509	28	5.5%
2008	518	34	6.6%
2009	539	61	11.3%
2010	548	60	10.9%
2011	534	56	10.5%
2012	545	57	10.5%
2013	540	48	8.9%
2014	543	51	9.4%
2015	530	46	8.7%
2016	534	47	8.8%
2017	515	48	9.3%
2018	517	48	9.3%
2019	517	58	11.2%
2020	494	54	10.9%
2021	479	38	7.9%
2022	456	34	7.5%
2023	449	43	9.6%

Figure 5. Use of Emergency Transfer Permits in the Prince William Sound Salmon Drift Gillnet Fishery, 1975-2023



Latent S03E 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) are referred to as latent permits for that year.

Table 23 lists the total number of viable S03E 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 6.

Table 23. Prince William Sound Salmon Drift Gillnet Permit Latency, 1975-2023

Year	Permits		Latency Rate
	Issued	Fished	
1975	535	435	18.7%
1976	534	475	11.0%
1977	532	498	6.4%
1978	544	514	5.5%
1979	549	506	7.8%
1980	545	393	27.9%
1981	546	479	12.3%
1982	543	524	3.5%
1983	543	528	2.8%
1984	543	522	3.9%
1985	544	533	2.0%
1986	544	525	3.5%
1987	542	519	4.2%
1988	541	525	3.0%
1989	542	485	10.5%
1990	541	521	3.7%
1991	541	517	4.4%
1992	541	527	2.6%
1993	541	514	5.0%
1994	541	506	6.5%
1995	542	518	4.4%
1996	539	509	5.6%
1997	540	520	3.7%
1998	541	522	3.5%
1999	541	521	3.7%
2000	541	526	2.8%
2001	541	522	3.5%
2002	540	519	3.9%
2003	540	510	5.6%
2004	540	513	5.0%

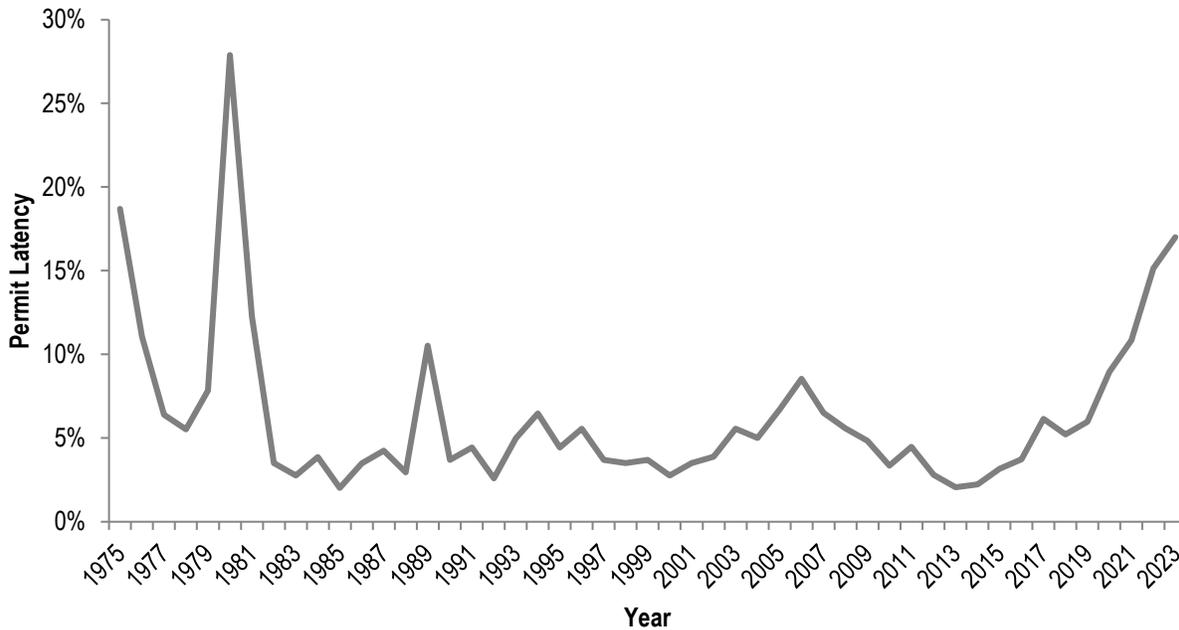
continued

Table 23. Prince William Sound Salmon Drift Gillnet Permit Latency, 1975-2023

Year	Permits		Latency Rate
	Issued	Fished	
2005	538	502	6.7%
2006	538	492	8.6%
2007	537	502	6.5%
2008	537	507	5.6%
2009	537	511	4.8%
2010	537	519	3.4%
2011	537	513	4.5%
2012	537	522	2.8%
2013	536	525	2.1%
2014	536	524	2.2%
2015	537	520	3.2%
2016	537	517	3.7%
2017	537	504	6.1%
2018	536	508	5.2%
2019	536	504	6.0%
2020	536	488	9.0%
2021	535	477	10.8%
2022	535	454	15.1%
2023	535	444	17.0%

- 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 6. Prince William Sound Salmon Drift Gillnet Permit Latency, 1975-2023



New Entrants in the Prince William Sound Salmon Drift Gillnet Fishery

New entrants are individuals who record a landing for the first time on a permanent S03E 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 reported in this table.

Table 24 and Figure 7 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 S03E permit one year, and then in subsequent years hold a different S03E 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 24. New Entrants in the Prince William Sound Salmon Drift Gillnet Fishery, 1975-2023

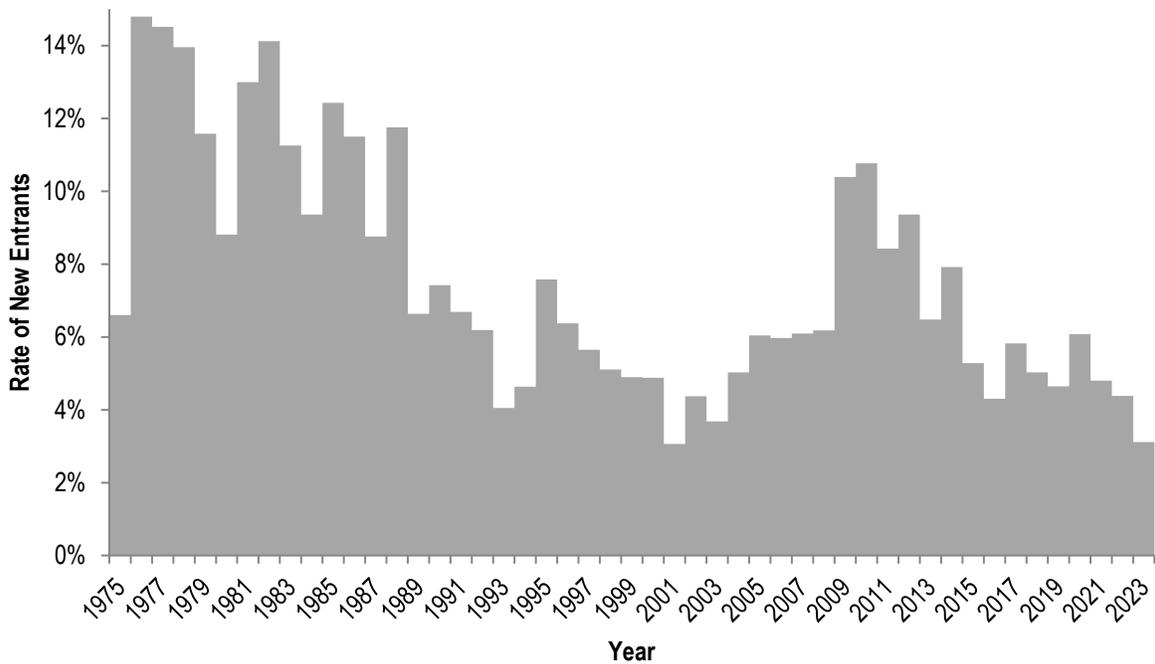
Year	Individuals w/Landings	New Entrants	
		Count	Percent
1975	395	26	6.6%
1976	485	72	14.8%
1977	503	73	14.5%
1978	516	72	14.0%
1979	501	58	11.6%
1980	386	34	8.8%
1981	477	62	13.0%
1982	531	75	14.1%
1983	533	60	11.3%
1984	534	50	9.4%
1985	547	68	12.4%
1986	539	62	11.5%
1987	525	46	8.8%
1988	536	63	11.8%
1989	497	33	6.6%
1990	539	40	7.4%
1991	523	35	6.7%
1992	533	33	6.2%
1993	519	21	4.0%
1994	518	24	4.6%
1995	528	40	7.6%
1996	518	33	6.4%
1997	531	30	5.6%
1998	529	27	5.1%
1999	531	26	4.9%
2000	533	26	4.9%
2001	523	16	3.1%
2002	526	23	4.4%

continued

Table 24. New Entrants in the Prince William Sound Salmon Drift Gillnet Fishery, 1975-2023

Year	Individuals w/Landings	New Entrants	
		Count	Percent
2003	516	19	3.7%
2004	517	26	5.0%
2005	513	31	6.0%
2006	502	30	6.0%
2007	509	31	6.1%
2008	518	32	6.2%
2009	539	56	10.4%
2010	548	59	10.8%
2011	534	45	8.4%
2012	545	51	9.4%
2013	540	35	6.5%
2014	543	43	7.9%
2015	530	28	5.3%
2016	534	23	4.3%
2017	515	30	5.8%
2018	517	26	5.0%
2019	517	24	4.6%
2020	494	30	6.1%
2021	479	23	4.8%
2022	456	20	4.4%
2023	449	14	3.1%

Figure 7. New Entrants in the Prince William Sound Salmon Drift Gillnet Fishery, 1975-2023



Age of S03E Permit Holders

Table 25 shows the annual Mean Age of five different cohorts: 1) Prince William Sound salmon Drift Gillnet (S03E) permit holders; 2) all three (S01E, S03E, and S04E) Prince William Sound salmon permit holders; 3) all salmon drift gillnet permit holders statewide; 4) all CFEC limited entry permit holders; and 5) the general Alaskan population.

Note that these figures include ages of permit holders for both transferable and non-transferable permits; however, there were no non-transferable S03E 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.

