

CFEC Permit Holdings and Estimates of Gross  
Earnings in the Prince William Sound  
Commercial Salmon Fisheries, 1975-2020

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November 2021

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## **Abstract**

Limited entry permits held in the Prince William Sound commercial salmon fisheries are examined: the purse seine fishery (S01E permits) is first, followed by drift gillnet (S03E permits), and then set gillnet (S04E permits). This report includes summary statistics on the number of permit holdings, permanent and emergency transfers of permits, permit value, permit latency, new entrants in the fisheries, permit holder median age, estimated gross earnings, vessel characteristics for the purse and drift gillnet fisheries, and DNR shore fishery leases for the set gillnet fishery. Some summary statistics are also separated by resident type. A description of the computer files and methods used to generate the statistics are provided.

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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.<sup>1</sup> 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 regulations<sup>2</sup>. 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.

ADF&G fish tickets identify, among other things, the species harvested. Salmon species on fish tickets are well documented for each of these fisheries. Variations do exist in the financial composition for each of the five major Pacific salmon species commercially exploited in Prince William Sound from year to year and across each fishery. For each of the three gear groups, commercial harvest of species other than salmon were documented at rates less than 0.1% so they are not displayed in Table 1.

**Table 1. Percent of Total Ex-vessel Value of Prince William Sound Salmon Fisheries by Species, 1975-2020**

<b>Species</b>	<b>PWS Purse Seine</b>	<b>PWS Drift Gillnet</b>	<b>PWS Set Gillnet</b>	<b>Total PWS Salmon</b>
<i>Chinook</i>	0.0%	8.7%	0.1%	4.2%
<i>sockeye</i>	2.4%	60.7%	81.3%	32.1%
<i>coho</i>	1.3%	14.7%	1.7%	7.8%
<i>pink</i>	85.1%	3.3%	6.9%	44.0%
<i>chum</i>	11.1%	12.7%	10.0%	11.9%

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

<sup>2</sup> See 20 AAC 05.300.

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

Five data files were used to generate the statistics in this report: the CFEC gross earnings file, the CFEC permit file, the CFEC vessel file, the Alaska Department of Natural Resources (DNR) shore fishery lease file, and the CFEC Census file. In addition to these files, a shape file from the DNR was combined with geographic information systems to create a map depicting set gillnet sites that have active DNR shore fishery leases. The most recent updated data is included in this report. The following is a brief description of each file. Please contact CFEC for more detail about these files if you are interested.

### CFEC Gross Earnings File

The CFEC gross earnings file is based on ADF&G fish tickets and is augmented with CFEC permit holder and other data. The ex-vessel value for salmon in the CFEC gross earnings file largely come from the Commercial Operators Annual Report and ADF&G fish tickets with some additional information provided by processors. ADF&G salmon districts were mapped out from statistical areas using information provided by ADF&G.

### CFEC Permit File

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

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

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

### CFEC Vessel File

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

### DNR Shore Fishery Lease Data File

The DNR Land Administration System contains records used to maintain the DNR Shore Fishery Lease program. These records were merged with the CFEC permit file to create a dataset in 2021. The steps outlining the creation of the dataset is described in CFEC Report Number 19-3N, *CFEC Salmon Set Gillnet Permits and DNR Shore Fishery Leases in Prince William Sound, Cook Inlet, Kodiak, Alaska Peninsula, and Bristol Bay 1975-2018*.

## CFEC Census File

CFEC maintains a computer file of places within Alaska where permit holders reside. Each community is annotated with information on its local or nonlocal status by permit fishery. Table 2 lists the communities that are currently designated as local to each of the management areas in this report, as per the 2010 CFEC Census File.

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

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. As such, rounded aggregates may appear to not total due to rounding. If you would like more precise figures then please contact the CFEC research unit. Some counts will vary from previous research projects insofar as the data has been corrected and updated.

## 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 indicates the initial distribution and historical 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 21.0% (56/267). Every permit issued was a transferable permit.

**Table 3. Initial Issuance and Year-end 2020 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		2020 YEAR-END	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percentage
Local	184	68.9%	-51	-27.7%	-45	-24.5%	0	0.0%	88	33.0%
Nonlocal	27	10.1%	62	229.6%	13	48.1%	0	0.0%	102	38.2%
Nonresident	56	21.0%	-11	-19.6%	32	57.1%	0	0.0%	77	28.8%
<b>Total</b>	<b>267</b>	<b>100.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>267</b>	<b>100.0%</b>

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled (such as when a permit holder does not pay the renewal fee for two consecutive years). This table indicates the extent to which these factors have contributed to net changes in permit holdings in this fishery. 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.<sup>3</sup> The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

**Table 4. Transfer Acquisition Methods for Prince William Sound Salmon Purse Seine Permits, 1980-2020**

Acquisition Method	S01E Permits		PWS Combined Salmon Permits		Statewide Salmon Purse Seine Permits		All Fisheries Statewide Permits	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	287	29.6%	709	25.5%	1,093	27.6%	13,099	32.5%
Sale	601	62.0%	1,874	67.3%	2,501	63.1%	23,650	58.6%
Trade	13	1.3%	32	1.1%	64	1.6%	528	1.3%
Other	69	7.1%	169	6.1%	304	7.7%	3,086	7.6%
<b>Total</b>	<b>970</b>		<b>2,784</b>		<b>3,962</b>		<b>40,363</b>	

Table 4 compares and contrasts 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 2020. More than half of all S01E permit transfers were sales (62%, or 601/970), just under one third were transferred as gifts (29.6% or 287/970), and a smaller percentage were trades (1.3% or 13/970) or other (7.1% or 69/970). The annual acquisition methods for S01E permits have not changed substantially throughout the time period.<sup>4</sup>

**Table 5. Relationships of Transferor to Transfer Recipients for Prince William Sound Salmon Purse Seine Permits, 1980-2020**

Relationship	S01E Permits		PWS Combined Salmon Permits		Statewide Salmon Purse Seine Permits		All Fisheries Statewide Permits	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Business Partner/Friend</i>	152	15.7%	466	16.7%	700	18.2%	7,528	18.4%
<i>Member of Immediate Family</i>	332	34.2%	809	29.1%	1,266	32.0%	13,614	33.8%
<i>Other Relative</i>	40	4.1%	105	3.8%	150	4.0%	1,812	4.6%
<i>Other</i>	446	46.0%	1,404	50.4%	1,846	45.8%	17,409	43.1%
<b>Total</b>	<b>970</b>		<b>2,784</b>		<b>3,962</b>		<b>40,363</b>	

Table 5 shows the relationships between the transferors and transfer recipients for S01E permits, and compares and contrasts 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 2020. Transfers within the family, both immediate family members and other relatives, total 34.2% (332/970) of all transfers. This compares to 29.1% (809/2,784) for all three Prince William Sound salmon permit types combined, 32% (1,266/3,962) for statewide salmon purse seine permits, and 33.8% (13,614/40,363) for all limited entry permits statewide.

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

<sup>4</sup> See *Changes in the Distribution of Alaska’s Commercial Fisheries Entry Permits, 1975-2020*, CFEC Report No. 21-1N.

## S01E Permit Value

Many permit transfers are non-monetary transactions (see Table 4). Table 6 considers solely the arms-length market transactions where permits are sold. CFEC estimated values are expressed in real (adjusted for inflation) terms. More detailed information on permit values can be found on the CFEC website at: [Prince William Sound Purse Seine Estimated Permit Values](#)

**Table 6. CFEC Estimated Value of Prince William Sound Salmon Purse Seine Permits 1982-2020**

Year	S01E Permit Sales	Real	
		Permit Value	Standard Deviation
1982	13	\$269,210	\$0
1983	13	\$382,744	\$0
1984	10	\$337,513	\$0
1985	15	\$271,331	\$0
1986	11	\$240,083	\$0
1987	19	\$210,900	\$53,900
1988	17	\$328,600	\$68,100
1989	6	\$507,600	\$126,400
1990	6	\$557,000	\$43,500
1991	10	\$421,300	\$49,200
1992	19	\$186,600	\$19,700
1993	9	\$163,800	\$41,200
1994	15	\$63,300	\$16,000
1995	6	\$112,300	\$20,600
1996	6	\$57,400	\$9,000
1997	16	\$60,300	\$7,800
1998	9	\$59,700	\$9,100
1999	10	\$36,800	\$3,900
2000	18	\$34,000	\$3,600
2001	10	\$33,500	\$4,200
2002	7	\$29,700	\$7,200
2003	3	\$19,700	\$3,100
2004	6	\$19,700	\$2,000
2005	11	\$26,200	\$3,100
2006	12	\$34,500	\$2,400
2007	15	\$39,600	\$5,200
2008	31	\$86,800	\$30,400
2009	6	\$97,500	\$21,300
2010	19	\$121,000	\$31,900
2011	26	\$165,700	\$12,100
2012	13	\$195,600	\$11,200
2013	18	\$191,900	\$25,800
2014	10	\$229,900	\$12,600
2015	10	\$209,700	\$16,500
2016	13	\$164,000	\$5,100
2017	17	\$167,800	\$8,100
2018	13	\$174,900	\$6,700
2019	13	\$180,500	\$7,300
2020	11	\$153,900	\$17,900

- Permit values represent averages of all arms-length sale transactions over the year. Beginning in 1991, additional data from recent months in the preceding year may be included until at least four observations can be averaged.
- The Standard Deviation was not calculated prior to 1987.
- Real permit values were calculated using the 2021 Consumer Price Index from the U.S. Bureau of Labor Statistics.

## Emergency Transfers of S01E Permits

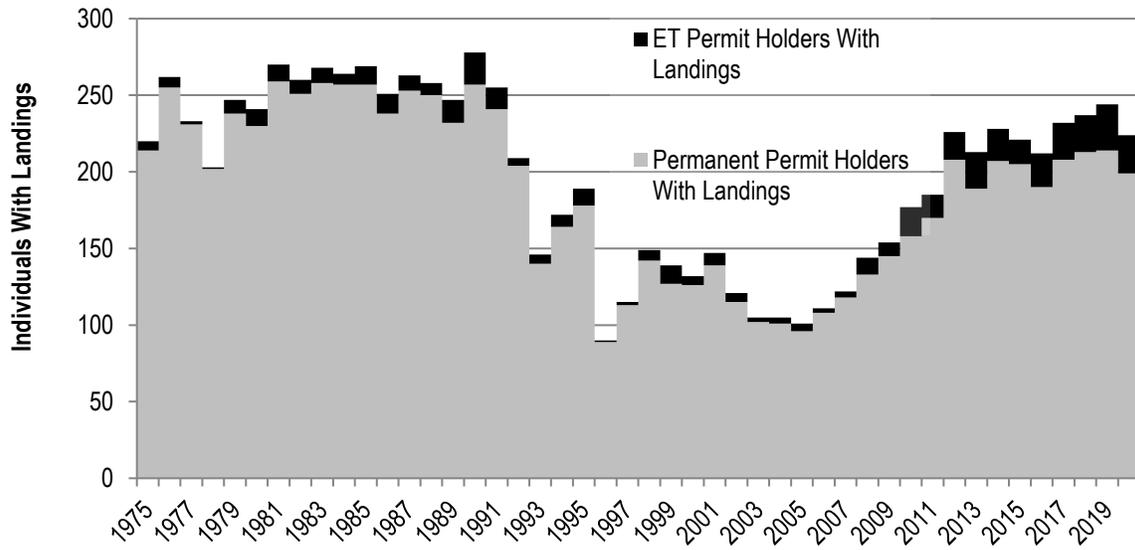
Commercial landings can be made with either permanently-held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected,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

Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET
1975	220	6	2.7%
1976	262	7	2.7%
1977	233	2	0.9%
1978	203	1	0.5%
1979	247	9	3.6%
1980	241	11	4.6%
1981	270	11	4.1%
1982	260	9	3.5%
1983	268	10	3.7%
1984	264	7	2.7%
1985	269	12	4.5%
1986	251	13	5.2%
1987	263	10	3.8%
1988	258	8	3.1%
1989	247	15	6.1%
1990	278	21	7.6%
1991	255	14	5.5%
1992	209	5	2.4%
1993	146	6	4.1%
1994	172	8	4.7%
1995	189	11	5.8%
1996	90	1	1.1%
1997	115	2	1.7%
1998	149	7	4.7%
1999	139	12	8.6%
2000	132	6	4.5%
2001	147	8	5.4%
2002	121	6	5.0%
2003	105	3	2.9%
2004	105	4	3.8%
2005	101	5	5.0%
2006	111	3	2.7%
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	226	18	8.0%
2013	213	24	11.3%
2014	228	21	9.2%
2015	221	16	7.2%
2016	212	22	10.4%
2017	232	24	10.3%
2018	237	24	10.1%
2019	244	30	12.3%
2020	224	25	11.2%

Figure 1. Use of Emergency Transfer Permits in the Prince William Sound Salmon Purse Seine Fishery, 1975-2020



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

## Latent S01E Permits

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

Table 8 indicates 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 depicted in Figure 2.

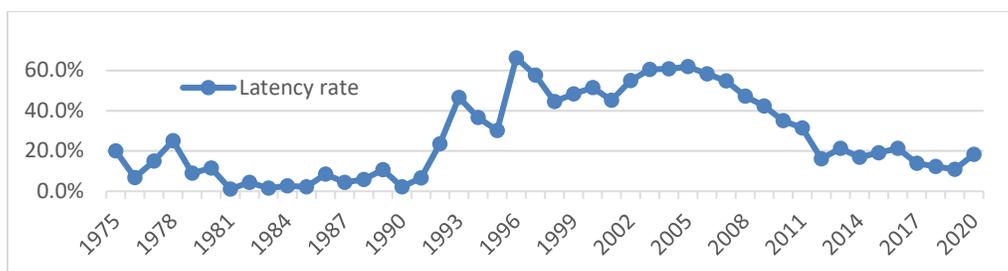
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

**Table 8. Prince William Sound Salmon Purse Seine Permit Latency, 1975-2020**

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	274	219	20.1%	1990	271	265	2.2%	2005	266	101	62.0%
1976	278	259	6.8%	1991	271	253	6.6%	2006	266	111	58.3%
1977	273	232	15.0%	1992	271	207	23.6%	2007	266	120	54.9%
1978	271	203	25.1%	1993	270	144	46.7%	2008	267	141	47.2%
1979	268	244	9.0%	1994	270	171	36.7%	2009	267	154	42.3%
1980	270	239	11.5%	1995	268	187	30.2%	2010	268	174	35.1%
1981	270	267	1.1%	1996	267	90	66.3%	2011	267	183	31.5%
1982	270	258	4.4%	1997	269	114	57.6%	2012	267	224	16.1%
1983	270	266	1.5%	1998	267	148	44.6%	2013	267	210	21.3%
1984	269	262	2.6%	1999	267	138	48.3%	2014	267	222	16.9%
1985	271	265	2.2%	2000	268	130	51.5%	2015	267	216	19.1%
1986	271	248	8.5%	2001	268	147	45.1%	2016	267	210	21.3%
1987	269	257	4.5%	2002	267	120	55.1%	2017	267	230	13.9%
1988	271	255	5.9%	2003	266	105	60.5%	2018	267	234	12.4%
1989	270	241	10.7%	2004	266	104	60.9%	2019	267	238	10.9%
								2020	267	218	18.4%

- 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, 1975-2020**



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

## New Entrants into 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 in order to become an initial permit holder of a limited entry permit. Individuals who only make landings on an emergency transfer or interim-entry permit for any given year are not considered in this table.

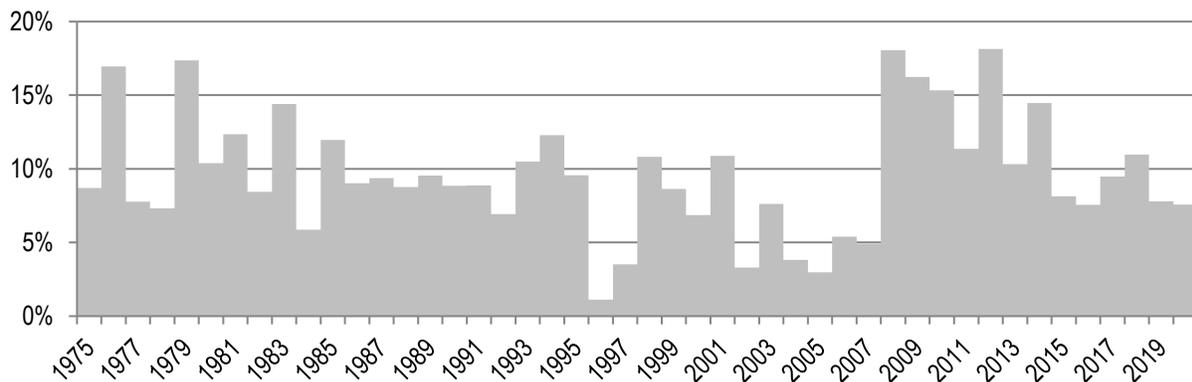
Table 9 and Figure 3 describe individuals rather than permits. An individual may hold up to two permits in this fishery, but can only fish one of them. An individual may hold one S01E permit one year, and then in subsequent years hold a different S01E permit. Likewise, individuals may enter and exit the fishery multiple times over the years. Individuals are only counted once as a new entrant and only in the year in which they made their first documented landing.

