

EXECUTIVE SUMMARY

CHANGES IN THE DISTRIBUTION OF ALASKA'S COMMERCIAL FISHERIES ENTRY PERMITS, 1975 to 2017

CFEC Report Number 18-02N-EXEC

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

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

Commercial Fisheries Entry Commission (CFEC)
Research Section
8800 Glacier Highway, Suite 109
P.O. Box 110302
Juneau, Alaska 99811-0302
(907) 789-6160 *phone*
(907) 789-6170 *fax*
DFG.CFEC.Research@alaska.gov

Abstract

This report provides detailed information on changes in the distribution of permanent entry permits in Alaska's limited fisheries. From 1975 through 2017, 79 permit types have been issued in 65 fisheries. The report provides both statewide and fishery-specific data on the number of permit transfers, the geographic distribution of permit holders, changes due to permit transfers, changes due to the relocation of permit holders and the year-end 2017 geographic distribution of permit holders.

The report also includes extensive information on the age of permit holders, age differences between permit transferors and permit transfer recipients, the incidence of intra-family and business partner permit transfers, permit transfer acquisition methods, and the financing of permit purchases. The information contained in the report is derived from the Commercial Fisheries Entry Commission's permit and transfer survey files.

The report is published as two separate documents: an executive summary and the principal report, which is primarily a reference document.

List of Preparers

Marcus Gho
Craig Farrington

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Introduction

In 1972, voters amended Alaska's constitution to allow limited entry into the state's commercial fisheries. Following this amendment, in 1973 the Alaska State Legislature enacted Alaska's **Limited Entry Act** (AS 16.43), creating the state's limited entry program and giving the Commercial Fisheries Entry Commission (CFEC) the responsibility for administering the program.

Limited entry was implemented in 19 of the state's salmon fisheries in 1974. By the end of 2017, limited entry permits had been issued in a total of 65 commercial fisheries: 26 salmon fisheries, 19 herring fisheries, 9 crab fisheries, 5 sablefish fisheries, 3 shrimp fisheries, and 3 dive fisheries. In some limited fisheries, more than one type of permit was issued to help contain increases in fishing power. Some permits constrain the amount of gear that can be used, while others constrain the length of the vessel. To date, a total of 79 permit types have been issued in the 65 limited fisheries.¹

A legal prerequisite of the Limited Entry Act was that permits could not be locked in the hands of those who were originally issued them (i.e., the 'initial issuees'). After much study and debate, the legislature chose free transferability as the means to allow permit holders to enter and exit the fisheries.

Free transferability allows the transfer of permits from parents to their children and allows family members to inherit a permit upon the death of a permit holder. It facilitates the sale of permits on the open market, and allows fishermen to enter and exit fisheries at times opportune to them. It eliminates the need for an expensive and time-consuming bureaucratic process to handle permit reallocation. Many other transfer options were considered but were found lacking with respect to these criteria.

In 1983, the Alaska State Supreme Court decided *State of Alaska v. Ostrosky*, which challenged the constitutionality of the Limited Entry Act, particularly the free transferability provisions. The court upheld the constitutionality of both the Act and of free transferability, and also affirmed the legislative objectives in adopting the transferability option. The decision was subsequently allowed to stand by the United States Supreme Court when it dismissed the Ostrosky appeal in *Ostrosky v. State*.

Despite the benefits of free transferability, many people remain concerned that permit transfers might result in undesirable consequences with regard to the distribution of permits. There is a concern that permits will leave the state, or that permits will disappear from isolated fishing communities which are local to a limited fishery, thereby eroding their economic base. Partly to address these concerns about free transferability, CFEC has produced this updated report so that the legislature, the administration, and other interested parties will be kept accurately apprised of the facts.

This edition of *Changes in the Distribution of Alaska's Commercial Fisheries Entry Permits* has been published as two separate documents. The executive summary provides tables that address the most common questions about limited entry permits. It includes information on permit holdings, and how holdings are affected by permit transfers and by the migration (relocation) of permit holders. There is also summary information from the results of permit transfer surveys. The main report is primarily a reference document and includes more detailed fishery-specific and time-series tables on the topics addressed in the executive summary. The main report also contains sections on rural permit holders, and on permit holders who live locally to the fisheries where they hold permits.

Transfer Incidence

CFEC issues both transferable and non-transferable permits in the state's limited fisheries. The transferability status of a permit is determined when the permit is issued.

The Limited Entry Act requires CFEC to initially allocate permits using hardship ranking systems, often called 'point systems', which rank individuals based upon the relative hardship they would suffer if they were denied a permit. The Act also requires CFEC to determine levels within the point systems where persons would experience only minor economic hardship if excluded from the fishery. Persons who receive permanent permits and who are ranked at or below the minor economic hardship level receive non-transferable permits.

- ❖ From 1975 through 2017, 16,598 permanent limited entry permits were issued in 79 permit types:
 - 14,220 permits were fully transferable;² and
 - 2,378 were non-transferable.

Some permits for a fishery may be initially issued several years after the main body of permits has been issued. This is because some applicants are difficult to classify under a hardship ranking system, and a final determination of their standing may come only after an extensive hearing and adjudication process. In other cases, permits have been issued at a later date as the result of lawsuits brought against CFEC.

Types of Permanent Permits the CFEC Issues:

Transferable:

Permanent limited entry permits that can be freely transferred.

Non-transferable:

Permanent limited entry permits that remain with the initial issuee only. These permits cannot be transferred.

Permit Transfers

Over the entire time period of limited entry (1975 – 2017):

- ❖ A total of 14,220 permanent transferable permits have been issued.
- ❖ There have been 43,353 permanent permit transfers.
- ❖ Initial issues transferred 12,367 permits, indicating that 87.0% ($12,367 / 14,220$) of all transferable permits have changed hands at least once.
- ❖ Transfers per number of transferable permits have averaged 8.3% (43,353 total transfers / 524,410 sum of all annual transferable permits).

Transfer Rates

Two types of annual transfer rates are shown in Table 1:

1. **Rate of Transfers From Initial Issuees to Transferable Permits** - This rate is calculated by dividing the sum of permits transferred for the first time by the total number of transferable permits. Permits transferred for the first time are those that are transferred by the initial issuees.

Over time, the rate of transfers from initial issuees to transferable permits would decline if no new permits were issued. This would happen because each year there would be fewer permits held by initial issuees. As expected,

the rate declined, from 8.4% in 1975 to 0.5% in 2017. Over the entire period of limited entry (1975 – 2017) the average annual rate of transfers from initial issuees is 2.4%.

2. **Rate of Transfers to Transferable Permits** - This rate is calculated by dividing the sum of all transfers by the sum of all available permanent transferable permits.³

The **rate of transfers to transferable permits** provides a measure of the annual turnover rate for transferable permits. This turnover rate has varied from a low of 5.8% in 2002 to a high of 13.3% in 1978. Over the entire time period of limited entry (1975 – 2017) the turnover rate averaged 8.3%.

Figure 1 graphically displays the number of permanent transferable permits and the annual number of transfers. The widest gap between the number of transferable permits and the number of transfers appears in 1978, the year with the highest rate of transfers to transferable permits.

Figure 1. Transferable Permits and Number of Transfers per Year, 1975 – 2017

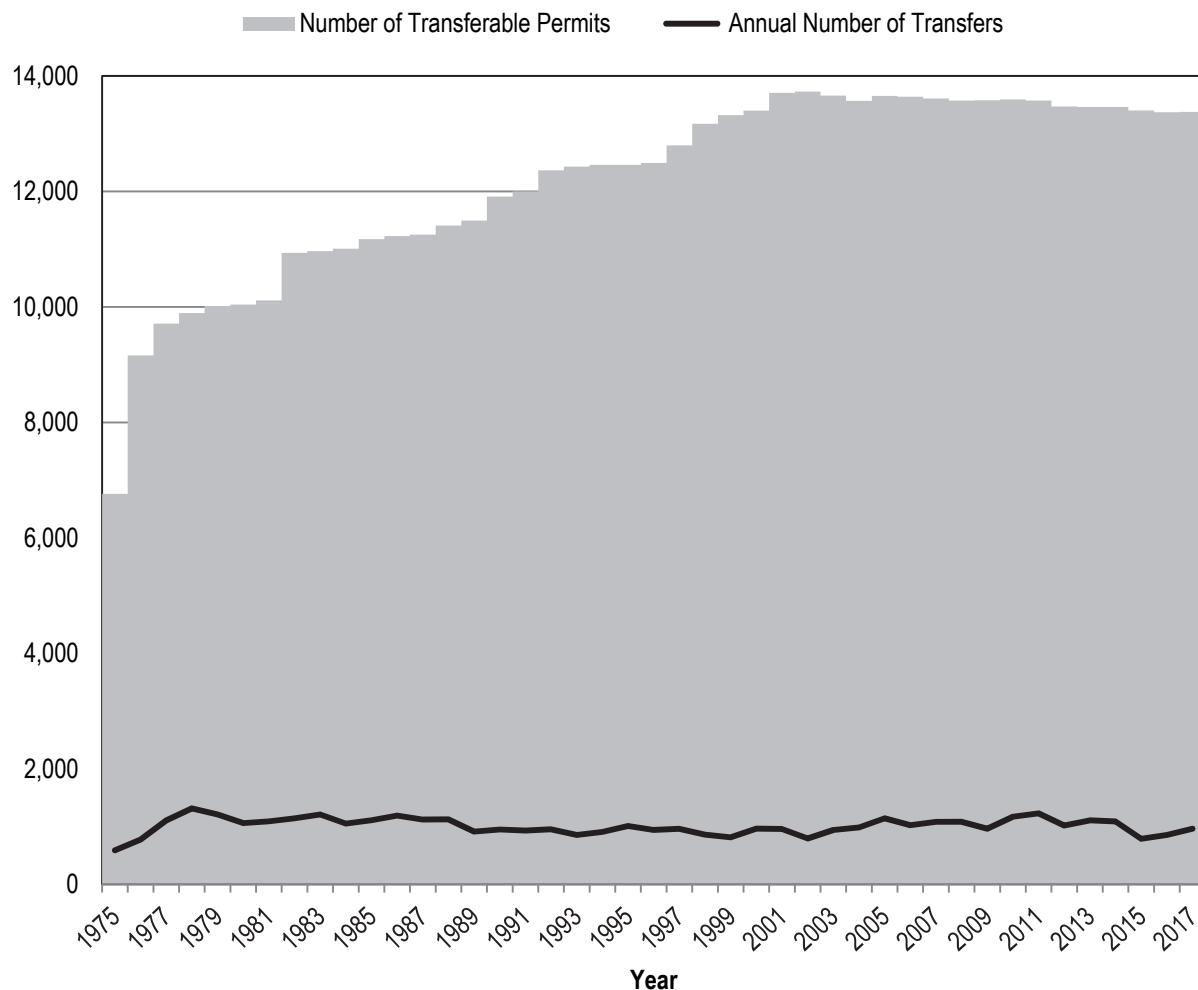


Table 1: Summary of Transfer Data on Permanent Permits by Year

Year	Permit Types	Number of Permanent Permits	Number of Transferable Permits	Annual Number of Transfers From Initial Issuees	Ratio of Transfers From Initial Issuees to Transferable Permits	Total Annual Number of Transfers	Ratio of Transfers to Transferable Permits
1975	19	6,762	6,762	568	8.4%	590	8.7%
1976	25	9,173	9,160	650	7.1%	776	8.5%
1977	28	9,772	9,710	780	8.0%	1,108	11.4%
1978	29	9,975	9,895	777	7.9%	1,314	13.3%
1979	29	10,104	10,016	557	5.6%	1,209	12.1%
1980	29	10,132	10,040	522	5.2%	1,060	10.6%
1981	29	10,204	10,112	505	5.0%	1,092	10.8%
1982	31	11,030	10,936	553	5.1%	1,144	10.5%
1983	31	12,488	10,965	566	5.2%	1,211	11.0%
1984	33	12,531	11,009	414	3.8%	1,053	9.6%
1985	33	12,509	11,173	387	3.5%	1,111	9.9%
1986	33	12,517	11,226	402	3.6%	1,191	10.6%
1987	34	12,492	11,253	305	2.7%	1,120	10.0%
1988	37	12,584	11,409	345	3.0%	1,125	9.9%
1989	42	12,655	11,495	276	2.4%	914	8.0%
1990	48	13,027	11,911	270	2.3%	950	8.0%
1991	48	13,066	12,000	260	2.2%	929	7.7%
1992	50	13,419	12,366	206	1.7%	952	7.7%
1993	50	13,423	12,429	216	1.7%	854	6.9%
1994	50	13,404	12,460	217	1.7%	908	7.3%
1995	50	13,357	12,461	232	1.9%	1,010	8.1%
1996	50	13,347	12,492	228	1.8%	941	7.5%
1997	58	13,638	12,798	262	2.0%	961	7.5%
1998	65	14,074	13,171	186	1.4%	860	6.5%
1999	67	14,290	13,321	172	1.3%	814	6.1%
2000	70	14,335	13,400	179	1.3%	964	7.2%
2001	72	14,801	13,708	256	1.9%	958	7.0%
2002	76	14,800	13,730	163	1.2%	793	5.8%
2003	76	14,653	13,660	183	1.3%	942	6.9%
2004	78	14,487	13,569	149	1.1%	984	7.3%
2005	78	14,535	13,653	178	1.3%	1,142	8.4%
2006	78	14,532	13,640	163	1.2%	1,025	7.5%
2007	78	14,471	13,611	165	1.2%	1,082	7.9%
2008	78	14,388	13,573	173	1.3%	1,083	8.0%
2009	78	14,411	13,580	98	0.7%	962	7.1%
2010	78	14,412	13,594	165	1.2%	1,172	8.6%
2011	78	14,372	13,573	128	0.9%	1,228	9.0%
2012	78	14,243	13,472	102	0.8%	1,019	7.6%
2013	78	14,204	13,462	104	0.8%	1,108	8.2%
2014	78	14,179	13,463	110	0.8%	1,087	8.1%
2015	78	14,084	13,403	49	0.4%	788	5.9%
2016	78	14,012	13,372	73	0.5%	856	6.4%
2017	78	13,996	13,377	73	0.5%	963	7.2%
Total	78		12,367		2.4%	43,353	8.3%

- 2,906 permits have been cancelled. Except for 304 reinstated, all cancelled permits are excluded from the year of cancellation forward.
- By the end of 2017, 969 transferable permits have been cancelled.
- By the end of 2017, the net effects of transferable and nontransferable permits changing status through the CFEC adjudication process resulted in the addition of 133 transferable permits.
- The number of transfers includes 349 loan foreclosures by the Department of Commerce, Community, and Economic Development or by the Commercial Fishing and Agriculture Bank, along with 343 subsequent transfers of these permits.

Geographic Distribution of Permits: Changes Due to Transfers, Migrations, and Cancellations

Classification of Permits and Permit Holders

This report classifies permits based upon where the permit holders reside. Five resident type classifications are defined. Permit holders who reside in Alaska are classified into ‘rural’ or ‘urban’ and ‘local’ or ‘nonlocal’ groups. Nonresidents are classified into a single category. The resident types and their acronyms are listed below:

- ARL:** Alaska resident of a **Rural** community which is **Local** to the fishery for which the permit applies;
- ARN:** Alaska resident of a **Rural** community which is **Nonlocal** to the fishery for which the permit applies;
- AUL:** Alaska resident of an **Urban** community which is **Local** to the fishery for which the permit applies;⁴
- AUN:** Alaska resident of an **Urban** community which is **Nonlocal** to the fishery for which the permit applies;
- NR:** **Nonresident** of Alaska.

DCCED / CFAB: Signifies permits that have been foreclosed upon by the Alaska Department of Commerce, Community, and Economic Development (DCCED), or by the Commercial Fishing and Agriculture Bank (CFAB), and have yet to be transferred.

An example of this classification could be a permit holder who lives in Dillingham and who holds two limited entry permits. If one permit is for the Bristol Bay salmon drift gillnet fishery, it will be classified as a permit held by an Alaska Rural Local (ARL) because Dillingham is a rural community and is local to Bristol Bay. If the other permit is for the Cook Inlet herring purse seine fishery, then that permit will be classified as one held by an Alaska Rural Nonlocal (ARN) because Dillingham is rural, but not local to Cook Inlet.

Urban and rural designations are based upon information from Census 2010. Because editions of this report prior to 2012 used Census 2000 criteria, some changes have occurred in the rural/urban designations. In general, there are now more Alaska places designated as rural, and consequently more permits issued to persons classified as rural residents. For more detailed information concerning classification rules, please see Appendix A in the main document.

Changes in the Distribution of Permits

Table 2 provides summary information on the initial issuance and changes in permit holdings for the assigned resident types. Figure 2 graphically depicts the percentage of initial permit holdings by resident type. Figure 3 graphically depicts permit holdings at year-end 2017 by resident type.

Over the entire time period of limited entry (1975 – 2017):

- ❖ 16,598 permanent permits (transferable and non-transferable) were issued in Alaska’s limited fisheries.
 - 14,220 permanent transferable permits.
 - 2,378 permanent non-transferable permits.
- ❖ Alaska residents received 81.7% of the total permanent permits (13,554 Alaskan held permits/16,598 total permits issued).