From 1980-2023, the mean age of the general Alaskan working age population increased 5.7 years, 14.3 years for all CFEC permit holders, 7.7 years for all salmon drift gillnet permit holders statewide, 9.5 years for the combined Prince William Sound salmon permit holders, and 10.8 years for S03E permit holders.

Table 25. Mean Age of Select CFEC Permit Holders and the General Alaskan Population, 1980-2023

Year	S03E	Prince William Sound Combined Salmon	Statewide Salmon Drift Gillnet	Statewide All Permits	Mean AK Worker Age
1980	39.3	39.6	42.1	38.9	33.4
1981	38.9	39.2	41.9	39.9	33.5
1982	38.3	38.8	41.4	40.0	33.6
1983	38.7	38.8	41.4	40.2	33.7
1984	39.2	39.2	41.7	40.4	33.8
1985	39.4	39.6	41.9	40.8	34.0
1986	40.0	40.0	42.0	41.0	34.2
1987	40.2	40.1	42.3	40.9	34.5
1988	40.4	40.4	42.6	41.2	34.9
1989	40.7	40.8	42.8	41.5	35.3
1990	40.9	41.2	43.2	42.0	35.5
1991	41.5	41.6	43.7	42.5	35.9
1992	42.6	42.7	44.2	42.9	36.2
1993	43.5	43.5	44.7	43.5	36.5
1994	44.3	44.3	45.1	44.0	36.7
1995	44.3	44.6	45.3	44.4	37.0
1996	44.3	44.9	45.5	44.8	37.2
1997	45.0	45.5	46.0	45.1	37.4
1998	45.4	45.8	46.2	45.6	37.6
1999	45.6	46.0	46.7	46.0	37.8
2000	45.7	46.0	47.1	46.4	37.9
2001	46.8	46.8	47.6	46.9	38.1
2002	47.3	47.4	48.2	47.4	38.3
2003	47.4	47.7	48.5	47.9	38.4
2004	48.0	48.3	48.7	48.2	38.6
2005	48.3	48.7	48.5	48.4	38.7

continued

Table 25. Mean Age of Select CFEC Permit Holders and the General Alaskan Population, 1980-2023

Year	S03E	Prince William Sound Combined Salmon	Statewide Salmon Drift Gillnet	Statewide All Permits	Mean AK Worker Age
2006	48.5	48.9	48.6	48.7	38.8
2007	48.3	49.0	48.3	48.9	38.9
2008	48.4	48.5	48.4	49.0	39.0
2009	48.4	48.8	48.4	49.3	39.1
2010	47.3	47.8	48.1	49.5	39.2
2011	47.1	47.5	48.0	49.6	39.3
2012	46.5	47.2	47.8	49.8	39.4
2013	47.0	47.6	47.7	50.0	39.4
2014	47.0	47.5	47.8	50.2	39.5
2015	47.4	47.9	48.1	50.6	39.5
2016	47.5	48.2	48.4	50.9	39.5
2017	47.8	48.4	48.7	51.3	40.1
2018	48.3	48.8	48.9	51.7	40.1
2019	48.7	48.9	48.9	51.9	40.1
2020	48.7	48.9	49.4	52.3	40.0
2021	48.9	49.0	49.4	52.6	39.9
2022	49.8	49.1	49.6	52.8	39.5
2023	50.1	49.2	49.8	53.2	39.1

- Mean AK Worker Age data comes from the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Prince William Sound Salmon Drift Gillnet Vessel Characteristics

Table 26 reports on various vessel characteristics of the Prince William Sound salmon purse seine fleet since 1978. Reported are the age, length, net tonnage, horsepower, and hold capacity. This data is from the vessel license data which includes voluntarily supplied information on vessels. The first column of each category reports the count of vessels with described characteristics. Statistics reported include the 25th percentile, median, and 75th percentile.

Table 26. Prince William Sound Salmon Drift Gillnet Vessel Characteristics, 1978-2023

Year	Vessel Count	Age in Years				Length in Feet				Weight (Gross Tons)				Horsepower				Hold Capacity (ft ³)			
		Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%
1978	552	505	1	4	10	518	24	26	28	260	3	6	10	510	165	214	260	237	36	72	200
1979	529	477	2	5	9	483	24	26	28	249	3	7	10	467	165	225	283	230	40	75	200
1980	395	367	2	4	8	367	24	26	28	211	5	7	10	349	180	228	320	175	40	75	200
1981	483	454	3	5	9	454	24	26	28	275	5	7	11	435	170	228	320	221	42	75	170
1982	552	511	4	5	9	515	24	26	29	323	5	8	11	484	173	240	330	261	48	80	200
1983	557	524	4	6	9	527	25	26	30	355	6	8	12	514	188	255	330	286	48	94	200
1984	643	552	5	6	10	556	25	27	30	382	6	8	12	547	188	255	330	303	60	100	288
1985	732	615	6	7	11	617	26	27	30	435	6	8	12	611	200	260	330	367	60	100	250
1986	653	592	5	8	11	590	26	27	30	427	6	8	11	584	210	260	330	359	60	100	226
1987	745	590	6	9	11	590	26	27	30	430	6	8	12	583	200	260	340	373	60	100	250
1988	749	617	6	10	12	621	26	27	30	445	7	9	12	611	200	260	340	383	65	100	250
1989	762	614	5	10	12	614	26	27	30	444	7	9	12	602	200	270	340	379	72	120	250
1990	1,047	749	3	10	13	750	26	28	31	529	7	9	13	733	200	280	350	423	75	120	300
1991	903	676	3	9	13	675	26	28	31	476	7	9	13	671	200	306	350	391	75	120	250
1992	642	597	4	10	14	597	26	28	30	443	7	9	12	593	205	320	350	366	80	120	220
1993	610	563	4	11	15	563	26	28	30	420	7	9	12	554	210	330	350	354	80	120	220
1994	601	551	5	12	16	550	26	28	30	407	7	9	11	542	215	330	350	347	80	120	220
1995	544	544	6	13	17	543	26	28	30	405	7	9	11	537	225	330	350	345	80	120	200
1996	536	535	7	13	18	535	26	28	30	392	7	9	11	527	230	330	350	320	80	120	200
1997	560	557	8	13	19	558	26	28	30	408	7	9	11	550	230	330	350	320	80	121	200
1998	556	555	9	13	19	556	27	28	30	406	7	9	11	549	230	330	360	305	80	125	220
1999	560	557	10	13	20	558	27	28	30	399	7	9	11	549	230	330	365	298	85	133	240

continued

Table 26. Prince William Sound Salmon Drift Gillnet Vessel Characteristics, 1978-2023

Year	Vessel Count	Age in Years				Length in Feet				Weight (Gross Tons)				Horsepower				Hold Capacity (ft ³)			
		Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%	Count	25%	Median	75%
2000	547	544	11	14	21	546	27	28	30	406	7	9	11	539	230	330	375	305	85	135	240
2001	534	531	11	15	22	533	27	28	30	396	7	9	11	525	230	330	380	296	83	131	240
2002	534	531	12	16	23	533	27	28	31	400	7	9	11	526	250	330	385	298	85	133	250
2003	520	517	13	16	24	519	27	28	31	382	7	9	11	513	250	330	400	285	89	132	240
2004	517	515	14	17	24	517	27	29	31	385	7	9	11	512	255	330	400	285	90	140	250
2005	512	510	15	18	25	512	27	29	31	380	7	9	11	505	260	330	400	272	85	135	235
2006	497	495	16	19	26	497	27	29	31	373	7	9	11	492	260	339	400	282	90	140	240
2007	508	506	17	19	26	508	27	29	31	380	7	9	11	499	300	340	410	279	90	140	250
2008	538	536	17	20	26	538	27	29	31	398	7	9	12	524	300	340	450	293	96	149	256
2009	527	525	18	21	27	527	27	30	31	398	7	9	12	511	300	350	480	293	96	150	300
2010	533	532	17	21	27	533	27	30	32	400	7	9	12	514	308	363	520	293	95	150	280
2011	527	527	15	22	28	527	28	30	32	391	7	9	11	504	315	380	555	277	90	150	250
2012	541	541	11	23	27	541	28	30	32	398	7	9	11	516	315	390	600	278	96	150	250
2013	539	538	6	23	27	538	28	30	32	397	7	9	11	514	320	398	630	275	100	150	250
2014	575	575	5	24	27	575	28	31	32	430	7	9	12	545	330	420	640	297	100	162	264
2015	564	561	4	24	28	561	29	31	32	420	7	9	12	531	330	450	660	288	100	162	290
2016	531	531	5	23	28	531	29	31	32	392	7	9	12	499	330	460	660	264	109	168	264
2017	515	515	6	24	29	515	29	31	32	379	7	9	12	490	340	473	680	257	100	162	280
2018	534	529	7	23	30	529	29	31	32	388	7	10	12	502	340	500	700	269	110	175	300
2019	535	531	8	24	31	531	29	32	32	394	7	9	12	507	340	500	700	274	100	166	308
2020	500	498	9	22	32	498	30	32	32	370	7	9	12	474	350	500	700	247	100	162	300
2021	484	484	10	23	32	484	30	32	32	364	7	9	12	461	350	520	700	249	100	162	283
2022	456	452	11	22	33	452	30	32	32	335	7	9	12	432	355	540	700	236	100	162	300
2023	455	448	11	22	34	448	30	32	32	332	7	10	12	426	380	583	710	231	108	175	313

Table 27 provides additional Prince William Sound salmon Drift Gillnet vessel characteristics. Included are statistics of engine power type and hull material for each year since 1978.