**Table 9. New Entrants into the Prince William Sound Salmon Purse Seine Fishery, 1975-2020**

Year	Individuals w/Landings	New	New Percent
1975	161	14	8.7%
1976	230	39	17.0%
1977	219	17	7.8%
1978	191	14	7.3%
1979	236	41	17.4%
1980	231	24	10.4%
1981	259	32	12.4%
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	23	9.5%
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	1.1%
1997	114	4	3.5%
1998	148	16	10.8%
1999	139	12	8.6%
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	3	3.0%
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%

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

**Figure 3. New Entrants into the Prince William Sound Salmon Purse Seine Fishery, 1975-2020**



## Age of S01E Permit Holders

**Table 10. Median Age of Select CFEC Permit Holders and the General Alaskan Population**

Year	S01E	Combined PWS Salmon	Statewide Salmon Purse Seine	Statewide All Permits	AK Median Age*
1975	44.8	39.9	44.0	42.9	24.3
1976	41.7	38.3	43.3	41.3	24.7
1977	41.6	38.4	42.5	40.5	25.1
1978	41.2	38.2	41.7	40.1	25.4
1979	40.3	38.1	41.2	40.1	25.8
1980	40.2	38.5	40.9	39.6	26.0
1981	39.7	38.3	40.9	39.5	26.4
1982	40.1	38.0	40.7	39.5	26.8
1983	39.9	38.0	40.4	39.6	27.1
1984	40.4	38.6	40.9	39.9	27.3
1985	41.0	38.9	41.2	40.1	27.5
1986	41.6	39.1	40.9	40.1	27.8
1987	40.9	39.4	40.8	40.4	28.2
1988	41.9	40.0	40.9	40.6	28.6
1989	41.9	40.6	41.1	41.0	29.0
1990	42.8	40.8	41.7	41.4	29.3
1991	42.7	41.1	41.9	41.9	29.7
1992	43.7	42.5	42.7	42.4	30.1
1993	43.9	42.9	43.2	43.0	30.5
1994	44.8	43.7	43.5	43.5	30.8
1995	45.9	44.0	43.9	43.9	31.1
1996	46.9	44.5	44.6	44.5	31.5
1997	47.7	45.2	45.5	45.0	31.8
1998	48.5	45.9	46.0	45.6	32.1
1999	48.2	46.1	46.9	46.1	32.3
2000	48.2	45.9	47.1	46.6	32.4
2001	49.0	46.9	48.1	47.0	32.7
2002	49.9	47.6	48.8	47.7	33.0
2003	50.5	48.2	49.7	48.4	33.2
2004	51.4	49.0	50.7	48.8	33.4
2005	52.2	49.6	51.4	49.3	33.6
2006	52.4	50.2	51.9	49.7	33.8
2007	52.5	50.4	52.5	50.1	33.9
2008	51.4	50.5	52.6	50.5	33.9
2009	52.3	51.2	53.5	51.1	33.9
2010	52.2	50.9	53.8	51.4	33.8
2011	51.9	50.9	53.9	51.8	33.9
2012	52.9	51.2	54.2	52.1	34.1
2013	53.4	51.4	53.9	52.4	34.3
2014	53.9	51.2	53.9	52.7	34.3
2015	52.9	51.2	54.2	53.3	34.5
2016	53.8	51.2	55.1	53.8	34.7
2017	54.0	51.1	55.2	54.2	34.9
2018	52.6	51.4	55.6	54.7	35.2
2019	51.9	51.1	55.4	54.8	35.5
2020	50.6	50.2	55.7	55.1	35.7

Table 10 shows the annual median 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.

Note that these figures include ages of permit holders for both transferable and non-transferable permits; however, there were no non-transferable S01E permits issued. Some individuals hold permits in more than one fishery; in these cases, the age of the permit holder is counted once for each permit that he or she holds.

The median age of the general Alaskan population has increased 10.4 years between 1975 and 2020, which represents a 46.9% increase. The percent change in ages over the same period for all CFEC permit holders increased by 28.4.2% (12.2 years), 26.5% (11.7 years) for the statewide salmon purse seine permit holders, and 25.8% (10.3 years) for the combined Prince William Sound salmon permit holders.

For S01E permit holders, the median age increased 12.9% (5.8 years).

\* AK Median age data is from the Alaska Department of Labor, Research and Analysis Section

## Prince William Sound Salmon Purse Seine Vessel Characteristics

Table 11 reports on various vessel characteristics of the Prince William Sound salmon purse seine fleet since 1978. Reported are the age, length, net tonnage, and horsepower. This data is from the vessel license file 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 25<sup>th</sup> percentile, median, and 75<sup>th</sup> percentile.

**Table 11. Prince William Sound Salmon Purse Seine Vessel Characteristics**

Year	Vessel Count	Age				Length				Gross Tons				Net Tons				Horsepower			
		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	10.5	21	234	30	33	37	169	10	14	19	214	7	11	13	222	140	177.5	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	19.5	28	252	11	14.5	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	43.5	236	16	21	30.5	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	7.5	11	16.5	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	22.5	29	41	197	17	22	29	210	235	307	450
1993	145	144	5	12	15	144	39.5	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	21.5	28	40	175	16	22	28	184	230	307	450
1996	91	91	8	15	18	91	42	46	50	76	26	29.5	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
2000	132	132	11	19	21	132	42	46.5	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	337.5	540
2002	121	120	13	20	23	120	43.5	48	51	106	26	31.5	43	112	20	25	32.5	119	275	375	550
2003	104	103	14	21	24	103	44	49	51	92	26	33.5	44	97	21	26	33	102	300	370	550
2004	103	103	15	22	24	103	45	49	52	92	26	33.5	44	97	21	26	34	102	300	390	550
2005	98	98	16	22.5	25	98	45	49	52	86	26	33.5	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	34.5	106	300	392.5	550
2007	116	116	18	25	28	116	45	50	53	104	26	35	46	107	21	27	35	114	300	377.5	550
2008	131	131	19	26	29	131	45	50	54	120	26	35	46	123	21	27	35	130	300	382.5	550
2009	152	151	20	27	31	151	44	50	54	138	26	35	49	144	21	26.5	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	385.5	585
2016	209	209	27	34	38	209	46	50	55	195	26	37	50	198	20	26	35	206	300	382.5	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	45.5	50	55	212	26	37	52	216	21	26.5	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
<b>Total</b>	<b>947</b>					<b>908</b>	<b>32.5</b>	<b>41</b>	<b>50</b>	<b>777</b>	<b>15</b>	<b>26</b>	<b>41</b>	<b>815</b>	<b>11</b>	<b>18</b>	<b>28</b>	<b>883</b>	<b>190</b>	<b>300</b>	<b>400</b>

Table 12 provides additional Prince William Sound salmon purse seine vessel characteristics. Included are statistics of hold capacity, engine power type, and hull material for each year since 1978.

**Table 12. Additional Prince William Sound Salmon Purse Seine Vessel Characteristics**

Year	Vessel Count	Hold Capacity				Engine Power					Hull Material										
		Count	0.25	Median	0.75	Count	Diesel	Gas	Count	Aluminum	Fiberglass	Concrete	Steel	Wood							
1978	207	101	200	360	562	201	166	82.6%	35	17.4%	201	0	0.0%	92	45.8%	3	1.5%	7	3.5%	99	49.3%
1979	247	133	200	400	600	234	195	83.3%	39	16.7%	232	2	0.9%	117	50.4%	3	1.3%	12	5.2%	98	42.2%
1980	244	130	300	443	700	235	210	89.4%	25	10.6%	231	4	1.7%	123	53.2%	3	1.3%	9	3.9%	92	39.8%
1981	270	151	350	500	900	259	242	93.4%	17	6.6%	251	4	1.6%	162	64.5%	4	1.6%	10	4.0%	71	28.3%
1982	263	148	450	673	1,000	256	248	96.9%	8	3.1%	249	2	0.8%	175	70.3%	3	1.2%	9	3.6%	60	24.1%
1983	273	174	450	700	1,000	269	258	95.9%	11	4.1%	263	3	1.1%	188	71.5%	3	1.1%	12	4.6%	57	21.7%
1984	263	163	450	680	1,000	260	248	95.4%	12	4.6%	254	4	1.6%	181	71.3%	1	0.4%	9	3.5%	59	23.2%
1985	278	188	470	700	980	274	261	95.3%	13	4.7%	271	5	1.8%	197	72.7%	1	0.4%	15	5.5%	53	19.6%
1986	253	175	500	700	980	252	241	95.6%	11	4.4%	251	4	1.6%	189	75.3%	1	0.4%	12	4.8%	45	17.9%
1987	269	188	483	700	1,000	267	255	95.5%	12	4.5%	264	3	1.1%	199	75.4%	1	0.4%	14	5.3%	47	17.8%
1988	257	188	500	710	1,000	255	242	94.9%	13	5.1%	254	7	2.8%	190	74.8%	2	0.8%	14	5.5%	41	16.1%
1989	255	191	500	750	1,000	254	248	97.6%	6	2.4%	252	5	2.0%	189	75.0%	2	0.8%	17	6.7%	39	15.5%
1990	281	201	560	800	1,000	279	273	97.8%	6	2.2%	278	6	2.2%	215	77.3%	2	0.7%	17	6.1%	38	13.7%
1991	253	187	600	825	1,120	251	248	98.8%	3	1.2%	251	5	2.0%	205	81.7%	1	0.4%	18	7.2%	22	8.8%
1992	212	158	660	900	1,200	210	210	100.0%	0	0.0%	211	3	1.4%	180	85.3%	0	0.0%	14	6.6%	14	6.6%
1993	145	112	700	900	1,200	143	143	100.0%	0	0.0%	145	4	2.8%	126	86.9%	0	0.0%	10	6.9%	5	3.4%
1994	176	122	600	857	1,200	174	173	99.4%	1	0.6%	176	7	4.0%	147	83.5%	0	0.0%	13	7.4%	9	5.1%
1995	187	138	600	813	1,000	183	180	98.4%	3	1.6%	187	8	4.3%	158	84.5%	0	0.0%	13	7.0%	8	4.3%
1996	91	67	700	912	1,200	89	89	100.0%	0	0.0%	91	2	2.2%	79	86.8%	0	0.0%	7	7.7%	3	3.3%
1997	115	80	680	900	1,047	113	112	99.1%	1	0.9%	115	5	4.3%	104	90.4%	0	0.0%	4	3.5%	2	1.7%
1998	150	100	655	900	1,097	147	147	100.0%	0	0.0%	150	6	4.0%	132	88.0%	0	0.0%	7	4.7%	5	3.3%
1999	137	94	700	900	1,200	135	135	100.0%	0	0.0%	136	6	4.4%	117	86.0%	0	0.0%	8	5.9%	5	3.7%
2000	132	89	700	900	1,200	130	129	99.2%	1	0.8%	131	6	4.6%	114	87.0%	0	0.0%	7	5.3%	4	3.1%
2001	146	101	700	945	1,200	143	142	99.3%	1	0.7%	144	7	4.9%	126	87.5%	0	0.0%	7	4.9%	4	2.8%
2002	121	87	750	975	1,200	118	118	100.0%	0	0.0%	120	3	2.5%	110	91.7%	0	0.0%	5	4.2%	2	1.7%
2003	104	77	800	1,000	1,200	101	101	100.0%	0	0.0%	103	3	2.9%	93	90.3%	0	0.0%	6	5.8%	1	1.0%
2004	103	77	800	1,000	1,200	101	101	100.0%	0	0.0%	103	5	4.9%	91	88.3%	0	0.0%	6	5.8%	1	1.0%
2005	98	73	800	980	1,200	97	95	97.9%	2	2.1%	98	3	3.1%	89	90.8%	0	0.0%	5	5.1%	1	1.0%
2006	107	81	800	1,000	1,200	106	105	99.1%	1	0.9%	107	2	1.9%	98	91.6%	0	0.0%	7	6.5%	0	0.0%
2007	116	85	800	1,000	1,200	115	112	97.4%	3	2.6%	116	2	1.7%	103	88.8%	0	0.0%	9	7.8%	2	1.7%
2008	131	100	800	1,000	1,300	131	130	99.2%	1	0.8%	131	5	3.8%	111	84.7%	0	0.0%	12	9.2%	3	2.3%
2009	152	116	800	1,000	1,400	151	149	98.7%	2	1.3%	151	10	6.6%	121	80.1%	0	0.0%	14	9.3%	6	4.0%
2010	172	131	800	1,000	1,400	172	171	99.4%	1	0.6%	171	12	7.0%	132	77.2%	0	0.0%	19	11.1%	8	4.7%
2011	183	132	800	1,000	1,325	182	180	98.9%	2	1.1%	182	13	7.1%	143	78.6%	0	0.0%	19	10.4%	7	3.8%
2012	226	168	800	1,000	1,725	226	224	99.1%	2	0.9%	226	18	8.0%	172	76.1%	0	0.0%	26	11.5%	10	4.4%
2013	207	152	800	1,000	1,518	207	204	98.6%	3	1.4%	206	21	10.2%	152	73.8%	0	0.0%	28	13.6%	5	2.4%
2014	234	177	764	1,000	1,600	234	226	96.6%	8	3.4%	233	26	11.2%	171	73.4%	0	0.0%	29	12.4%	7	3.0%
2015	229	171	800	1,064	1,700	226	222	98.2%	4	1.8%	225	23	10.2%	165	73.3%	0	0.0%	31	13.8%	6	2.7%
2016	209	164	800	1,085	1,700	209	209	100.0%	0	0.0%	208	20	9.6%	159	76.4%	0	0.0%	23	11.1%	6	2.9%
2017	228	177	800	1,094	1,800	228	228	100.0%	0	0.0%	227	24	10.6%	168	74.0%	0	0.0%	30	13.2%	5	2.2%
2018	228	172	800	1,085	1,700	228	228	100.0%	0	0.0%	227	20	8.8%	173	76.2%	0	0.0%	29	12.8%	5	2.2%
2019	239	180	800	1,100	1,775	237	237	100.0%	0	0.0%	236	24	10.2%	177	75.0%	0	0.0%	31	13.1%	4	1.7%
2020	218	166	800	1,100	1,800	217	215	99.1%	2	0.9%	217	21	9.7%	163	75.1%	0	0.0%	28	12.9%	5	2.3%
<b>Total</b>	<b>947</b>	<b>600</b>	<b>422</b>	<b>800</b>	<b>1,402</b>	<b>904</b>	<b>802</b>	<b>88.7%</b>	<b>102</b>	<b>11.3%</b>	<b>903</b>	<b>73</b>	<b>8.1%</b>	<b>583</b>	<b>64.6%</b>	<b>3</b>	<b>0.3%</b>	<b>85</b>	<b>9.4%</b>	<b>159</b>	<b>17.6%</b>

## Participation and Earnings

Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 4 are for both nominal and real dollars using the 2021 Consumer Price Index from the U.S. Bureau of Labor Statistics.

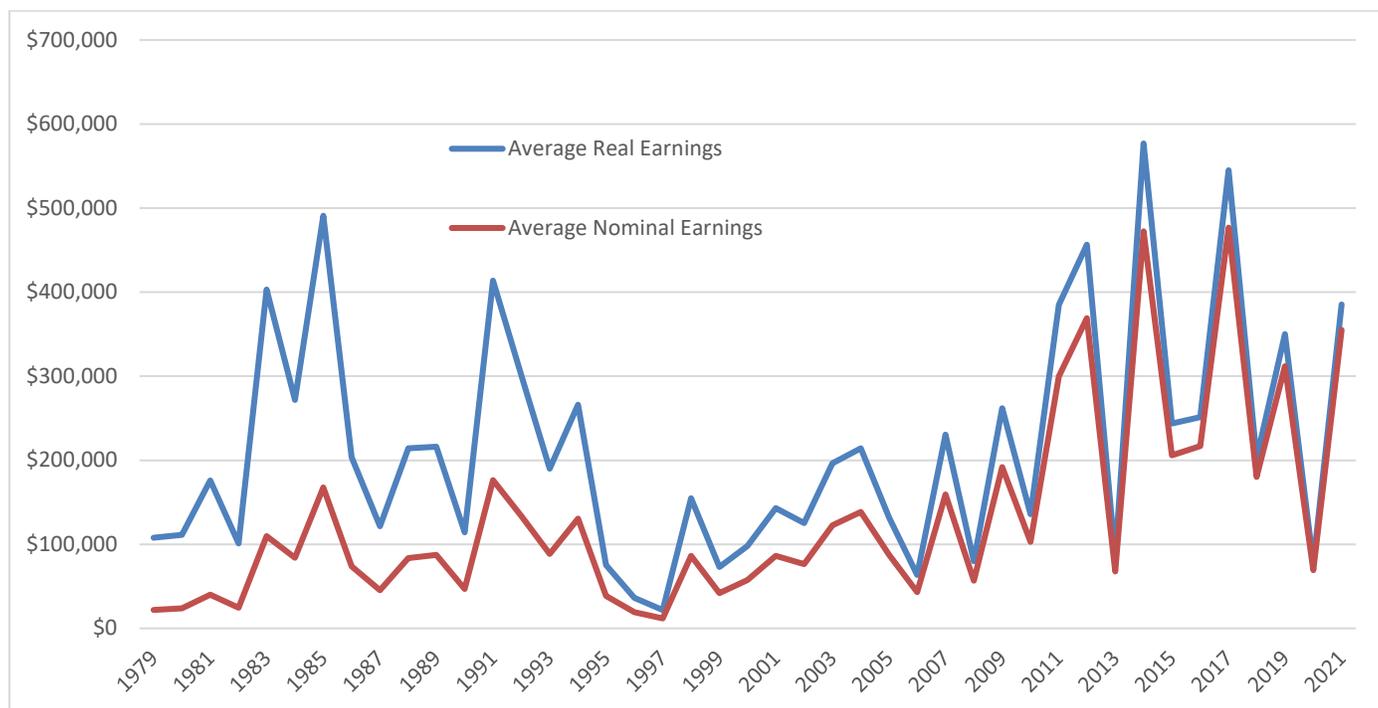
Permit counts include interim-entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held was in 2010. Some individuals made landings on both an interim-entry permit and subsequently on their newly issued permanent permit in the same year; for these instances, only the permanent permit is counted in this report.

Table 13 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 2020. Note that the figures by permit in this table span the entire year, regardless of who held the permit or however many times the permit was transferred.

Table 14 reports the number of permit holders (people) and estimated real (inflation-adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Table 15 breaks out participation and earnings by ADF&G salmon district with real ex-vessel values.

**Figure 4. Estimated Nominal and Real Average Gross Earnings Per Prince William Sound Salmon Purse Seine Permit**



- Real earnings are adjusted for inflation using the 2021 U.S. Bureau of Labor Statistics Consumer Price Index.