- ❖ Alaska Rural Locals were initially issued 8,246 permits (49.7%).
- ❖ Alaska Urban Locals were initially issued 3,688 permits (22.2%).
- ❖ Nonresidents received 18.3% (3,044 nonresident held permits/16,598 total permits).

The number of permits held by each resident type can change for three reasons:

1. **Transfer:** permits can be transferred (either by gift, sale, or trade) to other resident types.
2. **Migration:** a permit holder can move from one location to another.
3. **Cancellation:** permanent permits can be cancelled, usually when a person who holds a non-transferable permit fails to renew the permit for two consecutive years or passes away. Other reasons for cancellation are discussed in more detail in the next section.

When the net effects of cancellation, transfers, and migrations are combined, Alaska residents held 10,749 permits at the end of 2017 (76.8% of the total). Nonresidents held 3,241 permits (23.2%).

Permit Cancellation

By the end of 2017, the total number of permits decreased to 13,996 due to the cancellation of 2,082 Alaskan permits and 520 nonresident permits. Note that at year-end 2017, 6 permits had been foreclosed upon by DCCED or CFAB and had yet to be transferred back to individuals.

Cancellation normally occurs on non-transferable permits when a permit holder dies or does not renew the permit. Most of the net cancelled permits have been in the salmon hand troll fishery 46.6% (1,212 cancelled salmon hand troll permits/2,602 total cancelled permits) where a large number of non-transferable entry permits were issued. In this report, the number of cancelled permits also includes permits that were administratively removed or reconsidered through CFEC's adjudication process.

Permit Buybacks

Some cancelled permits are voluntarily relinquished under the special circumstances of a buyback program. Generally, buyback programs are established to reduce effort in the fishery, to increase economic efficiency, and/or to conserve the fishery resource. There have been three federally-funded buyback programs of CFEC permits.

A buyback first occurred in 2003 when the National Park Service administered a program to buy and permanently retire 10 Southeast Alaska Dungeness crab permits. Nine permits were transferable (3 D9AA, 4 D9BA, and 2 D9CA), and one (D10A) was non-transferable. This buyback removed permits for persons who had substantial fishing history in the marine waters of Glacier Bay National Park. It was part of a larger effort to phase out commercial fishing in the park. Each of the permit holders contractually agreed to allow their permits to lapse by not renewing them.

The second buyback program occurred in 2008 when 35 permanent transferable Southeast Alaska salmon purse seine permits (S01A) were bought and retired under the Southeast Revitalization Association (SRA) fleet consolidation program. The buyback was administered by the SRA and the Alaska Sustainable Salmon Fund (under ADF&G) using federal grant funds from the Pacific Coastal Salmon Recovery Fund. The goals of the buyback were to reduce effort, promote economic efficiency, and increase flexibility in conservation and management of the fishery.

The third buyback program occurred in 2012 with another round of buybacks in the Southeast salmon purse seine fishery. This time, the buyback permanently retired 64 more permits. The buyback was again administered by the SRA, and was financed with a federal loan to be repaid by the remaining permit holders in the fishery.

Permit Migration

Decreases in the number of permits held by Alaska residents are countered by increases in the number of nonresident permits. Migrations, which refer to the relocation of permit holders, have changed the resident/nonresident balance to a greater degree than permit transfers. By the end of 2017, the net result of permit transfer activity had decreased the number of permits held by nonresidents by 431 permits, whereas permit holders moving into and out of Alaska resulted in a net increase of 1,148 nonresident permits (See Table 2 and Table 5).

Changes in permit distributions are counted in 'NET**' terms.**

A *net increase* in permits means that after accounting for all permit activity, the resident type gained permits.

A *net decrease* in permits means that after accounting for all permit activity, the resident type has fewer permits.

Table 2: Initial Issuance, Total Net Changes, and Year-end 2017 Permanent Limited Entry Permit Holdings by Resident Type

Residency	Total Initially Issued	% Issued	Transfer Change	%	Migration Change	%	Cancelled Change	%	Total Change	%	Total 2017 Year-end	% Year-end
Alaska Rural Local	8,246	49.7%	-181	-2.2%	-1,317	-16.0%	-976	-11.8%	-2,474	-30.0%	5,772	41.2%
Alaska Rural Nonlocal	751	4.5%	366	48.7%	-10	-1.3%	-141	-18.8%	215	28.6%	966	6.9%
Alaska Urban Local	3,688	22.2%	226	6.1%	-300	-8.1%	-780	-21.1%	-854	-23.2%	2,834	20.2%
Alaska Urban Nonlocal	869	5.2%	14	1.6%	479	55.1%	-185	-21.3%	308	35.4%	1,177	8.4%
Nonresident	3,044	18.3%	-431	-14.2%	1,148	37.7%	-520	-17.1%	197	6.5%	3,241	23.2%
DCCED / CFAB	0	0.0%	6	-	0	-	0	-	6	-	6	0.04%
Total	16,598	100%	0		0		-2,602		-2,602		13,996	100%

Figure 2. Percentage of Initial Permits by Resident Type

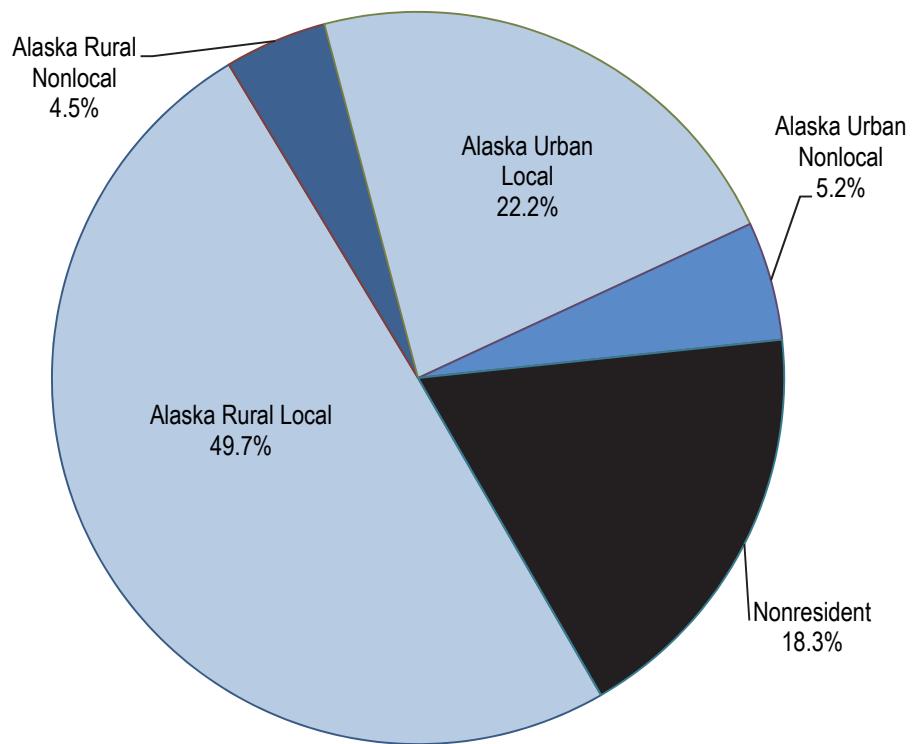
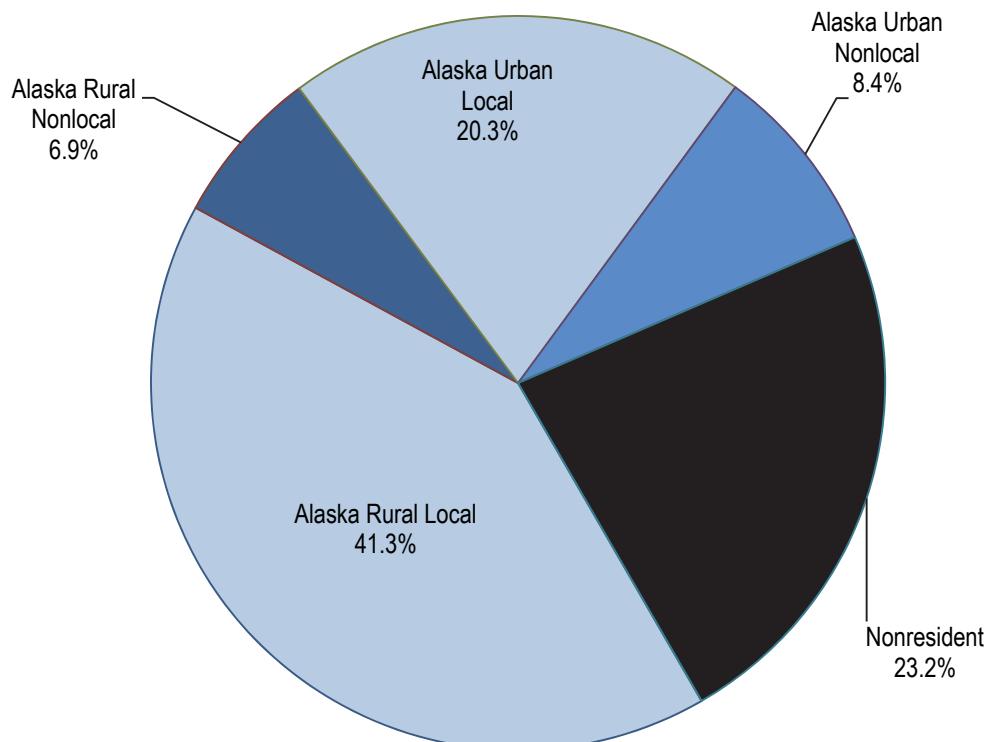


Figure 3. Percentage of 2017 Year-end Permit Holdings, by Resident Type



Note that 6 permits were held by DCED/CFAB at the end of 2017, which represents 0.04% of all permits.

Changes in Permit Distribution by Fishery

Tables 3 and 4 show permit distribution at initial issuance and at the end of 2017, for the 79 permit types where limited entry permits have been issued. Table 5 shows the net effects of transfer, migration, and cancellation for the same permit types. Table 6 also shows the net effects from transfers, migrations, and cancellations, but does so over all permit types annually for the five resident types.

Alaska Rural Local Highlights:

The overall decline of 2,474 permits held by Alaska Rural Locals (ARL) represents 30.0% (2,474 total net change/8,246 total initially issued) of all transferable and non-transferable permits originally issued to them. Although migration accounted for the majority of this net decrease (-1,317), Alaska Rural Locals also lost permits through transfer activity (-181) and cancellations (-976).

In the combined set and drift gillnet Bristol Bay salmon fisheries ARLs have a net loss of 435 permits due to transfer activity. Fisheries with a high net gain of permits to ARLs due to transfer activity include the salmon power troll fishery (129) and the Cook Inlet salmon drift gillnet fishery (86).

Nonresident Highlights:

Nonresidents have an overall net increase of 197 permits from the 3,044 permits initially issued to them. This represents a 6.5% increase. Permit holders moving into and out of Alaska brought about a net increase of 1,148 nonresident permits. Net increases in nonresident permits due to migration occurred in 55 separate permit types, especially in the salmon hand and power troll fisheries (249) and the combined salmon fisheries in Bristol Bay (245) and both the Kodiak salmon purse seine (65) and the Prince William Sound salmon drift gillnet (64).

There has been a net decrease of permits held by nonresidents as a result of transfer activity (-431). The fisheries where the net result of transfers led to large decreases of permits held by nonresidents include the salmon power troll fishery (-207), the Kodiak salmon purse seine fishery (-94), the Southeast salmon drift gillnet fishery (-77), the Cook Inlet salmon drift gillnet fishery (-75), and the Prince William Sound salmon drift gillnet fishery (-74). Alternatively, there were some fisheries in which there were large net increases in nonresident-held permits through transfers, most notably the combined set and drift gillnet Bristol Bay salmon fisheries (245), the Alaska Peninsula/Aleutian Island salmon purse seine fishery (19) and the Cook Inlet salmon set gillnet fishery (15).

Alaska Urban Local Highlights:

Alaska Urban Locals show a total net decrease of permits from initial issuance through 2017 (-854). Cancellation of permits accounted for the majority of the decline (-780). Most of the cancelled permits occurred in the salmon hand troll fishery (-553). Alaska Urban Local permit holders also have a net decrease of permits through migration (-300), but a net gain of 226 permits by transfer.

Alaska Urban Nonlocal Highlights:

Both transfers and migrations have contributed to an increase in permits held by Alaska Urban Nonlocals. Between 1975 and 2017, there was a cumulative net gain of 308 permits held by this resident group, which represents a 35.4% increase in the number of permits originally issued to them. Transfer and migration activity in the Bristol Bay salmon fisheries accounted for 119 of the total net gain in permits.

Alaska Rural Nonlocal Highlights:

Alaska Rural Nonlocals are the smallest resident group. They recorded an overall net gain of 215 permits, especially through migration in the Arctic/Yukon/Kuskokwim salmon fisheries, and through transfers mainly in the Bristol Bay salmon fisheries, the Prince William Sound salmon fisheries, the Alaska Peninsula/ Aleutian Islands salmon fisheries, and the Norton Sound herring gillnet fishery.

TABLE 3: Total Number of Initial Permit Holders by Permit Type and Resident Type

Permits First Issued in:	All Permits Issued to					All Transferable Permits Issued to					All Permits	
	Alaska Rural Local	Alaska Rural Nonlocal	Alaska Urban Local	Alaska Urban Nonlocal	Non- resident	Alaska Rural Local	Alaska Rural Nonlocal	Alaska Urban Local	Alaska Urban Nonlocal	Non- resident	Alaska Total	Grand Total
1975												
SE Salmon Seine	147	0	66	1	205	147	0	66	1	205	214	419
SE Salmon Drift Gillnet	172	1	143	4	155	172	1	143	4	155	320	475
Salmon Power Troll	321	5	354	11	281	321	5	354	11	281	691	972
Yakutat Salmon Setnet	129	3	0	22	18	129	3	0	22	18	154	172
PWS Salmon Seine	184	13	0	14	56	184	13	0	14	56	211	267
PWS Salmon Drift Gillnet	354	20	0	27	136	354	20	0	27	136	401	537
PWS Salmon Setnet	21	0	0	2	7	20	0	0	2	7	23	30
Cook Inlet Salmon Seine	76	0	7	1	1	76	0	7	1	1	84	85
Cook Inlet Salmon Drift	170	12	197	9	185	170	12	197	9	185	388	573
Cook Inlet Salmon Setnet	204	16	445	25	56	204	16	445	25	56	690	746
Kodiak Salmon Seine	77	26	165	10	106	77	26	165	10	106	278	384
Kodiak Salmon Beach Seine	13	2	18	1	2	12	1	17	1	1	34	36
Kodiak Salmon Setnet	44	3	79	11	51	44	3	79	11	51	137	188
Chignik Salmon Seine	32	12	0	28	19	32	12	0	28	19	72	91
Pen/Aleutian Salmon Seine	102	0	0	3	16	102	0	0	3	16	105	121
Pen/Aleutian Salmon Drift	99	1	0	13	49	99	1	0	13	49	113	162
Pen/Aleutian Salmon Setnet	98	0	0	9	9	98	0	0	9	9	107	116
Bristol Bay Salmon Drift	712	185	0	233	745	712	185	0	233	745	1,130	1,875
Bristol Bay Salmon Setnet	660	64	0	163	154	557	49	0	140	137	887	1,041
	3,615	363	1,474	587	2,251	3,510	347	1,473	564	2,233	6,039	8,290
1976												
Upper Yukon Salmon Gillnet	57	3	13	1	1	57	3	13	1	1	74	75
Upper Yukon Salmon Fish Wheel	141	4	17	2	1	141	4	17	2	1	164	165
Kuskokwim Salmon Gillnet	662	5	172	0	0	662	5	172	0	0	839	839
Kotzebue Salmon Gillnet	54	2	157	6	1	54	2	157	6	1	219	220
Lower Yukon Salmon Gillnet	672	27	0	12	1	672	27	0	12	1	711	712
Norton Sound Salmon Gillnet	178	1	23	2	0	178	1	23	2	0	204	204
	1,764	42	382	23	4	1,764	42	382	23	4	2,211	2,215
1977-78												
SE Roe Herring Seine	24	0	17	0	6	24	0	17	0	6	41	47
SE Herring Gillnet	44	0	39	1	27	44	0	39	1	27	84	111
PWS Roe Herring Seine	32	44	0	19	10	32	44	0	19	10	95	105
Cook Inlet Herring Seine	46	5	4	13	7	46	5	4	13	7	68	75
	146	49	60	33	50	146	49	60	33	50	288	338
1980-87												
Salmon Hand Troll	992	11	964	42	153	380	1	282	8	34	2,009	2,162
NSEI Sablefish Longline	14	2	32	2	22	14	2	32	2	22	50	72
SSEI Sablefish Longline	4	0	8	0	4	3	0	7	0	4	12	16
SSEI Sablefish Pots	1	0	1	0	1	1	0	1	0	0	2	3
SE Red, Blue King Crab Pot	3	0	2	0	2	3	0	2	0	2	5	7
SE Red,Blue,Brown King Crab Pot	4	0	1	0	2	3	0	1	0	1	5	7
SE Brown King Crab Pot	7	0	4	0	1	3	0	1	0	1	11	12
SE Red, Blue King/Tanner Pot	6	0	7	0	1	6	0	7	0	1	13	14
SE Brown King/Tanner Pot	2	0	1	0	3	2	0	0	0	2	3	6
SE All King/Tanner Pot	17	0	8	0	4	16	0	7	0	4	25	29
SE Tanner Crab Pot	10	1	7	1	10	8	1	7	1	5	19	29
PWS Roe Herring Gillnet	20	0	0	0	4	20	0	0	0	4	20	24
PWS Her Spawning on Kelp Pound	69	8	0	15	36	69	8	0	15	36	92	128
Kodiak Roe Herring Seine	11	11	43	3	17	9	5	36	1	6	68	85
Kodiak Roe Herring Gillnet	6	28	55	18	12	6	20	40	12	4	107	119
Kodiak Roe Her Seine/Gill	0	0	1	0	1	0	0	1	0	0	1	2
	1,166	61	1,134	81	273	543	37	424	39	126	2,442	2,715