Table 27. Additional Prince William Sound Salmon Drift Gillnet Vessel Characteristics, 1978-2023

Year	Vessel Count	Total Count	Engine Power				Total Count	Hull Material							
			Diesel		Gas			Aluminum		Fiberglass		Steel		Wood	
			Count	Percent	Count	Percent	Count	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1978	552	517	114	22.1%	403	77.9%	516	4	0.8%	331	64.1%	3	0.6%	178	34.5%
1979	529	481	108	22.5%	373	77.5%	481	2	0.4%	337	70.1%	1	0.2%	141	29.3%
1980	395	369	79	21.4%	290	78.6%	368	1	0.3%	289	78.5%	0	0.0%	78	21.2%
1981	483	456	108	23.7%	348	76.3%	454	3	0.7%	355	78.2%	0	0.0%	96	21.1%
1982	552	515	128	24.9%	387	75.1%	515	5	1.0%	417	81.0%	0	0.0%	93	18.1%
1983	557	527	129	24.5%	398	75.5%	525	6	1.1%	449	85.5%	0	0.0%	70	13.3%
1984	643	555	157	28.3%	398	71.7%	554	14	2.5%	461	83.2%	3	0.5%	75	13.5%
1985	732	617	172	27.9%	445	72.1%	616	22	3.6%	519	84.3%	4	0.6%	71	11.5%
1986	653	588	160	27.2%	428	72.8%	588	29	4.9%	506	86.1%	1	0.2%	52	8.8%
1987	745	588	173	29.4%	415	70.6%	586	37	6.3%	495	84.5%	5	0.9%	48	8.2%
1988	749	619	188	30.4%	431	69.6%	616	48	7.8%	517	83.9%	6	1.0%	45	7.3%
1989	762	609	222	36.5%	387	63.5%	608	79	13.0%	488	80.3%	7	1.2%	33	5.4%
1990	1,047	743	281	37.8%	462	62.2%	742	144	19.4%	550	74.1%	16	2.2%	30	4.0%
1991	903	674	271	40.2%	403	59.8%	670	129	19.3%	505	75.4%	13	1.9%	23	3.4%
1992	642	597	246	41.2%	351	58.8%	593	94	15.9%	482	81.3%	3	0.5%	14	2.4%
1993	610	559	232	41.5%	327	58.5%	559	90	16.1%	456	81.6%	4	0.7%	9	1.6%
1994	601	548	219	40.0%	329	60.0%	547	88	16.1%	448	81.9%	2	0.4%	9	1.6%
1995	544	540	232	43.0%	308	57.0%	541	90	16.6%	441	81.5%	0	0.0%	10	1.8%
1996	536	531	231	43.5%	300	56.5%	532	99	18.6%	422	79.3%	1	0.2%	10	1.9%
1997	560	554	245	44.2%	309	55.8%	555	117	21.1%	430	77.5%	0	0.0%	8	1.4%
1998	556	552	246	44.6%	306	55.4%	553	121	21.9%	427	77.2%	1	0.2%	4	0.7%
1999	560	553	254	45.9%	299	54.1%	555	131	23.6%	417	75.1%	2	0.4%	5	0.9%
2000	547	542	259	47.8%	283	52.2%	543	132	24.3%	407	75.0%	0	0.0%	4	0.7%
2001	534	529	249	47.1%	280	52.9%	530	131	24.7%	396	74.7%	0	0.0%	3	0.6%
2002	534	531	252	47.5%	279	52.5%	531	135	25.4%	390	73.4%	1	0.2%	5	0.9%
2003	520	517	242	46.8%	275	53.2%	518	139	26.8%	377	72.8%	0	0.0%	2	0.4%
2004	517	515	238	46.2%	277	53.8%	515	148	28.7%	365	70.9%	0	0.0%	2	0.4%
2005	512	510	232	45.5%	278	54.5%	509	150	29.5%	356	69.9%	0	0.0%	3	0.6%
2006	497	496	218	44.0%	278	56.0%	495	147	29.7%	346	69.9%	0	0.0%	2	0.4%
2007	508	506	219	43.3%	287	56.7%	506	150	29.6%	353	69.8%	0	0.0%	3	0.6%
2008	538	537	239	44.5%	298	55.5%	536	171	31.9%	360	67.2%	1	0.2%	4	0.7%
2009	527	526	233	44.3%	293	55.7%	526	167	31.7%	356	67.7%	1	0.2%	2	0.4%
2010	533	531	232	43.7%	299	56.3%	532	179	33.6%	350	65.8%	1	0.2%	2	0.4%
2011	527	524	215	41.0%	309	59.0%	526	185	35.2%	340	64.6%	0	0.0%	1	0.2%
2012	541	535	239	44.7%	296	55.3%	540	208	38.5%	331	61.3%	0	0.0%	1	0.2%
2013	539	532	251	47.2%	281	52.8%	537	226	42.1%	310	57.7%	0	0.0%	1	0.2%
2014	575	570	282	49.5%	288	50.5%	574	248	43.2%	326	56.8%	0	0.0%	0	0.0%

continued

Table 27. Additional Prince William Sound Salmon Drift Gillnet Vessel Characteristics, 1978-2023

Year	Vessel Count	Total Count	Engine Power				Total Count	Hull Material							
			Diesel		Gas			Aluminum		Fiberglass		Steel		Wood	
			Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	
2015	564	558	278	49.8%	280	50.2%	561	265	47.2%	296	52.8%	0	0.0%	0	0.0%
2016	531	528	266	50.4%	262	49.6%	531	258	48.6%	273	51.4%	0	0.0%	0	0.0%
2017	515	513	258	50.3%	255	49.7%	515	256	49.7%	259	50.3%	0	0.0%	0	0.0%
2018	534	526	264	50.2%	262	49.8%	528	271	51.3%	254	48.1%	2	0.4%	1	0.2%
2019	535	529	266	50.3%	263	49.7%	531	276	52.0%	250	47.1%	4	0.8%	1	0.2%
2020	500	496	247	49.8%	249	50.2%	498	265	53.2%	228	45.8%	3	0.6%	2	0.4%
2021	484	482	244	50.6%	238	49.4%	484	262	54.1%	222	45.9%	0	0.0%	0	0.0%
2022	456	450	223	49.6%	227	50.4%	452	247	54.6%	205	45.4%	0	0.0%	0	0.0%
2023	455	446	224	50.2%	222	49.8%	448	249	55.6%	199	44.4%	0	0.0%	0	0.0%

Participation and Earnings

Earnings are estimated from 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 8 are for both nominal and 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 was in 2006. 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 28 reports the number of permits, permit issued, and vessels with landings, and estimated gross earnings in the Prince William Sound 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 however many times the permit was transferred.

Table 29 reports the number of permit holders (people) and estimated real (inflation adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Figure 8. Estimated Nominal and Real Average Gross Earnings Per Prince William Sound Salmon Drift Gillnet Permit, 1975-2023



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

Table 28. Estimated Total Gross Earnings (Real and Nominal) for the Prince William Sound Salmon Drift Gillnet Fishery, With Average Gross (Real) Earnings by Permit and Vessel, 1975-2023

Year	Permits Issued	Total Gross Earnings		Permits With Landings	Average Real Earnings	Vessels With Landings	Average Real Vessel Earnings
		Nominal	Real				
1975	535	\$2,922,434	\$16,851,544	435	\$38,739	438	\$38,474
1976	534	\$9,332,823	\$50,877,466	475	\$107,110	477	\$106,661
1977	532	\$10,277,264	\$52,621,654	498	\$105,666	534	\$98,542
1978	544	\$8,909,837	\$42,386,127	514	\$82,463	552	\$76,786
1979	549	\$7,950,772	\$33,997,847	506	\$67,189	529	\$64,268
1980	545	\$4,818,321	\$18,152,457	393	\$46,189	395	\$45,956
1981	546	\$11,468,052	\$39,142,232	479	\$81,717	483	\$81,040
1982	543	\$22,388,631	\$71,982,889	524	\$137,372	552	\$130,404
1983	543	\$9,746,248	\$30,375,948	528	\$57,530	557	\$54,535
1984	543	\$18,663,272	\$55,732,941	522	\$106,768	643	\$86,676
1985	544	\$24,051,015	\$69,374,550	533	\$130,159	732	\$94,774
1986	544	\$17,181,009	\$48,613,185	525	\$92,597	653	\$74,446
1987	542	\$27,100,640	\$74,031,499	519	\$142,643	745	\$99,371
1988	541	\$35,656,356	\$93,567,072	525	\$178,223	749	\$124,923
1989	542	\$23,375,424	\$58,535,753	485	\$120,692	762	\$76,819
1990	541	\$23,105,657	\$54,885,832	521	\$105,347	1,047	\$52,422
1991	541	\$19,592,906	\$44,658,804	517	\$86,381	903	\$49,456
1992	541	\$27,458,043	\$60,738,652	527	\$115,254	642	\$94,608
1993	541	\$18,863,565	\$40,523,795	514	\$78,840	610	\$66,432
1994	541	\$20,723,746	\$43,393,615	506	\$85,758	601	\$72,202
1995	542	\$22,648,223	\$46,129,177	518	\$89,052	544	\$84,796
1996	539	\$28,460,838	\$56,314,356	509	\$110,637	536	\$105,064
1997	540	\$27,462,172	\$53,097,155	520	\$102,110	560	\$94,816
1998	541	\$20,115,875	\$38,300,827	522	\$73,373	556	\$68,886
1999	541	\$28,544,014	\$53,181,740	521	\$102,076	560	\$94,967
2000	541	\$20,325,656	\$36,636,290	526	\$69,651	547	\$66,977
2001	541	\$21,236,239	\$37,228,982	522	\$71,320	534	\$69,717
2002	540	\$21,026,589	\$36,282,498	519	\$69,908	534	\$67,945
2003	540	\$20,269,755	\$34,190,836	510	\$67,041	520	\$65,752
2004	540	\$22,408,577	\$36,816,474	513	\$71,767	517	\$71,212
2005	538	\$24,066,702	\$38,253,177	502	\$76,202	512	\$74,713
2006	538	\$27,497,718	\$42,342,348	492	\$86,062	497	\$85,196
2007	537	\$34,903,708	\$52,246,691	502	\$104,077	508	\$102,848
2008	537	\$33,038,463	\$47,637,299	507	\$93,959	538	\$88,545
2009	537	\$32,395,561	\$46,860,437	511	\$91,703	527	\$88,919
2010	537	\$47,761,081	\$67,974,337	519	\$130,972	533	\$127,532
2011	537	\$50,157,831	\$69,212,401	513	\$134,917	527	\$131,333
2012	537	\$60,292,098	\$81,506,805	522	\$156,143	541	\$150,660
2013	536	\$52,020,635	\$69,308,852	525	\$132,017	539	\$128,588

continued

Table 28. Estimated Total Gross Earnings (Real and Nominal) for the Prince William Sound Salmon Drift Gillnet Fishery, With Average Gross (Real) Earnings by Permit and Vessel, 1975-2023