**Table 13. Estimated Total Gross Earnings (Real and Nominal) for the Prince William Sound Salmon Purse Seine Fishery, With Average Earnings (Real) by Permit and Vessel, 1975-2020**

Year	Viable Permits	Total Gross Earnings		Permits With Landings	Average Real Earnings	Vessels With Landings	Average Real Vessel Earnings
		Nominal	Real				
1975	274	\$4,768,363	\$23,589,559	219	\$107,715	222	\$95,820
1976	278	\$6,158,317	\$28,810,682	259	\$111,238	261	\$99,525
1977	273	\$9,302,375	\$40,862,866	232	\$176,133	248	\$148,557
1978	271	\$5,023,899	\$20,504,002	203	\$101,005	207	\$89,340
1979	268	\$26,799,746	\$98,313,004	244	\$402,922	247	\$398,028
1980	270	\$20,096,871	\$64,926,894	239	\$271,661	243	\$267,189
1981	270	\$44,925,101	\$131,544,616	268	\$490,838	270	\$487,202
1982	270	\$19,044,219	\$52,541,586	258	\$203,650	263	\$199,778
1983	270	\$12,097,476	\$32,337,226	266	\$121,569	273	\$118,451
1984	269	\$21,901,232	\$56,129,348	262	\$214,234	263	\$213,420
1985	271	\$23,132,557	\$57,254,979	265	\$216,057	278	\$205,953
1986	271	\$11,674,069	\$28,356,067	248	\$114,339	253	\$112,079
1987	269	\$45,360,842	\$106,285,627	257	\$413,563	269	\$395,114
1988	271	\$34,064,369	\$76,689,502	255	\$300,743	257	\$298,403
1989	270	\$21,316,552	\$45,780,377	241	\$189,960	255	\$179,531
1990	271	\$34,589,475	\$70,481,344	265	\$265,967	281	\$250,823
1991	271	\$9,727,713	\$19,016,367	253	\$75,164	253	\$75,164
1992	271	\$3,957,118	\$7,508,221	207	\$36,272	212	\$35,416
1993	270	\$1,706,858	\$3,145,734	144	\$21,845	145	\$21,695
1994	270	\$14,752,481	\$26,497,867	171	\$154,958	176	\$150,556
1995	268	\$7,832,685	\$13,684,866	187	\$73,181	187	\$73,181
1996	267	\$5,188,891	\$8,807,595	90	\$97,862	91	\$96,787
1997	269	\$9,841,935	\$16,324,041	114	\$143,193	115	\$141,948
1998	267	\$11,334,626	\$18,512,485	148	\$125,084	150	\$123,417
1999	267	\$16,942,605	\$27,079,316	138	\$196,227	137	\$197,659
2000	268	\$18,003,064	\$27,834,319	130	\$214,110	132	\$210,866
2001	268	\$12,862,182	\$19,339,496	147	\$131,561	145	\$133,376
2002	267	\$5,166,570	\$7,647,136	120	\$63,726	120	\$63,726
2003	266	\$16,719,325	\$24,197,283	105	\$230,450	103	\$234,925
2004	266	\$5,898,622	\$8,314,272	104	\$79,945	103	\$80,721
2005	266	\$19,390,127	\$26,434,084	101	\$261,724	98	\$269,736
2006	266	\$11,413,062	\$15,072,904	111	\$135,792	107	\$140,868
2007	266	\$35,955,115	\$46,167,871	120	\$384,732	116	\$397,999
2008	267	\$52,047,970	\$64,360,890	141	\$456,460	131	\$491,305
2009	267	\$10,451,033	\$12,969,533	154	\$84,218	152	\$85,326
2010	268	\$82,212,884	\$100,378,375	174	\$576,887	172	\$583,595
2011	267	\$37,692,355	\$44,612,392	183	\$243,784	183	\$243,784
2012	267	\$48,550,227	\$56,298,680	224	\$251,333	226	\$249,109
2013	267	\$100,114,877	\$114,416,859	210	\$544,842	207	\$552,738
2014	267	\$39,955,914	\$44,934,900	222	\$202,409	234	\$192,029
2015	267	\$67,352,063	\$75,655,191	216	\$350,256	229	\$330,372
2016	267	\$14,547,157	\$16,136,942	210	\$76,843	209	\$77,210
2017	267	\$81,625,986	\$88,657,964	230	\$385,469	228	\$388,851
2018	267	\$41,249,462	\$43,734,794	234	\$186,901	228	\$191,819
2019	267	\$56,042,219	\$58,361,205	238	\$245,215	239	\$244,189
2020	267	\$41,666,717	\$42,862,115	218	\$196,615	218	\$196,615

- Adjusted for inflation to 2021 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year.
- The 1989 fishing season was cut short due to the Exxon Valdez oil spill that occurred that year.

**Table 14. Estimated Real Gross Earnings for Permit Holders in the Prince William Sound Salmon Purse Seine Fishery by Resident Type, 1975-2020**

Year	Local			Nonlocal			Nonresident			Total		
	People	Average	Gross Earnings Total	People	Average	Gross Earnings Total	People	Average	Gross Earnings Total	People	Average	Gross Earnings Total
1975	155	\$100,487	\$15,575,499	14	\$122,387	\$1,713,413	51	\$123,542	\$6,300,648	220	\$107,225	\$23,589,559
1976	177	\$105,132	\$18,608,365	28	\$122,117	\$3,419,280	57	\$119,001	\$6,783,036	262	\$109,964	\$28,810,682
1977	165	\$167,541	\$27,644,336	20	\$190,180	\$3,803,591	48	\$196,145	\$9,414,938	233	\$175,377	\$40,862,866
1978	139	\$106,335	\$14,780,550	14	\$102,187	\$1,430,615	50	\$85,857	\$4,292,837	203	\$101,005	\$20,504,002
1979	161	\$384,127	\$61,844,367	27	\$376,886	\$10,175,923	59	\$445,639	\$26,292,714	247	\$398,028	\$98,313,004
1980	157	\$261,514	\$41,057,753	29	\$276,334	\$8,013,688	55	\$288,281	\$15,855,453	241	\$269,406	\$64,926,894
1981	162	\$462,658	\$74,950,611	39	\$472,531	\$18,428,692	70	\$545,219	\$38,165,314	271	\$485,404	\$131,544,616
1982	148	\$158,042	\$23,390,262	46	\$324,421	\$14,923,377	66	\$215,575	\$14,227,947	260	\$202,083	\$52,541,586
1983	143	\$117,609	\$16,818,041	54	\$108,894	\$5,880,269	71	\$135,759	\$9,638,916	268	\$120,661	\$32,337,226
1984	145	\$164,258	\$23,817,363	47	\$277,102	\$13,023,778	72	\$267,892	\$19,288,207	264	\$212,611	\$56,129,348
1985	142	\$199,507	\$28,329,943	54	\$200,306	\$10,816,550	73	\$248,061	\$18,108,486	269	\$212,844	\$57,254,979
1986	130	\$93,704	\$12,181,534	50	\$119,407	\$5,970,374	71	\$143,721	\$10,204,158	251	\$112,972	\$28,356,067
1987	140	\$377,618	\$52,866,496	54	\$392,230	\$21,180,426	69	\$467,228	\$32,238,705	263	\$404,128	\$106,285,627
1988	126	\$263,682	\$33,223,875	59	\$297,855	\$17,573,445	73	\$354,687	\$25,892,183	258	\$297,246	\$76,689,502
1989	108	\$184,918	\$19,971,099	58	\$190,834	\$11,068,381	81	\$181,986	\$14,740,897	247	\$185,346	\$45,780,377
1990	123	\$237,147	\$29,169,069	72	\$234,350	\$16,873,218	83	\$294,446	\$24,439,057	278	\$253,530	\$70,481,344
1991	113	\$70,706	\$7,989,778	67	\$69,780	\$4,675,233	75	\$84,685	\$6,351,355	255	\$74,574	\$19,016,367
1992	99	\$27,675	\$2,739,855	54	\$39,182	\$2,115,844	56	\$47,366	\$2,652,521	209	\$35,925	\$7,508,221
1993	66	\$17,490	\$1,154,373	41	\$26,523	\$1,087,431	39	\$23,178	\$903,930	146	\$21,546	\$3,145,734
1994	86	\$140,379	\$12,072,598	43	\$169,110	\$7,271,751	43	\$166,361	\$7,153,518	172	\$154,057	\$26,497,867
1995	89	\$71,491	\$6,362,681	49	\$62,069	\$3,041,372	51	\$83,938	\$4,280,813	189	\$72,407	\$13,684,866
1996	44	\$98,634	\$4,339,889	20	\$87,600	\$1,751,992	26	\$104,451	\$2,715,714	90	\$97,862	\$8,807,595
1997	56	\$135,033	\$7,561,863	29	\$140,470	\$4,073,632	30	\$156,285	\$4,688,546	115	\$141,948	\$16,324,041
1998	72	\$106,403	\$7,661,049	36	\$144,403	\$5,198,521	41	\$137,876	\$5,652,914	149	\$124,245	\$18,512,485
1999	75	\$166,630	\$12,497,271	27	\$280,505	\$7,573,627	37	\$189,417	\$7,008,418	139	\$194,815	\$27,079,316
2000	72	\$180,852	\$13,021,329	26	\$277,142	\$7,205,698	34	\$223,744	\$7,607,292	132	\$210,866	\$27,834,319
2001	69	\$106,886	\$7,375,155	37	\$167,765	\$6,207,316	41	\$140,415	\$5,757,026	147	\$131,561	\$19,339,496
2002	57	\$47,084	\$2,683,760	35	\$84,725	\$2,965,378	29	\$68,896	\$1,997,998	121	\$63,199	\$7,647,136
2003	48	\$206,849	\$9,928,733	30	\$244,210	\$7,326,292	27	\$257,121	\$6,942,257	105	\$230,450	\$24,197,283
2004	49	\$67,582	\$3,311,513	28	\$84,051	\$2,353,439	28	\$94,619	\$2,649,321	105	\$79,184	\$8,314,272
2005	46	\$245,319	\$11,284,664	30	\$296,453	\$8,893,604	25	\$250,233	\$6,255,816	101	\$261,724	\$26,434,084
2006	51	\$104,120	\$5,310,121	36	\$167,340	\$6,024,253	24	\$155,772	\$3,738,530	111	\$135,792	\$15,072,904
2007	53	\$332,578	\$17,626,623	39	\$451,121	\$17,593,719	30	\$364,918	\$10,947,529	122	\$378,425	\$46,167,871
2008	59	\$361,762	\$21,343,934	50	\$559,576	\$27,978,789	35	\$429,662	\$15,038,167	144	\$446,951	\$64,360,890
2009	61	\$69,082	\$4,214,015	55	\$108,884	\$5,988,617	38	\$72,813	\$2,766,901	154	\$84,218	\$12,969,533
2010	66	\$507,985	\$33,526,993	66	\$616,002	\$40,656,141	45	\$582,116	\$26,195,241	177	\$567,109	\$100,378,375
2011	70	\$229,049	\$16,033,398	67	\$254,544	\$17,054,441	48	\$240,095	\$11,524,553	185	\$241,148	\$44,612,392
2012	75	\$221,781	\$16,633,594	85	\$266,794	\$22,677,473	66	\$257,388	\$16,987,613	226	\$249,109	\$56,298,680
2013	72	\$487,334	\$35,088,017	81	\$596,813	\$48,341,859	60	\$516,450	\$30,986,983	213	\$537,168	\$114,416,859
2014	74	\$157,502	\$11,655,154	92	\$226,116	\$20,802,696	62	\$201,243	\$12,477,050	228	\$197,083	\$44,934,900
2015	73	\$305,061	\$22,269,419	85	\$388,461	\$33,019,168	63	\$323,279	\$20,366,604	221	\$342,331	\$75,655,191
2016	75	\$60,926	\$4,569,462	82	\$90,201	\$7,396,459	55	\$75,837	\$4,171,022	212	\$76,118	\$16,136,942
2017	78	\$334,356	\$26,079,803	96	\$431,435	\$41,417,759	58	\$364,835	\$21,160,402	232	\$382,146	\$88,657,964
2018	80	\$157,161	\$12,572,885	97	\$220,001	\$21,340,117	60	\$163,697	\$9,821,792	237	\$184,535	\$43,734,794
2019	91	\$214,716	\$19,539,197	89	\$285,481	\$25,407,836	64	\$209,596	\$13,414,172	244	\$239,185	\$58,361,205
2020	85	\$154,273	\$13,113,214	85	\$241,517	\$20,528,908	54	\$170,741	\$9,219,994	224	\$191,349	\$42,862,115

- Adjusted for inflation to 2021 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year. Note that these counts are for individuals, not permits.
- The 1989 fishing season was cut short due to the Exxon Valdez oil spill that occurred that year.

Table 15. Gross Real Earnings for the Prince William Sound Salmon Purse Seine Fishery by ADF&G Salmon District, 1975 to 2020

Year	Copper River		Eastern		Northern		Coghill		Northwestern		Southwestern		Motague		Southeastern		Unakwik		Total	
	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value
1975	0	\$0	125	\$3,993,064	48	\$1,044,546	72	\$1,768,098	71	\$2,354,107	101	\$9,016,526	16	\$609,472	90	\$4,803,746	0	\$0	219	\$23,589,559
1976	0	\$0	224	\$12,583,652	118	\$4,429,362	116	\$2,953,620	50	\$2,164,401	118	\$5,920,874	0	\$0	42	\$758,771	0	\$0	259	\$28,810,682
1977	0	\$0	217	\$16,849,738	82	\$2,591,016	90	\$3,021,067	64	\$2,491,549	108	\$8,560,890	21	\$532,863	95	\$6,815,742	0	\$0	232	\$40,862,866
1978	0	\$0	191	\$12,311,772	117	\$6,349,450	38	\$650,174	0	\$0	0	\$0	0	\$0	54	\$1,192,606	0	\$0	203	\$20,504,002
1979	0	\$0	232	\$31,348,121	30	\$1,031,638	64	\$454,582	15	\$777,319	128	\$31,014,563	76	\$7,975,749	142	\$25,711,033	0	\$0	244	\$98,313,004
1980	0	\$0	186	\$16,739,365	120	\$7,156,373	**	**	40	\$1,537,385	140	\$32,924,337	1-3	--	121	\$5,898,558	0	\$0	239	\$64,926,894
1981	0	\$0	242	\$38,036,444	156	\$13,326,751	25	\$538,067	8	\$417,894	196	\$58,144,384	25	\$1,452,719	112	\$19,560,719	0	\$0	268	\$131,544,616
1982	**	**	157	\$12,314,961	92	\$6,523,098	45	\$3,855,002	34	\$2,391,549	161	\$25,523,150	1-3	--	48	\$1,820,159	0	\$0	258	\$52,541,586
1983	0	\$0	191	\$7,981,510	163	\$3,365,127	12	\$148,557	82	\$2,327,333	212	\$13,067,829	21	\$334,209	138	\$5,112,660	0	\$0	266	\$32,337,226
1984	0	\$0	172	\$13,509,325	92	\$6,808,614	5	\$56,876	61	\$4,369,190	174	\$27,923,687	6	\$32,154	62	\$3,395,542	0	\$0	262	\$56,129,348
1985	1-3	--	241	\$18,457,972	108	\$3,278,867	72	\$495,161	**	**	191	\$24,195,076	54	\$2,985,931	97	\$6,038,370	0	\$0	265	\$57,254,979
1986	0	\$0	228	\$9,976,191	128	\$3,324,327	94	\$798,200	115	\$1,065,066	190	\$12,702,067	0	\$0	40	\$490,216	0	\$0	248	\$28,356,067
1987	0	\$0	254	\$32,065,004	176	\$12,488,112	132	\$4,565,618	86	\$3,745,999	238	\$49,342,103	**	**	78	\$3,615,030	1-3	--	257	\$106,285,627
1988	0	\$0	241	\$19,848,329	167	\$6,704,833	117	\$11,777,003	16	\$361,544	203	\$37,935,060	0	\$0	9	\$62,734	0	\$0	255	\$76,689,502
1989	0	\$0	225	\$12,446,646	229	\$21,088,284	185	\$11,392,370	28	\$620,442	0	\$0	0	\$0	28	\$232,635	0	\$0	241	\$45,780,377
1990	0	\$0	259	\$17,648,741	219	\$12,051,811	89	\$1,906,932	43	\$1,886,597	248	\$36,938,615	1-3	--	1-3	--	0	\$0	265	\$70,481,344
1991	0	\$0	222	\$2,037,746	140	\$2,806,352	108	\$1,519,181	0	\$0	225	\$12,562,817	0	\$0	0	\$0	16	\$90,271	253	\$19,016,367
1992	0	\$0	68	\$634,453	93	\$1,595,956	59	\$625,202	0	\$0	174	\$4,634,024	0	\$0	0	\$0	10	\$18,587	207	\$7,508,221
1993	0	\$0	0	\$0	45	\$346,892	72	\$377,643	0	\$0	133	\$2,417,714	0	\$0	0	\$0	6	\$3,485	144	\$3,145,734
1994	0	\$0	133	\$11,057,232	151	\$7,005,254	122	\$4,132,567	0	\$0	138	\$3,911,913	0	\$0	0	\$0	33	\$384,490	171	\$26,497,867
1995	0	\$0	165	\$5,959,060	167	\$4,267,077	118	\$1,261,525	0	\$0	181	\$2,162,972	**	**	1-3	--	0	\$0	187	\$13,684,866
1996	0	\$0	78	\$3,776,053	76	\$2,136,647	64	\$643,490	0	\$0	60	\$2,251,405	0	\$0	0	\$0	0	\$0	90	\$8,807,595
1997	0	\$0	97	\$6,256,267	84	\$2,639,247	71	\$1,682,535	1-3	--	85	\$4,907,967	32	\$798,988	**	**	0	\$0	114	\$16,324,041
1998	0	\$0	124	\$2,540,317	124	\$4,643,874	88	\$2,551,873	0	\$0	123	\$7,206,471	58	\$1,249,578	27	\$320,371	0	\$0	148	\$18,512,485
1999	0	\$0	127	\$10,138,124	97	\$3,191,720	62	\$4,544,317	0	\$0	100	\$6,057,456	57	\$2,294,790	**	**	1-3	--	138	\$27,079,316
2000	0	\$0	128	\$9,050,029	94	\$3,126,601	70	\$2,594,997	**	**	100	\$8,829,586	54	\$3,521,545	32	\$658,722	1-3	--	130	\$27,834,319
2001	0	\$0	143	\$11,875,784	36	\$374,815	66	\$499,476	0	\$0	112	\$3,526,858	98	\$2,504,187	28	\$558,377	0	\$0	147	\$19,339,496
2002	0	\$0	85	\$270,546	47	\$321,579	91	\$2,086,555	0	\$0	94	\$2,887,541	68	\$2,014,373	**	**	1-3	--	120	\$7,647,136
2003	0	\$0	95	\$6,632,022	72	\$3,140,769	84	\$9,611,583	0	\$0	47	\$3,546,337	55	\$1,039,798	**	**	1-3	--	105	\$24,197,283
2004	0	\$0	97	\$5,646,535	7	\$26,481	54	\$790,491	0	\$0	68	\$876,883	48	\$732,136	28	\$241,746	0	\$0	104	\$8,314,272
2005	0	\$0	98	\$12,672,608	74	\$4,629,611	58	\$2,266,041	0	\$0	56	\$5,395,148	49	\$1,038,079	18	\$394,490	12	\$38,108	101	\$26,434,084
2006	0	\$0	106	\$6,246,852	72	\$1,273,373	87	\$2,358,300	0	\$0	66	\$3,134,414	51	\$1,974,214	16	\$85,751	0	\$0	111	\$15,072,904
2007	0	\$0	115	\$18,404,509	63	\$5,011,373	51	\$3,421,452	0	\$0	82	\$14,957,176	60	\$2,805,383	**	**	1-3	--	120	\$46,167,871
2008	0	\$0	129	\$16,987,632	91	\$13,814,550	75	\$11,063,126	0	\$0	88	\$15,565,989	81	\$6,929,594	0	\$0	0	\$0	141	\$64,360,890
2009	0	\$0	19	\$123,729	91	\$2,092,582	56	\$1,075,669	0	\$0	144	\$9,544,821	10	\$65,253	1-3	--	1-3	--	154	\$12,969,533
2010	0	\$0	163	\$25,033,068	141	\$28,012,993	95	\$18,075,488	0	\$0	145	\$29,225,800	1-3	--	6	\$29,811	**	**	174	\$100,378,375
2011	0	\$0	180	\$22,292,694	138	\$4,666,158	72	\$2,844,266	40	\$440,469	157	\$12,138,438	56	\$1,285,728	73	\$944,639	0	\$0	183	\$44,612,392
2012	0	\$0	216	\$26,486,404	171	\$7,919,638	136	\$6,483,228	11	\$156,199	190	\$14,115,964	**	**	67	\$747,731	1-3	--	224	\$56,298,680
2013	0	\$0	208	\$36,412,005	178	\$21,452,519	129	\$8,850,853	**	**	188	\$43,211,661	10	\$547,214	71	\$3,761,475	1-3	--	210	\$114,416,859
2014	0	\$0	217	\$22,259,196	168	\$5,881,027	65	\$1,115,126	10	\$124,358	191	\$11,133,714	114	\$4,321,510	**	**	1-3	--	222	\$44,934,900
2015	0	\$0	215	\$36,251,778	181	\$10,989,650	108	\$4,855,562	0	\$0	177	\$20,013,766	36	\$1,299,017	107	\$2,229,439	8	\$15,978	216	\$75,655,191
2016	0	\$0	209	\$12,561,324	61	\$724,840	29	\$400,831	36	\$335,448	137	\$2,047,382	0	\$0	**	**	1-3	--	210	\$16,136,942
2017	0	\$0	228	\$33,621,150	210	\$13,860,268	89	\$5,152,360	**	**	204	\$22,403,337	160	\$8,881,979	71	\$1,512,975	1-3	--	230	\$88,657,964
2018	0	\$0	230	\$19,941,958	147	\$4,639,527	67	\$1,308,160	29	\$430,766	201	\$12,342,057	140	\$4,084,928	44	\$987,399	0	\$0	234	\$43,734,794
2019	0	\$0	238	\$27,961,366	179	\$10,916,087	20	\$103,593	45	\$1,248,781	185	\$14,183,607	26	\$349,611	69	\$3,572,891	5	\$25,269	238	\$58,361,205
2020	0	\$0	216	\$20,064,691	176	\$7,433,403	128	\$2,411,352	67	\$2,139,488	170	\$6,939,897	139	\$3,045,243	25	\$828,040	0	\$0	218	\$42,862,115

- Adjusted for inflation to 2021 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Some Permits are used to record landings in more than one district.
- When fewer than four permits make landings, earnings in another column are masked (\*\*) due to reasons of confidentiality.
- The 1989 fishing season was cut short due to the Exxon Valdez oil spill that occurred that year.