TABLE 3: Total Number of Initial Permit Holders by Permit Type and Resident Type

Permits First Issued in:	All Permits Issued to					All Transferable Permits Issued to					All Permits	
	Alaska Rural Local	Alaska Rural Nonlocal	Alaska Urban Local	Alaska Urban Nonlocal	Non- resident	Alaska Rural Local	Alaska Rural Nonlocal	Alaska Urban Local	Alaska Urban Nonlocal	Non- resident	Alaska Total	Grand Total
1988-91												
Bristol Bay Her Spawn on Kelp	276	4	0	6	5	276	4	0	6	5	286	291
Norton Sound Her Beach Seine	0	4	0	1	4	0	4	0	1	4	5	9
Nelson Island Herring Gillnet	142	19	0	8	9	126	18	0	7	7	169	178
Nunivak Island Herring Gillnet	44	7	0	8	5	40	5	0	6	3	59	64
Lower Yukon Herring Gillnet	94	5	0	4	3	88	2	0	2	0	103	106
Norton Sound Herring Gillnet	154	38	6	41	71	154	38	6	41	71	239	310
	710	77	6	68	97	684	71	6	63	90	861	958
1997												
SE Dungeness Ring Net	6	0	2	0	0	0	0	0	0	0	8	8
SE Dungeness Dive	1	0	2	0	0	0	0	0	0	0	3	3
SE Dungeness 300 Pot	32	0	7	0	13	32	0	7	0	13	39	52
SE Dungeness 225 Pot	29	0	8	1	10	28	0	7	1	10	38	48
SE Dungeness 150 Pot	54	0	18	0	15	53	0	17	0	13	72	87
SE Dungeness 75 Pot	77	3	25	0	22	50	1	14	0	7	105	127
Cook Inlet Dungeness Ring Net	1	0	0	0	0	0	0	0	0	0	1	1
Cook Inlet Dungeness Pot	58	3	6	2	2	49	2	4	2	2	69	71
	258	6	68	3	62	212	3	49	3	45	335	397
1998												
NSE Her Spawn on Kelp Pound	32	1	58	4	17	32	1	58	4	17	95	112
SSE Her Spawn on Kelp Pound	146	0	48	1	14	114	0	28	1	10	195	209
SE Shrimp Otter Trawl	0	0	0	1	0	0	0	0	0	0	1	1
SE Shrimp Beam Trawl	25	0	3	0	5	18	0	3	0	3	28	33
SE Shrimp Pot	171	4	113	4	20	84	1	54	3	13	292	312
PWS Sablefish Net Gear	0	0	0	1	0	0	0	0	1	0	1	1
PWS Sablefish Fixed 90ft	1	0	0	1	0	1	0	0	1	0	2	2
PWS Sablefish Fixed 60ft	0	1	0	2	0	0	1	0	2	0	3	3
PWS Sablefish Fixed 50ft	6	9	0	19	6	6	9	0	19	6	34	40
PWS Sablefish Fixed 35ft	3	3	0	4	6	3	3	0	4	6	10	16
	384	18	222	37	68	258	15	143	35	55	661	729
1999-2002												
SE Urchin Dive	8	1	21	2	51	8	1	21	2	50	32	83
SE Geoduck Dive	22	0	31	3	56	7	0	8	1	34	56	112
SE Cucumber Dive	111	2	162	7	107	42	0	69	3	42	282	389
Goodnews Bay Her Gillnet	46	122	0	13	1	46	116	0	13	1	181	182
Kodiak Food/Bait Her Seine 60ft	1	0	4	0	0	1	0	4	0	0	5	5
Kodiak Food/Bait Her Trawl 75ft	0	0	0	0	1	0	0	0	0	1	0	1
Kodiak Food/Bait Her Trawl 70ft	0	0	1	0	0	0	0	1	0	0	1	1
Kodiak Food/Bait Her Trawl 60ft	0	0	0	0	2	0	0	0	0	2	0	2
	188	125	219	25	218	104	117	103	19	130	557	775
2004												
Kodiak Tanner Bairdi Pot 120ft	0	3	31	2	7	0	2	25	2	6	36	43
Kodiak Tanner Bairdi Pot 60ft	15	7	92	10	14	15	7	87	9	13	124	138
	15	10	123	12	21	15	9	112	11	19	160	181
Overall Total	8,246	751	3,688	869	3,044	7,236	690	2,752	790	2,752	13,554	16,598

TABLE 4: 2017 Year-end Distribution of Permit Holders by Permit Type and Resident Type

Permits First Issued in:	All Permits Held By						All Transferable Permits Held By						All Permits	
	Alaska Rural Local	Alaska Rural Nonlocal	Alaska Urban Local	Alaska Urban Nonlocal	Non-resident	DCCED /CFAB	Alaska Rural Local	Alaska Rural Nonlocal	Alaska Urban Local	Alaska Urban Nonlocal	Non-resident	DCCED /CFAB	Alaska Total	Grand Total
1988-91														
BBay Her Spawn on Kelp	219	8	0	21	11	2	219	8	0	21	11	2	250	261
Nort Sound Her Beach Seine	0	3	0	2	3	0	0	3	0	2	3	0	5	8
Nelson Island Herring Gillnet	101	9	0	12	4	0	88	8	0	10	2	0	122	126
Nunivak Island Her Gillnet	3	2	0	0	3	0	3	2	0	0	3	0	5	8
Lower Yukon Herring Gillnet	48	1	0	1	0	0	46	0	0	1	0	0	50	50
Norton Sound Her Gillnet	114	45	9	34	65	0	114	45	9	34	65	0	202	267
	485	68	9	70	86	2	470	66	9	68	84	2	634	720
1997														
SE Dungeness Ring Net	2	0	0	0	0	0	0	0	0	0	0	0	2	2
SE Dungeness Dive	0	0	1	1	0	0	0	0	0	0	0	0	2	2
SE Dungeness 300 Pot	32	1	10	0	5	1	32	1	10	0	5	1	44	49
SE Dungeness 225 Pot	26	0	9	0	8	0	26	0	9	0	8	0	35	43
SE Dungeness 150 Pot	60	1	8	1	13	0	58	1	7	1	13	0	70	83
SE Dungeness 75 Pot	48	1	32	4	11	0	34	0	23	3	11	0	85	96
Cook Inlet Dungness Pot	48	2	10	2	6	0	41	1	9	2	6	0	62	68
	216	5	70	8	43	1	191	3	58	6	43	1	300	343
1998														
NSE Her Spwn on Kelp Pnd	53	0	37	1	19	1	53	0	37	1	19	1	92	111
SSE Her Spwn on Kelp Pnd	100	0	39	0	24	1	95	0	31	0	21	1	140	164
SE Shrimp Otter Trawl	0	0	0	1	0	0	0	0	0	0	0	0	1	1
SE Shrimp Beam Trawl	17	0	4	0	5	0	14	0	4	0	5	0	21	26
SE Shrimp Pot	116	5	93	5	18	0	70	5	60	4	15	0	219	237
PWS Sablefish Net Gear	0	0	0	1	0	0	0	0	0	1	0	0	1	1
PWS Sablefish Fixed 90ft	1	0	0	1	0	0	1	0	0	1	0	0	2	2
PWS Sablefish Fixed 60ft	0	3	0	0	0	0	0	3	0	0	0	0	3	3
PWS Sablefish Fixed 50ft	10	8	0	16	3	0	10	8	0	16	3	0	34	37
PWS Sablefish Fixed 35ft	6	3	0	5	2	0	6	3	0	5	2	0	14	16
	303	19	173	30	71	2	249	19	132	28	65	2	527	598
1999-2002														
SE Urchin Dive	5	0	19	1	31	0	5	0	19	1	31	0	25	56
SE Geoduck Dive	16	0	37	2	28	0	7	0	22	1	19	0	55	83
SE Cucumber Dive	86	3	98	7	70	0	51	2	57	3	43	0	194	264
Goodnews Bay Her Gillnet	23	56	0	11	1	0	23	56	0	11	1	0	90	91
Kodiak Fd/Bt Her Seine 60ft	0	0	5	0	0	0	0	0	5	0	0	0	5	5
Kodiak Fd/Bt Her Trawl 75ft	0	0	0	0	1	0	0	0	0	0	1	0	0	1
Kodiak Fd/Bt Her Trawl 70ft	0	0	1	0	0	0	0	0	1	0	0	0	1	1
Kodiak Fd/Bt Her Trawl 60ft	0	0	0	0	2	0	0	0	0	0	2	0	0	2
	130	59	160	21	133	0	86	58	104	16	97	0	370	503
2004														
Kodiak Tnr Bairdi Pot 120ft	0	1	30	1	9	0	0	1	25	1	8	0	32	41
Kodiak Tnr Bairdi Pot 60ft	15	16	86	8	12	0	15	16	82	7	10	0	125	137
	15	17	116	9	21	0	15	17	107	8	18	0	157	178
Overall Total	5,772	966	2,834	1,177	3,241	6	5,494	947	2,624	1,147	3,159	6	10,755	13,996

- This table excludes 2,602 permits which were cancelled by CFEC and not reinstated, summed over the entire period.
- By 2017, the net effects of transferable and nontransferable permits changing status through the CFEC adjudication process resulted in the addition of 131 transferable permits.

Table 5: Net Changes in Permit Holdings Due to Transfers, Migrations, and Cancellations, by Permit and Resident Type, 1975-2016

Permits Issued in:	Alaska Rural Local			Alaska Rural Nonlocal			Alaska Urban Local			Alaska Urban Nonlocal			Nonresident			DCCED/CFAB
	Transfers	Migrations	Cancelled	Transfers	Migrations	Cancelled	Transfers	Migrations	Cancelled	Transfers	Migrations	Cancelled	Transfers	Migrations	Cancelled	
1988-91																
Bristol Bay Her Spawn on Kelp	1	-32	26	0	4	0	0	0	0	-1	19	3	-2	9	1	2
Norton Sound Her Beach Seine	0	0	0	0	-1	0	0	0	0	1	0	0	-1	1	1	0
Nelson Island Her Gillnet	13	-13	41	-6	0	4	0	0	0	-5	11	2	-2	2	5	0
Nunivak Island Her Gillnet	0	-5	36	0	-1	4	0	0	0	0	5	13	0	1	3	0
Lower Yukon Herring Gillnet	2	-3	45	-1	2	5	0	0	0	-1	1	3	0	0	3	0
Norton Sound Herring Gillnet	-19	-8	13	27	-17	3	2	1	0	-16	15	6	6	9	21	0
	-3	-61	161	20	-13	16	2	1	0	-22	51	27	1	22	34	2
1997																
SE Dungeness Ring Net	-	-	4	-	0	0	-	-	2	-	-	0	-	-	0	-
SE Dungeness Dive	-	-1	0	-	0	0	-	-1	0	-	1	0	-	1	1	-
SE Dungeness 300 Pot	4	-2	2	0	1	0	6	-3	0	1	-1	0	-12	5	1	1
SE Dungeness 225 Pot	4	-6	1	0	0	0	3	0	2	-2	1	0	-5	5	2	0
SE Dungeness 150 Pot	10	-2	2	0	1	0	-9	-1	0	-3	4	0	2	-2	2	0
SE Dungeness 75 Pot	-5	-15	9	-1	0	1	6	6	5	2	2	0	-2	7	16	0
Cook Inlet Dungeness Ring Net	-	-	1	-	-	0	-	-	0	-	-	0	-	-	0	-
Cook Inlet Dungeness Pot	-1	-6	3	0	-1	0	0	4	0	0	0	0	1	3	0	0
	12	-32	22	-1	1	1	6	5	9	-2	7	0	-16	19	22	1
1998																
NSE Her Spawn on Kelp Pound	29	-8	0	-1	0	0	-17	-3	1	-4	1	0	-8	10	0	1
SSE Her Spawn on Kelp Pound	5	-29	22	1	-1	0	-3	8	14	0	-1	0	-4	23	9	1
SE Shrimp Otter Trawl	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-
SE Shrimp Beam Trawl	-3	0	5	0	0	0	2	-1	0	1	-1	0	0	2	2	0
SE Shrimp Pot	-6	-18	31	3	-1	1	9	-7	22	-2	8	5	-4	18	16	0
PWS Sablefish Net Gear	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-
PWS Sablefish Fixed 90ft	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0
PWS Sablefish Fixed 60ft	0	-	0	2	-	0	0	-	0	-2	-	0	0	-	0	0
PWS Sablefish Fixed 50ft	6	-2	0	-2	2	1	0	0	0	3	-4	2	-7	4	0	0
PWS Sablefish Fixed 35ft	4	-1	0	-1	1	0	0	0	0	1	0	0	-4	0	0	0
	35	-58	58	2	1	2	-9	-3	37	-3	3	7	-27	57	27	2
1999-2002																
SE Urchin Dive	1	-4	0	-1	1	1	-5	7	4	-2	1	0	7	-5	22	0
SE Geoduck Dive	0	-2	4	0	0	0	9	9	12	0	0	1	-9	-7	12	0
SE Cucumber Dive	5	1	31	-1	3	1	-6	-15	43	0	6	6	2	5	44	0
Goodnews Bay Her Gillnet	-1	0	22	0	-12	54	0	0	0	1	10	13	0	2	2	0
Kodiak Food/Bait Her Seine/Gill	-1	-	0	0	-	0	1	-	0	0	-	0	0	-	0	0
Kodiak Food/Bait Her Trawl 75ft	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-
Kodiak Food/Bait Her Trawl 70ft	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-
Kodiak Food/Bait Her Trawl 60ft	-	-	0	-	-	0	-	-	0	-	-	0	-	-	0	-
	4	-5	57	-2	-8	56	-1	1	59	-1	17	20	0	-5	80	0
2004																
Kodiak Tanner Bairdi Pot 120ft	0	0	0	-2	1	1	2	-2	1	-1	0	0	1	1	0	0
Kodiak Tanner Bairdi Pot 60ft	-1	1	0	8	2	1	4	-10	0	-4	2	0	-7	5	0	0
	-1	1	0	6	3	2	6	-12	1	-5	2	0	-6	6	0	0
Net Shifts 1975-2017	-181	-1,317	976	366	-10	141	226	-300	780	14	479	185	-431	1,148	520	6

Age Patterns Among Permit Holders

Figure 4 compares the annual mean (average) ages of all persons who transferred permits (transferors), with all persons who received permits through transfers (recipients), and the combined total of all persons who hold transferable permits. The statewide mean age of all transferable permit holders decreased from 42.7 years in 1975 to 41.0 years in 1978 and remained at about that level through 1985. Since then, the mean age has increased slightly each year, and by the end of 2017 it had risen to 51.1 years. The increased mean age of transferable permit holders in recent years may be related to an increased mean age of transferors and transfer recipients. The average age of transfer recipients has generally increased from a low of 32.5 in 1976 to a high of 41.1 for both 2002 and 2003.^v

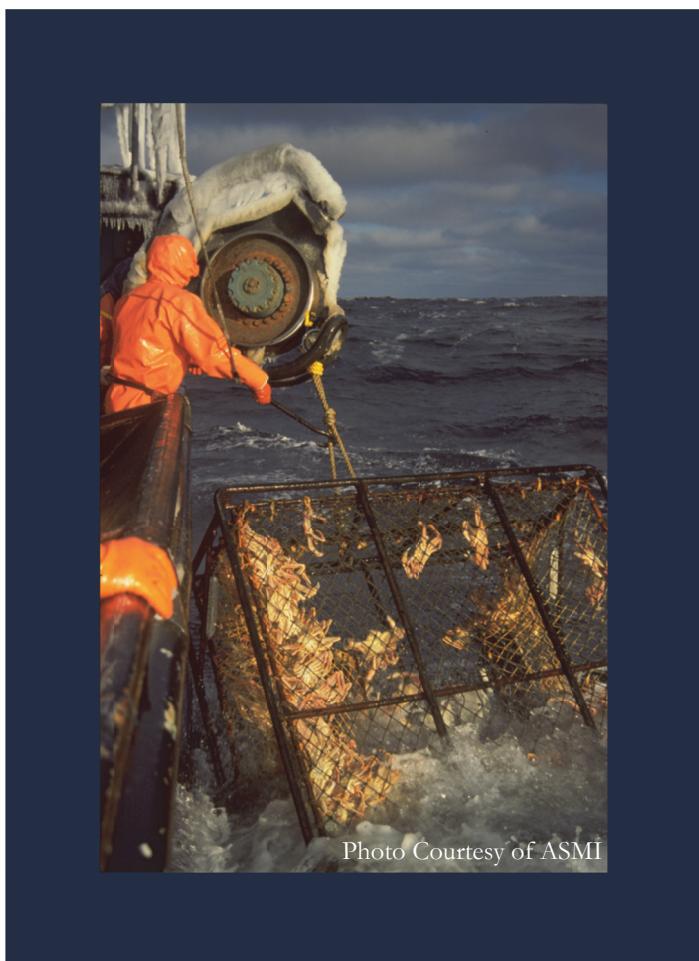


Photo Courtesy of ASMI

Transfer recipients tend to be younger than transferors, but the average age of each has risen over time. In 2017, the mean age of transfer recipients was 40.8 years, while the age of transferors averaged 49.4 years.