Year	Permits Issued	Total Gross Earnings		Permits With Landings	Average Real Earnings	Vessels With Landings	Average Real Vessel Earnings
		Nominal	Real				
2014	536	\$54,567,982	\$71,546,955	524	\$136,540	575	\$124,429
2015	537	\$37,828,639	\$49,539,110	520	\$95,268	564	\$87,835
2016	537	\$36,830,697	\$47,628,612	517	\$92,125	531	\$89,696
2017	537	\$41,765,301	\$52,882,763	504	\$104,926	515	\$102,685
2018	536	\$36,968,639	\$45,694,786	508	\$89,950	534	\$85,571
2019	536	\$46,680,112	\$56,670,982	504	\$112,442	535	\$105,927
2020	536	\$12,712,062	\$15,242,398	488	\$31,234	500	\$30,485
2021	535	\$26,555,324	\$30,416,982	477	\$63,767	484	\$62,845
2022	535	\$30,186,672	\$32,017,646	454	\$70,523	456	\$70,214
2023	535	\$26,879,627	\$27,379,704	444	\$61,666	455	\$60,175

- 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 29. Estimated Real Gross Earnings for Permit Holders in the Prince William Sound Salmon Drift Gillnet Fishery by Resident Type, 1975-2023

Year	Local			Nonlocal			Nonresident			Totals		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	307	\$37,062	\$11,377,892	24	\$28,779	\$690,688	111	\$43,090	\$4,782,964	442	\$38,126	\$16,851,544
1976	355	\$96,006	\$34,082,228	34	\$73,198	\$2,488,738	109	\$131,252	\$14,306,500	498	\$102,164	\$50,877,466
1977	349	\$94,819	\$33,091,764	35	\$105,259	\$3,684,071	124	\$127,789	\$15,845,819	508	\$103,586	\$52,621,654
1978	339	\$79,546	\$26,966,016	47	\$73,498	\$3,454,386	142	\$84,266	\$11,965,725	528	\$80,277	\$42,386,127
1979	316	\$57,991	\$18,325,220	58	\$87,559	\$5,078,398	144	\$73,571	\$10,594,230	518	\$65,633	\$33,997,847
1980	249	\$41,614	\$10,361,942	50	\$56,298	\$2,814,921	98	\$50,771	\$4,975,594	397	\$45,724	\$18,152,457
1981	296	\$68,540	\$20,287,877	57	\$111,161	\$6,336,187	138	\$90,711	\$12,518,168	491	\$79,719	\$39,142,232
1982	314	\$119,911	\$37,652,174	73	\$146,094	\$10,664,868	157	\$150,738	\$23,665,847	544	\$132,321	\$71,982,889
1983	315	\$55,637	\$17,525,736	87	\$46,565	\$4,051,165	141	\$62,405	\$8,799,047	543	\$55,941	\$30,375,948
1984	306	\$100,487	\$30,748,983	93	\$99,334	\$9,238,070	143	\$110,111	\$15,745,887	542	\$102,828	\$55,732,941
1985	305	\$123,595	\$37,696,467	112	\$114,841	\$12,862,188	142	\$132,506	\$18,815,895	559	\$124,105	\$69,374,550
1986	283	\$91,923	\$26,014,300	110	\$80,686	\$8,875,454	154	\$89,113	\$13,723,431	547	\$88,872	\$48,613,185
1987	272	\$138,642	\$37,710,649	112	\$137,125	\$15,357,976	146	\$143,581	\$20,962,875	530	\$139,682	\$74,031,499
1988	266	\$170,389	\$45,323,574	126	\$171,373	\$21,593,050	150	\$177,670	\$26,650,447	542	\$172,633	\$93,567,072
1989	232	\$122,412	\$28,399,595	131	\$98,352	\$12,884,138	139	\$124,115	\$17,252,020	502	\$116,605	\$58,535,753
1990	276	\$102,521	\$28,295,721	125	\$97,746	\$12,218,311	142	\$101,210	\$14,371,800	543	\$101,079	\$54,885,832
1991	275	\$87,738	\$24,127,914	118	\$80,014	\$9,441,696	134	\$82,755	\$11,089,195	527	\$84,742	\$44,658,804
1992	280	\$119,549	\$33,473,845	124	\$104,714	\$12,984,527	133	\$107,371	\$14,280,280	537	\$113,107	\$60,738,652
1993	279	\$82,609	\$23,047,802	114	\$68,734	\$7,835,718	130	\$74,156	\$9,640,275	523	\$77,483	\$40,523,795
1994	276	\$88,345	\$24,383,279	112	\$78,177	\$8,755,804	134	\$76,526	\$10,254,532	522	\$83,130	\$43,393,615
1995	264	\$90,318	\$23,843,885	128	\$83,658	\$10,708,217	141	\$82,107	\$11,577,074	533	\$86,546	\$46,129,177
1996	261	\$110,930	\$28,952,835	122	\$108,058	\$13,183,103	138	\$102,742	\$14,178,417	521	\$108,089	\$56,314,356
1997	269	\$102,446	\$27,558,106	128	\$99,838	\$12,779,217	137	\$93,137	\$12,759,831	534	\$99,433	\$53,097,155
1998	261	\$74,813	\$19,526,192	135	\$69,765	\$9,418,290	137	\$68,294	\$9,356,344	533	\$71,859	\$38,300,827
1999	262	\$101,482	\$26,588,210	135	\$99,686	\$13,457,569	138	\$95,188	\$13,135,961	535	\$99,405	\$53,181,740

continued

Table 29. Estimated Real Gross Earnings for Permit Holders in the Prince William Sound Salmon Drift Gillnet Fishery by Resident Type, 1975-2023

Year	Local			Nonlocal			Nonresident			Totals		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
2000	262	\$67,164	\$17,596,920	143	\$75,988	\$10,866,310	132	\$61,917	\$8,173,060	537	\$68,224	\$36,636,290
2001	252	\$71,279	\$17,962,318	144	\$77,255	\$11,124,778	131	\$62,152	\$8,141,886	527	\$70,643	\$37,228,982
2002	244	\$68,956	\$16,825,250	151	\$73,606	\$11,114,522	134	\$62,259	\$8,342,725	529	\$68,587	\$36,282,498
2003	252	\$64,853	\$16,342,921	138	\$72,012	\$9,937,594	129	\$61,320	\$7,910,320	519	\$65,878	\$34,190,836
2004	248	\$73,073	\$18,122,162	144	\$69,788	\$10,049,481	128	\$67,538	\$8,644,831	520	\$70,801	\$36,816,474
2005	252	\$73,318	\$18,476,181	137	\$80,746	\$11,062,203	125	\$69,718	\$8,714,792	514	\$74,423	\$38,253,177
2006	250	\$82,219	\$20,554,720	136	\$92,698	\$12,606,979	117	\$78,467	\$9,180,649	503	\$84,180	\$42,342,348
2007	254	\$98,405	\$24,994,887	138	\$118,625	\$16,370,306	117	\$93,004	\$10,881,498	509	\$102,646	\$52,246,691
2008	250	\$87,230	\$21,807,469	154	\$104,939	\$16,160,674	114	\$84,817	\$9,669,157	518	\$91,964	\$47,637,299
2009	246	\$82,474	\$20,288,696	161	\$99,908	\$16,085,237	132	\$79,443	\$10,486,504	539	\$86,940	\$46,860,437
2010	250	\$109,034	\$27,258,490	183	\$146,608	\$26,829,173	115	\$120,754	\$13,886,673	548	\$124,041	\$67,974,337
2011	246	\$124,646	\$30,663,020	180	\$135,326	\$24,358,724	108	\$131,395	\$14,190,656	534	\$129,611	\$69,212,401
2012	252	\$139,619	\$35,183,906	173	\$164,783	\$28,507,489	120	\$148,462	\$17,815,411	545	\$149,554	\$81,506,805
2013	242	\$123,201	\$29,814,726	187	\$138,377	\$25,876,500	111	\$122,681	\$13,617,627	540	\$128,350	\$69,308,852
2014	247	\$126,593	\$31,268,354	183	\$146,132	\$26,742,217	113	\$119,791	\$13,536,384	543	\$131,762	\$71,546,955
2015	235	\$84,400	\$19,834,005	186	\$106,732	\$19,852,096	109	\$90,395	\$9,853,009	530	\$93,470	\$49,539,110
2016	233	\$83,188	\$19,382,750	188	\$99,689	\$18,741,615	113	\$84,108	\$9,504,247	534	\$89,192	\$47,628,612
2017	231	\$92,137	\$21,283,585	178	\$121,220	\$21,577,129	106	\$94,548	\$10,022,049	515	\$102,685	\$52,882,763
2018	229	\$81,443	\$18,650,389	179	\$98,456	\$17,623,677	109	\$86,429	\$9,420,720	517	\$88,384	\$45,694,786
2019	230	\$89,611	\$20,610,594	182	\$137,492	\$25,023,460	105	\$105,114	\$11,036,929	517	\$109,615	\$56,670,982
2020	229	\$28,094	\$6,433,611	176	\$35,720	\$6,286,693	89	\$28,338	\$2,522,093	494	\$30,855	\$15,242,398
2021	219	\$52,591	\$11,517,425	176	\$77,762	\$13,686,045	84	\$62,066	\$5,213,511	479	\$63,501	\$30,416,982
2022	220	\$60,443	\$13,297,479	154	\$86,023	\$13,247,486	82	\$66,740	\$5,472,680	456	\$70,214	\$32,017,646
2023	221	\$53,543	\$11,832,899	152	\$73,509	\$11,173,373	76	\$57,545	\$4,373,432	449	\$60,979	\$27,379,704

- Adjusted for inflation to 2024 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Note that these counts are for individuals, not permits. 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.

Prince William Sound Salmon Set Gillnet Fishery

S04E Permit Holdings

Limited entry permits for the Prince William Sound salmon set gillnet fishery (S04E permits) were issued starting in 1975. Table 30 shows the initial distribution and net changes in permit holdings for the fishery. CFEC has issued 30 S04E permits. Of this total, Alaska Locals received 70.0% (21/30) of the permits, Nonlocal Alaskans received 6.7% (2/30) and Nonresidents received 23.3% (7/30) of the permits. Only one of the 30 initially issued permits is non-transferable.