## 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 16 indicates the initial distribution and historical 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 of the S03E permits were issued as transferable permits.

**Table 16. Initial Issuance and Year-end 2020 Totals of Prince William Sound Salmon Drift Gillnet Permits, With Net Changes Due to Permit Transfers, Migrations, and Cancellations, by Resident Type**

INITIAL ISSUE			TRANSFERS		MIGRATIONS		CANCELLED		2020 YEAR-END	
<i>Residency</i>	<i>Total</i>	<i>Percent</i>	<i>Change</i>	<i>Percent Change from Initial</i>	<i>Change</i>	<i>Percent Change from Initial</i>	<i>Change</i>	<i>Percent Change from Initial</i>	<i>Total</i>	<i>Percentage</i>
Local	354	65.9%	-55	-15.5%	-68	-19.2%	0	0.0%	231	43.0%
Nonlocal	47	8.8%	127	270.2%	5	10.6%	0	0.0%	179	33.3%
Nonresident	136	25.3%	-72	-52.9%	63	46.3%	0	0.0%	127	23.6%
<b>Total</b>	<b>537</b>	<b>100.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>537</b>	<b>100.0%</b>

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled, such as when a permit holder does not pay the renewal fee for two consecutive years. 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.<sup>5</sup> The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

**Table 17. Transfer Acquisition Methods for Prince William Sound Salmon Drift Gillnet Permits, 1980-2020**

Acquisition Method	S03E Permit		PWS Combined Salmon		Statewide Salmon Drift Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Gift</i>	370	22.0%	709	25.5%	3,704	30.1%	13,099	32.5%
<i>Sale</i>	1,199	71.4%	1,874	67.3%	7,665	62.3%	23,650	58.6%
<i>Trade</i>	18	1.1%	32	1.1%	122	1.0%	528	1.3%
<i>Other</i>	93	5.5%	169	6.1%	810	6.6%	3,086	7.6%
<b>Total</b>	<b>1,680</b>		<b>2,784</b>		<b>12,301</b>		<b>40,363</b>	

Table 17 compares and contrasts 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 2020. Almost three in four S03E transfers were sales (71.4% or 1,199/1,680), about one fourth were gifts (22.0% or 370/1,680), and a smaller percentage were trades (1.1% or 18/1,680) or other (5.5% 93/1,680). The annual acquisition methods for S03E permits have not changed substantially throughout the time period.<sup>6</sup>

**Table 18. Relationships of Transferor to Transfer Recipients for Prince William Sound Salmon Drift Gillnet Permits, 1980-2020**

Relationship	S03E Permit		PWS Combined Salmon		Statewide Salmon Drift Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
<i>Business Partner/Friend</i>	287	17.1%	466	16.7%	2,044	16.6%	7,528	18.7%
<i>Member of Immediate Family</i>	421	25.1%	809	29.1%	3,851	31.3%	13,614	33.7%
<i>Other Relative</i>	60	3.6%	105	3.8%	509	4.1%	1,812	4.5%
<i>Other</i>	912	54.3%	1,404	50.4%	5,897	47.9%	17,409	43.1%
<b>Total</b>	<b>1,680</b>		<b>2,784</b>		<b>12,301</b>		<b>40,363</b>	

Table 18 shows the relationships between the transferors and transfer recipients for S03E permits, and compares and contrasts 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 2020. Transfers within the family, both between immediate family members and other relatives, total 28.6% (481/1,680) of all permit transfers for S03E permits compared to 32.8% (914/2,784) for all three Prince William Sound salmon permit types combined, 35.4% (4,360/12,301) for all salmon drift gillnet statewide, and 38.2% (15,426/40,363) for all limited entry permits statewide.

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

<sup>6</sup> See *Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975-2020*, CFEC Report No. 21-1N.

## S03E Permit Value

Many permit transfers are non-monetary transactions (see Table 17). Table 19 considers solely the arms-length market transactions where permits are sold. CFEC estimated values are expressed in real (adjusted for inflation) terms. More detailed information on permit values can be found on the CFEC website at: [Prince William Sound Drift Gillnet Estimated Permit Values](#)

**Table 19. CFEC Estimated Value of Prince William Sound Salmon Drift Gillnet Permits 1982-2020**

Year	S03E Permit Sales	Real	
		Permit Value	Standard Deviation
1982	51	\$127,840	-
1983	39	\$165,088	-
1984	35	\$137,225	-
1985	54	\$138,582	-
1986	46	\$149,640	-
1987	45	\$145,600	\$11,400
1988	50	\$170,800	\$40,600
1989	14	\$305,700	\$61,800
1990	27	\$326,300	\$28,800
1991	23	\$248,900	\$40,000
1992	25	\$186,200	\$32,300
1993	14	\$183,000	\$15,000
1994	19	\$118,200	\$22,200
1995	30	\$120,500	\$25,600
1996	24	\$102,800	\$15,700
1997	23	\$112,600	\$12,900
1998	27	\$113,300	\$12,000
1999	23	\$88,200	\$11,900
2000	26	\$91,800	\$6,700
2001	19	\$86,400	\$5,200
2002	15	\$60,700	\$8,400
2003	21	\$51,900	\$3,400
2004	27	\$57,000	\$4,500
2005	24	\$65,800	\$6,300
2006	28	\$68,200	\$4,500
2007	26	\$66,800	\$3,000
2008	32	\$111,700	\$14,700
2009	25	\$137,900	\$9,400
2010	44	\$155,900	\$25,700
2011	32	\$191,900	\$10,800
2012	26	\$209,000	\$8,000
2013	20	\$223,100	\$9,500
2014	19	\$252,000	\$14,900
2015	14	\$251,800	\$8,600
2016	16	\$172,400	\$22,600
2017	21	\$160,600	\$9,200
2018	15	\$163,200	\$6,100
2019	11	\$147,200	\$4,400
2020	14	\$128,500	\$18,000

- Permit values represent averages of all arms-length sale transactions over the year. Beginning in 1991, additional data from recent months in the preceding year may be included until at least four observations can be averaged.
- The Standard Deviation was not calculated prior to 1991.
- Real permit values were calculated using the 2021 Consumer Price Index from the U.S. Bureau of Labor Statistics.

## Emergency Transfers of S03E Permits

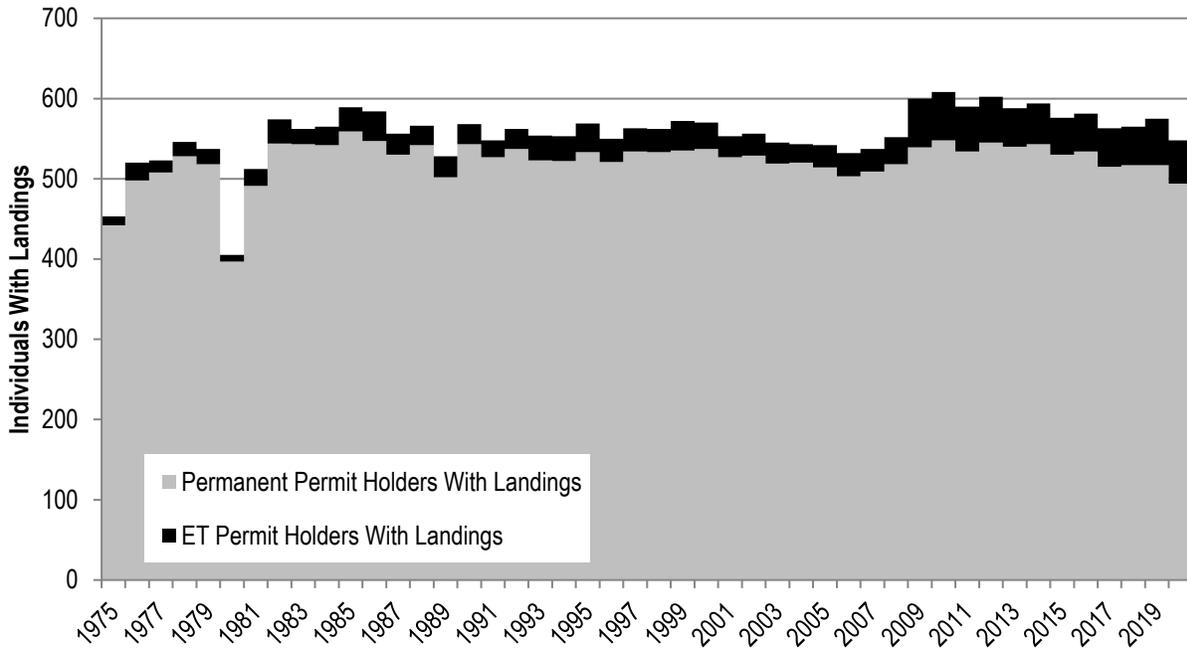
Commercial landings can be made with either permanently-held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected,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

Table 20 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 20. Use of Emergency Transfer Permits in the Prince William Sound Drift Gillnet Fishery, 1975-2020**

Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET
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%
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%

Figure 5. Use of Emergency Transfer Permits in the Prince William Sound Salmon Drift Gillnet Fishery, 1975-20



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

## Latent S03E Permits

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

Table 21 indicates 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.

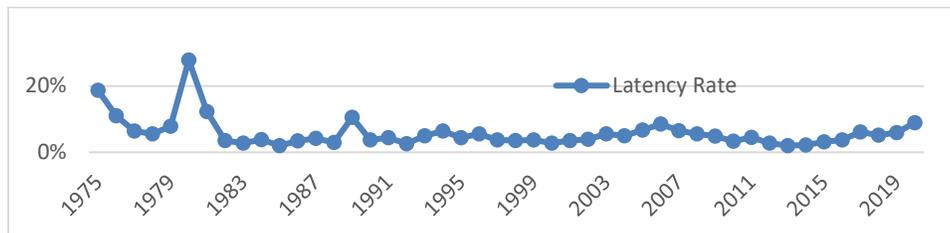
There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency.

**Table 21. Prince William Sound Salmon Drift Gillnet Permit Latency, 1975-2020**

Year	Permits		Latency Rate	Year	Permits		Latency Rate	Year	Permits		Latency Rate
	Issued	Fished			Issued	Fished			Issued	Fished	
1975	535	435	18.7%	1990	541	521	3.7%	2005	538	502	6.7%
1976	534	475	11.0%	1991	541	517	4.4%	2006	538	492	8.6%
1977	532	498	6.4%	1992	541	527	2.6%	2007	537	502	6.5%
1978	544	514	5.5%	1993	541	514	5.0%	2008	537	507	5.6%
1979	549	506	7.8%	1994	541	506	6.5%	2009	537	511	4.8%
1980	545	393	27.9%	1995	542	518	4.4%	2010	537	519	3.4%
1981	546	479	12.3%	1996	539	509	5.6%	2011	537	513	4.5%
1982	543	524	3.5%	1997	540	520	3.7%	2012	537	522	2.8%
1983	543	528	2.8%	1998	541	522	3.5%	2013	536	525	2.1%
1984	543	522	3.9%	1999	541	521	3.7%	2014	536	524	2.2%
1985	544	533	2.0%	2000	541	526	2.8%	2015	537	520	3.2%
1986	544	525	3.5%	2001	541	522	3.5%	2016	537	517	3.7%
1987	542	519	4.2%	2002	540	519	3.9%	2017	537	504	6.1%
1988	541	525	3.0%	2003	540	510	5.6%	2018	536	508	5.2%
1989	542	485	10.5%	2004	540	513	5.0%	2019	536	504	6.0%
								2020	536	488	9.0%

- 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, 1975-2020**



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

## New Entrants into the Prince William Sound Salmon Drift Gillnet Fishery

New entrants are defined herein as individuals who, for the first time, record a landing 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 in order to become an initial permit holder of a limited entry permit. Individuals who only make landings on an emergency transfer or interim-entry permit for any given year are not considered in this table.

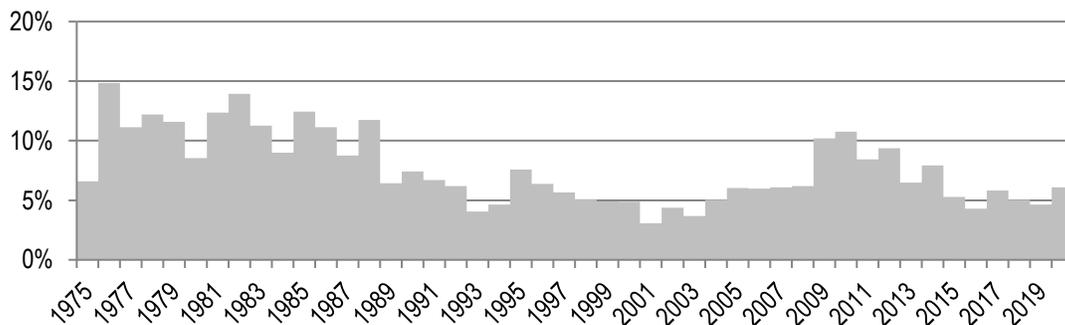
Table 22 and Figure 7 describe individuals rather than permits. An individual may hold up to two permits in this fishery, but can only fish one of them. An individual may hold one S03E permit one year, and then in subsequent years hold a different S03E permit. Likewise, individuals may enter and exit 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 22. New Entrants into the Prince William Sound Salmon Drift Gillnet Fishery, 1975-2020**

Year	Individuals w/Landings	New	New Percent	Year	Individuals w/Landings	New	New Percent	Year	Individuals w/Landings	New	New Percent	Year	Individuals w/Landings	New	New Percent
1975	395	26	6.6%	1986	539	60	11.1%	1997	531	30	5.6%	2009	539	55	10.2%
1976	485	72	14.8%	1987	525	46	8.8%	1998	529	27	5.1%	2010	548	59	10.8%
1977	503	56	11.1%	1988	536	63	11.8%	1999	531	26	4.9%	2011	534	45	8.4%
1978	516	63	12.2%	1989	497	32	6.4%	2000	533	26	4.9%	2012	545	51	9.4%
1979	501	58	11.6%	1990	539	40	7.4%	2001	523	16	3.1%	2013	540	35	6.5%
1980	386	33	8.5%	1991	523	35	6.7%	2002	526	23	4.4%	2014	543	43	7.9%
1981	477	59	12.4%	1992	533	33	6.2%	2003	516	19	3.7%	2015	530	28	5.3%
1982	531	74	13.9%	1993	519	21	4.0%	2004	517	26	5.0%	2016	534	23	4.3%
1983	533	60	11.3%	1994	518	24	4.6%	2005	513	31	6.0%	2017	515	30	5.8%
1984	534	48	9.0%	1995	528	40	7.6%	2006	502	30	6.0%	2018	517	26	5.0%
1985	547	68	12.4%	1996	518	33	6.4%	2007	509	31	6.1%	2019	517	24	4.6%
								2008	518	32	6.2%	2020	494	30	6.1%

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

**Figure 7. New Entrants into the Prince William Sound Salmon Drift Gillnet Fishery, 1975-2020**



## Age of S03E Permit Holders

**Table 23. Median Age of Select CFEC Permit Holders and the General Alaskan Population**

Year	S03E	Combined PWS Salmon	Statewide Salmon Drift Gillnet	Statewide All Permits	AK Median Age
1975	37.0	39.9	44.0	42.9	24.3
1976	36.6	38.3	43.0	41.3	24.7
1977	36.0	38.4	42.0	40.5	25.1
1978	36.6	38.2	41.6	40.1	25.4
1979	37.1	38.1	41.7	40.1	25.8
1980	37.1	38.5	41.6	39.6	26.0
1981	37.1	38.3	41.2	39.5	26.4
1982	36.3	38.0	40.5	39.5	26.8
1983	36.9	38.0	40.4	39.6	27.1
1984	37.3	38.6	40.7	39.9	27.3
1985	37.7	38.9	40.9	40.1	27.5
1986	38.3	39.1	40.7	40.1	27.8
1987	38.9	39.4	41.1	40.4	28.2
1988	39.3	40.0	41.3	40.6	28.6
1989	39.8	40.6	41.5	41.0	29.0
1990	39.8	40.8	42.0	41.4	29.3
1991	40.1	41.1	42.3	41.9	29.7
1992	41.6	42.5	42.8	42.4	30.1
1993	42.4	42.9	43.1	43.0	30.5
1994	43.1	43.7	43.7	43.5	30.8
1995	43.1	44.0	43.9	43.9	31.1
1996	43.4	44.5	44.3	44.5	31.5
1997	44.3	45.2	45.0	45.0	31.8
1998	44.6	45.9	45.4	45.6	32.1
1999	44.7	46.1	45.9	46.1	32.3
2000	45.0	45.9	46.5	46.6	32.4
2001	46.0	46.9	47.1	47.0	32.7
2002	46.8	47.6	47.9	47.7	33.0
2003	47.3	48.2	48.4	48.4	33.2
2004	47.9	49.0	48.8	48.8	33.4
2005	48.6	49.6	49.0	49.3	33.6
2006	49.3	50.2	49.5	49.7	33.8
2007	49.5	50.4	49.5	50.1	33.9
2008	50.2	50.5	49.9	50.5	33.9
2009	50.9	51.2	50.2	51.1	33.9
2010	50.5	50.9	50.4	51.4	33.8
2011	50.2	50.9	50.6	51.8	33.9
2012	50.2	51.2	50.9	52.1	34.1
2013	50.3	51.4	50.8	52.4	34.3
2014	50.2	51.2	51.0	52.7	34.3
2015	50.4	51.2	51.2	53.3	34.5
2016	50.0	51.2	51.4	53.8	34.7
2017	50.3	51.1	51.5	54.2	34.9
2018	50.6	51.4	51.5	54.7	35.2
2019	51.1	51.1	51.4	54.8	35.5
2020	50.0	50.2	51.8	55.1	35.7

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

Table 23 shows the annual median age of five different cohorts of people: 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.