Figure 5 displays just the year-end 2017 permit holders in all limited entry fisheries by their age distribution. Permit holders are only counted once in calculating age groupings. This means that for Figure 5, if an individual holds two permits they are only counted once so as to not skew age category calculations.

Chapter 4 in the main document provides a detailed look into the mean age of permit holders, transferors and transfer recipients by fishery. While the mean age of all permit holders at year-end 2017 was 51.1 years, the mean age in individual permit fisheries at year-end 2017 varies from a high of 65.5 years in both the Cook Inlet Dungeness pot fishery and Norton Sound herring beach seine, to a low of 44.3 years in the Southeast sea cucumber diving gear fishery.

Figure 4. Mean Ages of Permit Holders with Transferable Limited Entry Permits: Transferors, Transfer Recipients, and All Permit Holders

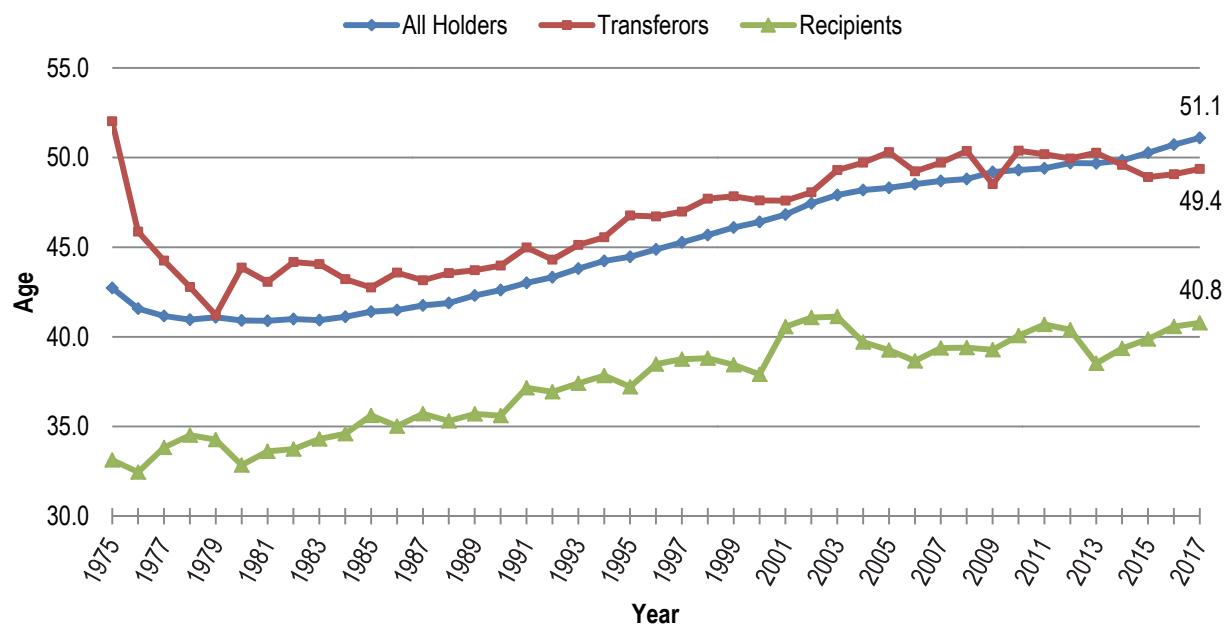
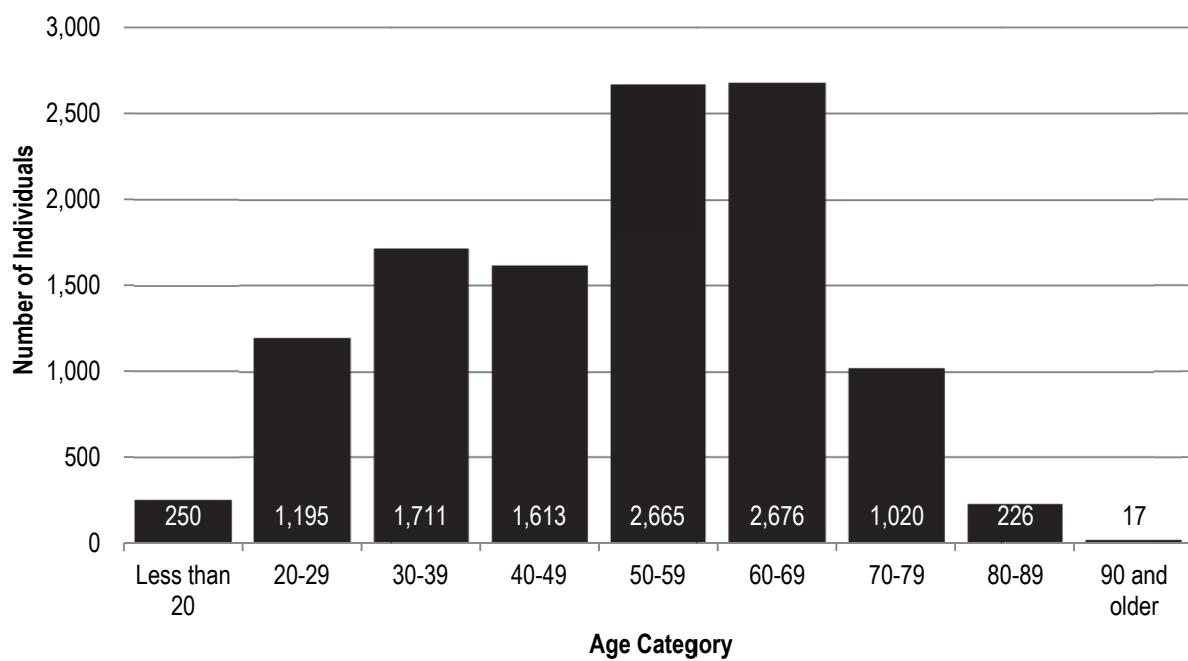


Figure 5. Age Distribution of 2017 Year-end Permit Holders



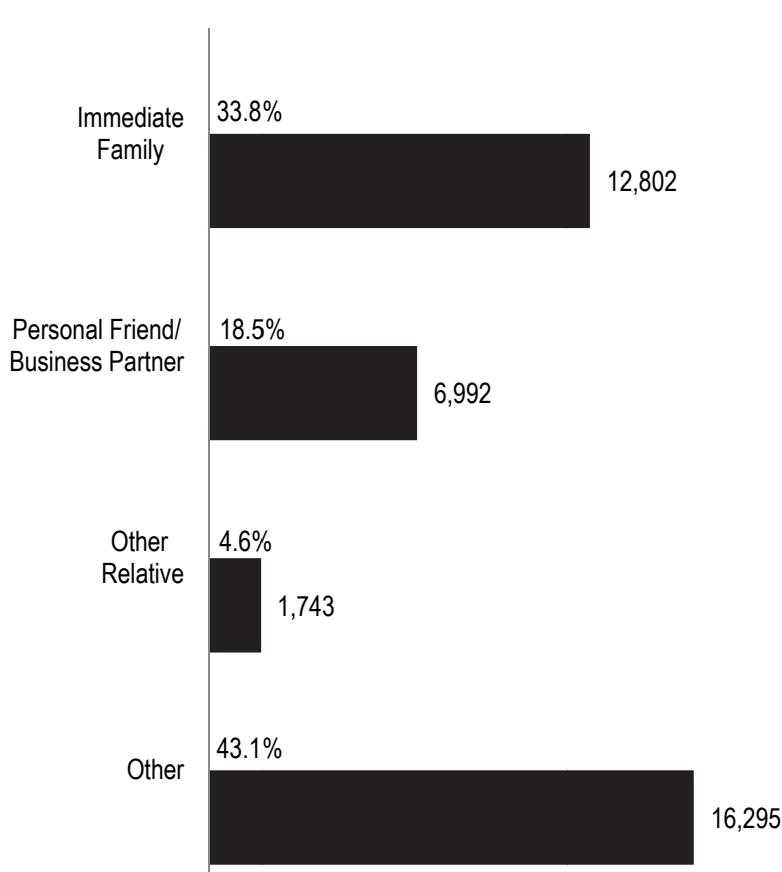
Transfer Survey Results

When limited entry permits are transferred, CFEC conducts a survey of the two parties involved in the transfer. The survey collects information on whether the transfer was a gift, sale, or trade, and information on the relationships between the parties.^{vi} If the permit is sold, the survey asks for the sale price and the type of financing used. This survey is the source of information for CFEC's estimates of permit values, which are used to make fishing loans by the DCCED and by CFAB. Survey results from 1980-2017 are presented in both this summary and in the main report.

Since 1980, it has been mandatory for the transfer recipient to complete the survey; however, this was not strictly enforced until 1981. There were 140 transfers in 1980 and 15 transfers in 1981 without completed surveys. In other years, there have been a small number of transfers with missing surveys, the majority of which are transfers to the two lending agencies on foreclosed permits. These missing surveys account for the slight differences between Table 1 and the tables in this section.

Figure 6. Relationship Between Permit Transferors and Transfer Recipients All Fisheries 1980 - 2017

- ❖ From 1980 - 2017 there have been 37,832 completed transfer surveys.
- ❖ Most permits are transferred between people who know one another (56.9%, the sum of the 'Immediate Family', 'Other Relative', and the 'Friend/Partner' relationship categories)
- ❖ The 'Other' relationship category has consistently been the largest category in transfer survey data.
- ❖ The averages presented have remained fairly constant throughout the 1980-2017 time period. The only significant variation occurred in 1983, when the 'Friend' relationship category was reworded to 'Personal Friend' which may be responsible for the decrease in the 'Friend' relationship category.



Relationships of Transfer Participants

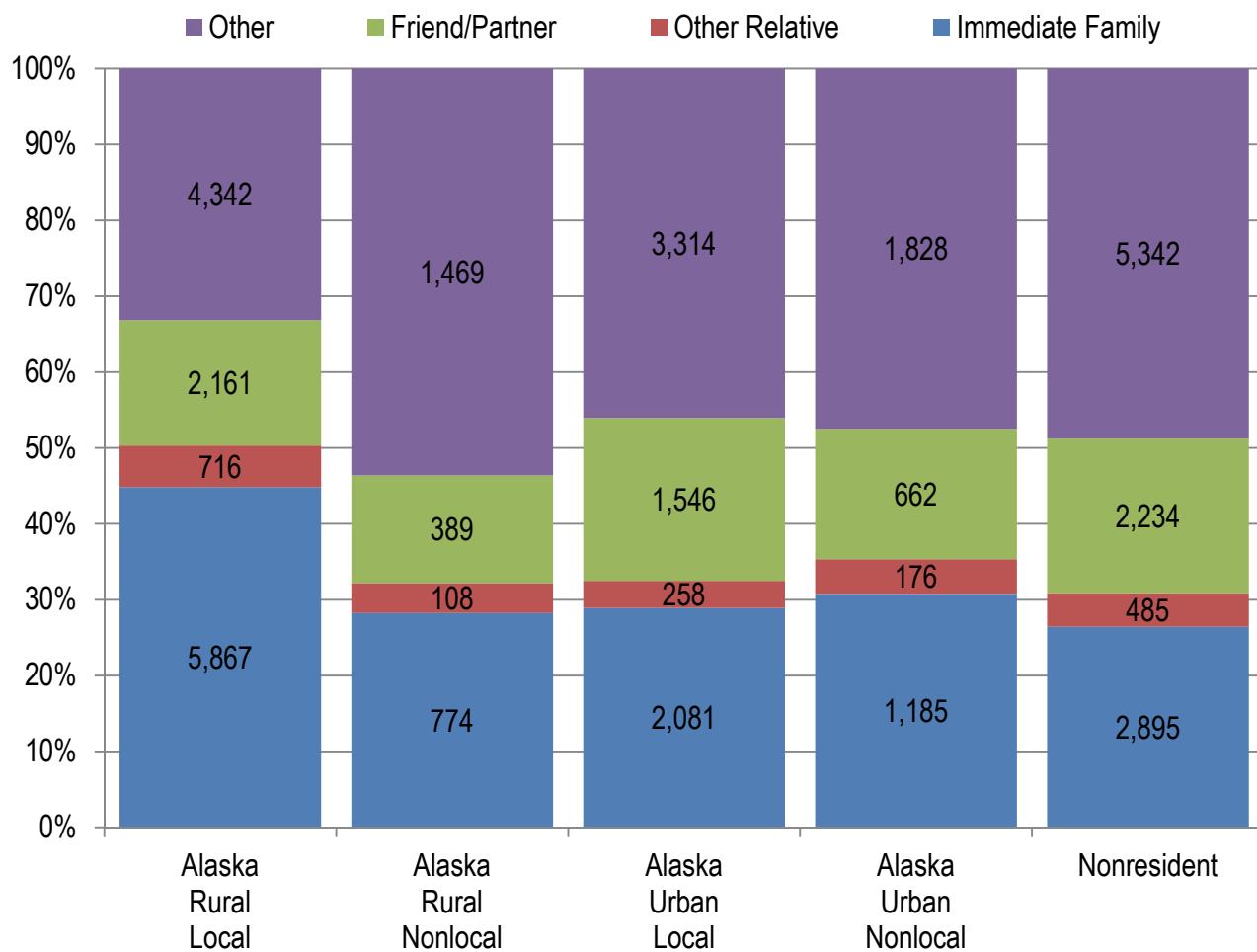
Most permits are transferred between people who know one another. Figure 6 shows that of the 37,832 transfer surveys received between 1980 and 2017, 38.4% indicated a transfer between immediate family members or other relatives, and 18.5% indicated a transfer between friends or business partners. Permit exchanges between people who appear to have no pre-existing relationship accounted for the remaining 43.1% of the transfers.

The percentage of transfers between friends and business partners decreased significantly in 1983. The rewording of the “Friend” category on the survey form to “Personal Friend” may be responsible for some of the decrease. It may also account for the relatively sharp increase in the number of transfers between persons in the “Other” category.

Relationships of Transfer Participants, by Residency

When transfers are organized by the resident type of the transfer recipient, considerable variation in relationship patterns is evident among resident types (Figure 7). A little over half of the transfers to Alaska Rural Locals, for all years combined, were from immediate family members and relatives (50.3%), compared to approximately one third in each of the other resident types. In the remaining resident types, the “Other” category predominated.

Figure 7. Relationship Between the Permit Transferor and the Transfer Recipient, by Resident Type



Permit Acquisition Method: Gift, Sale, Trade, and Other

Under the Limited Entry Act's terms of free transferability, permits may be sold, traded, given away, or inherited. During the 1980-2017 period, 58.8% of all transfers were sales, 36.5% were gifts, and 1.4% were trades (Table 7). The remaining transfers in the 'Other' category comprised 3.2% of the survey responses.

Chapter 5 in the main document provides a detailed look at permit acquisition. The acquisition methods have not changed substantially throughout the time period. Sale transactions have consistently accounted for over half of all transfers, with a low of 50.7% for both 2015 and 2016, and a high of 65.6% in 1986. The 'other' category has accounted for between 0.7% in 1985 and 10.2% in 1989. Trade transactions have been the smallest acquisition method and have accounted for between 0.1% in 2003 and 2.8% in 1980.

The incidence of gift transactions has accounted for roughly 30-45% of all transfers since 1980. Because gifts accounted for only 21.5% of all transfer survey responses in the 1975-1979 period,^{vii} it has been suggested that the greater percentage of these since 1980 may be a result of efforts to enforce the Limited Entry Act's prohibitions against leasing permits. Therefore, some of the 'Gift' responses may actually represent lease arrangements, or carry reciprocal expectations. Table 8 presents fisheries in which gift transfers predominate.

Table 7. Permit Acquisition Methods, All Fisheries 1980 – 2017

Acquisition Method	Number of Transfers	Percentage
<i>Gift</i>	13,825	36.5%
<i>Sale</i>	22,262	58.8%
<i>Trade</i>	520	1.4%
<i>Other</i>	1,225	3.2%
<i>Total</i>	37,832	100.0%

- Transfer survey information is not included for 349 permit foreclosures. However, 343 subsequent transfers of these permits are included in the 'other' category.
- Transfer of permits as an inheritance is included in the 'gift' category.