Table 30. Initial Issuance and Year-end 2023 Totals of Prince William Sound Salmon Set Gillnet Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type

INITIAL ISSUE			TRANSFERS		MIGRATIONS		CANCELLED		2023 YEAR-END	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percent
Local	21	70.0%	-15	-71.4%	-2	-9.5%	0	0.0%	4	14.3%
Nonlocal	2	6.7%	13	650.0%	1	50.0%	2	100.0%	14	50.0%
Nonresident	7	23.3%	2	28.6%	1	14.3%	0	0.0%	10	35.7%
Total	30	100.0%	0	0.0%	0	0.0%	2	6.7%	28	100.0%

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

Transfers of S04E Permits

Under the Limited Entry Act's terms of free transferability, permits may be sold, traded, given away, or inherited. CFEC requires the completion of a survey with each transfer.⁷ The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

Table 31. Transfer Acquisition Methods for Prince William Sound Salmon Set Gillnet Permits, 1980-2023

Acquisition Method	S04E Permit		Prince William Sound Combined Salmon		Statewide Salmon Set Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	52	36.9%	776	26.0%	6,974	51.5%	14,043	32.8%
Sale	81	57.4%	2,002	67.1%	5,170	38.1%	24,955	58.3%
Trade	1	0.7%	33	1.1%	97	0.7%	540	1.3%
Other	7	5.0%	173	5.8%	1,313	9.7%	3,230	7.6%
Total	141		2,984		13,554		42,768	

Table 31 compares the transfer acquisition methods for S04E permits, all three Prince William Sound salmon permit types combined, statewide salmon set gillnet permits, and all limited entry permits between 1980 and 2023. The majority of S04E permit transfers were sales (57.4% or 81/141), then gifts (36.9% or 52/141), and a smaller percentage were trades (0.7% or 1/141) or other (5% or 7/141). Annual acquisition methods for S04E permits have not changed substantially.⁸

⁷ CFEC implemented the transfer survey in 1980.

⁸ See *Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975-2023*, CFEC Report No. 24-2N.

Table 32. Relationships of Transferor to Transfer Recipients for Prince William Sound Salmon Set Gillnet Permit, 1980-2023

Relationship	S04E Permit		Prince William Sound Combined Salmon		Statewide Salmon Set Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	28	19.9%	501	16.8%	2,766	20.4%	8,041	18.8%
Member of Immediate Family	57	40.4%	864	29.0%	6,489	47.9%	14,350	33.6%
Other Relative	6	4.3%	116	3.9%	938	6.9%	1,903	4.4%
Other	50	35.5%	1,503	50.4%	3,361	24.8%	18,474	43.2%
Total	141		2,984		13,554		42,768	

Table 32 shows the relationships between the transferors and transfer recipients for S04E permits and compares S04E permit transfers with all three Prince William Sound salmon permit types combined, statewide salmon set gillnet permits, and all limited entry permits from 1980 to 2023. Permit transfers between immediate family members and other relatives total 45% (63/141) of all transfers of S04E permits, compared to 33% (980/2,984) for all three Prince William Sound salmon permit types combined, 55% (7,427/13,554) for statewide salmon set gillnet permits, and 38% (16,253/42,768) for all limited entry permits statewide.

S04E Permit Value

Many permit transfers are non-monetary transactions (see Table 31). Table 33 only shows arms-length market transactions where permits are sold. CFEC estimated values are expressed in real (adjusted for inflation) terms.

Table 33. CFEC Estimated Value of Prince William Sound Salmon Set Gillnet Permits, 1987-2023

Year	S04E Permit Sales	Permit Value	Standard Deviation
1987	3	\$80,900	\$12,200
1988	0	\$128,000	\$58,400
1989	1	\$167,800	\$53,100
1990	1	\$201,900	\$50,000
1991	1	\$224,300	\$13,900
1992	1	\$223,200	\$11,200
1993	0	\$223,200	\$11,200
1994	0	\$131,700	\$62,100
1995	3	\$134,100	\$33,200
1996	2	\$110,900	\$34,800
1997	1	\$98,600	\$19,600
1998	2	\$107,100	\$11,200
1999	0	\$107,100	\$11,200
2000	4	\$109,000	\$11,600
2001	3	\$106,400	\$7,000
2002	1	\$100,400	\$10,800
2003	1	\$99,600	\$8,800
2004	3	\$103,400	\$3,300
2005	0	\$101,200	\$3,000
2006	1	\$97,800	\$4,100
2007	0	\$97,800	\$4,100
2008	1	\$87,700	\$9,000
2009	1	\$85,700	\$6,400
2010	0	\$87,600	\$4,800
2011	0	\$87,600	\$4,800
2012	1	\$87,100	\$3,400
2013	2	\$192,900	\$75,100
2014	1	\$276,200	\$130,300
2015	0	\$276,200	\$130,300
2016	0	\$276,200	\$130,300
2017	0	\$276,200	\$130,300
2018	0	\$276,200	\$130,300
2019	1	\$162,400	\$121,800
2020	1	\$206,100	\$112,000
2021	3	\$261,100	\$17,900
2022	1	\$238,700	\$19,400
2023	1	\$227,600	\$23,300

- Permit values represent averages of all arms-length sale transactions over the year.
- Real permit values were calculated using the 2024 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Emergency Transfers of S04E Permits

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

Table 36 and Figure 9 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 34. Use of Emergency Transfer Permits in the Prince William Sound Salmon Set Gillnet Fishery, 1975-2023

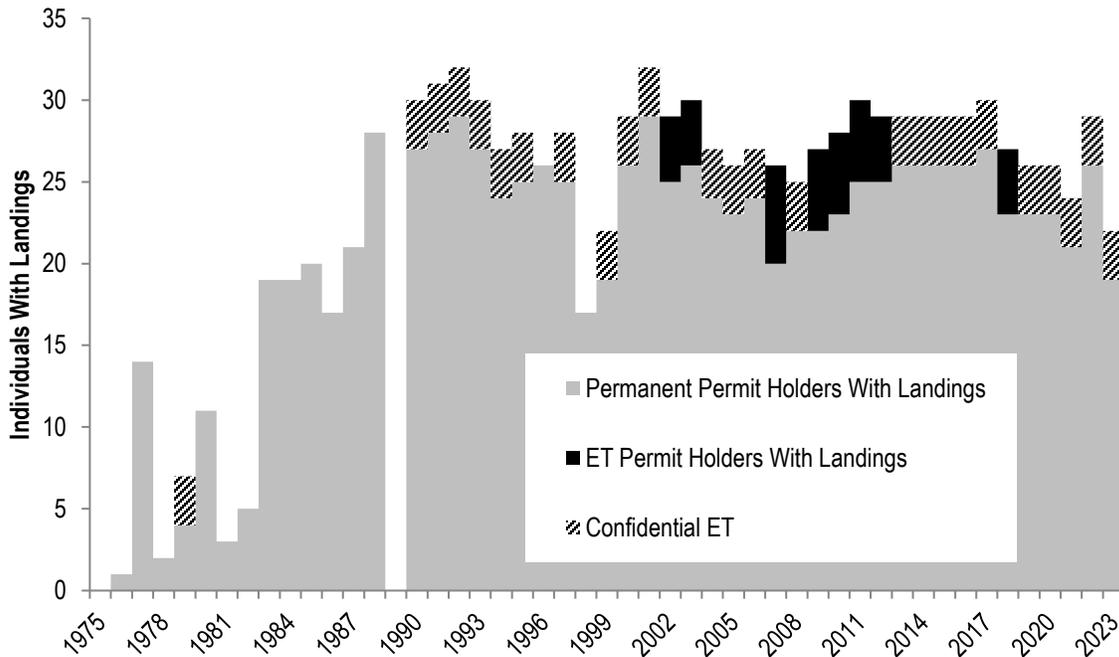
Year	Individuals With Landings	Landings by ET Permit Holders	ET Rate
1975	0	0	0.0%
1976	1	0	0.0%
1977	14	0	0.0%
1978	2	0	0.0%
1979	7	1 - 3	**
1980	11	0	0.0%
1981	3	0	0.0%
1982	5	0	0.0%
1983	19	0	0.0%
1984	19	0	0.0%
1985	20	0	0.0%
1986	17	0	0.0%
1987	21	0	0.0%
1988	28	0	0.0%
1989	0	0	0.0%
1990	30	1 - 3	**
1991	31	1 - 3	**
1992	32	1 - 3	**
1993	30	1 - 3	**
1994	27	1 - 3	**
1995	28	1 - 3	**
1996	26	0	0.0%
1997	28	1 - 3	**
1998	17	0	0.0%
1999	22	1 - 3	**
2000	29	1 - 3	**
2001	32	1 - 3	**
2002	29	4	13.8%
2003	30	4	13.3%

continued

Table 34. Use of Emergency Transfer Permits in the Prince William Sound Salmon Set Gillnet Fishery, 1975-2023

Year	Individuals With Landings	Landings by ET Permit Holders	ET Rate
2004	27	1 - 3	**
2005	26	1 - 3	**
2006	27	1 - 3	**
2007	26	6	23.1%
2008	25	1 - 3	**
2009	27	5	18.5%
2010	28	5	17.9%
2011	30	5	16.7%
2012	29	4	13.8%
2013	29	1 - 3	**
2014	29	1 - 3	**
2015	29	1 - 3	**
2016	29	1 - 3	**
2017	30	1 - 3	**
2018	27	4	14.8%
2019	26	1 - 3	**
2020	26	1 - 3	**
2021	24	1 - 3	**
2022	29	1 - 3	**
2023	22	1 - 3	**

Figure 9. Use of Emergency Transfer Permits in the Prince William Sound Salmon Set Gillnet Fishery, 1975-2023



- The 1989 fishing season was cut short due to the Exxon Valdez oil spill

DNR Shore Fishery Leases in the Prince William Sound Salmon Set Gillnet Fishery

The Alaska Department of Natural Resources (DNR) administers a shore fishery lease program for the use of state owned and managed tidelands by S04E permit holders. A shore fishery lease grants permit holders the first right of priority to fish a tract of tidelands but is not a requirement to commercially fish. In Prince William Sound, the DNR shore fishery lease program allows a permit holder to operate up to three nets with an aggregate of no more than 150 fathoms of length.⁹ Additional information regarding DNR shore fishery leases can be found in CFEC publication 23-5N.¹⁰

The total count of S04E permits, and S04E permits with a DNR shore fishery lease as of December 31 each year, is reported in Table 35.