The median age of the general Alaskan population has increased 11.4 years between 1975 and 2020, which represents a 46.9% increase. The percent change in ages over the same period for all CFEC permit holders increased by 28.4% (12.2 years), 17.7% (7.8 years) for all salmon drift gillnet permit holders statewide, and 25.8% (10.3 years) for the combined Prince William Sound salmon permit holders.

For S03E permit holders, the median age increased 35.1% (13.0 years).

## Prince William Sound Salmon Drift Gillnet Vessel Characteristics

Table 24 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 file 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 25<sup>th</sup> percentile, median, and 75<sup>th</sup> percentile.

**Table 24. Prince William Sound Salmon Drift Gillnet Vessel Characteristics**

Year	Vessel Count	Age				Length				Gross Tons				Net Tons				Horsepower			
		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	296	2.5	5	8	510	165	214	260
1979	529	477	2	5	9	483	24	26	28	249	3	7	10	301	3	5	8	467	165	225	283
1980	395	367	2	4	8	367	24	26	28	211	5	7	10	254	4	5	8	349	180	228	320
1981	483	454	3	5	9	454	24	26	28	275	5	7	11	322	5	6	8	435	170	228	320
1982	552	511	4	5	9	515	24	26	29	323	5	8	11	386	5	6	8	484	173	240	330
1983	557	524	4	6	9	527	25	26	30	355	6	8	12	416	5	6	8	514	188	255	330
1984	643	552	5	6	10	556	25	27	30	382	6	8	12	435	5	6	9	547	188	255	330
1985	732	615	6	7	11	617	26	27	30	435	6	8	12	485	5	6	9	611	200	260	330
1986	653	592	5	8	11	590	26	27	30	427	6	8	11	466	5	6	8	584	210	260	330
1987	745	590	6	9	11	590	26	27	30	430	6	8	12	471	5	6	8	583	200	260	340
1988	749	617	6	10	12	621	26	27	30	445	7	9	12	481	5	6	8	611	200	260	340
1989	762	614	5	10	12	614	26	27	30	444	7	9	12	469	5	6	9	602	200	270	340
1990	1047	749	3	10	13	750	26	28	31	529	7	9	13	547	5	6	10	733	200	280	350
1991	903	676	3	9	13	675	26	28	31	476	7	9	12.5	494	5	7	10	671	200	306	350
1992	642	597	4	10	14	597	26	28	30	443	7	9	12	454	5	6	9	593	205	320	350
1993	610	563	4	11	15	563	26	28	30	420	7	9	11.5	430	5	6	9	554	210	330	350
1994	601	551	5	12	16	550	26	28	30	407	7	9	11	423	5	6	8	542	215	330	350
1995	544	544	6	13	17	543	26	28	30	405	7	9	11	423	5	6	8	537	225	330	350
1996	536	535	7	13	18	535	26	28	30	392	7	9	11	413	5	6	8	527	230	330	350
1997	560	557	8	13	19	558	26	28	30	408	7	9	11	427	5	6	8	550	230	330	350
1998	556	555	9	13	19	556	27	28	30	406	7	9	11	422	5	6	8	549	230	330	360
1999	560	557	10	13	20	558	27	28	30	399	7	9	11	415	5	6	9	549	230	330	365
2000	547	544	11	14	21	546	27	28	30	406	7	9	11	421	5	6	8	539	230	330	375
2001	534	531	11	15	22	533	27	28	30	396	7	9	11	410	5	6	9	525	230	330	380
2002	534	531	12	16	23	533	27	28	31	400	7	9	11	414	5	6.5	9	526	250	330	385
2003	520	517	13	16	24	519	27	28	31	382	7	9	11	398	5	6	8	513	250	330	400
2004	517	515	14	17	24	517	27	29	31	385	7	9	11	398	5	6	9	512	255	330	400
2005	512	510	15	18	25	512	27	28.5	31	380	7	9	11	390	5	6	8	505	260	330	400
2006	497	495	16	19	26	497	27	29	31	373	7	9	11	384	5	6	8	492	260	339	400
2007	508	506	17	19	26	508	27	29	31	380	7	9	11	390	5	6	8	499	300	340	410
2008	538	536	17	20	26	538	27	29	31	398	7	9	12	411	5	7	9	524	300	340	450
2009	527	525	18	21	27	527	27	30	31	398	7	9	12	408	5	7	9	511	300	350	480
2010	533	532	17	21	27	533	27	30	32	400	7	9	11.5	406	5	6	9	514	308	362.5	520
2011	527	527	15	22	28	527	28	30	32	391	7	9	11	393	5	6	8	504	315	380	555
2012	541	541	11	23	27	541	28	30	32	398	7	9	11	396	5	6	8	516	315	390	600
2013	539	538	6	23	27	538	28	30	32	397	7	9	11	392	5	7	8	514	320	398	630
2014	575	575	5	24	27	575	28	31	32	430	7	9	12	419	5	7	9	545	330	420	640
2015	564	561	4	24	28	561	29	31	32	420	7	9	12	409	5	7	9	531	330	450	660
2016	531	531	5	23	28	531	29	31	32	392	7	9	12	384	5	7	9	499	330	460	660
2017	515	515	6	24	29	515	29	31	32	379	7	9	12	373	5	7	9	490	340	472.5	680
2018	534	529	7	23	30	529	29	31	32	388	7	9.5	12	384	5	7	10	502	340	500	700
2019	535	531	8	24	31	531	29	32	32	394	7	9	12	388	5	7	10	507	340	500	700
2020	500	498	9	22	32	498	30	32	32	370	7	9	12	365	5	7	9	474	350	500	700
<b>Total</b>	<b>3837</b>					<b>2584</b>	<b>26</b>	<b>30</b>	<b>32</b>	<b>1771</b>	<b>7</b>	<b>10</b>	<b>15</b>	<b>1810</b>	<b>5</b>	<b>8</b>	<b>12</b>	<b>2498</b>	<b>170</b>	<b>270</b>	<b>400</b>

Prince William Sound Salmon Drift Gillnet (S03E)

Table 25 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 25. Additional Prince William Sound Salmon Drift Gillnet Vessel Characteristics**

Year	Vessel Count	Hold Capacity				Vessel Count	Engine Power					Hull Material										
		Count	25%	Median	75%		Count	Diesel	Gas		Count	Aluminum	Fiberglass	Concrete	Steel	Wood						
1978	552	237	36	72	200	552	517	114	22.1%	403	77.9%	516	4	0.8%	331	64.1%	0	0.0%	3	0.6%	178	34.5%
1979	529	230	40	75	200	529	481	108	22.5%	373	77.5%	481	2	0.4%	337	70.1%	0	0.0%	1	0.2%	141	29.3%
1980	395	175	40	75	200	395	369	79	21.4%	290	78.6%	368	1	0.3%	289	78.5%	0	0.0%	0	0.0%	78	21.2%
1981	483	221	42	75	170	483	456	108	23.7%	348	76.3%	454	3	0.7%	355	78.2%	0	0.0%	0	0.0%	96	21.1%
1982	552	261	48	80	200	552	515	128	24.9%	387	75.1%	515	5	1.0%	417	81.0%	0	0.0%	0	0.0%	93	18.1%
1983	557	286	48	94	200	557	527	129	24.5%	398	75.5%	525	6	1.1%	449	85.5%	0	0.0%	0	0.0%	70	13.3%
1984	643	303	60	100	288	643	555	157	28.3%	398	71.7%	554	14	2.5%	461	83.2%	1	0.2%	3	0.5%	75	13.5%
1985	732	367	60	100	250	732	617	172	27.9%	445	72.1%	616	22	3.6%	519	84.3%	0	0.0%	4	0.6%	71	11.5%
1986	653	359	60	100	226	653	588	160	27.2%	428	72.8%	588	29	4.9%	506	86.1%	0	0.0%	1	0.2%	52	8.8%
1987	745	373	60	100	250	745	588	173	29.4%	415	70.6%	586	37	6.3%	495	84.5%	1	0.2%	5	0.9%	48	8.2%
1988	749	383	65	100	250	749	619	188	30.4%	431	69.6%	616	48	7.8%	517	83.9%	0	0.0%	6	1.0%	45	7.3%
1989	762	379	72	120	250	762	609	222	36.5%	387	63.5%	608	79	13.0%	488	80.3%	1	0.2%	7	1.2%	33	5.4%
1990	1047	423	75	120	300	1,047	743	281	37.8%	462	62.2%	742	144	19.4%	550	74.1%	2	0.3%	16	2.2%	30	4.0%
1991	903	391	75	120	250	903	674	271	40.2%	403	59.8%	670	129	19.3%	505	75.4%	0	0.0%	13	1.9%	23	3.4%
1992	642	366	80	120	220	642	597	246	41.2%	351	58.8%	593	94	15.9%	482	81.3%	0	0.0%	3	0.5%	14	2.4%
1993	610	354	80	120	220	610	559	232	41.5%	327	58.5%	559	90	16.1%	456	81.6%	0	0.0%	4	0.7%	9	1.6%
1994	601	347	80	120	220	601	548	219	40.0%	329	60.0%	547	88	16.1%	448	81.9%	0	0.0%	2	0.4%	9	1.6%
1995	544	345	80	120	200	544	540	232	43.0%	308	57.0%	541	90	16.6%	441	81.5%	0	0.0%	0	0.0%	10	1.8%
1996	536	320	80	120	200	536	531	231	43.5%	300	56.5%	532	99	18.6%	422	79.3%	0	0.0%	1	0.2%	10	1.9%
1997	560	320	80	121	200	560	554	245	44.2%	309	55.8%	555	117	21.1%	430	77.5%	0	0.0%	0	0.0%	8	1.4%
1998	556	305	80	125	220	556	552	246	44.6%	306	55.4%	553	121	21.9%	427	77.2%	0	0.0%	1	0.2%	4	0.7%
1999	560	298	85	133	240	560	553	254	45.9%	299	54.1%	555	131	23.6%	417	75.1%	0	0.0%	2	0.4%	5	0.9%
2000	547	305	85	135	240	547	542	259	47.8%	283	52.2%	543	132	24.3%	407	75.0%	0	0.0%	0	0.0%	4	0.7%
2001	534	296	83	131	240	534	529	249	47.1%	280	52.9%	530	131	24.7%	396	74.7%	0	0.0%	0	0.0%	3	0.6%
2002	534	298	85	133	250	534	531	252	47.5%	279	52.5%	531	135	25.4%	390	73.4%	0	0.0%	1	0.2%	5	0.9%
2003	520	285	89	132	240	520	517	242	46.8%	275	53.2%	518	139	26.8%	377	72.8%	0	0.0%	0	0.0%	2	0.4%
2004	517	285	90	140	250	517	515	238	46.2%	277	53.8%	515	148	28.7%	365	70.9%	0	0.0%	0	0.0%	2	0.4%
2005	512	272	85	135	235	512	510	232	45.5%	278	54.5%	509	150	29.5%	356	69.9%	0	0.0%	0	0.0%	3	0.6%
2006	497	282	90	140	240	497	496	218	44.0%	278	56.0%	495	147	29.7%	346	69.9%	0	0.0%	0	0.0%	2	0.4%
2007	508	279	90	140	250	508	506	219	43.3%	287	56.7%	506	150	29.6%	353	69.8%	0	0.0%	0	0.0%	3	0.6%
2008	538	293	96	149	256	538	537	239	44.5%	298	55.5%	536	171	31.9%	360	67.2%	0	0.0%	1	0.2%	4	0.7%
2009	527	293	96	150	300	527	526	233	44.3%	293	55.7%	526	167	31.7%	356	67.7%	0	0.0%	1	0.2%	2	0.4%
2010	533	293	95	150	280	533	531	232	43.7%	299	56.3%	532	179	33.6%	350	65.8%	0	0.0%	1	0.2%	2	0.4%
2011	527	277	90	150	250	527	524	215	41.0%	309	59.0%	526	185	35.2%	340	64.6%	0	0.0%	0	0.0%	1	0.2%
2012	541	278	96	150	250	541	535	239	44.7%	296	55.3%	540	208	38.5%	331	61.3%	0	0.0%	0	0.0%	1	0.2%
2013	539	275	100	150	250	539	532	251	47.2%	281	52.8%	537	226	42.1%	310	57.7%	0	0.0%	0	0.0%	1	0.2%
2014	575	297	100	162	264	575	570	282	49.5%	288	50.5%	574	248	43.2%	326	56.8%	0	0.0%	0	0.0%	0	0.0%
2015	564	288	100	162	290	564	558	278	49.8%	280	50.2%	561	265	47.2%	296	52.8%	0	0.0%	0	0.0%	0	0.0%
2016	531	264	109	168	264	531	528	266	50.4%	262	49.6%	531	258	48.6%	273	51.4%	0	0.0%	0	0.0%	0	0.0%
2017	515	257	100	162	280	515	513	258	50.3%	255	49.7%	515	256	49.7%	259	50.3%	0	0.0%	0	0.0%	0	0.0%
2018	534	269	110	175	300	534	526	264	50.2%	262	49.8%	528	271	51.3%	254	48.1%	0	0.0%	2	0.4%	1	0.2%
2019	535	274	100	166	308	535	529	266	50.3%	263	49.7%	531	276	52.0%	250	47.1%	0	0.0%	4	0.8%	1	0.2%
2020	500	247	100	162	300	500	496	247	49.8%	249	50.2%	498	265	53.2%	228	45.8%	0	0.0%	3	0.6%	2	0.4%
<b>Total</b>	<b>3837</b>	<b>1,299</b>	<b>80</b>	<b>200</b>	<b>450</b>	<b>3,837</b>	<b>2567</b>	<b>1238</b>	<b>48.2%</b>	<b>1329</b>	<b>51.8%</b>	<b>2575</b>	<b>663</b>	<b>25.7%</b>	<b>1502</b>	<b>58.3%</b>	<b>4</b>	<b>0.2%</b>	<b>71</b>	<b>2.8%</b>	<b>335</b>	<b>13.0%</b>

## Participation and Earnings

Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 8 are for both nominal and real dollars using the 2021 Consumer Price Index from the U.S. Bureau of Labor Statistics.

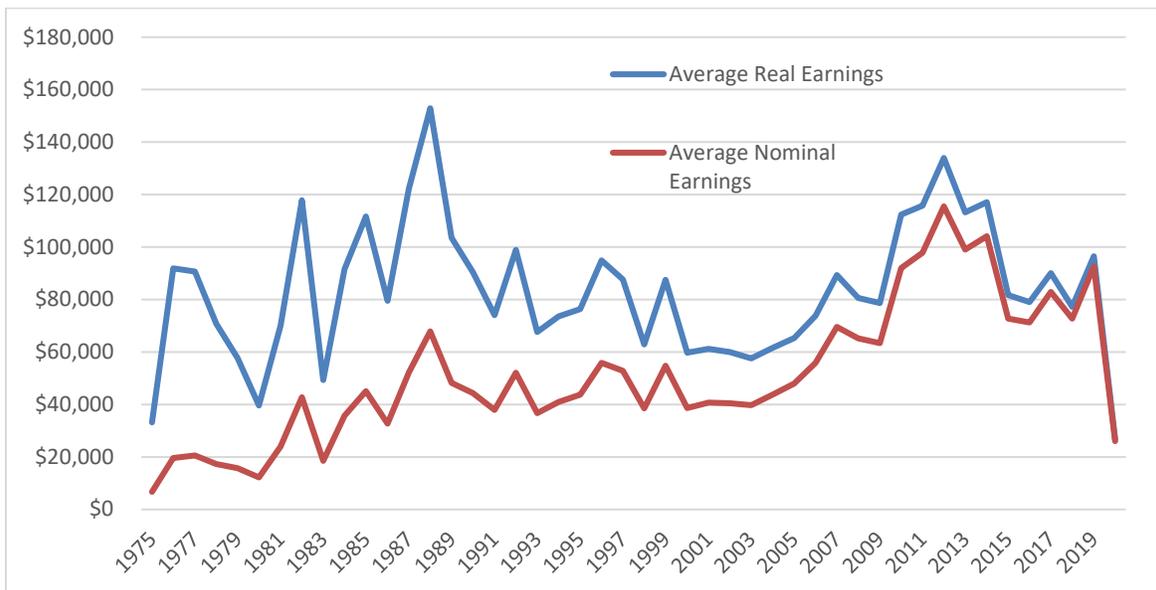
Permit counts include interim-entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held was in 2006. Some individuals made landings on both an 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 26 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 2020. 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 27 reports the number of permit holders (people) and estimated real (inflation adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Table 28 breaks out participation and real earnings by ADF&G salmon district. Note that some permits are used to record landings in more than one district.

**Figure 8. Estimated Nominal and Real Average Gross Earnings Per Prince William Sound Salmon Drift Gillnet Permit**



- Real earnings are adjusted for inflation using the 2021 U.S. Bureau of Labor Statistics Consumer Price Index.