Table 8: Percent of Transfers That Were Gifts

<i>Permit</i>	<i>Percent</i>
Lower Yukon Herring Gillnet	90.7%
Goodnews Bay Herring Roe & Food/Bait Gillnet	85.0%
Nunivak Island Herring Gillnet	83.3%
Nelson Island Herring Roe & Food/Bait Gillnet	82.9%
Bristol Bay Herring Spawn on Kelp Hand Pick	74.4%
Kuskokwim Salmon Gillnet	73.7%
Kodiak Salmon Set Gillnet	67.0%
Lower Yukon Salmon Gillnet	67.0%
Kotzebue Salmon Gillnet	64.8%
Norton Sound Salmon Gillnet	55.3%
Yakutat Salmon Setnet	52.8%
Upper Yukon Salmon Gillnet	50.9%
Upper Yukon Salmon Fish Wheel	50.7%
Bristol Bay Salmon Set Gillnet	50.2%

Fisheries Where Gift Transfers Predominate:

Individual fisheries often differ considerably from the statewide averages. Tables in the main report show that while sale transactions predominated for most fisheries, there were 13 permit types where at least half the transfers were gifts (Table 8).

Acquisition Methods by Residency

Table 9 shows a breakdown of acquisition methods by the resident type of the transfer recipient. Since 1980, 46.0% of the transferred permits obtained by Alaska Rural Locals have come as gifts. Sales have accounted for roughly two-thirds of the transfers for each of the other resident types over the time period.

Table 9: Permit Acquisition Methods by Residency, 1980 – 2017

Residency	Gift	Sale	Trade	Other
Alaska Rural Local	46.0%	49.1%	1.5%	3.3%
Alaska Rural Nonlocal	29.5%	65.4%	1.2%	3.9%
Alaska Urban Local	30.9%	64.2%	1.8%	3.1%
Alaska Urban Nonlocal	33.1%	61.4%	1.2%	4.3%
Nonresident	31.9%	64.4%	1.1%	2.7%
<i>Total</i>	<i>36.5%</i>	<i>58.8%</i>	<i>1.4%</i>	<i>3.2%</i>

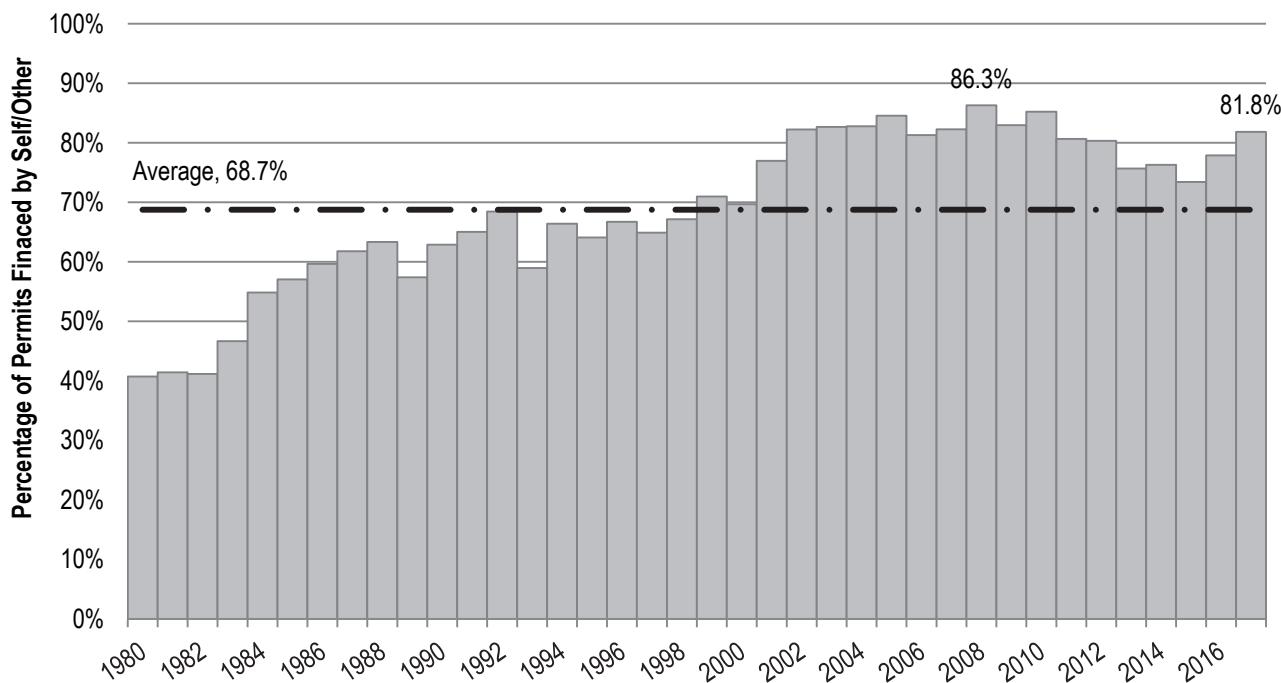
Financing of Permit Purchases

The transfer survey indicates that the predominant means of financing for permit purchases has been through self-financing, which was used for 68.7% of all purchases surveyed from 1980 through 2017 (Figure 8). The next most important source of financing has been the Department of Commerce, Community, and Economic Development's (DCCED) loan program, which assisted in 14.5% of the purchases (Table 10). The percentage of DCCED financed permits increases to 21.1% when only the purchases by Alaska residents are considered. The remainder of the financing sources came from transferors, banks and other private lending institutions, the Commercial Fishing and Agriculture Bank, and fish processors.

Chapter 5 in main document provides time-series data about sources of permit financing. The percentage of self-financed purchases has generally tended to increase over time. In 2017, 81.8% of the purchasers reported self/other financing, down from a peak of 86.3% in 2008 (Figure 8). This contrasts with the percentage of purchases financed by DCCED loans, which have declined somewhat since the mid-1980s. In 2017, 10.0% of the sales were financed by a DCCED loan, down from 26.4% in 1982. The proportion of transferor-financed loans has declined from 27.7% in 1980 to 0.4% in 2017, with an overall average of 5.1%. The use of bank-financed loans have likewise declined, down from 11.9% of the total sales in 1980 to 0.2% in 2017, with an overall average of 5.0%. While the use of CFAB financed loans has varied slightly, it has remained a small portion of financing with an overall average of 2.6%. Processor and combination financed loans have also remained a relatively small source of financing permit sales with overall averages of 1.1% and 2.9% respectively.

Fishery-specific tables in the main report indicate that many individual fisheries substantially deviate from the statewide percentages. For example, many fisheries in which the percentages of self-financed permits are higher than the statewide percentage tend to be those with lower permit values, notably the salmon hand troll fishery with 98.2% of all permit sales financed by self/other in 2017.

Figure 8. Percentage of Permits Financed by Self/Other Financing 1980 – 2017



Permit Financing by Resident Type

Table 10 provides information from survey responses on the sources of permit financing by resident type over the entire 1980 to 2017 time period. Alaska residents have been the recipients of 15,211 surveyed permit purchases since 1980 and most commonly used either their personal resources or authorized loans from the State of Alaska as a means of financing. Urban Alaska local residents have received 42.9% (1,631 of 3,824^c) of the state loans. Nonresidents have the highest rates of self-financing (81.1%) and of financing through the transferor (7.1%).

Table 10: Sources of Permit Financing by Resident Type of Transfer Recipient (1980 - 2017 time period)

Resident Type	Self/Other	Bank	DCCED	CFAB	Transferor	Processor	Combination	Total
Alaska Rural Local	4,038 62.8%	302 4.7%	1,275 19.8%	258 4.0%	252 3.9%	96 1.5%	208 3.2%	6,429
Alaska Rural Non-Local	990 55.2%	60 3.3%	547 30.5%	70 3.9%	69 3.8%	11 0.6%	46 2.6%	1,793
Alaska Urban Local	3,163 68.4%	219 4.7%	802 17.3%	118 2.6%	205 4.4%	34 0.7%	83 1.8%	4,624
Alaska Urban Non-Local	1,399 59.2%	77 3.3%	581 24.6%	130 5.5%	114 4.8%	7 0.3%	57 2.4%	2,365
Nonresident	5,715 81.1%	447 6.3%	30 0.4%	13 0.2%	501 7.1%	96 1.4%	249 3.5%	7,051
Overall Totals	15,305 68.7%	1,105 5.0%	3,235 14.5%	589 2.6%	1,141 5.1%	244 1.1%	643 2.9%	22,262

- This table only includes the transfers where the survey respondents indicated the permit changed hands through a sales transaction.

Permit Prices

In Table 11, average permit prices are given by permit type and year for permit sales during the period 1982 through 2017. Permit prices are derived from the monthly CFEC Permit Value Report (PVR). The figures represent the annual average price of arms-length sales transactions. The Number column is the count of permit sales that occurred that year for the permit type. The Begin and End columns include the date of the first and last permit sales used to compute the average permit price. If fewer than four transactions occur in a year, values from previous years are included to calculate the average of at least four permit sales. All of the prices are in nominal dollars, which do not reflect adjustments for general price inflation. To maintain restrictions on confidential data, permit values cannot be shown in some cases. The method of calculating the annual average price of arms-length transactions was standardized in 1987. Prior to 1987, different methods were used. As a result, permit values prior to 1987 do not display a 'Begin' and 'End' date.

The longest and most complete information on permit prices are in the salmon permit types. Prices in these permit types tended to increase until around 1990, then fell during the years 1993 to 2004. There has been a rebound in salmon permit prices since 2004.

Permit prices can vary for the same gear type used in different areas of the state. There can be dramatic fluctuations in values for some permits during specific periods. For example, the nominal value of the Chignik salmon purse seine permit type fell from \$416,667 in 1990 to \$70,800 in 2009 and rose to a year-end 2015 value of \$227,500, before dropping down to \$167,200 where it is in 2017.

Table 11. Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End
Statewide Salmon Power Troll				
1982	73	\$21,630		
1983	74	*		
1984	72	\$19,624		
1985	74	\$21,530		
1986	73	\$25,383		
1987	65	\$26,625	JAN87	DEC87
1988	68	\$29,568	JAN88	DEC88
1989	56	\$32,758	JAN89	DEC89
1990	51	\$33,156	JAN90	DEC90
1991	58	\$37,300	JAN91	DEC91
1992	47	\$34,300	JAN92	DEC92
1993	48	\$30,700	JAN93	DEC93
1994	45	\$28,300	JAN94	DEC94
1995	71	\$28,300	JAN95	DEC95
1996	36	\$20,000	JAN96	DEC96
1997	55	\$18,100	JAN97	DEC97
1998	46	\$17,600	JAN98	DEC98
1999	41	\$15,000	JAN99	DEC99
2000	74	\$14,600	JAN00	DEC00
2001	63	\$13,000	JAN01	DEC01
2002	37	\$14,000	JAN02	DEC02
2003	56	\$12,700	JAN03	DEC03
2004	81	\$16,400	JAN04	DEC04
2005	53	\$27,900	JAN05	DEC05
2006	78	\$31,500	JAN06	DEC06
2007	46	\$36,200	JAN07	DEC07
2008	51	\$35,200	JAN08	DEC08
2009	33	\$34,200	JAN09	DEC09
2010	50	\$29,000	JAN10	DEC10
2011	66	\$32,600	JAN11	DEC11
2012	61	\$35,300	JAN12	DEC12
2013	50	\$32,000	JAN13	DEC13
2014	43	\$37,000	JAN14	DEC14
2015	41	\$38,300	JAN15	DEC15
2016	38	\$35,000	JAN16	NOV16
2017	33	\$33,400	JAN17	DEC17
Statewide Salmon Hand Troll				
1982	35	\$3,828		
1983	90	*		
1984	70	\$4,732		
1985	93	\$5,109		
1986	111	\$5,297		
1987	93	\$5,620	JAN87	DEC87
1988	100	\$6,503	JAN88	DEC88
1989	67	\$7,423	JAN89	DEC89
1990	101	\$7,684	JAN90	DEC90
1991	85	\$8,400	JAN91	DEC91
1992	70	\$8,500	JAN92	DEC92
1993	54	\$7,700	JAN93	DEC93
1994	68	\$7,400	JAN94	DEC94
1995	81	\$7,500	JAN95	DEC95
1996	44	\$5,900	JAN96	DEC96
Statewide Salmon Hand Trawl continued				
1997	59	\$5,500	JAN97	DEC97
1998	51	\$4,700	JAN98	DEC98
1999	62	\$3,900	FEB99	DEC99
2000	67	\$4,100	JAN00	DEC00
2001	62	\$4,100	JAN01	DEC01
2002	40	\$3,700	JAN02	DEC02
2003	65	\$3,500	JAN03	DEC03
2004	65	\$4,100	JAN04	DEC04
2005	78	\$7,200	JAN05	DEC05
2006	78	\$8,600	JAN06	DEC06
2007	77	\$9,500	JAN07	DEC07
2008	61	\$9,900	JAN08	NOV08
2009	57	\$10,500	JAN09	DEC09
2010	48	\$9,900	JAN10	DEC10
2011	83	\$10,400	JAN11	DEC11
2012	66	\$10,900	JAN12	DEC12
2013	63	\$10,300	JAN13	DEC13
2014	73	\$10,800	JAN14	DEC14
2015	39	\$11,000	JAN15	DEC15
2016	49	\$10,200	JAN16	DEC16
2017	56	\$10,100	JAN17	DEC17
Southeast Salmon Purse Seine				
1982	22	\$40,636		
1983	21	\$38,531		
1984	38	\$40,884		
1985	27	\$37,907		
1986	19	\$36,059		
1987	30	\$40,832	JAN87	DEC87
1988	18	\$65,833	FEB88	DEC88
1989	29	\$79,267	FEB89	DEC89
1990	18	\$110,563	JAN90	DEC90
1991	19	\$92,700	FEB91	OCT91
1992	17	\$65,000	FEB92	DEC92
1993	16	\$79,600	JAN93	NOV93
1994	25	\$73,600	JAN94	JUL94
1995	17	\$75,900	MAR95	DEC95
1996	16	\$61,200	JAN96	DEC96
1997	20	\$50,000	JAN97	DEC97
1998	24	\$49,500	JAN98	DEC98
1999	17	\$40,400	JAN99	SEP99
2000	25	\$39,300	JAN00	DEC00
2001	22	\$34,700	JAN01	OCT01
2002	26	\$22,800	JAN02	DEC02
2003	8	\$32,800	FEB03	NOV03
2004	6	\$32,100	MAY04	DEC04
2005	17	\$41,800	JAN05	DEC05
2006	18	\$52,900	JAN06	DEC06
2007	17	\$59,700	JAN07	DEC07
2008	9	\$67,800	MAR08	DEC08
2009	17	\$72,800	FEB09	DEC09
2010	25	\$87,400	JAN10	DEC10
2011	24	\$129,500	JAN11	NOV11