Table 35. Prince William Sound Salmon Set Gillnet Permits With a DNR Shore Fishery Lease by Year, 1975-2023

Year	S04E Permits		
	Total Count	With DNR Lease Count	Percent
1975	26	14	53.8%
1976	28	15	53.6%
1977	29	15	51.7%
1978	28	14	50.0%
1979	30	15	50.0%
1980	30	16	53.3%
1981	31	18	58.1%
1982	30	19	63.3%
1983	30	19	63.3%
1984	30	19	63.3%
1985	30	19	63.3%
1986	30	17	56.7%
1987	30	18	60.0%
1988	30	21	70.0%
1989	30	25	83.3%
1990	30	23	76.7%
1991	30	24	80.0%
1992	30	24	80.0%
1993	30	26	86.7%
1994	30	26	86.7%
1995	30	25	83.3%
1996	30	22	73.3%
1997	30	24	80.0%
1998	30	24	80.0%
1999	30	23	76.7%
2000	30	23	76.7%

continued

⁹ See 5 AAC 24.331(b) (1) (A) and 5 AAC 24.331(b) (1) (D).

¹⁰ See CFEC Salmon Set Gillnet Permits and DNR Shore Fishery Leases in Prince William Sound, Cook Inlet, Kodiak, Alaska Peninsula, and Bristol Bay 1975-2022. CFEC Report No. 23-5N.

Table 35. Prince William Sound Salmon Set Gillnet Permits With a DNR Shore Fishery Lease by Year, 1975-2023

Year	S04E Permits		
	Total Count	With DNR Lease Count	Percent
2001	30	22	73.3%
2002	30	23	76.7%
2003	30	24	80.0%
2004	30	23	76.7%
2005	30	22	73.3%
2006	29	21	72.4%
2007	30	22	73.3%
2008	29	22	75.9%
2009	29	21	72.4%
2010	29	22	75.9%
2011	29	24	82.8%
2012	29	24	82.8%
2013	29	24	82.8%
2014	29	24	82.8%
2015	29	24	82.8%
2016	29	24	82.8%
2017	29	24	82.8%
2018	29	25	86.2%
2019	28	24	85.7%
2020	28	24	85.7%
2021	28	24	85.7%
2022	28	24	85.7%
2023	28	22	78.6%

Latent S04E 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) are referred to as "latent" permits for that year.

Table 36 lists the total number of viable S04E 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. Note that some permits could be active in the fishery but might not be used to record landings. This can occur when permit holders fish in a group, especially among family or friends, and the group records their landings on only one, or some, of the group's permits. Although this practice is not legal,¹¹ it allegedly occurs in the set gillnet fisheries at a rate higher than in other fisheries. The effect would be to under-count the number of permits active in the fishery, and over-estimate the latency rate. Additionally, individuals who hold a DNR Shore Fishery Lease are generally required by regulation to fish at least four openings in years when they hold a lease.¹² The 'Landings and/or DNR lease' column counts permits associated with either a DNR Shore Fishery Lease or a commercial landing.

Table 36. Prince William Sound Salmon Set Gillnet Permit Latency, 1975-2023

Year	Total Permits	Landings and/or DNR Lease	
		Count	Latency
1975	26	1 - 3	**
1976	28	5	82.1%
1977	29	16	44.8%
1978	28	5	82.1%
1979	30	11	63.3%
1980	30	13	56.7%
1981	31	9	71.0%
1982	30	11	63.3%
1983	30	18	40.0%
1984	30	20	33.3%
1985	30	21	30.0%
1986	30	18	40.0%
1987	30	22	26.7%
1988	30	28	6.7%
1989	30	1 - 3	**
1990	30	29	3.3%
1991	30	29	3.3%
1992	30	30	0.0%
1993	30	30	0.0%
1994	30	26	13.3%
1995	30	27	10.0%
1996	30	26	13.3%

continued

¹¹ See AS 16.05.680 (b) and AS 16.05.690 (b).

¹² See 11 AAC 64.180.

Table 36. Prince William Sound Salmon Set Gillnet Permit Latency, 1975-2023

Year	Total Permits	Landings and/or DNR Lease	
		Count	Latency
1997	30	27	10.0%
1998	30	18	40.0%
1999	30	23	23.3%
2000	30	29	3.3%
2001	30	30	0.0%
2002	30	28	6.7%
2003	30	28	6.7%
2004	30	28	6.7%
2005	30	27	10.0%
2006	29	26	10.3%
2007	30	26	13.3%
2008	29	26	10.3%
2009	29	27	6.9%
2010	29	29	0.0%
2011	29	29	0.0%
2012	29	29	0.0%
2013	29	28	3.4%
2014	29	29	0.0%
2015	29	29	0.0%
2016	29	29	0.0%
2017	29	29	0.0%
2018	29	27	6.9%
2019	28	26	7.1%
2020	28	26	7.1%
2021	28	25	10.7%
2022	28	26	7.1%
2023	28	22	21.4%

- When an individual with an interim-entry permit is issued a permanent permit in the same year, only the permanent permit is counted.
- 'Permit Landings and/or DNR Lease' is the number of CFEC permits that were used to record a landing, were associated with a DNR shore fishery lease, or both.

New Entrants in the Prince William Sound Salmon Set Gillnet Fishery

New entrants are defined herein as individuals who, for the first time, record a landing on a permanent S04E 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 37 and Figure 10 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 S04E permit one year, and then in subsequent years hold a different S04E 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 37. New Entrants into the Prince William Sound Salmon Set Gillnet Fishery, 1975-2023

Year	Individuals w/Landings	New Entrants	
		Count	Percent
1975	0	0	0.0%
1976	1	1 - 3	**
1977	13	12	92.3%
1978	2	1 - 3	**
1979	7	5	71.4%
1980	10	4	40.0%
1981	3	0	0.0%
1982	5	1 - 3	**
1983	19	12	63.2%
1984	19	5	26.3%
1985	20	5	25.0%
1986	17	1 - 3	**
1987	21	5	23.8%
1988	28	4	14.3%
1989	0	0	0.0%
1990	30	7	23.3%
1991	31	4	12.9%
1992	32	4	12.5%
1993	30	0	0.0%
1994	27	5	18.5%
1995	28	4	14.3%
1996	26	1 - 3	**
1997	28	1 - 3	**
1998	17	1 - 3	**
1999	22	1 - 3	**
2000	29	6	20.7%
2001	32	5	15.6%
2002	29	1 - 3	**

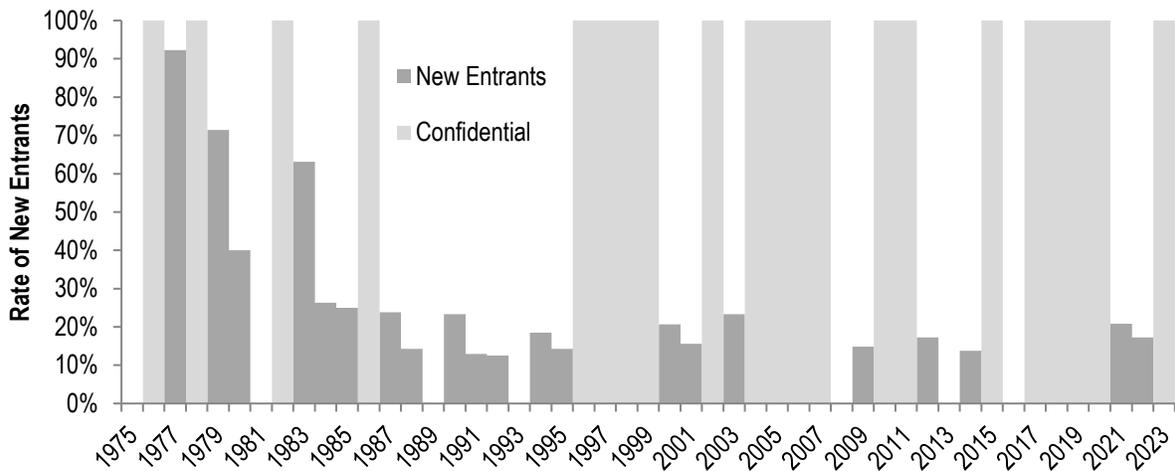
continued

Table 37. New Entrants into the Prince William Sound Salmon Set Gillnet Fishery, 1975-2023

Year	Individuals w/Landings	New Entrants	
		Count	Percent
2003	30	7	23.3%
2004	27	1 - 3	**
2005	26	1 - 3	**
2006	27	1 - 3	**
2007	26	1 - 3	**
2008	25	0	0.0%
2009	27	4	14.8%
2010	28	1 - 3	**
2011	30	1 - 3	**
2012	29	5	17.2%
2013	29	0	0.0%
2014	29	4	13.8%
2015	29	1 - 3	**
2016	29	0	0.0%
2017	30	1 - 3	**
2018	27	1 - 3	**
2019	26	1 - 3	**
2020	26	1 - 3	**
2021	24	5	20.8%
2022	29	5	17.2%
2023	22	1 - 3	**

- New Entrants excludes individuals with interim-entry and emergency transfer permits.
- When fewer than four permits make landings, counts are masked for confidentiality.

Figure 10. New Entrants into the Prince William Sound Salmon Set Gillnet Fishery, 1975-2023



- The 1989 fishing season was cut short due to the Exxon Valdez oil spill.

Age of S04E Permit Holders

Table 38 shows the annual mean age of five different cohorts of people: 1) Prince William Sound salmon set gillnet (S04E) permit holders; 2) all three (S01E, S03E, and S04E) Prince William Sound salmon permit holders; 3) statewide salmon set gillnet permit holders; 4) all CFEC limited entry permit holders; and 5) the general Alaskan population.

Note that these figures include ages of permit holders for both transferable and non-transferable permits; however, there was only one non-transferable S04E permit 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.

Between 1980 and 2023, the mean age of the Alaska working age population increased 5.7 years, 14.3 years for all CFEC permit holders, 12.6 years for statewide set gillnet permit holders, 9.5 years for the combined Prince William Sound permit holders, and 2 years for S04E permit holders.