**Table 26. 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, 1975-2020**

Year	Viable Permits	Total Gross Earnings		Permits With Landings	Average Real Earnings	Vessels With Landings	Average Real Vessel Earnings
		Nominal	Real				
1975	535	\$2,922,434	\$14,457,567	435	\$33,236	438	\$33,008
1976	534	\$9,332,823	\$43,662,089	475	\$91,920	477	\$91,535
1977	532	\$10,277,264	\$45,145,294	498	\$90,653	534	\$84,542
1978	544	\$8,909,837	\$36,363,652	514	\$70,746	552	\$65,876
1979	549	\$7,950,772	\$29,166,853	506	\$57,642	529	\$55,136
1980	545	\$4,818,321	\$15,566,534	393	\$39,610	395	\$39,409
1981	546	\$11,468,052	\$33,579,458	479	\$70,103	483	\$69,523
1982	543	\$22,388,631	\$61,768,570	524	\$117,879	552	\$111,900
1983	543	\$9,746,248	\$26,052,263	528	\$49,341	557	\$46,772
1984	543	\$18,663,272	\$47,830,974	522	\$91,630	643	\$74,387
1985	544	\$24,051,015	\$59,528,238	533	\$111,685	732	\$81,323
1986	544	\$17,181,009	\$41,732,310	525	\$79,490	653	\$63,909
1987	542	\$27,100,640	\$63,499,891	519	\$122,350	745	\$85,235
1988	541	\$35,656,356	\$80,273,561	525	\$152,902	749	\$107,174
1989	542	\$23,375,424	\$50,202,102	485	\$103,509	762	\$65,882
1990	541	\$23,105,657	\$47,081,310	521	\$90,367	1,047	\$44,968
1991	541	\$19,592,906	\$38,301,488	517	\$74,084	903	\$42,416
1992	541	\$27,458,043	\$52,098,791	527	\$98,859	642	\$81,151
1993	541	\$18,863,565	\$34,765,501	514	\$67,637	610	\$56,993
1994	541	\$20,723,746	\$37,223,235	506	\$73,564	601	\$61,935
1995	542	\$22,648,223	\$39,569,812	518	\$76,390	544	\$72,739
1996	539	\$28,460,838	\$48,309,271	509	\$94,910	536	\$90,129
1997	540	\$27,462,172	\$45,549,339	520	\$87,595	560	\$81,338
1998	541	\$20,115,875	\$32,854,619	522	\$62,940	556	\$59,091
1999	541	\$28,544,014	\$45,621,814	521	\$87,566	560	\$81,468
2000	541	\$20,325,656	\$31,425,251	526	\$59,744	547	\$57,450
2001	541	\$21,236,239	\$31,930,677	522	\$61,170	534	\$59,795
2002	540	\$21,026,589	\$31,121,846	519	\$59,965	534	\$58,281
2003	540	\$20,269,755	\$29,335,693	510	\$57,521	520	\$56,415
2004	540	\$22,408,577	\$31,585,514	513	\$61,570	517	\$61,094
2005	538	\$24,066,702	\$32,809,544	502	\$65,358	512	\$64,081
2006	538	\$27,497,718	\$36,315,448	492	\$73,812	497	\$73,069
2007	537	\$34,903,708	\$44,817,821	502	\$89,279	508	\$88,224
2008	537	\$33,038,463	\$40,854,329	507	\$80,581	538	\$75,937
2009	537	\$32,395,561	\$40,202,274	511	\$78,674	527	\$76,285
2010	537	\$47,761,081	\$58,314,214	519	\$112,359	533	\$109,408
2011	537	\$50,157,831	\$59,366,438	513	\$115,724	527	\$112,650
2012	537	\$60,292,098	\$69,914,514	522	\$133,936	541	\$129,232
2013	536	\$52,020,635	\$59,452,080	525	\$113,242	539	\$110,301
2014	536	\$54,567,982	\$61,367,808	524	\$117,114	575	\$106,727
2015	537	\$37,828,639	\$42,492,134	520	\$81,716	564	\$75,341
2016	537	\$36,830,697	\$40,855,737	517	\$79,025	531	\$76,941
2017	537	\$41,765,301	\$45,363,330	504	\$90,007	515	\$88,084
2018	536	\$36,968,639	\$39,196,046	508	\$77,158	534	\$73,401
2019	536	\$46,680,112	\$48,611,701	504	\$96,452	535	\$90,863
2020	536	\$12,711,441	\$13,076,126	488	\$26,795	500	\$26,152

- Adjusted for inflation to 2021 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year.
- The 1989 fishing season was cut short due to the Exxon Valdez oil spill that occurred that year.

**Table 27. Estimated Real Gross Earnings for Permit Holders in the Prince William Sound Salmon Drift Gillnet Fishery by Resident Type, 1975-2020**

Year	Local			Nonlocal			Nonresident			Total		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	307	\$31,796	\$9,761,518	24	\$24,690	\$592,567	111	\$36,968	\$4,103,483	442	\$32,709	\$14,457,567
1976	355	\$82,391	\$29,248,730	34	\$62,817	\$2,135,789	109	\$112,638	\$12,277,570	498	\$87,675	\$43,662,089
1977	349	\$81,347	\$28,390,165	35	\$90,304	\$3,160,647	124	\$109,633	\$13,594,482	508	\$88,869	\$45,145,294
1978	339	\$68,243	\$23,134,523	47	\$63,055	\$2,963,566	142	\$72,293	\$10,265,564	528	\$68,871	\$36,363,652
1979	316	\$49,751	\$15,721,260	58	\$75,117	\$4,356,772	144	\$63,117	\$9,088,821	518	\$56,307	\$29,166,853
1980	249	\$35,686	\$8,885,824	50	\$48,278	\$2,413,919	98	\$43,539	\$4,266,792	397	\$39,210	\$15,566,534
1981	296	\$58,799	\$17,404,625	57	\$95,363	\$5,435,708	138	\$77,820	\$10,739,124	491	\$68,390	\$33,579,458
1982	314	\$102,896	\$32,309,358	73	\$125,363	\$9,151,531	157	\$129,348	\$20,307,681	544	\$113,545	\$61,768,570
1983	315	\$47,718	\$15,031,139	87	\$39,937	\$3,474,526	141	\$53,522	\$7,546,598	543	\$47,978	\$26,052,263
1984	306	\$86,240	\$26,389,310	93	\$85,250	\$7,928,272	143	\$94,499	\$13,513,393	542	\$88,249	\$47,830,974
1985	305	\$106,053	\$32,346,217	112	\$98,542	\$11,036,661	142	\$113,700	\$16,145,360	559	\$106,491	\$59,528,238
1986	283	\$78,912	\$22,332,148	110	\$69,265	\$7,619,192	154	\$76,500	\$11,780,970	547	\$76,293	\$41,732,310
1987	272	\$118,919	\$32,345,989	112	\$117,618	\$13,173,174	146	\$123,156	\$17,980,728	530	\$119,811	\$63,499,891
1988	266	\$146,181	\$38,884,242	126	\$147,026	\$18,525,225	150	\$152,427	\$22,864,094	542	\$148,106	\$80,273,561
1989	232	\$104,984	\$24,356,386	131	\$84,350	\$11,049,842	139	\$106,445	\$14,795,875	502	\$100,004	\$50,202,102
1990	276	\$87,943	\$24,272,195	125	\$83,847	\$10,480,921	142	\$86,818	\$12,328,193	543	\$86,706	\$47,081,310
1991	275	\$75,248	\$20,693,232	118	\$68,624	\$8,097,642	134	\$70,975	\$9,510,615	527	\$72,678	\$38,301,488
1992	280	\$102,544	\$28,712,308	124	\$89,819	\$11,137,524	133	\$92,097	\$12,248,960	537	\$97,018	\$52,098,791
1993	279	\$70,870	\$19,772,788	114	\$58,967	\$6,722,289	130	\$63,619	\$8,270,425	523	\$66,473	\$34,765,501
1994	276	\$75,783	\$20,916,084	112	\$67,060	\$7,510,767	134	\$65,645	\$8,796,383	522	\$71,309	\$37,223,235
1995	264	\$77,475	\$20,453,390	128	\$71,762	\$9,185,556	141	\$70,432	\$9,930,865	533	\$74,240	\$39,569,812
1996	261	\$95,162	\$24,837,190	122	\$92,698	\$11,309,125	138	\$88,137	\$12,162,956	521	\$92,724	\$48,309,271
1997	269	\$87,884	\$23,640,693	128	\$85,646	\$10,962,638	137	\$79,898	\$10,946,008	534	\$85,298	\$45,549,339
1998	261	\$64,175	\$16,749,654	135	\$59,845	\$8,079,051	137	\$58,583	\$8,025,914	533	\$61,641	\$32,854,619
1999	262	\$87,056	\$22,808,625	135	\$85,515	\$11,544,540	138	\$81,657	\$11,268,649	535	\$85,274	\$45,621,814
2000	262	\$57,611	\$15,093,985	143	\$65,180	\$9,320,718	132	\$53,110	\$7,010,548	537	\$58,520	\$31,425,251
2001	252	\$61,135	\$15,405,981	144	\$66,261	\$9,541,537	131	\$53,307	\$6,983,159	527	\$60,590	\$31,930,677
2002	244	\$59,148	\$14,432,106	151	\$63,137	\$9,533,645	134	\$53,404	\$7,156,095	529	\$58,831	\$31,121,846
2003	252	\$55,644	\$14,022,206	138	\$61,786	\$8,526,443	129	\$52,613	\$6,787,045	519	\$56,523	\$29,335,693
2004	248	\$62,691	\$15,547,329	144	\$59,872	\$8,621,630	128	\$57,942	\$7,416,556	520	\$60,741	\$31,585,514
2005	252	\$62,885	\$15,846,921	137	\$69,255	\$9,487,992	125	\$59,797	\$7,474,631	514	\$63,832	\$32,809,544
2006	250	\$70,516	\$17,629,015	136	\$79,504	\$10,812,534	117	\$67,298	\$7,873,899	503	\$72,198	\$36,315,448
2007	254	\$84,413	\$21,440,906	138	\$101,758	\$14,042,639	117	\$79,780	\$9,334,276	509	\$88,051	\$44,817,821
2008	250	\$74,809	\$18,702,351	154	\$89,997	\$13,859,591	114	\$72,740	\$8,292,387	518	\$78,869	\$40,854,329
2009	246	\$70,756	\$17,405,978	161	\$85,713	\$13,799,767	132	\$68,156	\$8,996,530	539	\$74,587	\$40,202,274
2010	250	\$93,539	\$23,384,670	183	\$125,772	\$23,016,365	115	\$103,593	\$11,913,179	548	\$106,413	\$58,314,214
2011	246	\$106,915	\$26,300,985	180	\$116,075	\$20,893,520	108	\$112,703	\$12,171,933	534	\$111,173	\$59,366,438
2012	252	\$119,761	\$30,179,881	173	\$141,347	\$24,453,016	120	\$127,347	\$15,281,617	545	\$128,284	\$69,914,514
2013	242	\$105,680	\$25,574,618	187	\$118,698	\$22,196,468	111	\$105,234	\$11,680,993	540	\$110,096	\$59,452,080
2014	247	\$108,582	\$26,819,734	183	\$125,342	\$22,937,542	113	\$102,748	\$11,610,532	543	\$113,016	\$61,367,808
2015	235	\$72,394	\$17,012,603	186	\$91,549	\$17,028,120	109	\$77,536	\$8,451,411	530	\$80,174	\$42,492,134
2016	233	\$71,358	\$16,626,488	188	\$85,513	\$16,076,523	113	\$72,148	\$8,152,726	534	\$76,509	\$40,855,737
2017	231	\$79,036	\$18,257,259	178	\$103,984	\$18,509,064	106	\$81,104	\$8,597,007	515	\$88,084	\$45,363,330
2018	229	\$69,860	\$15,997,919	179	\$84,454	\$15,117,227	109	\$74,137	\$8,080,899	517	\$75,814	\$39,196,046
2019	230	\$76,867	\$17,679,524	182	\$117,939	\$21,464,829	105	\$90,165	\$9,467,347	517	\$94,027	\$48,611,701
2020	229	\$24,098	\$5,518,415	176	\$30,647	\$5,393,950	89	\$24,312	\$2,163,761	494	\$26,470	\$13,076,126

- Adjusted for inflation to 2021 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year.
- Note that these counts are for individuals, not permits.
- The 1989 fishing season was cut short due to the Exxon Valdez oil spill that occurred that year.

Prince William Sound Salmon Drift Gillnet (S03E)

Table 28. Gross Real Earnings for the Prince William Sound Salmon Drift Gillnet Fishery by ADF&G Salmon District, 1975 to 2020

Year	Bering River		Copper River		Northern		Coghill		Northwestern		Eshmay		Montague		Unakwik		Total	
	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value	Permits	Real Value
1975	88	\$1,044,844	400	\$8,733,990	18	\$217,528	282	\$4,304,951	56	\$91,792	0	\$0	0	\$0	0	\$0	435	\$14,457,567
1976	126	\$2,423,447	447	\$35,449,573	16	\$304,638	300	\$5,484,431	0	\$0	0	\$0	0	\$0	0	\$0	475	\$43,662,089
1977	93	\$2,060,185	488	\$30,194,274	19	\$314,485	291	\$11,251,595	0	\$0	101	\$1,278,493	0	\$0	0	\$0	498	\$45,145,294
1978	154	\$4,804,248	493	\$21,225,651	34	\$378,457	433	\$9,955,296	0	\$0	0	\$0	0	\$0	0	\$0	514	\$36,363,652
1979	222	\$9,772,806	481	\$13,234,469	48	\$386,920	360	\$5,772,658	0	\$0	0	\$0	0	\$0	0	\$0	506	\$29,166,853
1980	106	\$3,238,715	359	\$8,377,801	3	\$66,969	138	\$3,850,584	0	\$0	16	\$31,218	0	\$0	0	\$0	393	\$15,565,287
1981	155	\$3,717,413	470	\$22,378,306	9	\$104,951	202	\$7,378,787	0	\$0	0	\$0	0	\$0	0	\$0	479	\$33,579,458
1982	159	\$5,495,414	512	\$34,181,673	**		393	\$21,146,744	1-3	--	0	\$0	0	\$0	0	\$0	524	\$61,768,570
1983	193	\$4,938,429	514	\$17,588,051	61	\$251,786	379	\$2,924,159	0	\$0	34	\$339,963	0	\$0	0	\$0	528	\$26,052,263
1984	292	\$7,934,113	509	\$30,775,348	52	\$685,977	345	\$7,215,214	4	\$3,507	126	\$1,216,816	0	\$0	0	\$0	522	\$47,830,974
1985	250	\$10,190,736	524	\$37,614,694	64	\$682,431	408	\$10,961,475	0	\$0	20	\$76,039	0	\$0	0	\$0	533	\$59,528,238
1986	225	\$2,870,636	516	\$26,956,461	47	\$643,202	411	\$11,259,730	1-3	--	1-3	--	0	\$0	0	\$0	525	\$41,732,310
1987	108	\$850,210	514	\$43,905,827	0	\$0	408	\$18,447,761	1-3	--	19	\$87,061	0	\$0	20	\$201,417	519	\$63,499,891
1988	158	\$4,127,259	520	\$44,191,873	0	\$0	440	\$22,287,284	0	\$0	330	\$9,226,638	0	\$0	35	\$438,884	525	\$80,273,561
1989	40	\$634,189	473	\$40,591,313	0	\$0	352	\$8,081,968	0	\$0	0	\$0	0	\$0	98	\$894,632	485	\$50,202,102
1990	109	\$1,016,133	514	\$30,869,341	0	\$0	401	\$10,667,873	0	\$0	335	\$4,499,010	0	\$0	5	\$28,953	521	\$47,081,310
1991	96	\$1,845,321	512	\$27,764,000	0	\$0	209	\$1,529,009	0	\$0	273	\$7,076,124	0	\$0	27	\$87,033	517	\$38,301,488
1992	182	\$2,741,631	524	\$33,959,269	0	\$0	345	\$5,048,040	0	\$0	375	\$10,287,085	0	\$0	16	\$62,766	527	\$52,098,791
1993	153	\$1,802,087	508	\$24,322,977	0	\$0	369	\$7,001,287	0	\$0	200	\$1,416,318	0	\$0	33	\$222,833	514	\$34,765,501
1994	181	\$3,851,325	502	\$27,385,358	0	\$0	332	\$4,925,363	0	\$0	76	\$1,052,255	0	\$0	17	\$8,934	506	\$37,223,235
1995	195	\$2,835,116	513	\$32,190,262	0	\$0	277	\$3,856,074	0	\$0	144	\$650,786	0	\$0	12	\$37,574	518	\$39,569,812
1996	140	\$1,353,768	505	\$39,356,040	0	\$0	254	\$4,885,962	0	\$0	157	\$2,614,645	0	\$0	9	\$98,855	509	\$48,309,271
1997	16	\$99,598	516	\$33,881,272	0	\$0	317	\$6,344,656	0	\$0	296	\$5,183,083	0	\$0	4	\$40,731	520	\$45,549,339
1998	86	\$255,392	517	\$27,427,212	0	\$0	307	\$3,330,489	0	\$0	157	\$1,614,187	0	\$0	34	\$227,339	522	\$32,854,619
1999	66	\$317,116	517	\$39,365,320	0	\$0	238	\$4,155,495	0	\$0	104	\$1,630,671	0	\$0	15	\$153,212	521	\$45,621,814
2000	69	\$452,736	519	\$18,486,368	0	\$0	453	\$8,789,416	0	\$0	271	\$3,678,619	0	\$0	4	\$18,111	526	\$31,425,251
2001	15	\$80,959	503	\$20,030,904	0	\$0	287	\$6,140,985	0	\$0	283	\$5,647,612	0	\$0	9	\$30,217	522	\$31,930,677
2002	79	\$524,271	506	\$20,181,804	0	\$0	344	\$3,705,194	0	\$0	390	\$6,602,732	0	\$0	36	\$107,845	519	\$31,121,846
2003	120	\$560,751	504	\$19,746,116	0	\$0	223	\$2,918,424	0	\$0	271	\$6,088,036	0	\$0	5	\$22,367	510	\$29,335,693
2004	118	\$1,056,654	503	\$23,266,877	0	\$0	242	\$4,267,831	0	\$0	241	\$2,891,669	0	\$0	12	\$102,485	513	\$31,585,514
2005	137	\$1,454,897	495	\$25,361,169	0	\$0	203	\$4,504,896	0	\$0	137	\$1,157,474	0	\$0	23	\$331,107	502	\$32,809,544
2006	117	\$1,118,243	488	\$26,765,837	0	\$0	190	\$3,388,994	0	\$0	178	\$5,032,477	0	\$0	10	\$9,896	492	\$36,315,448
2007	63	\$314,301	492	\$30,568,822	0	\$0	270	\$6,201,424	0	\$0	265	\$7,515,209	0	\$0	19	\$218,065	502	\$44,817,821
2008	60	\$697,176	492	\$12,276,512	0	\$0	413	\$18,396,744	0	\$0	366	\$9,474,739	0	\$0	5	\$9,158	507	\$40,854,329
2009	83	\$766,431	486	\$17,781,935	0	\$0	377	\$8,811,175	0	\$0	357	\$9,052,339	202	\$3,755,618	10	\$34,777	511	\$40,202,274
2010	**	**	495	\$13,306,233	0	\$0	428	\$23,840,788	0	\$0	413	\$18,221,321	113	\$1,901,939	1-3	--	519	\$58,314,214
2011	33	\$226,294	485	\$33,703,681	0	\$0	357	\$12,713,260	0	\$0	346	\$11,810,136	44	\$895,328	4	\$17,739	513	\$59,366,438
2012	48	\$592,491	510	\$30,770,538	0	\$0	359	\$21,132,765	0	\$0	355	\$15,330,764	54	\$2,066,395	5	\$21,562	522	\$69,914,514
2013	**	**	514	\$32,920,659	0	\$0	388	\$16,314,535	0	\$0	326	\$6,945,094	151	\$2,550,352	1-3	--	525	\$59,452,080
2014	83	\$990,829	517	\$40,336,025	0	\$0	284	\$8,454,908	0	\$0	311	\$11,577,963	0	\$0	4	\$8,084	524	\$61,367,808
2015	34	\$121,878	511	\$25,987,823	0	\$0	268	\$4,597,923	0	\$0	317	\$10,885,073	109	\$865,585	6	\$33,851	520	\$42,492,134
2016	148	\$1,368,356	509	\$24,043,094	0	\$0	269	\$7,679,102	0	\$0	288	\$6,777,083	133	\$981,891	4	\$6,210	517	\$40,855,737
2017	114	\$1,779,877	490	\$17,543,810	0	\$0	397	\$17,196,552	5	\$8,330	335	\$8,825,197	0	\$0	5	\$9,564	504	\$45,363,330
2018	160	\$1,945,073	484	\$7,127,854	0	\$0	452	\$18,936,469	0	\$0	344	\$11,143,547	0	\$0	7	\$43,103	508	\$39,196,046
2019	78	\$414,912	484	\$23,828,368	0	\$0	325	\$11,336,322	0	\$0	331	\$7,192,096	218	\$5,722,354	11	\$117,649	504	\$48,611,701
2020	105	\$914,999	461	\$4,292,934	0	\$0	365	\$3,068,821	0	\$0	384	\$4,790,003	0	\$0	12	\$9,369	488	\$13,076,126