Table 11: Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End							
Southeast Salmon Purse Seine continued																
2012	15	\$236,000	FEB12	DEC12	1991	4	\$235,000	JAN91	NOV91							
2013	19	\$300,800	JAN13	DEC13	1992	0	\$235,000	JAN91	NOV91							
2014	5	\$307,000	MAR14	SEP14	1993	1	\$207,500	MAR91	OCT93							
2015	12	\$250,000	FEB15	NOV15	1994	1	\$185,000	JUN91	FEB94							
2016	4	\$163,400	NOV15	DEC16	1995	3	\$175,000	FEB94	MAR95							
2017	12	\$206,300	APR17	JUL17	1996	5	\$287,300	FEB96	APR96							
Southeast Salmon Drift Gillnet																
1982	43	\$38,650			1997	4	\$227,500	JAN97	DEC97							
1983	38	\$34,653			1998	2	\$208,500	DEC97	FEB98							
1984	43	\$34,615			1999	1	\$211,800	DEC97	MAR99							
1985	43	\$36,245			2000	3	\$241,300	MAR99	DEC00							
1986	46	\$44,849			2001	2	\$244,500	JAN00	MAY01							
1987	35	\$55,632	JAN87	DEC87	2002	2	\$255,900	MAY01	MAR02							
1988	30	\$77,621	JAN88	DEC88	2003	1	\$258,700	MAY01	JAN03							
1989	16	\$128,667	JAN89	DEC89	2004	4	\$297,000	JAN04	APR04							
1990	28	\$106,500	JAN90	DEC90	2005	1	\$297,000	JAN04	APR04							
1991	33	\$82,800	FEB91	DEC91	2006	2	\$280,000	MAR04	MAY06							
1992	29	\$75,500	JAN92	DEC92	2007	2	\$283,800	APR04	JAN07							
1993	27	\$82,200	JAN93	NOV93	2008	2	\$290,000	MAY06	MAR08							
1994	31	\$62,900	JAN94	DEC94	2009	0	\$290,000	MAY06	MAR08							
1995	33	\$70,800	JAN95	DEC95	2010	3	\$444,000	MAR08	DEC10							
1996	31	\$59,400	JAN96	DEC96	2011	4	\$518,800	OCT10	NOV11							
1997	32	\$50,600	JAN97	DEC97	2012	3	\$366,300	NOV11	MAY12							
1998	25	\$35,400	JAN98	DEC98	2013	3	\$430,000	MAY12	JUL13							
1999	32	\$33,900	JAN99	DEC99	2014	2	\$419,000	FEB13	OCT14							
2000	38	\$33,000	FEB00	DEC00	2015	4	\$243,300	OCT14	APR15							
2001	29	\$41,300	JAN01	JUN01	2016	5	\$239,000	JAN16	NOV16							
2002	14	\$27,900	JAN02	DEC02	2017	2	\$248,800	FEB16	FEB17							
2003	18	\$21,100	FEB03	NOV03	Southeast Herring Roe & Food/Bait Gillnet											
2004	24	\$21,800	JAN04	DEC04	1982	6	\$27,500									
2005	36	\$29,500	FEB05	DEC05	1983	5	\$29,167									
2006	40	\$38,900	FEB06	DEC06	1984	6	\$39,583									
2007	29	\$55,900	JAN07	DEC07	1985	12	\$45,000									
2008	21	\$54,400	FEB08	DEC08	1986	6	\$51,250									
2009	24	\$53,900	FEB09	DEC09	1987	12	\$51,136	JAN87	DEC87							
2010	40	\$57,400	JAN10	DEC10	1988	11	\$48,827	JAN88	DEC88							
2011	34	\$80,100	JAN11	DEC11	1989	4	\$54,750	FEB89	MAY89							
2012	32	\$94,600	JAN12	DEC12	1990	2	\$54,333	APR89	MAY89							
2013	35	\$113,200	JAN13	DEC13	1991	7	\$25,700	MAR91	DEC91							
2014	24	\$94,900	JAN14	DEC14	1992	12	\$34,900	JAN92	NOV92							
2015	21	\$88,900	JAN15	DEC15	1993	1	\$39,000	AUG92	OCT93							
2016	14	\$84,400	FEB16	DEC16	1994	8	\$32,800	FEB94	DEC94							
2017	24	\$88,800	JAN17	NOV17	1995	10	\$31,800	FEB95	DEC95							
Southeast Roe Herring Purse Seine										1996	13	\$34,900	JAN96	DEC96		
1982	2	**			1997	5	\$35,100	JAN97	DEC97							
1983	2	*			1998	6	\$26,400	FEB98	DEC98							
1984	1	*			1999	5	\$18,200	FEB99	AUG99							
1985	2	*			2000	3	\$17,700	MAR99	DEC00							
1986	2	*			2001	3	\$13,800	DEC00	OCT01							
1987	2	\$216,667	OCT86	APR87	2002	2	\$12,000	AUG01	DEC02							
1988	3	\$423,333	FEB88	MAR88	2003	14	\$9,700	JAN03	DEC03							
1989	0	\$423,333	FEB88	MAR88	2004	6	\$14,300	FEB04	DEC04							
1990	2	\$330,000	MAR88	SEP90	2005	6	\$10,200	MAR05	DEC05							
					2006	3	\$9,300	SEP05	JUN06							
					2007	3	\$7,000	JUN06	JUL07							

Table 11. Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End					
Southeast Herring Roe & Food/Bait Gillnet continued														
2008	11	\$8,600	JAN08	AUG08	1989	1	**							
2009	11	\$13,300	FEB09	DEC09	1990	2	**							
2010	6	\$15,800	APR10	JUN10	1991	3	\$118,800	SEP90	DEC91					
2011	1	\$16,000	APR10	JUN10	1992	4	\$149,000	JAN92	MAY92					
2012	3	\$12,100	APR10	NOV12	1993	2	\$151,500	FEB92	MAR93					
2013	7	\$12,600	MAR13	SEP13	1994	2	\$155,000	JAN93	MAY94					
2014	1	\$13,400	APR13	APR14	1995	6	\$218,000	JAN95	SEP95					
2015	0	\$13,400	APR13	APR14	1996	2	\$275,000	AUG95	MAR96					
2016	1	\$13,400	APR13	APR14	1997	2	\$290,000	FEB96	MAR97					
2017	0	\$13,400	APR13	APR14	1998	1	\$291,400	MAR96	NOV98					
Northern Southeast Herring Spawn on Kelp Pound														
1998	3	**			1999	3	\$246,400	NOV98	DEC99					
1999	6	\$16,600	JAN99	JUL99	2000	5	\$248,000	JAN00	AUG00					
2000	4	\$18,500	JAN00	SEP00	2001	0	\$248,000	JAN00	AUG00					
2001	26	\$15,300	JAN01	DEC01	2002	2	\$240,000	JUN00	JUL02					
2002	14	\$21,600	JAN02	OCT02	2003	2	\$230,100	MAY02	DEC03					
2003	15	\$38,200	FEB03	DEC03	2004	0	\$230,100	MAY02	DEC03					
2004	8	\$48,600	JAN04	JUL04	2005	1	\$256,400	JUL02	MAR05					
2005	9	\$48,700	MAR05	MAY05	2006	2	\$286,300	DEC03	FEB06					
2006	6	\$42,000	APR06	OCT06	2007	1	\$302,500	MAR05	APR07					
2007	15	\$36,100	FEB07	DEC07	2008	5	\$300,500	JAN08	NOV08					
2008	12	\$50,300	JAN08	DEC08	2009	3	\$312,900	NOV08	JUN09					
2009	16	\$58,500	JAN09	JUL09	2010	6	\$284,800	MAY10	NOV10					
2010	7	\$60,700	JAN10	SEP10	2011	2	\$332,300	AUG10	OCT11					
2011	6	\$42,400	FEB11	DEC11	2012	2	\$373,800	JUL11	APR12					
2012	8	\$46,600	JAN12	DEC12	2013	1	\$376,300	OCT11	NOV13					
2013	2	\$44,000	APR12	JUN13	2014	2	\$388,800	MAR12	NOV14					
2014	5	\$43,100	FEB14	OCT14	2015	4	\$400,100	NOV14	DEC15					
2015	0	\$43,100	FEB14	OCT14	2016	1	\$398,900	APR15	OCT16					
2016	1	\$43,100	FEB14	OCT14	2017	5	\$408,000	JUN17	OCT17					
2017	0	\$43,100	FEB14	OCT14										
Southern Southeast Herring Spawn on Kelp Pound														
1999	2	**												
2000	1	**												
2001	13	\$3,600	JAN01	NOV01	Southern Southeast Inside Sablefish Longline									
2002	20	\$4,400	JAN02	DEC02	1990	1	**							
2003	16	\$7,100	JAN03	DEC03	1991	1	**							
2004	13	\$14,000	JAN04	SEP04	1992	1	**							
2005	4	\$12,900	AUG04	AUG05	1993	1	\$120,000	MAY90	JAN93					
2006	3	\$10,300	MAR05	MAR06	1994	1	\$120,000	MAY90	JAN93					
2007	7	\$8,600	FEB07	DEC07	1995	1	\$120,000	MAY90	JAN93					
2008	17	\$13,000	JAN08	DEC08	1996	1	\$137,500	APR91	MAY96					
2009	13	\$17,300	JAN09	OCT09	1997	0	\$137,500	APR91	MAY96					
2010	8	\$17,800	FEB10	OCT10	1998	1	\$157,500	FEB92	JAN98					
2011	4	\$16,400	OCT10	DEC11	1999	0	\$157,500	FEB92	JAN98					
2012	20	\$16,800	JAN12	DEC12	2000	0	\$157,500	FEB92	JAN98					
2013	15	\$30,000	JAN13	SEP13	2001	1	\$183,800	JAN93	JAN01					
2014	9	\$35,900	JAN14	DEC14	2002	0	\$183,800	JAN93	JAN01					
2015	3	\$35,600	JUN14	MAR15	2003	0	\$183,800	JAN93	JAN01					
2016	3	\$27,600	MAR15	NOV16	2004	0	\$183,800	JAN93	JAN01					
2017	2	\$26,300	MAR16	MAY17	2005	1	\$212,500	MAY96	MAY05					

Table 11: Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End
Southern SE Inside Sablefish Longline continued									
2014	1	\$375,600	JUN10	FEB14	1991	1	**		
2015	1	\$375,600	JUN10	FEB14	1994	3	\$106,300	NOV91	DEC94
2016	0	\$375,600	JUN10	FEB14	1995	0	\$106,300	NOV91	DEC94
2017	0	\$375,600	JUN10	FEB14	1996	0	\$106,300	NOV91	DEC94
Southern Southeast Inside Sablefish Pot Gear									
1997	1	**			1997	0	\$106,300	NOV91	DEC94
Southeast Red, Blue King Crab Pot Gear									
2001	1	**			1998	0	\$106,300	NOV91	DEC94
2002	1	**			1999	1	\$121,300	JUN94	FEB99
2006	2	\$55,300	SEP01	OCT06	2000	2	\$152,600	DEC94	MAY00
2007	0	\$55,300	SEP01	OCT06	2001	1	\$161,400	FEB99	OCT01
2008	0	\$55,300	SEP01	OCT06	2002	0	\$161,400	FEB99	OCT01
2009	1	\$52,800	NOV02	FEB09	2003	0	\$161,400	FEB99	OCT01
2010	2	\$46,300	OCT06	MAR10	2004	1	\$146,400	JAN00	MAY04
2011	0	\$46,300	OCT06	MAR10	2005	0	\$146,400	JAN00	MAY04
2012	0	\$46,300	OCT06	MAR10	2006	0	\$146,400	JAN00	MAY04
2013	0	\$46,300	OCT06	MAR10	2007	0	\$146,400	JAN00	MAY04
2014	0	\$46,300	OCT06	MAR10	2008	1	\$137,900	MAY00	JAN08
2015	1	\$41,300	FEB09	JUL15	2009	0	\$137,900	MAY00	JAN08
2016	1	\$41,300	FEB09	JUL15	2010	3	\$106,500	JAN08	DEC10
2017	1	\$46,300	JAN10	DEC17	2011	3	\$81,300	DEC10	JUL11
Southeast Red, Blue, Brown King Crab Pot Gear									
2001	1	**			2012	3	\$107,500	JUL11	JUL12
2003	1	**			2013	4	\$114,400	JUL12	JUN13
2005	1	**			2014	0	\$114,400	JUL12	JUN13
2010	2	\$127,000	MAY03	FEB10	2015	0	\$114,400	JUL12	JUN13
2011	0	\$127,000	MAY03	FEB10	2016	0	\$114,400	JUL12	JUN13
2012	0	\$127,000	MAY03	FEB10	2017	1	\$112,900	FEB13	APR17
2013	0	\$127,000	MAY03	FEB10					
2014	0	\$127,000	MAY03	FEB10					
2015	0	\$127,000	MAY03	FEB10					
2016	0	\$127,000	MAY03	FEB10					
2017	0	\$127,000	MAY03	FEB10					
Southeast Brown King Crab Pot Gear									
1997	1	**							
2002	1	**							
2003	1	**							
2005	1	**							
2008	1	**							
2009	1	\$143,800	AUG00	NOV09					
2010	0	\$143,800	AUG00	NOV09					
2011	0	\$143,800	AUG00	NOV09					
2012	0	\$143,800	AUG00	NOV09					
2013	0	\$143,800	AUG00	NOV09					
2014	0	\$143,800	AUG00	NOV09					
2015	0	\$143,800	AUG00	NOV09					
2016	0	\$143,800	AUG00	NOV09					
2017	0	\$143,800	AUG00	NOV09					
Southeast All King/Tanner Pot Gear									
1990	1	**							
1991	1	**							
1992	1	**							
1994	2	\$153,100	JUN90	SEP94					
1995	2	\$179,400	JAN92	OCT95					
1996	0	\$179,400	JAN92	OCT95					
1997	0	\$179,400	JAN92	OCT95					
1998	1	\$179,400	JAN92	OCT95					
1999	0	\$179,400	JAN92	OCT95					
2000	0	\$179,400	JAN92	OCT95					
2001	1	\$199,400	SEP94	JAN01					
2002	3	\$227,500	JAN01	SEP02					
2003	0	\$227,500	JAN01	SEP02					
2004	0	\$227,500	JAN01	SEP02					

Table 11. Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End					
Southeast All King/Tanner Pot Gear continued														
2005	3	\$221,600	SEP02	DEC05	2014	5	\$43,400	JAN14	MAY14					
2006	1	\$202,000	JUN05	SEP06	2015	3	\$49,800	APR14	MAY15					
2007	1	\$199,500	SEP05	JAN07	2016	3	\$56,900	MAY14	MAR16					
2008	1	\$210,000	DEC05	FEB08	2017	1	\$65,100	MAY14	JUN17					
2009	1	\$200,000	SEP06	JAN09										
2010	0	\$200,000	SEP06	JAN09	Southeast Dungeness Crab 300 Pots continued									
2011	2	\$203,800	FEB08	JUN11	1997	11	\$65,100	MAR97	DEC97					
2012	0	\$203,800	FEB08	JUN11	1998	5	\$59,400	JAN98	SEP98					
2013	1	\$192,500	JAN09	DEC13	1999	2	\$50,300	SEP98	OCT99					
2014	2	\$192,500	JUN11	AUG14	2000	3	\$42,800	OCT99	SEP00					
2015	0	\$192,500	JUN11	AUG14	2001	3	\$39,400	SEP00	SEP01					
2016	0	\$192,500	JUN11	AUG14	2002	4	\$40,600	FEB02	MAR02					
2017	0	\$192,500	JUN11	AUG14	2003	2	\$41,200	FEB02	APR03					
Southeast Tanner Crab Pot Gear														
1990	1	**			2004	8	\$44,600	MAY04	DEC04					
1993	1	**			2005	3	\$45,300	DEC04	NOV05					
1996	1	**			2006	3	\$44,300	NOV05	MAY06					
2000	1	\$95,100	DEC90	JAN00	2007	3	\$43,400	MAR07	DEC07					
2001	2	\$124,800	FEB96	SEP01	2008	8	\$45,400	JAN08	MAY08					
2002	2	\$107,300	JAN01	AUG02	2009	3	\$43,400	MAY08	APR09					
2003	2	\$78,800	FEB02	AUG03	2010	4	\$40,800	JAN10	MAY10					
2004	1	\$67,500	AUG02	DEC04	2011	2	\$38,800	APR10	MAY11					
2005	0	\$67,500	AUG02	DEC04	2012	1	\$38,500	MAY10	MAR12					
2006	0	\$67,500	AUG02	DEC04	2013	7	\$29,100	FEB13	AUG13					
2007	2	\$61,300	AUG03	JUL07	2014	8	\$32,400	JAN14	SEP14					
2008	1	\$57,500	DEC04	DEC08	2015	4	\$50,000	FEB15	JUN15					
2009	1	\$56,300	MAR07	DEC09	2016	2	\$55,300	JUN15	SEP16					
2010	2	\$58,800	DEC08	DEC10	2017	2	\$53,800	JUN15	DEC17					
2011	1	\$60,900	DEC09	FEB11	Southeast Dungeness Crab 150 Pots									
2012	2	\$60,100	DEC10	MAR12	1997	28	\$41,700	MAR97	NOV97					
2013	2	\$66,800	JAN12	FEB13	1998	15	\$40,300	JAN98	JUN98					
2014	4	\$68,000	MAR12	OCT14	1999	2	\$36,000	JUN98	SEP99					
2015	2	\$70,000	FEB13	DEC15	2000	5	\$23,500	FEB00	OCT00					
2016	2	\$70,000	FEB13	MAR16	2001	9	\$21,800	FEB01	NOV01					
2017	2	\$73,000	DEC15	APR17	2002	15	\$26,800	JAN02	OCT02					
Southeast Dungeness Crab 300 Pots														
1997	14	\$87,000	JAN97	JUN97	2003	11	\$30,800	MAR03	DEC03					
1998	5	\$82,800	MAR98	JUN98	2004	10	\$30,400	MAR04	DEC04					
1999	2	\$78,800	JUN98	MAY99	2005	7	\$28,900	FEB05	JUL05					
2000	7	\$54,600	FEB00	DEC00	2006	2	\$29,800	JUN05	NOV06					
2001	3	\$52,800	DEC00	JUN01	2007	5	\$28,600	APR07	SEP07					
2002	2	\$50,600	JUN01	APR02	2008	16	\$31,200	JAN08	OCT08					
2003	3	\$56,900	APR02	NOV03	2009	6	\$31,100	FEB09	MAY09					
2004	6	\$57,500	APR04	DEC04	2010	8	\$25,200	JAN10	DEC10					
2005	1	\$58,900	MAY04	APR05	2011	5	\$27,200	MAR11	SEP11					
2006	2	\$61,800	DEC04	DEC06	2012	8	\$22,100	JAN12	DEC12					
2007	9	\$62,200	JAN07	OCT07	2013	10	\$18,400	JAN13	DEC13					
2008	3	\$67,500	OCT07	MAR08	2014	16	\$22,400	JAN14	DEC14					
2009	1	\$65,000	JAN08	APR09	2015	13	\$34,400	APR15	OCT15					
2010	1	\$67,000	JAN08	MAY10	2016	10	\$38,500	JAN16	SEP16					
2011	2	\$67,500	MAR08	MAR11	2017	4	\$37,800	SEP16	APR17					
2012	3	\$59,300	MAY10	MAY12	Southeast Dungeness Crab 75 Pots									
2013	5	\$42,000	MAY13	DEC13	1997	24	\$21,700	MAR97	DEC97					
					1998	22	\$21,800	JAN98	DEC98					
					1999	9	\$16,200	APR99	OCT99					