Table 38. Mean Age of Select CFEC Permit Holders and the General Alaskan Population, 1980-2023

Year	S04E	Prince William Sound Combined Salmon	Statewide Salmon Set Gillnet	Statewide All Permits	Mean Alaska Worker Age
1980	41.3	39.6	37.9	38.9	33.4
1981	41.3	39.2	38.0	39.9	33.5
1982	41.3	38.8	38.2	40.0	33.6
1983	39.9	38.8	38.0	40.2	33.7
1984	38.5	39.2	38.2	40.4	33.8
1985	40.4	39.6	38.5	40.8	34.0
1986	39.7	40.0	38.8	41.0	34.2
1987	40.2	40.1	39.0	40.9	34.5
1988	37.1	40.4	39.3	41.2	34.9
1989	39.8	40.8	39.9	41.5	35.3
1990	40.3	41.2	40.0	42.0	35.5
1991	41.7	41.6	40.5	42.5	35.9
1992	42.1	42.7	40.8	42.9	36.2
1993	43.1	43.5	41.2	43.5	36.5
1994	43.8	44.3	41.5	44.0	36.7
1995	43.8	44.6	41.9	44.4	37.0
1996	44.2	44.9	42.3	44.8	37.2
1997	43.9	45.5	42.6	45.1	37.4
1998	44.9	45.8	43.1	45.6	37.6
1999	45.9	46.0	43.4	46.0	37.8
2000	44.3	46.0	43.7	46.4	37.9
2001	45.1	46.8	44.1	46.9	38.1
2002	44.6	47.4	44.8	47.4	38.3
2003	45.0	47.7	45.2	47.9	38.4
2004	45.9	48.3	45.4	48.2	38.6

continued

Table 38. Mean Age of Select CFEC Permit Holders and the General Alaskan Population, 1980-2023

Year	S04E	Prince William Sound Combined Salmon	Statewide Salmon Set Gillnet	Statewide All Permits	Mean Alaska Worker Age
2005	45.7	48.7	45.4	48.4	38.7
2006	47.7	48.9	45.6	48.7	38.8
2007	48.1	49.0	45.9	48.9	38.9
2008	46.7	48.5	45.9	49.0	39.0
2009	47.9	48.8	46.1	49.3	39.1
2010	46.6	47.8	46.3	49.5	39.2
2011	46.5	47.5	46.6	49.6	39.3
2012	45.1	47.2	47.0	49.8	39.4
2013	42.6	47.6	47.0	50.0	39.4
2014	42.8	47.5	47.2	50.2	39.5
2015	43.9	47.9	47.6	50.6	39.5
2016	44.9	48.2	48.0	50.9	39.5
2017	46.8	48.4	48.2	51.3	40.1
2018	46.7	48.8	48.4	51.7	40.1
2019	46.7	48.9	48.8	51.9	40.1
2020	46.2	48.9	49.2	52.3	40.0
2021	45.9	49.0	49.5	52.6	39.9
2022	44.0	49.1	49.9	52.8	39.5
2023	43.3	49.2	50.5	53.2	39.1

- AK mean worker age data is from the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Participation and Earnings

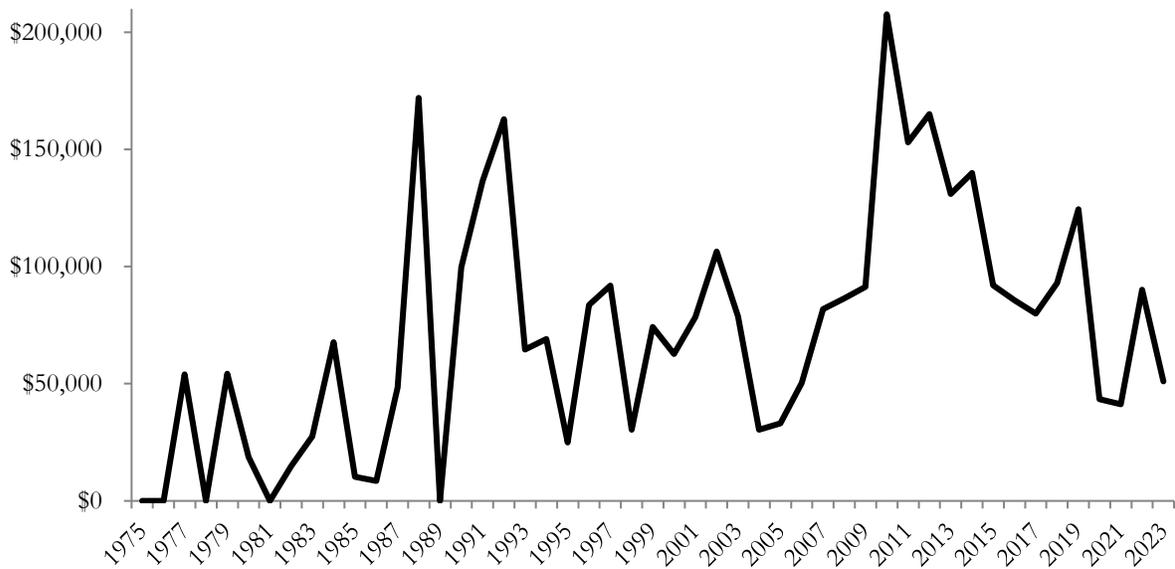
Earnings are estimated from average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 11 are for both nominal and real dollars using the 2024 Consumer Price Index from the U.S. Bureau of Labor Statistics.

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 was in 1981. 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 39 reports the number of permits, permits with landings, and estimated gross earnings in the Prince William Sound 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 40 reports the number of permit holders and estimated real (inflation adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Figure 11. Estimated Real Average Gross Earnings Per Prince William Sound Salmon Set Gillnet Permit, 1975-2023



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

Table 39. Estimated Total Gross Earnings (Real and Nominal) for the Prince William Sound Salmon Set Gillnet Fishery, With Average Gross Earnings (Real) by Permit, 1975-2023

Year	Permits Issued	Total Gross Earnings		Permits With Landings	Average Real Earnings
		Nominal	Real		
1975	26	\$0	\$0	0	\$0
1976	28	**	**	1 - 3	**
1977	29	\$147,679	\$756,148	14	\$54,011
1978	28	\$32,434	\$154,296	1 - 3	**
1979	30	\$87,472	\$374,034	7	\$54,304
1980	30	\$54,760	\$206,302	11	\$18,755
1981	31	\$19,029	\$64,948	1 - 3	**
1982	30	\$23,195	\$74,575	5	\$14,915
1983	30	\$150,309	\$468,464	17	\$27,557
1984	30	\$429,782	\$1,283,431	19	\$67,684
1985	30	\$71,439	\$206,064	20	\$10,303
1986	30	\$51,502	\$145,724	17	\$8,572
1987	30	\$372,486	\$1,017,529	21	\$48,454
1988	30	\$1,835,877	\$4,817,588	28	\$172,057
1989	30	\$0	\$0	0	\$0
1990	30	\$1,217,979	\$2,893,222	29	\$99,766
1991	30	\$1,738,039	\$3,961,575	29	\$136,606
1992	30	\$2,210,370	\$4,889,455	30	\$162,982
1993	30	\$902,332	\$1,938,441	30	\$64,615
1994	30	\$857,692	\$1,795,928	26	\$69,074
1995	30	\$330,874	\$673,914	27	\$24,960
1996	30	\$1,099,263	\$2,175,070	26	\$83,657
1997	30	\$1,282,756	\$2,480,165	27	\$91,858
1998	30	\$271,304	\$516,565	17	\$30,386
1999	30	\$876,414	\$1,632,889	22	\$74,222
2000	30	\$1,008,002	\$1,816,889	29	\$62,651
2001	30	\$471,344	\$826,307	30	\$78,419
2002	30	\$451,857	\$779,703	28	\$106,398
2003	30	\$473,498	\$798,693	28	\$78,658
2004	30	\$499,698	\$820,986	27	\$30,407
2005	30	\$540,779	\$859,549	26	\$33,060
2006	29	\$849,458	\$1,308,038	26	\$50,309
2007	30	\$1,365,898	\$2,044,586	25	\$81,783
2008	29	\$1,498,602	\$2,160,795	25	\$86,432
2009	29	\$1,704,971	\$2,466,254	27	\$91,343
2010	29	\$4,085,598	\$5,814,688	28	\$207,667
2011	29	\$3,215,004	\$4,436,358	29	\$152,978
2012	29	\$3,541,396	\$4,787,491	29	\$165,086
2013	29	\$2,751,729	\$3,666,221	28	\$130,936

continued

Table 39. Estimated Total Gross Earnings (Real and Nominal) for the Prince William Sound Salmon Set Gillnet Fishery, With Average Gross Earnings (Real) by Permit, 1975-2023

Year	Permits Issued	Total Gross Earnings		Permits With Landings	Average Real Earnings
		Nominal	Real		
2014	29	\$3,094,233	\$4,057,011	29	\$139,897
2015	29	\$2,038,046	\$2,668,957	29	\$92,033
2016	29	\$1,921,953	\$2,485,426	29	\$85,704
2017	29	\$1,831,722	\$2,319,306	29	\$79,976
2018	29	\$1,956,120	\$2,417,846	26	\$92,994
2019	28	\$2,665,334	\$3,235,791	26	\$124,453
2020	28	\$942,215	\$1,129,763	26	\$43,452
2021	28	\$864,969	\$990,752	24	\$41,281
2022	28	\$2,209,490	\$2,343,507	26	\$90,135
2023	28	\$1,102,150	\$1,122,655	22	\$51,030

- 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.
- When fewer than four permits make landings, earnings are masked (**) due to reasons of confidentiality.
- The 1989 fishing season was cut short due to the Exxon Valdez oil spill.