- Adjusted for inflation to 2021 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- When fewer than four permits make landings, earnings in another column are masked (\*\*) due to reasons of confidentiality.
- Some permits are used to record landings in more than one district.
- The 1989 fishing season was cut short due to the Exxon Valdez oil spill that occurred that 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 29 indicates the initial distribution and historical 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 29. Initial Issuance and Year-end 2020 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		2020 YEAR-END	
Residency	Total	Percent	Change	Percent Change from Initial	Change	Percent Change from Initial	Change	Percent Change from Initial	Total	Percentage
Local	21	70.0%	-13	-61.9%	-4	-19.0%	0	0.0%	4	13.8%
Nonlocal	2	6.7%	14	700.0%	2	100.0%	-1	-50.0%	17	58.6%
Nonresident	7	23.3%	-1	-14.3%	2	28.6%	0	0.0%	8	27.6%
<b>Total</b>	<b>30</b>	<b>100.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>-1</b>	<b>-3.3%</b>	<b>29</b>	<b>100.0%</b>

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types (transfer); permit holders can move from one location to another (migration); or permits can be cancelled (such as when a permit holder does not pay the renewal fee for two consecutive years). This table indicates the extent to which these factors have contributed to net changes in permit holdings in this fishery. Transfers have had the largest impact on the changes. By the end of 2020, one permit had been cancelled due to nonpayment of permit renewal fees.

## 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.<sup>7</sup> The surveys provide information such as transfer acquisition methods, the relationship between individuals in the transaction, and the sale amount for instances when the permit is sold.

**Table 30. Transfer Acquisition Methods for Prince William Sound Salmon Set Gillnet Permits, 1980-2020**

Acquisition Method	S04E Permit		PWS Combined Salmon		Statewide Salmon Set Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Gift	52	38.8%	709	25.5%	6,567	50.8%	13,099	32.5%
Sale	74	55.2%	1874	67.3%	4,991	38.6%	23,650	58.6%
Trade	1	0.8%	32	1.2%	97	0.8%	528	1.3%
Other	7	5.2%	169	6.1%	1,265	9.8%	3,086	7.7%
<b>Total</b>	<b>134</b>		<b>2,784</b>		<b>12,920</b>		<b>40,363</b>	

Table 30 compares and contrasts 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 2020. The majority of S04E permit transfers were sales (55.2% or 74/134), then gifts (38.8% or 52/134), and a smaller percentage were trades (0.8% or 1/134) or other (4.1% or 7/134). The annual acquisition methods for S04E permits have not changed substantially throughout the time period.<sup>8</sup>

**Table 31. Relationships of Transferor to Transfer Recipients for Prince William Sound Salmon Set Gillnet Permit, 1980-2020**

Relationship	S04E Permit		PWS Combined Salmon		Statewide Salmon Set Gillnet		All Fisheries Statewide	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Business Partner/Friend	27	20.2%	466	16.7%	2,557	19.8%	7,528	18.7%
Member of Immediate Family	56	41.8%	809	29.1%	6,235	48.3%	13,614	33.7%
Other Relative	5	3.7%	105	3.8%	896	6.9%	1,812	4.5%
Other	46	27.6%	1,404	44.9%	3,232	21.1%	17,409	38.9%
<b>Total</b>	<b>134</b>		<b>2,784</b>		<b>12,920</b>		<b>40,363</b>	

Table 31 shows the relationships between the transferors and transfer recipients for S04E permits, and compares and contrasts 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 2020. Permit transfers between immediate family members and other relatives total 45.5% (61/134) of all transfers of S04E permits, compared to 32.7% (910/2,784) for all three Prince William Sound salmon permit types combined, 55.2% (7,131/12,920) for statewide salmon set gillnet permits, and 33.7% (13,614/40363) for all limited entry permits statewide.

<sup>7</sup> CFEC implemented the transfer survey in 1980.

<sup>8</sup> See *Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits, 1975-2021*, CFEC Report No. 21-1N.

## S04E Permit Value

Many permit transfers are non-monetary transactions (see Table 30). Table 32 considers solely the arms-length market transactions where permits are sold. CFEC estimated values are expressed in real (adjusted for inflation) terms. More detailed information on permit values can be found on the CFEC website at: [Prince William Sound Set Gillnet Estimated Permit Values](#)

**Table 32. CFEC Estimated Value of Prince William Sound Salmon Set Gillnet Permits**

Year	S04E Permit Sales	Permit Value	Standard Deviation
1982	5	\$53,523	-
1983	5	\$64,600	-
1984	3	\$80,089	-
1985	4	\$80,131	-
1986	1	-	-
1987	4	\$69,400	\$10,500
1988	2	\$109,800	\$50,100
1989	1	\$143,900	\$45,600
1990	1	\$173,200	\$42,900
1991	1	\$192,400	\$11,900
1992	1	\$191,400	\$9,600
1993	0	\$191,400	\$9,600
1994	2	\$112,900	\$53,200
1995	3	\$115,000	\$28,500
1996	2	\$95,100	\$29,900
1997	1	\$84,600	\$16,800
1998	2	\$91,800	\$9,600
1999	0	\$91,800	\$9,600
2000	4	\$93,500	\$10,000
2001	3	\$91,300	\$6,000
2002	2	\$86,100	\$9,200
2003	1	\$85,400	\$7,500
2004	3	\$88,700	\$2,900
2005	1	\$86,800	\$2,600
2006	1	\$83,800	\$3,500
2007	0	\$83,800	\$3,500
2008	1	\$75,200	\$7,800
2009	1	\$73,500	\$5,500
2010	1	\$75,100	\$4,200
2011	0	\$75,100	\$4,200
2012	1	\$74,700	\$2,900
2013	2	\$165,500	\$64,400
2014	1	\$236,900	\$111,700
2015	0	\$236,900	\$111,700
2016	0	\$236,900	\$111,700
2017	0	\$236,900	\$111,700
2018	0	\$236,900	\$111,700
2019	1	\$139,300	\$104,500
2020	1	\$176,800	\$96,100

- Permit values represent averages of all arms-length sale transactions over the year. Beginning in 1991, additional data from recent months in the preceding year may be included until at least four observations can be averaged.
- The Standard Deviation was not calculated prior to 1991.
- Real permit values were calculated using the 2021 Consumer Price Index from the U.S. Bureau of Labor Statistics.

## Emergency Transfers of S04E Permits

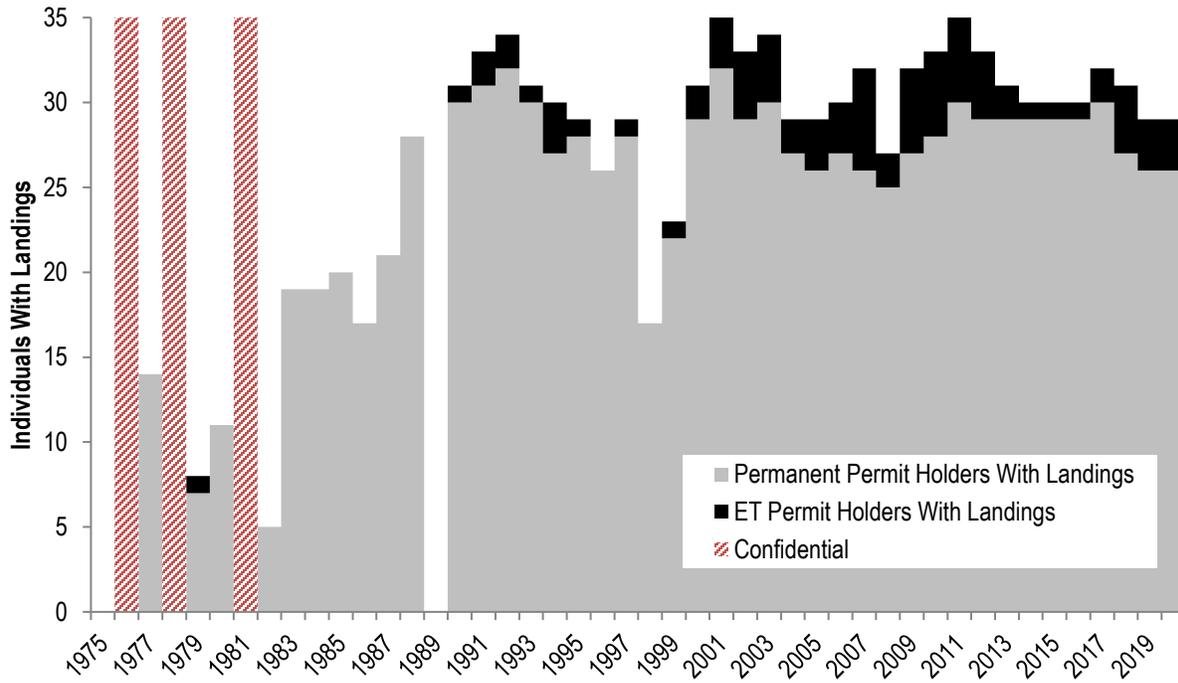
Commercial landings can be made with either permanently-held permits or with permits held temporarily through emergency transfers. Emergency transfers (ET) of permits are granted if illness, disability, death, required military or government service, or other unavoidable hardship of a temporary, unexpected,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

Table 33 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 33. Use of Emergency Transfer Permits in the Prince William Sound Salmon Set Gillnet Fishery, 1975-2020**

Year	Individuals With Landings	ET Permit Holders With Landings	Rate ET
1975	0	0	-
1976	1-3	0	0.0%
1977	14	0	0.0%
1978	1-3	0	0.0%
1979	7	1	14.3%
1980	11	0	0.0%
1981	1-3	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	3.3%
1991	31	2	6.5%
1992	32	2	6.3%
1993	30	1	3.3%
1994	27	3	11.1%
1995	28	1	3.6%
1996	26	0	0.0%
1997	28	1	3.6%
1998	17	0	0.0%
1999	22	1	4.5%
2000	29	2	6.9%
2001	32	3	9.4%
2002	29	4	13.8%
2003	30	4	13.3%
2004	27	2	7.4%
2005	26	3	11.5%
2006	27	3	11.1%
2007	26	6	23.1%
2008	25	2	8.0%
2009	27	5	18.5%
2010	28	5	17.9%
2011	30	5	16.7%
2012	29	4	13.8%
2013	29	2	6.9%
2014	29	1	3.4%
2015	29	1	3.4%
2016	29	1	3.4%
2017	30	2	6.7%
2018	27	4	14.8%
2019	26	3	11.5%
2020	26	3	11.5%

Figure 9. Use of Emergency Transfer Permits in the Prince William Sound Salmon Set Gillnet Fishery, 1975-2020



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

## 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.<sup>9</sup> Additional information regarding DNR shore fishery leases can be found in CFEC publication 17-2N.<sup>10</sup>

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 34.

**Table 34. Prince William Sound Salmon Set Gillnet Permits With a DNR Shore Fishery Lease by Year**

Year	S04E Permits			Year	S04E Permits		
	Total Count	With DNR Lease Count	Percent		Total Count	With DNR Lease Count	Percent
1975	26	14	53.8%	1998	30	24	80.0%
1976	28	15	53.6%	1999	30	23	76.7%
1977	29	15	51.7%	2000	30	23	76.7%
1978	28	14	50.0%	2001	30	22	73.3%
1979	30	15	50.0%	2002	30	23	76.7%
1980	30	16	53.3%	2003	30	24	80.0%
1981	31	18	58.1%	2004	30	23	76.7%
1982	30	19	63.3%	2005	30	22	73.3%
1983	30	19	63.3%	2006	29	21	72.4%
1984	30	19	63.3%	2007	30	22	73.3%
1985	30	19	63.3%	2008	29	22	75.9%
1986	30	17	56.7%	2009	29	21	72.4%
1987	30	18	60.0%	2010	29	22	75.9%
1988	30	21	70.0%	2011	29	24	82.8%
1989	30	25	83.3%	2012	29	24	82.8%
1990	30	23	76.7%	2013	29	24	82.8%
1991	30	24	80.0%	2014	29	24	82.8%
1992	30	24	80.0%	2015	29	24	82.8%
1993	30	26	86.7%	2016	29	24	82.8%
1994	30	26	86.7%	2017	29	24	82.8%
1995	30	25	83.3%	2018	29	25	86.2%
1996	30	22	73.3%	2019	28	25	89.3%
1997	30	24	80.0%	2020	28	25	89.3%

<sup>9</sup> See 5 AAC 24.331(b) (1) (A) and 5 AAC 24.331(b) (1) (D).

<sup>10</sup> See *CFEC Salmon Set Gillnet Permits and DNR Shore Fishery Leases in Prince William Sound, Cook Inlet, Kodiak, Alaska Peninsula, and Bristol Bay 1975-2018*. CFEC Report No. 19-3N.

## Latent S04E Permits

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

Table 35 indicates 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.

Several complications make it difficult to accurately count the number of latent permits; therefore, the figures should be viewed with caution.

First, 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,<sup>11</sup> 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.

Secondly, 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.<sup>12</sup> The 'Landings and/or DNR lease' column counts permits associated with either a DNR Shore Fishery Lease or a commercial landing.

There are many reasons why an individual might not fish in any given year. This table and figure do not explain any of these reasons, but simply estimate the rate of permit latency. The actual annual rate of latency is likely lies between the rates given in this table.

**Table 35. Prince William Sound Salmon Set Gillnet Permit Latency, 1975-2020**

Year	Total Fishery Permits	Permits With Landings		Landings and/or DNR Lease	
		Count	Latency	Count	Latency
1975	26	0	100%	14	46.15%
1976	28	1-3	96.4%	16	42.86%
1977	29	14	51.7%	22	24.14%
1978	28	1-3	92.9%	16	42.86%
1979	30	7	76.7%	18	40.00%
1980	30	11	63.3%	20	33.33%
1981	31	1-3	90.3%	20	35.48%
1982	30	5	83.3%	22	26.67%
1983	30	17	43.3%	24	20.00%
1984	30	19	36.7%	24	20.00%
1985	30	20	33.3%	26	13.33%
1986	30	17	43.3%	22	26.67%
1987	30	21	30.0%	27	10.00%
1988	30	28	6.7%	29	3.33%
1989	30	0	100%	25	16.67%
1990	30	29	3.3%	29	3.33%
1991	30	29	3.3%	30	0.00%
1992	30	30	0%	30	0.00%
1993	30	30	0%	30	0.00%
1994	30	26	13.3%	30	0.00%
1995	30	27	10%	30	0.00%
1996	30	26	13.3%	29	3.33%
1997	30	27	10.0%	29	3.33%
1998	30	17	43.3%	28	6.67%
1999	30	22	26.7%	29	3.33%
2000	30	29	3.3%	30	0.00%
2001	30	30	0%	30	0.00%
2002	30	28	6.7%	30	0.00%
2003	30	28	6.7%	29	3.33%
2004	30	27	10.0%	30	0.00%
2005	30	26	13.3%	29	3.33%
2006	29	26	10.3%	27	6.90%
2007	30	25	16.7%	27	10.00%
2008	29	25	13.8%	26	10.34%
2009	29	27	6.9%	28	3.45%
2010	29	28	3.4%	29	0.00%
2011	29	29	0%	29	0.00%
2012	29	29	0%	29	0.00%
2013	29	28	3.4%	28	3.45%
2014	29	29	0%	29	0.00%
2015	29	29	0%	29	0.00%
2016	29	29	0%	29	0.00%
2017	29	29	0%	29	0.00%
2018	29	26	10.3%	29	0.00%
2019	28	26	7.1%	28	0.00%
2020	28	26	7.1%	28	0.00%

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

<sup>11</sup> See AS 16.05.680 (b) and AS 16.05.690 (b).

<sup>12</sup> See 11 AAC 64.180.

## New Entrants into 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 in order to become an initial permit holder of a limited entry permit. Individuals who only make landings on an emergency transfer or interim-entry permit for any given year are not considered in this table.