Table 11: Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End
Southeast Dungeness Crab 75 Pots continued				
2000	9	\$14,600	FEB00	JUN00
2001	10	\$12,400	MAR01	DEC01
2002	11	\$13,700	JAN02	NOV02
2003	11	\$13,800	JAN03	DEC03
2004	10	\$13,900	APR04	DEC04
2005	9	\$13,900	FEB05	AUG05
2006	9	\$13,000	MAY06	DEC06
2007	15	\$13,700	MAR07	NOV07
2008	10	\$14,500	JAN08	DEC08
2009	8	\$15,400	MAR09	SEP09
2010	7	\$13,600	MAR10	JUN10
2011	13	\$11,500	FEB11	DEC11
2012	13	\$11,400	JAN12	DEC12
2013	9	\$10,500	MAR13	DEC13
2014	17	\$12,700	JAN14	DEC14
2015	8	\$15,600	JAN15	NOV15
2016	14	\$15,200	JAN16	DEC16
2017	11	\$16,700	JAN17	DEC17
Southeast Shrimp Beam Trawl				
1999	1	**		
2001	4	\$43,800	APR01	MAY01
2002	2	\$41,300	MAY01	DEC02
2003	1	\$41,300	MAY01	DEC02
2004	0	\$41,300	MAY01	DEC02
2005	0	\$41,300	MAY01	DEC02
2006	0	\$41,300	MAY01	DEC02
2007	1	\$35,400	MAY01	JUL07
2008	2	\$22,800	DEC02	MAY08
2009	0	\$22,800	DEC02	MAY08
2010	3	\$16,300	MAY08	DEC10
2011	1	\$13,800	JUL10	SEP11
2012	1	\$12,900	NOV10	JUN12
2013	6	\$14,800	JUN12	OCT13
2014	3	\$19,800	AUG13	MAY14
2015	5	\$24,300	MAY14	AUG15
2016	1	\$24,300	MAY14	AUG15
2017	2	\$25,300	MAY15	NOV17
Southeast Shrimp Pot Gear				
1998	5	\$21,300	SEP98	NOV98
1999	11	\$15,400	FEB99	JUL99
2000	26	\$11,500	FEB00	DEC00
2001	16	\$23,100	JAN01	NOV01
2002	10	\$14,400	JAN02	DEC02
2003	12	\$15,400	APR03	OCT03
2004	12	\$18,400	JAN04	SEP04
2005	9	\$20,400	JUL05	DEC05
2006	5	\$22,000	JAN06	SEP06
2007	7	\$19,600	JAN07	OCT07
2008	9	\$16,500	JAN08	DEC08
2009	6	\$12,500	FEB09	DEC09
2010	11	\$15,400	JAN10	JUL10
2011	14	\$14,100	FEB11	DEC11
2012	5	\$15,000	APR12	SEP12

Year	Number	Permit Value	Begin	End
Southeast Shrimp Pot Gear continued				
2013	20	\$18,700	JAN13	OCT13
2014	15	\$22,300	JAN14	NOV14
2015	5	\$20,500	MAR15	DEC15
2016	8	\$18,500	JAN16	OCT16
2017	10	\$18,800	JAN17	SEP17
Southeast Urchin Diving Gear				
2000	9	\$5,400	AUG00	DEC00
2001	22	\$7,800	JAN01	OCT01
2002	11	\$9,400	JAN02	NOV02
2003	9	\$7,800	FEB03	DEC03
2004	15	\$6,600	JAN04	DEC04
2005	2	\$6,800	NOV04	OCT05
2006	3	\$6,000	OCT05	JUL06
2007	4	\$3,900	JAN07	NOV07
2008	2	\$3,800	JAN07	APR08
2009	1	\$3,800	MAY07	APR09
2010	2	\$3,600	APR08	JUN10
2011	1	\$3,600	APR09	JAN11
2012	0	\$3,600	APR09	JAN11
2013	5	\$3,600	JAN11	AUG13
2014	4	\$2,400	APR14	JUL14
2015	3	\$2,200	MAY14	DEC15
2016	4	\$2,500	DEC15	NOV16
2017	4	\$3,900	JAN17	NOV17
Southeast Geoduck Diving Gear				
2001	5	\$26,200	MAY01	SEP01
2002	4	\$22,800	JAN02	OCT02
2003	5	\$29,200	JAN03	DEC03
2004	9	\$31,300	APR04	DEC04
2005	6	\$42,200	JAN05	OCT05
2006	3	\$58,800	OCT05	OCT06
2007	3	\$76,300	OCT06	APR07
2008	1	\$83,800	FEB07	JUN08
2009	3	\$77,900	APR07	NOV09
2010	8	\$81,600	JAN10	DEC10
2011	2	\$86,700	SEP10	DEC11
2012	3	\$85,000	MAY11	AUG12
2013	5	\$82,000	AUG12	DEC13
2014	3	\$86,600	AUG13	SEP14
2015	4	\$70,000	SEP14	SEP15
2016	5	\$62,500	SEP16	DEC16
2017	4	\$58,800	OCT16	SEP17
Southeast Sea Cucumber Diving Gear				
2001	17	\$14,600	JUN01	DEC01
2002	8	\$10,600	MAR02	DEC02
2003	10	\$8,400	JAN03	DEC03
2004	10	\$8,200	JAN04	DEC04
2005	10	\$8,900	JAN05	NOV05
2006	12	\$8,900	JAN06	DEC06
2007	18	\$8,700	JAN07	DEC07
2008	9	\$10,800	JAN08	DEC08
2009	12	\$11,300	JAN09	DEC09

Table 11. Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End							
Southeast Sea Cucumber Diving Gear continued																
2010	18	\$11,300	JAN10	NOV10	1989	6	\$236,333	JAN89	JUN89							
2011	31	\$12,900	JAN11	DEC11	1990	5	\$273,333	JAN90	NOV90							
2012	15	\$22,800	MAR12	NOV12	1991	10	\$215,500	FEB91	JUL91							
2013	20	\$33,000	JAN13	NOV13	1992	19	\$98,300	JAN92	DEC92							
2014	11	\$29,300	JAN14	OCT14	1993	10	\$88,900	JAN93	DEC93							
2015	9	\$24,700	FEB15	OCT15	1994	18	\$35,300	MAR94	NOV94							
2016	19	\$25,200	JAN16	DEC16	1995	8	\$64,300	JAN95	DEC95							
2017	18	\$26,100	FEB17	DEC17	1996	6	\$33,800	FEB96	DEC96							
Yakutat Salmon Setnet																
1982	8	\$32,792			1997	17	\$36,400	JAN97	DEC97							
1983	5	\$27,250			1998	12	\$36,600	JAN98	DEC98							
1984	5	\$23,750			1999	10	\$23,100	FEB99	DEC99							
1985	10	\$25,862			2000	21	\$22,000	JAN00	DEC00							
1986	8	\$26,857			2001	11	\$21,400	APR01	DEC01							
1987	11	\$27,200	JAN87	DEC87	2002	9	\$20,000	JAN02	NOV02							
1988	18	\$29,734	JAN88	DEC88	2003	3	\$13,500	NOV02	OCT03							
1989	6	\$33,200	APR89	DEC89	2004	6	\$14,000	MAR04	DEC04							
1990	12	\$39,455	JAN90	DEC90	2005	12	\$19,200	FEB05	DEC05							
1991	10	\$44,100	FEB91	DEC91	2006	12	\$26,100	JAN06	OCT06							
1992	4	\$40,000	DEC91	SEP92	2007	17	\$30,900	JAN07	DEC07							
1993	11	\$46,900	FEB93	OCT93	2008	40	\$70,200	JAN08	DEC08							
1994	6	\$42,500	MAR94	DEC94	2009	8	\$75,300	FEB09	DEC09							
1995	5	\$49,600	APR95	AUG95	2010	21	\$100,500	FEB10	DEC10							
1996	8	\$43,400	JAN96	OCT96	2011	26	\$140,000	JAN11	DEC11							
1997	5	\$34,900	FEB97	DEC97	2012	16	\$168,700	FEB12	DEC12							
1998	2	\$30,900	MAY97	JUN98	2013	20	\$168,000	JAN13	DEC13							
1999	2	\$31,300	JAN98	OCT99	2014	12	\$204,600	MAR14	DEC14							
2000	4	\$28,100	OCT99	AUG00	2015	16	\$186,700	JAN15	DEC15							
2001	5	\$27,400	JAN01	JUN01	2016	16	\$147,900	FEB16	DEC16							
2002	2	\$23,600	JUN01	JUN02	2017	18	\$154,500	JAN17	DEC17							
2003	7	\$9,600	JUN03	DEC03	Prince William Sound Salmon Drift Gillnet											
2004	13	\$10,800	JAN04	DEC04	1982	54	\$46,337									
2005	10	\$12,800	JAN05	DEC05	1983	39	\$61,760									
2006	6	\$13,100	MAR06	NOV06	1984	35	\$53,544									
2007	9	\$16,600	JAN07	NOV07	1985	53	\$55,991									
2008	10	\$20,300	JAN08	DEC08	1986	46	\$61,606									
2009	7	\$17,900	JAN09	JUN09	1987	46	\$62,365	JAN87	DEC87							
2010	6	\$17,400	MAY10	OCT10	1988	50	\$75,884	JAN88	DEC88							
2011	5	\$17,800	JUN11	DEC11	1989	15	\$141,115	JAN89	NOV89							
2012	4	\$19,800	MAY12	NOV12	1990	27	\$159,797	JAN90	DEC90							
2013	2	\$19,900	OCT12	OCT13	1991	24	\$127,300	JAN91	DEC91							
2014	9	\$17,800	APR14	DEC14	1992	26	\$98,100	JAN92	NOV92							
2015	4	\$18,700	MAY15	DEC15	1993	14	\$99,300	JAN93	AUG93							
2016	4	\$16,600	DEC15	OCT16	1994	21	\$65,800	JAN94	DEC94							
2017	4	\$16,600	DEC15	OCT16	1995	34	\$69,000	FEB95	OCT95							
Prince William Sound Salmon Purse Seine										1996	30	\$60,600	JAN96	DEC96		
1982	15	\$97,578			1997	23	\$67,900	JAN97	DEC97							
1983	17	\$143,186			1998	29	\$69,300	JAN98	DEC98							
1984	12	\$131,695			1999	24	\$55,200	FEB99	DEC99							
1985	17	\$109,625			2000	27	\$59,300	JAN00	DEC00							
1986	13	\$98,841			2001	19	\$57,500	JAN01	SEP01							
1987	23	\$93,500	JAN87	DEC87	2002	18	\$41,000	MAR02	DEC02							
1988	20	\$145,972	JAN88	NOV88	2003	21	\$35,900	JAN03	DEC03							
					2004	27	\$40,400	JAN04	DEC04							
					2005	25	\$48,300	JAN05	NOV05							

Table 11: Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End					
Prince William Sound Salmon Drift Gillnet continued														
2006	28	\$51,600	FEB06	DEC06	1985	12	\$66,375							
2007	27	\$52,000	JAN07	OCT07	1986	10	\$76,591							
2008	35	\$90,300	JAN08	DEC08	1987	5	\$96,250	MAR87	SEP87					
2009	26	\$110,900	JAN09	DEC09	1988	10	\$182,500	JAN88	OCT88					
2010	46	\$128,100	JAN10	DEC10	1989	1	\$245,000	SEP88	MAR89					
2011	33	\$162,100	JAN11	DEC11	1990	3	\$216,667	MAY90	DEC90					
2012	30	\$180,200	FEB12	DEC12	1991	6	\$239,000	JAN91	MAR91					
2013	20	\$195,200	JAN13	DEC13	1992	8	\$196,500	FEB92	NOV92					
2014	26	\$224,100	JAN14	NOV14	1993	1	\$180,000	MAR92	FEB93					
2015	17	\$224,200	JAN15	JUN15	1994	2	\$112,500	NOV92	MAR94					
2016	22	\$155,400	JAN16	DEC16	1995	4	\$59,200	JAN95	DEC95					
2017	26	\$147,800	JAN17	DEC17	1996	8	\$71,900	JAN96	NOV96					
Prince William Sound Salmon Set Gillnet														
1982	5	\$19,400			1997	6	\$125,300	JAN97	SEP97					
1983	6	\$24,167			1998	0	\$120,000	FEB97	SEP97					
1984	4	\$31,250			1999	2	\$80,000	APR97	DEC99					
1985	4	\$32,375			2000	4	\$34,000	MAY00	DEC00					
1986	1	*			2001	1	\$34,000	MAY00	DEC00					
1987	4	\$29,625	JAN87	OCT87	2002	2	\$27,100	JUN00	DEC02					
1988	2	\$49,833	OCT87	DEC88	2003	2	\$16,300	DEC00	DEC03					
1989	1	\$64,167	MAR88	APR89	2004	1	\$14,800	DEC02	JUL04					
1990	1	\$86,667	DEC88	MAY90	2005	0	\$14,800	DEC02	JUL04					
1991	1	\$90,000	DEC88	FEB91	2006	0	\$14,800	DEC02	JUL04					
1992	1	\$95,000	APR89	MAR92	2007	2	\$12,500	DEC03	NOV07					
1993	0	\$95,000	APR89	MAR92	2008	1	\$9,800	JUL04	DEC08					
1994	2	\$75,000	FEB91	JUN94	2009	1	\$10,300	MAY07	JUN09					
1995	3	\$63,000	JUN94	AUG95	2010	5	\$23,000	DEC08	DEC10					
1996	2	\$59,000	JUN95	JUN96	2011	1	\$29,500	JUN09	DEC11					
1997	1	\$50,000	AUG95	JUN97	2012	1	\$30,500	AUG10	MAY12					
1998	2	\$51,000	JUN96	JUL98	2013	4	\$31,600	APR13	MAY13					
1999	0	\$51,000	JUN96	JUL98	2014	1	\$30,900	APR13	JAN14					
2000	4	\$60,500	MAR00	JUL00	2015	0	\$30,900	APR13	JAN14					
2001	2	\$60,300	JUL00	MAY01	2016	0	\$30,900	APR13	JAN14					
2002	3	\$59,200	MAY01	NOV02	2017	0	\$30,900	APR13	JAN14					
2003	1	\$59,900	MAY01	JUN03	Prince William Sound Roe Herring Gillnet									
2004	3	\$62,800	JUN03	NOV04	1982	3	**							
2005	2	\$62,700	MAY04	OCT05	1983	4	\$17,000							
2006	1	\$61,500	JUN04	JAN06	1984	4	\$24,000							
2007	0	\$61,500	JUN04	JAN06	1985	3	\$29,667							
2008	1	\$59,500	NOV04	JUN08	1986	4	\$30,500							
2009	1	\$59,500	OCT05	FEB09	1987	0	\$31,667	FEB86	DEC86					
2010	4	\$59,800	JAN06	APR10	1988	2	\$56,667	DEC86	APR88					
2011	0	\$59,800	JAN06	APR10	1989	3	\$92,667	JAN89	FEB89					
2012	1	\$61,000	JUN08	MAY12	1990	0	\$92,667	JAN89	FEB89					
2013	2	\$119,300	APR10	OCT13	1991	2	\$86,900	FEB89	APR91					
2014	1	\$190,800	MAY12	MAY14	1992	1	\$86,900	FEB89	DEC92					
2015	0	\$190,800	MAY12	MAY14	1993	2	\$83,700	APR91	MAY93					
2016	0	\$190,800	MAY12	MAY14	1994	0	\$83,700	APR91	MAY93					
2017	0	\$190,800	MAY12	MAY14	1995	2	\$64,300	MAR93	DEC95					
Prince William Sound Roe Herring Purse Seine														
1982	7	\$71,250			1996	0	\$64,300	MAR93	DEC95					
1983	1	*			1997	3	\$69,400	DEC95	APR97					
1984	7	*			1998	0	\$69,400	DEC95	APR97					
					1999	0	\$69,400	DEC95	APR97					
					2000	0	\$69,400	DEC95	APR97					
					2001	0	\$69,400	DEC95	APR97					