Table 40. Estimated Real Gross Earnings for Permit Holders in the Prince William Sound Salmon Set Gillnet Fishery by Resident Type, 1975-2023

Year	Local			Nonlocal			Nonresident			Totals		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
1976	1 - 3	**	**	0	\$0	\$0	0	\$0	\$0	1 - 3	**	**
1977	7	\$66,103	\$462,721	1 - 3	**	**	5	\$45,408	\$227,041	14	\$54,011	\$756,148
1978	1 - 3	**	**	0	\$0	\$0	0	\$0	\$0	1 - 3	**	**
1979	6	\$54,691	\$328,144	0	\$0	\$0	1 - 3	**	**	7	\$54,304	\$380,130
1980	6	\$16,656	\$99,937	1 - 3	**	**	1 - 3	**	**	11	\$18,755	\$206,302
1981	1 - 3	**	**	1 - 3	**	**	1 - 3	**	**	1 - 3	**	**
1982	4	\$10,683	\$42,733	1 - 3	**	**	0	\$0	\$0	5	\$14,915	\$74,575
1983	11	\$23,634	\$259,970	6	\$31,149	\$186,893	1 - 3	**	**	19	\$24,656	\$468,464
1984	10	\$61,982	\$619,821	8	\$76,361	\$610,886	1 - 3	**	**	19	\$67,684	\$1,286,003
1985	8	\$8,346	\$66,769	11	\$11,951	\$131,463	1 - 3	**	**	20	\$10,303	\$206,064
1986	4	\$6,143	\$24,574	12	\$9,878	\$118,541	1 - 3	**	**	17	\$8,572	\$145,724
1987	6	\$36,207	\$217,240	12	\$62,920	\$755,039	1 - 3	**	**	21	\$48,454	\$1,017,529
1988	12	\$148,498	\$1,781,977	12	\$185,232	\$2,222,789	4	\$203,205	\$812,822	28	\$172,057	\$4,817,588
1989	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
1990	13	\$90,852	\$1,181,078	14	\$103,488	\$1,448,826	1 - 3	**	**	30	\$96,441	\$2,893,222
1991	11	\$84,489	\$929,375	15	\$165,219	\$2,478,279	5	\$110,784	\$553,921	31	\$127,793	\$3,961,575
1992	13	\$136,901	\$1,779,715	15	\$160,815	\$2,412,224	4	\$174,379	\$697,517	32	\$152,795	\$4,889,455
1993	12	\$53,081	\$636,969	14	\$75,408	\$1,055,711	4	\$61,440	\$245,761	30	\$64,615	\$1,938,441
1994	9	\$42,694	\$384,243	15	\$83,253	\$1,248,792	1 - 3	**	**	27	\$66,516	\$1,795,928
1995	10	\$16,498	\$164,980	15	\$28,708	\$430,613	1 - 3	**	**	28	\$24,068	\$673,914
1996	8	\$55,379	\$443,035	14	\$99,901	\$1,398,616	4	\$83,355	\$333,419	26	\$83,657	\$2,175,070
1997	9	\$60,201	\$541,810	15	\$103,824	\$1,557,363	4	\$95,248	\$380,992	28	\$88,577	\$2,480,165
1998	4	\$28,820	\$115,279	13	\$30,868	\$401,286	0	\$0	\$0	17	\$30,386	\$516,565
1999	6	\$71,061	\$426,365	13	\$75,052	\$975,677	1 - 3	**	**	22	\$74,222	\$1,632,889
2000	9	\$63,465	\$571,186	15	\$62,317	\$934,756	5	\$62,189	\$310,946	29	\$62,651	\$1,816,889
2001	6	\$102,824	\$616,941	20	\$63,314	\$1,266,286	6	\$78,224	\$469,341	32	\$73,518	\$2,352,569
2002	5	\$129,384	\$646,919	18	\$101,885	\$1,833,926	6	\$83,049	\$498,294	29	\$102,729	\$2,979,140

continued

Table 40. Estimated Real Gross Earnings for Permit Holders in the Prince William Sound Salmon Set Gillnet Fishery by Resident Type, 1975-2023

Year	Local			Nonlocal			Nonresident			Totals		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
2003	7	\$87,961	\$615,730	17	\$70,836	\$1,204,215	6	\$63,747	\$382,479	30	\$73,414	\$2,202,423
2004	7	\$45,366	\$317,565	15	\$24,788	\$371,825	5	\$26,319	\$131,596	27	\$30,407	\$820,986
2005	5	\$35,495	\$177,475	16	\$29,136	\$466,174	5	\$43,180	\$215,900	26	\$33,060	\$859,549
2006	7	\$45,158	\$316,109	15	\$44,098	\$661,465	5	\$66,093	\$330,463	27	\$48,446	\$1,308,038
2007	7	\$78,837	\$551,860	14	\$73,815	\$1,033,409	5	\$91,864	\$459,318	26	\$78,638	\$2,044,586
2008	7	\$112,182	\$785,273	14	\$82,666	\$1,157,322	4	\$54,550	\$218,200	25	\$86,432	\$2,160,795
2009	7	\$143,148	\$1,002,039	17	\$69,745	\$1,185,663	1 - 3	**	**	27	\$91,343	\$2,466,254
2010	7	\$283,538	\$1,984,765	16	\$193,229	\$3,091,663	5	\$147,652	\$738,261	28	\$207,667	\$5,814,688
2011	5	\$281,980	\$1,409,899	21	\$117,964	\$2,477,239	4	\$137,305	\$549,220	30	\$147,879	\$4,436,358
2012	6	\$194,898	\$1,169,388	19	\$162,283	\$3,083,374	4	\$133,682	\$534,730	29	\$165,086	\$4,787,491
2013	7	\$166,165	\$1,163,158	18	\$115,611	\$2,080,993	4	\$105,518	\$422,071	29	\$126,421	\$3,666,221
2014	6	\$115,045	\$690,272	17	\$150,479	\$2,558,139	6	\$134,767	\$808,600	29	\$139,897	\$4,057,011
2015	4	\$73,969	\$295,876	17	\$100,514	\$1,708,745	8	\$83,042	\$664,335	29	\$92,033	\$2,668,957
2016	4	\$77,426	\$309,705	17	\$89,893	\$1,528,184	8	\$80,942	\$647,537	29	\$85,704	\$2,485,426
2017	4	\$61,231	\$244,923	17	\$86,332	\$1,467,638	9	\$67,416	\$606,745	30	\$77,310	\$2,319,306
2018	4	\$61,859	\$247,436	14	\$92,096	\$1,289,342	9	\$97,896	\$881,068	27	\$89,550	\$2,417,846
2019	5	\$99,530	\$497,648	13	\$134,445	\$1,747,790	8	\$123,794	\$990,352	26	\$124,453	\$3,235,791
2020	7	\$34,183	\$239,279	12	\$51,787	\$621,450	7	\$38,433	\$269,034	26	\$43,452	\$1,129,763
2021	1 - 3	**	**	11	\$51,149	\$562,639	10	\$33,066	\$330,665	24	\$41,281	\$990,752
2022	5	\$48,296	\$241,479	13	\$112,156	\$1,458,029	11	\$58,545	\$643,998	29	\$80,811	\$2,343,507
2023	1 - 3	**	**	12	\$59,548	\$714,577	7	\$39,565	\$276,958	22	\$51,030	\$1,122,655

- Adjusted for inflation to 2024 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Note that these counts are for individuals, not permits.
- When fewer than four permits make landings, earnings in another column are masked (**) for confidentiality.
- The 1989 fishing season was cut short due to the Exxon Valdez oil spill.

Permit Holdings in Multiple Prince William Sound 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 41 provides counts and percentages of permit holders who were issued permits in one or more Prince William Sound salmon fisheries.

Table 41. Initial Permit Issuance in Multiple Prince William Sound Salmon Fisheries

Permit Type	One		Two		Three		Total
	Number	Percent	Number	Percent	Number	Percent	
S01E	44	16.5%	216	80.9%	7	2.6%	267
S03E	301	56.1%	229	42.6%	7	1.3%	537
S04E	8	26.7%	15	50%	7	23.3%	30
Total	353	59.8%	230	39%	7	1.2%	590

Table 42 provides counts of permit holders who recorded landings in either one or more than one Prince William Sound salmon fishery. Please note that very few individuals made landings in all three fisheries, for which reason they are combined in the 2+ column.

Table 42. Participation in Multiple Prince William Sound Salmon Fisheries, 1975-2023

Year	Purse Seine		Drift Gillnet		Set Gillnet	
	1 only	2+	1 only	2+	1 only	2+
1975	40	180	262	180	0	0
1976	71	191	307	191	**	1 - 3
1977	52	181	319	189	5	9
1978	49	154	374	154	**	1 - 3
1979	87	160	355	163	1 - 3	**
1980	127	114	282	115	7	4
1981	133	138	354	137	1 - 3	1 - 3
1982	122	138	405	139	**	1 - 3
1983	133	135	406	137	**	1 - 3
1984	127	137	402	140	**	1 - 3
1985	158	111	447	112	**	1 - 3
1986	153	98	449	98	17	0
1987	158	105	425	105	21	0
1988	166	92	447	95	**	1 - 3
1989	172	75	427	75	0	0
1990	191	87	455	88	**	1 - 3
1991	168	87	440	87	31	0

continued

Table 42. Participation in Multiple Prince William Sound Salmon Fisheries, 1975-2023

Year	Purse Seine		Drift Gillnet		Set Gillnet	
	1 only	2+	1 only	2+	1 only	2+
1992	124	85	451	86	**	1 - 3
1993	94	52	470	53	**	1 - 3
1994	99	73	449	73	27	0
1995	116	73	459	74	**	1 - 3
1996	56	34	487	34	26	0
1997	70	45	487	47	**	1 - 3
1998	91	58	474	59	**	1 - 3
1999	83	56	478	57	**	1 - 3
2000	78	54	480	57	25	4
2001	92	55	470	57	**	1 - 3
2002	78	43	482	47	25	4
2003	68	37	478	41	24	6
2004	69	36	480	40	23	4
2005	64	37	472	42	21	5
2006	72	39	459	44	22	5
2007	82	40	466	43	**	1 - 3
2008	103	41	474	44	**	1 - 3
2009	99	55	480	59	23	4
2010	120	57	487	61	24	4
2011	136	49	482	52	**	1 - 3
2012	171	55	487	58	**	1 - 3
2013	161	52	485	55	**	1 - 3
2014	179	49	493	50	**	1 - 3
2015	169	52	476	54	**	1 - 3
2016	158	54	479	55	**	1 - 3
2017	178	54	460	55	**	1 - 3
2018	188	49	467	50	**	1 - 3
2019	192	52	463	54	**	1 - 3
2020	175	49	442	52	**	1 - 3
2021	170	44	432	47	**	1 - 3
2022	163	46	407	49	**	1 - 3
2023	168	45	404	45	22	0

** counts are masked for confidentiality.