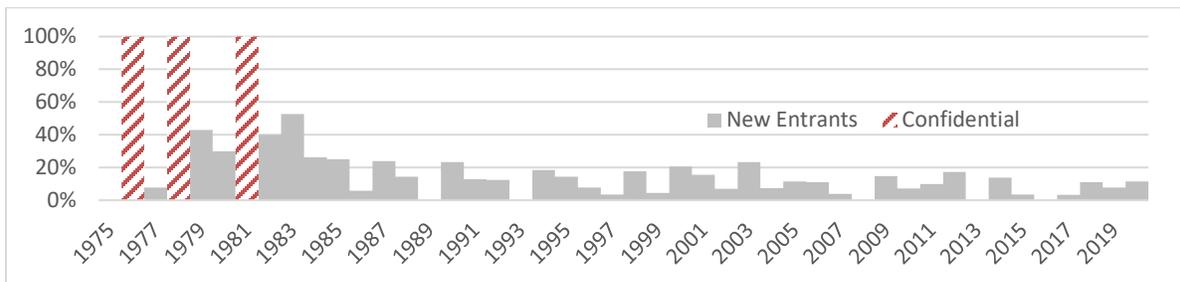
Table 36 and Figure 10 describe individuals rather than permits. An individual may hold up to two permits in this fishery, but can only fish one of them. An individual may hold one S04E permit one year, and then in subsequent years hold a different S04E permit. Likewise, individuals may enter and exit 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 36. New Entrants into the Prince William Sound Salmon Set Gillnet Fishery, 1975-2020**

Year	Individuals w/Landings	New	New Percent	Year	Individuals w/Landings	New	New Percent	Year	Individuals w/Landings	New	New Percent	Year	Individuals w/Landings	New	New Percent
1975	0	0	0.0%	1987	21	5	23.8%	1999	22	1	4.5%	2011	30	3	10%
1976	1-3	1-3	100.0%	1988	28	4	14.3%	2000	29	6	20.7%	2012	29	5	17.2%
1977	13	1	8%	1989	0	0	0%	2001	32	5	15.6%	2013	29	0	0.0%
1978	1-3	1-3	50.0%	1990	30	7	23.3%	2002	29	2	6.9%	2014	29	4	13.8%
1979	7	3	42.9%	1991	31	4	12.9%	2003	30	7	23.3%	2015	29	1	3.4%
1980	10	3	30.0%	1992	32	4	12.5%	2004	27	2	7.4%	2016	29	0	0%
1981	1-3	1-3	0%	1993	30	0	0%	2005	26	3	11.5%	2017	30	1	3.3%
1982	5	2	40.0%	1994	27	5	18.5%	2006	27	3	11.1%	2018	27	3	11.1%
1983	19	10	52.6%	1995	28	4	14.3%	2007	26	1	3.8%	2019	26	2	7.7%
1984	19	5	26%	1996	26	2	8%	2008	25	0	0%	2020	26	3	12%
1985	20	5	25.0%	1997	28	1	3.6%	2009	27	4	14.8%				
1986	17	1	5.9%	1998	17	3	17.6%	2010	28	2	7.1%				

- New Entrants excludes individuals with interim-entry and emergency transfer permits.
- When fewer than four permits make landings, counts are masked (\*\*) due to reasons of confidentiality.

**Figure 10. New Entrants into the Prince William Sound Salmon Set Gillnet Fishery, 1975-2020**



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

## Age of S04E Permit Holders

**Table 37. Median Age of Select CFEC Permit Holders and the General Alaskan Population**

Year	S04E	Combined PWS Salmon	Statewide Salmon Set Gillnet	Statewide All Permits	AK Median Age
1975	45.3	39.9	36.2	42.9	24.3
1976	45.5	38.3	36.4	41.3	24.7
1977	46.0	38.4	36.1	40.5	25.1
1978	40.9	38.2	35.7	40.1	25.4
1979	38.9	38.1	35.8	40.1	25.8
1980	39.7	38.5	35.8	39.6	26.0
1981	39.5	38.3	36.0	39.5	26.4
1982	41.8	38.0	36.0	39.5	26.8
1983	36.8	38.0	35.7	39.6	27.1
1984	36.1	38.6	35.8	39.9	27.3
1985	39.4	38.9	36.3	40.1	27.5
1986	39.7	39.1	36.7	40.1	27.8
1987	38.5	39.4	37.0	40.4	28.2
1988	35.5	40.0	37.3	40.6	28.6
1989	37.2	40.6	38.0	41.0	29.0
1990	38.2	40.8	38.3	41.4	29.3
1991	39.5	41.1	38.9	41.9	29.7
1992	40.1	42.5	39.3	42.4	30.1
1993	41.1	42.9	39.9	43.0	30.5
1994	42.5	43.7	40.4	43.5	30.8
1995	43.5	44.0	41.0	43.9	31.1
1996	44.5	44.5	41.7	44.5	31.5
1997	45.1	45.2	42.0	45.0	31.8
1998	45.2	45.9	42.6	45.6	32.1
1999	46.2	46.1	43.1	46.1	32.3
2000	46.3	45.9	43.4	46.6	32.4
2001	47.0	46.9	44.1	47.0	32.7
2002	47.6	47.6	44.8	47.7	33.0
2003	48.6	48.2	45.5	48.4	33.2
2004	49.6	49.0	45.9	48.8	33.4
2005	50.3	49.6	46.0	49.3	33.6
2006	51.5	50.2	46.3	49.7	33.8
2007	52.6	50.4	46.8	50.1	33.9
2008	50.9	50.5	46.8	50.5	33.9
2009	54.5	51.2	47.3	51.1	33.9
2010	52.5	50.9	47.7	51.4	33.8
2011	49.6	50.9	48.2	51.8	33.9
2012	49.7	51.2	48.8	52.1	34.1
2013	39.1	51.4	49.0	52.4	34.3
2014	39.2	51.2	49.2	52.7	34.3
2015	40.2	51.2	49.6	53.3	34.5
2016	41.2	51.2	50.0	53.8	34.7
2017	43.1	51.1	50.4	54.2	34.9
2018	43.2	51.4	50.4	54.7	35.2
2019	43.9	51.1	50.8	54.8	35.5
2020	44.1	50.2	51.1	55.1	35.7

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

Table 37 shows the annual median 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.

The median age of the general Alaskan population has increased 11.4 years between 1975 and 2020, which represents a 46.9% increase. The percent change in ages over the same period for all CFEC permit holders increased by 28.4% (12.2 years), 41.2% (14.9 years) for the statewide set gillnet permit holders, and 25.8% (10.3 years) for the combined Prince William Sound permit holders.

For S04E permit holders, the median age decreased 2.6% (-1.2 years).

## Participation and Earnings

Earnings are estimated from weighted average ex-vessel prices, and as noted earlier, largely stem from the ADF&G Commercial Operators Annual Report and fish ticket values. Earnings shown in Figure 11 are for both nominal and real dollars using the 2021 Consumer Price Index from the U.S. Bureau of Labor Statistics.

Permit counts include interim-entry permits and permanent permits. Interim-entry permits are issued to individuals during the period when their applications for permanent permits are in adjudication. The last year an interim-entry permit was held 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 38 reports the number of permits, permits with landings, and estimated gross earnings in the Prince William Sound salmon set gillnet fishery from 1975 to 2021. 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 39 reports the number of permit holders (people) and estimated real (inflation adjusted) gross earnings by each resident type. Where fewer than four individuals made landings, earnings are masked for that group and at least one other due to reasons of confidentiality.

Table 40 breaks out participation and real earnings by ADF&G salmon district. Note that some permits are used to record landings in more than one district.

**Figure 11. Estimated Nominal and Real Average Gross Earnings Per Prince William Sound Salmon Set Gillnet Permit**



- Real earnings are adjusted for inflation using the 2021 U.S. Bureau of Labor Statistics Consumer Price Index.

**Table 38. Estimated Total Gross Earnings (Real and Nominal) for the Prince William Sound Salmon Set Gillnet Fishery, With Average Gross Earnings (Real) by Permit, 1975-2020**

Year	Viable Permits	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	\$648,716	14	\$46,337
1978	28	**	**	1-3	**
1979	30	\$88,898	\$326,115	7	\$46,588
1980	30	\$54,760	\$176,913	11	\$16,083
1981	31	**	**	1-3	**
1982	30	\$23,195	\$63,993	5	\$12,799
1983	30	\$150,309	\$401,784	17	\$23,634
1984	30	\$430,644	\$1,103,670	19	\$58,088
1985	30	\$71,439	\$176,817	20	\$8,841
1986	30	\$51,502	\$125,098	17	\$7,359
1987	30	\$372,486	\$872,777	21	\$41,561
1988	30	\$1,835,877	\$4,133,130	28	\$147,612
1989	30	\$0	\$0	0	\$0
1990	30	\$1,217,979	\$2,481,819	29	\$85,580
1991	30	\$1,738,039	\$3,397,633	29	\$117,160
1992	30	\$2,210,370	\$4,193,947	30	\$139,798
1993	30	\$902,332	\$1,662,995	30	\$55,433
1994	30	\$857,692	\$1,540,555	26	\$59,252
1995	30	\$330,874	\$578,086	27	\$21,411
1996	30	\$1,099,263	\$1,865,884	26	\$71,765
1997	30	\$1,282,756	\$2,127,607	27	\$78,800
1998	30	\$271,304	\$443,111	17	\$26,065
1999	30	\$876,414	\$1,400,770	22	\$63,671
2000	30	\$1,008,002	\$1,558,460	29	\$53,740
2001	30	\$1,341,957	\$2,017,759	30	\$67,259
2002	30	\$1,726,484	\$2,555,401	28	\$91,264
2003	30	\$1,305,689	\$1,889,677	28	\$67,488
2004	30	\$499,698	\$704,338	27	\$26,087
2005	30	\$540,779	\$737,230	26	\$28,355
2006	29	\$849,458	\$1,121,855	26	\$43,148
2007	30	\$1,365,898	\$1,753,870	25	\$70,155
2008	29	\$1,498,602	\$1,853,124	25	\$74,125
2009	29	\$1,704,971	\$2,115,837	27	\$78,364
2010	29	\$4,085,598	\$4,988,338	28	\$178,155
2011	29	\$3,215,004	\$3,805,254	29	\$131,216
2012	29	\$3,541,396	\$4,106,591	29	\$141,607
2013	29	\$2,751,729	\$3,144,829	28	\$112,315
2014	29	\$3,094,233	\$3,479,811	29	\$119,993
2015	29	\$2,038,046	\$2,289,295	29	\$78,941
2016	29	\$1,921,953	\$2,131,994	29	\$73,517
2017	29	\$1,831,722	\$1,989,522	29	\$68,604
2018	29	\$1,956,120	\$2,073,978	26	\$79,768
2019	28	\$2,665,334	\$2,775,623	26	\$106,755
2020	28	\$945,770	\$972,904	26	\$37,419

- Adjusted for inflation to 2021 dollars using U.S. Bureau of Labor Statistics Consumer Price Index.
- Counts will differ from CFEC on-line Basic Information Tables where the on-line data does not account for the combination of interim-entry permits that were issued as permanent permits in the same year.
- 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 that occurred that year.

**Table 39. Estimated Real Gross Earnings for Permit Holders in the Prince William Sound Salmon Set Gillnet Fishery by Resident Type, 1975-2020**

Year	Local Gross Earnings			Nonlocal Gross Earnings			Nonresident Gross Earnings			Total Gross Earnings		
	People	Average	Total	People	Average	Total	People	Average	Total	People	Average	Total
1975	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	56711	\$396,979	1-3	**	**	5	**	**	14	\$46,337	\$648,716
1978	1-3	**	**	0	0	0	0	0	0	1-3	**	**
1979	**	**	**	0	0	0	1-3	**	**	7	\$46,588	\$326,115
1980	6	14283	\$85,700	1-3	**	**	1-3	**	**	11	\$16,083	\$176,913
1981	1-3	**	**	1-3	**	**	1-3	**	**	1-3	**	**
1982	**	**	**	1-3	**	**	0	0	0	5	\$12,799	\$63,993
1983	11	20270	\$222,966	6	**	**	1-3	**	**	19	\$21,147	\$401,784
1984	10	53194	\$531,941	8	**	**	1-3	**	**	19	\$58,088	\$1,103,670
1985	**	**	**	11	10255	112805	1-3	**	**	20	\$8,841	\$176,817
1986	**	**	**	12	8480	101762	1-3	**	**	17	\$7,359	\$125,098
1987	**	**	**	12	53969	647628	1-3	**	**	21	\$41,561	\$872,777
1988	12	127400	\$1,528,803	12	158916	\$1,906,987	4	174335	\$697,340	28	\$147,612	\$4,133,130
1989	0	0	\$0	0	0	\$0	0	0	\$0	0	\$0	\$0
1990	**	**	**	14	88772	1242810	1-3	**	**	30	\$82,727	\$2,481,819
1991	11	72461	\$797,076	15	141699	\$2,125,489	5	95014	\$475,068	31	\$109,601	\$3,397,633
1992	13	117427	\$1,526,557	15	137940	\$2,069,093	4	149574	\$598,297	32	\$131,061	\$4,193,947
1993	12	45538	\$546,458	14	64693	\$905,698	4	52710	\$210,839	30	\$55,433	\$1,662,995
1994	**	**	**	15	71415	1071220	1-3	**	**	27	\$57,058	\$1,540,555
1995	**	**	**	15	24625	369382	1-3	**	**	28	\$20,646	\$578,086
1996	8	47507	\$380,058	14	85700	\$1,199,803	4	71506	\$286,023	26	\$71,765	\$1,865,884
1997	9	51643	\$464,791	15	89065	\$1,335,982	4	81708	\$326,833	28	\$75,986	\$2,127,607
1998	4	24722	\$98,887	13	26479	\$344,225	0	0	\$0	17	\$26,065	\$443,111
1999	**	**	**	13	64383	836982	1-3	**	**	22	\$63,671	\$1,400,770
2000	9	54438	\$489,943	15	53453	\$801,799	5	53344	\$266,718	29	\$53,740	\$1,558,460
2001	6	88190	\$529,140	20	54304	\$1,086,073	6	67091	\$402,546	32	\$63,055	\$2,017,759
2002	5	110981	\$554,904	18	87393	\$1,573,077	6	71237	\$427,419	29	\$88,117	\$2,555,401
2003	7	75471	\$528,295	17	60777	\$1,033,215	6	54694	\$328,167	30	\$62,989	\$1,889,677
2004	7	38921	\$272,444	15	21266	\$318,996	5	22580	\$112,898	27	\$26,087	\$704,338
2005	5	30444	\$152,219	16	24990	\$399,835	5	37035	\$185,176	26	\$28,355	\$737,230
2006	7	38731	\$271,115	15	37821	\$567,314	5	56685	\$283,426	27	\$41,550	\$1,121,855
2007	7	67627	\$473,392	14	63319	\$886,470	5	78802	\$394,008	26	\$67,457	\$1,753,870
2008	7	96209	\$673,460	14	70895	\$992,533	4	46783	\$187,131	25	\$74,125	\$1,853,124
2009	**	**	**	17	59835	1017198	1-3	**	**	27	\$78,364	\$2,115,837
2010	7	243243	\$1,702,701	16	165768	\$2,652,294	5	126669	\$633,343	28	\$178,155	\$4,988,338
2011	5	241866	\$1,209,331	21	101183	\$2,124,834	4	117772	\$471,090	30	\$126,842	\$3,805,254
2012	6	167179	\$1,003,072	19	139202	\$2,644,841	4	114670	\$458,678	29	\$141,607	\$4,106,591
2013	7	142534	\$997,739	18	99169	\$1,785,044	4	90512	\$362,046	29	\$108,442	\$3,144,829
2014	6	98678	\$592,066	17	129070	\$2,194,187	6	115593	\$693,559	29	\$119,993	\$3,479,811
2015	4	63447	\$253,788	17	86216	\$1,465,675	8	71229	\$569,833	29	\$78,941	\$2,289,295
2016	4	66416	\$265,664	17	77110	\$1,310,873	8	69432	\$555,456	29	\$73,517	\$2,131,994
2017	4	52524	\$210,097	17	74056	\$1,258,954	9	57830	\$520,471	30	\$66,317	\$1,989,522
2018	4	53061	\$212,245	14	78998	\$1,105,971	9	83974	\$755,762	27	\$76,814	\$2,073,978
2019	5	85375	\$426,877	13	115326	\$1,499,234	8	106189	\$849,513	26	\$106,755	\$2,775,623
2020	7	29501	\$206,504	12	44539	\$534,465	7	33133	\$231,934	26	\$37,419	\$972,904

Adjusted for inflation to 2021 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 (\*\*) due to reasons of confidentiality.
- The 1989 fishing season was cut short due to the Exxon Valdez oil spill that occurred that year.

## 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 40. Initial Permit Issuance in Multiple Prince William Sound Salmon Fisheries**

Permit Type	One		Two		Three		Total
	n	%	n	%	n	%	
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	50.0%	7	23.3%	30
Total	353	59.8%	230	39.0%	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 41. Participation in Multiple Prince William Sound Salmon Fisheries**

Year	Purse Seine		Drift Gillnet		Set Gillnet		Year	Purse Seine		Drift Gillnet		Set Gillnet	
	1 only	2+	1 only	2+	1 only	2+		1 only	2+	1 only	2+	1 only	2+
1975	40	180	262	180	0	0	1998	91	58	474	59	**	1 to 3
1976	71	191	307	191	**	1 to 3	1999	83	56	478	57	**	1 to 3
1977	52	181	319	189	5	9	2000	78	54	480	57	25	4
1978	49	154	374	154	**	1 to 3	2001	92	55	470	57	**	1 to 3
1979	87	160	355	163	1 to 3	**	2002	78	43	482	47	25	4
1980	127	114	282	115	7	4	2003	68	37	478	41	24	6
1981	133	138	354	137	1 to 3	1 to 3	2004	69	36	480	40	23	4
1982	122	138	405	139	**	1 to 3	2005	64	37	472	42	21	5
1983	133	135	406	137	**	1 to 3	2006	72	39	459	44	22	5
1984	127	137	402	140	**	1 to 3	2007	82	40	466	43	**	1 to 3
1985	158	111	447	112	**	1 to 3	2008	103	41	474	44	**	1 to 3
1986	153	98	449	98	17	0	2009	99	55	480	59	23	4
1987	158	105	425	105	21	0	2010	120	57	487	61	24	4
1988	166	92	447	95	**	1 to 3	2011	136	49	482	52	**	1 to 3
1989	172	75	427	75	0	0	2012	171	55	487	58	**	1 to 3
1990	191	87	455	88	**	1 to 3	2013	161	52	485	55	**	1 to 3
1991	168	87	440	87	31	0	2014	179	49	493	50	**	1 to 3
1992	124	85	451	86	**	1 to 3	2015	169	52	476	54	**	1 to 3
1993	94	52	470	53	**	1 to 3	2016	158	54	479	55	**	1 to 3
1994	99	73	449	73	27	0	2017	178	54	460	55	**	1 to 3
1995	116	73	459	74	**	1 to 3	2018	188	49	467	50	**	1 to 3
1996	56	34	487	34	26	0	2019	192	52	463	54	**	1 to 3
1997	70	45	487	47	**	1 to 3	2020	175	49	442	52	**	1 to 3

- \*\* counts are masked for confidentiality.