Table 11. Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End
Prince William Sound Roe Herring Gillnet continued									
2002	0	\$69,400	DEC95	APR97	2001	1	**		
2003	0	\$69,400	DEC95	APR97	2004	1	**		
2004	0	\$69,400	DEC95	APR97	2007	1	**		
2005	0	\$69,400	DEC95	APR97	2008	1	\$53,000	APR01	APR08
2006	0	\$69,400	DEC95	APR97	2009	0	\$53,000	APR01	APR08
2007	0	\$69,400	DEC95	APR97	2010	0	\$53,000	APR01	APR08
2008	0	\$69,400	DEC95	APR97	2011	0	\$53,000	APR01	APR08
2009	0	\$69,400	DEC95	APR97	2012	0	\$53,000	APR01	APR08
2010	0	\$69,400	DEC95	APR97	2013	0	\$53,000	APR01	APR08
2011	0	\$69,400	DEC95	APR97	2014	0	\$53,000	APR01	APR08
2012	0	\$69,400	DEC95	APR97	2015	0	\$53,000	APR01	APR08
2013	0	\$69,400	DEC95	APR97	2016	0	\$53,000	APR01	APR08
2014	0	\$69,400	DEC95	APR97	2017	0	\$53,000	APR01	APR08
2015	0	\$69,400	DEC95	APR97					
2016	0	\$69,400	DEC95	APR97					
2017	0	\$69,400	DEC95	APR97					
Prince William Sound Herring Spawn on Kelp Pound									
1988	33	\$25,084	FEB88	DEC88	1998	1	**		
1989	13	\$47,884	JAN89	JUN89	1999	1	**		
1990	2	\$51,833	JUN89	OCT90	2000	2	\$24,500	JUN98	APR00
1991	12	\$61,400	JAN91	NOV91	2001	3	\$32,400	APR00	APR01
1992	6	\$57,800	JAN92	MAR92	2002	3	\$23,600	APR01	JUN02
1993	8	\$40,700	JAN93	APR93	2003	2	\$24,000	APR02	SEP03
1994	5	\$30,300	MAR94	APR94	2004	5	\$36,600	FEB04	JUL04
1995	2	\$22,000	APR94	NOV95	2005	6	\$31,800	FEB05	AUG05
1996	19	\$23,700	JAN96	DEC96	2006	2	\$33,800	JUL05	APR06
1997	7	\$31,600	JAN97	AUG97	2007	4	\$33,100	APR07	AUG07
1998	0	\$28,500	MAR97	AUG97	2008	1	\$35,500	JUN07	DEC08
1999	0	\$28,500	MAR97	AUG97	2009	1	\$35,500	JUL07	MAR09
2000	1	\$24,000	APR97	NOV00	2010	1	\$37,900	AUG07	MAR10
2001	0	\$24,000	APR97	NOV00	2011	3	\$50,300	MAR10	MAY11
2002	0	\$24,000	APR97	NOV00	2012	1	\$50,300	MAR10	MAY11
2003	0	\$24,000	APR97	NOV00	2013	1	\$55,800	MAR11	JAN13
2004	0	\$24,000	APR97	NOV00	2014	1	\$55,800	MAR11	JAN13
2005	0	\$24,000	APR97	NOV00	2015	1	\$55,800	MAR11	JAN13
2006	3	\$14,600	AUG97	APR06	2016	1	\$45,800	MAR11	JAN16
2007	0	\$14,600	AUG97	APR06	2017	1	\$45,800	MAR11	JAN16
2008	0	\$6,600	NOV00	JUL08					
2009	1	\$4,000	MAR06	JUN09					
2010	2	\$2,900	JUL08	APR10					
2011	1	\$3,100	JUN09	MAY11					
2012	3	\$3,800	MAY11	DEC12					
2013	1	\$3,500	FEB12	AUG13					
2014	2	\$3,500	FEB12	AUG13					
2015	1	\$3,500	FEB12	AUG13					
2016	0	\$3,500	FEB12	AUG13					
2017	0	\$3,500	FEB12	AUG13					
PWS Sablefish Fixed Gear Vessel Length up to 90 Ft									
2003	1	**			1999	1	**		
2017	1	**			2000	3	\$16,500	JUN99	DEC00
					2001	3	\$21,300	DEC00	AUG01
					2002	1	\$21,300	DEC00	AUG01
					2003	3	\$22,300	AUG01	JUL03
					2004	1	\$24,800	APR03	SEP04
					2005	1	\$25,700	APR03	JAN05
					2006	0	\$25,700	APR03	JAN05
					2007	0	\$25,700	APR03	JAN05
					2008	1	\$28,500	JUL03	JUL08
					2009	1	\$31,500	SEP04	APR09
					2010	0	\$31,500	SEP04	APR09
					2011	1	\$34,000	JAN05	MAR11
					2012	3	\$61,900	MAR11	JUN12
					2013	0	\$61,900	MAR11	JUN12
					2014	1	\$61,900	FEB12	APR14
					2015	0	\$61,900	FEB12	APR14
					2016	1	\$36,300	MAR12	JAN16
					2017	2	\$17,100	APR14	JUN17

Table 11: Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End
Cook Inlet Salmon Purse Seine				
1982	5	\$84,267		
1983	8	\$90,000		
1984	1	*		
1985	4	\$58,375		
1986	5	\$60,000		
1987	11	\$60,455	JAN87	DEC87
1988	9	\$66,089	MAY88	NOV88
1989	3	\$90,000	JAN89	FEB89
1990	4	\$186,667	FEB90	JUN90
1991	2	\$163,000	MAR90	JUN91
1992	1	\$134,500	JUN90	MAY92
1993	0	\$134,500	JUN90	MAY92
1994	0	\$134,500	JUN90	MAY92
1995	1	\$90,800	MAR91	MAY95
1996	4	\$37,400	JAN96	JUN96
1997	2	\$32,000	APR96	DEC97
1998	2	\$24,100	JUN96	APR98
1999	2	\$17,200	DEC97	MAY99
2000	1	\$15,800	APR98	MAR00
2001	0	\$15,800	APR98	MAR00
2002	2	\$11,500	MAY99	JUN02
2003	1	\$10,800	MAR00	JUN03
2004	3	\$9,600	JUN03	NOV04
2005	7	\$11,600	FEB05	NOV05
2006	1	\$12,700	MAY05	JUN06
2007	4	\$14,100	FEB07	SEP07
2008	5	\$15,300	APR08	SEP08
2009	3	\$16,900	AUG08	NOV09
2010	1	\$18,800	SEP08	NOV10
2011	8	\$31,300	JAN11	NOV11
2012	3	\$54,400	NOV11	JUN12
2013	4	\$71,000	JAN13	DEC13
2014	4	\$86,000	DEC13	DEC14
2015	1	\$84,800	MAR14	OCT15
2016	2	\$68,300	DEC14	AUG16
2017	2	\$59,500	OCT15	NOV17
Cook Inlet Salmon Drift Gillnet				
1982	38	\$58,176		
1983	53	\$69,919		
1984	35	\$67,962		
1985	39	\$62,605		
1986	51	\$64,962		
1987	27	\$86,944	JAN87	DEC87
1988	28	\$138,725	JAN88	NOV88
1989	35	\$176,844	JAN89	DEC89
1990	24	\$202,058	JAN90	DEC90
1991	29	\$177,500	JAN91	DEC91
1992	32	\$88,800	JAN92	DEC92
1993	21	\$89,800	JAN93	DEC93
1994	25	\$65,000	JAN94	DEC94
1995	32	\$85,500	JAN95	DEC95
1996	30	\$75,100	JAN96	DEC96
1997	34	\$75,800	JAN97	DEC97
1998	26	\$42,000	JAN98	DEC98

Year	Number	Permit Value	Begin	End
Cook Inlet Salmon Drift Gillnet continued				
1999	23	\$25,200	FEB99	SEP99
2000	32	\$32,300	FEB00	NOV00
2001	16	\$22,300	JAN01	DEC01
2002	14	\$11,700	APR02	NOV02
2003	22	\$15,700	JAN03	JUL03
2004	45	\$20,300	JAN04	DEC04
2005	28	\$39,300	JAN05	DEC05
2006	23	\$28,800	MAR06	NOV06
2007	24	\$29,200	FEB07	DEC07
2008	25	\$35,200	FEB08	DEC08
2009	23	\$27,600	JAN09	DEC09
2010	39	\$31,700	JAN10	DEC10
2011	42	\$51,700	JAN11	DEC11
2012	40	\$76,400	JAN12	NOV12
2013	37	\$83,100	JAN13	DEC13
2014	25	\$74,400	MAR14	DEC14
2015	24	\$63,500	JAN15	DEC15
2016	16	\$52,500	JAN16	DEC16
2017	22	\$42,400	JAN17	DEC17
Cook Inlet Salmon Set Gillnet				
1982	44	\$17,200		
1983	58	\$18,340		
1984	45	\$17,881		
1985	54	\$16,312		
1986	62	\$18,191		
1987	69	\$26,837	JAN87	DEC87
1988	47	\$43,766	JAN88	OCT88
1989	52	\$61,511	JAN89	DEC89
1990	42	\$98,514	JAN90	NOV90
1991	22	\$71,900	FEB91	DEC91
1992	26	\$43,000	FEB92	DEC92
1993	35	\$35,500	JAN93	JUL93
1994	22	\$28,400	JAN94	DEC94
1995	26	\$30,300	JAN95	DEC95
1996	17	\$37,100	MAR96	SEP96
1997	32	\$24,700	JAN97	DEC97
1998	21	\$20,600	JAN98	NOV98
1999	27	\$13,200	JAN99	OCT99
2000	19	\$12,200	APR00	OCT00
2001	18	\$10,600	MAR01	DEC01
2002	12	\$8,000	MAR02	JUL02
2003	12	\$8,600	FEB03	OCT03
2004	27	\$7,600	JAN04	DEC04
2005	42	\$10,000	JAN05	DEC05
2006	25	\$12,500	JAN06	SEP06
2007	33	\$14,000	JAN07	DEC07
2008	40	\$13,800	JAN08	NOV08
2009	21	\$12,900	FEB09	DEC09
2010	26	\$12,600	JAN10	NOV10
2011	35	\$14,500	JAN11	DEC11
2012	23	\$16,300	JAN12	DEC12
2013	16	\$14,100	FEB13	DEC13
2014	20	\$14,800	APR14	DEC14
2015	13	\$15,300	DEC14	DEC15

Table 11. Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End						
Cook Inlet Salmon Set Gillnet continued															
2016	14	\$15,300	FEB16	NOV16	1982	29	\$39,817								
2017	23	\$15,600	JAN17	OCT17	1983	28	*								
Cook Inlet Herring Purse Seine															
1982	1	*			1984	18	*								
1983	1	*			1985	23	\$46,337								
1984	1	*			1986	27	\$37,036								
1985	10	\$16,700			1987	40	\$43,385	JAN87	DEC87						
1986	13	\$31,058			1988	35	\$66,734	JAN88	NOV88						
1987	12	\$111,364	JAN87	NOV87	1989	23	\$139,289	JAN89	NOV89						
1988	4	\$206,250	JAN88	JUN88	1990	17	\$148,563	JAN90	DEC90						
1989	4	\$241,667	JAN89	APR89	1991	15	\$122,800	MAR91	JUN91						
1990	1	\$228,333	MAR89	MAR90	1992	20	\$69,900	JAN92	NOV92						
1991	3	\$153,000	APR89	NOV91	1993	17	\$60,900	JAN93	DEC93						
1992	4	\$80,600	JAN92	NOV92	1994	25	\$45,000	JAN94	DEC94						
1993	0	\$80,600	JAN92	NOV92	1995	24	\$50,400	JAN95	SEP95						
1994	4	\$67,000	FEB94	NOV94	1996	12	\$46,900	MAR96	OCT96						
1995	9	\$74,600	JAN95	DEC95	1997	14	\$41,700	JAN97	DEC97						
1996	6	\$104,800	JAN96	NOV96	1998	11	\$33,000	FEB98	DEC98						
1997	3	\$108,000	NOV96	SEP97	1999	21	\$29,800	JAN99	DEC99						
1998	1	\$108,000	NOV96	SEP97	2000	21	\$20,400	FEB00	DEC00						
1999	2	\$55,000	MAR97	FEB99	2001	4	\$17,100	DEC00	MAY01						
2000	5	\$24,400	JAN00	NOV00	2002	7	\$9,900	MAR02	NOV02						
2001	0	\$23,000	MAR00	NOV00	2003	7	\$8,600	JAN03	DEC03						
2002	0	\$23,000	MAR00	NOV00	2004	12	\$10,200	JAN04	DEC04						
2003	0	\$23,000	MAR00	NOV00	2005	20	\$14,300	JAN05	NOV05						
2004	0	\$23,000	MAR00	NOV00	2006	17	\$18,000	FEB06	NOV06						
2005	0	\$23,000	MAR00	NOV00	2007	16	\$21,300	FEB07	NOV07						
2006	1	\$17,300	MAY00	OCT06	2008	19	\$24,200	JAN08	DEC08						
2007	2	\$9,800	NOV00	NOV07	2009	18	\$26,000	JAN09	DEC09						
2008	2	\$6,300	MAR07	SEP08	2010	14	\$27,700	JAN10	NOV10						
2009	2	\$9,300	APR08	DEC09	2011	23	\$44,000	JAN11	NOV11						
2010	0	\$9,300	APR08	DEC09	2012	12	\$41,700	FEB12	OCT12						
2011	0	\$9,300	APR08	DEC09	2013	19	\$40,600	JAN13	DEC13						
2012	2	\$13,000	SEP08	NOV12	2014	19	\$50,600	JAN14	OCT14						
2013	1	\$16,800	AUG09	APR13	2015	7	\$40,000	JAN15	JUN15						
2014	0	\$16,800	AUG09	APR13	2016	4	\$38,300	MAY15	JUN16						
2015	0	\$16,800	AUG09	APR13	2017	16	\$27,200	JAN17	NOV17						
Cook Inlet Dungeness Crab Pot Gear															
1997	1	**			Kodiak Salmon Beach Seine										
2003	1	**			1982	2	*								
2008	7	\$4,900	JAN08	DEC08	1983	3	\$50,000								
2009	2	\$5,000	DEC08	APR09	1984	2	*								
2010	0	\$5,000	DEC08	APR09	1985	4	*								
2011	1	\$5,100	DEC08	OCT11	1986	2	*								
2012	0	\$5,100	DEC08	OCT11	1987	5	\$25,096	FEB87	JUL87						
2013	0	\$5,100	DEC08	OCT11	1988	5	\$28,400	APR88	JUL88						
2014	0	\$5,100	DEC08	OCT11	1989	6	\$34,833	JAN89	JUL89						
2015	0	\$5,100	DEC08	OCT11	1990	3	\$46,000	MAY90	JUL90						
2016	0	\$5,100	DEC08	OCT11	1991	2	\$41,000	JUN90	MAR91						
2017	2	\$4,800	APR09	OCT17	1992	2	\$39,000	JUL90	NOV92						
					1993	0	\$39,000	JUL90	NOV92						
					1994	2	\$20,300	MAR91	AUG94						
					1995	1	\$18,000	NOV92	JUN95						
					1996	2	\$16,400	APR94	MAY96						
					1997	0	\$16,400	APR94	MAY96						
					1998	0	\$16,400	APR94	MAY96						

Table 11: Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End					
Kodiak Salmon Beach Seine continued														
1999	1	\$16,400	APR94	MAY96	2016	1	\$77,500	FEB14	DEC14					
2000	0	\$16,400	APR94	MAY96	2017	2	\$77,500	FEB14	DEC14					
2001	0	\$16,400	APR94	MAY96	Kodiak Salmon Set Gillnet continued									
2002	0	\$16,400	APR94	MAY96	1984	0	**							
2003	0	\$16,400	APR94	MAY96	1985	4	\$36,000							
2004	0	\$16,400	APR94	MAY96	1986	7	\$21,333							
2005	1	\$14,100	AUG94	OCT05	1987	9	\$22,611	JAN87	DEC87					
2006	1	\$10,500	JUN95	MAY06	1988	2	\$23,833	DEC87	APR88					
2007	1	\$6,100	MAY96	JUN07	1989	3	\$54,000	MAR89	DEC89					
2008	1	\$3,500	OCT05	APR08	1990	5	\$70,500	JAN90	JUL90					
2009	1	\$3,500	MAY06	OCT09	1991	4	\$69,400	MAY90	OCT91					
2010	0	\$3,500	MAY06	OCT09	1992	10	\$50,700	MAR92	NOV92					
2011	5	\$7,000	JAN11	MAY11	1993	3	\$63,500	NOV92	AUG93					
2012	1	\$7,500	FEB11	JUN12	1994	10	\$66,700	JAN94	DEC94					
2013	1	\$6,800	FEB11	SEP13	1995	6	\$88,000	FEB95	DEC95					
2014	2	\$4,500	JUN12	MAR14	1996	4	\$103,000	JAN96	APR96					
2015	1	\$4,500	JUN12	MAR14	1997	2	\$99,400	APR96	APR97					
2016	1	\$4,900	SEP13	SEP16	1998	1	\$92,800	APR96	MAR98					
2017	0	\$4,900	SEP13	SEP16	1999	2	\$57,000	APR97	NOV99					
Kodiak Salmon Set Gillnet														
1982	12	\$42,800			2000	1	\$57,000	APR97	NOV99					
1983	6	\$76,525			2001	0	\$57,000	APR97	NOV99					
1984	11	\$57,200			2002	1	\$36,100	MAR98	MAY02					
1985	8	\$56,357			2003	1	\$25,600	MAR99	APR03					
1986	20	\$61,792			2004	3	\$15,000	APR03	DEC04					
1987	8	\$60,122	JAN87	JUN87	2005	2	\$17,400	APR04	JUN05					
1988	4	\$78,942	MAY88	DEC88	2006	1	\$20,300	DEC04	MAR06					
1989	6	\$88,063	JAN89	JUN89	2007	1	\$20,300	APR05	JAN07					
1990	6	\$107,500	MAY90	AUG90	2008	2	\$14,800	MAR06	MAY08					
1991	3	\$106,300	JUL90	JUN91	2009	7	\$18,300	JAN09	AUG09					
1992	9	\$109,700	FEB92	AUG92	2010	4	\$21,300	FEB10	JUL10					
1993	8	\$111,900	MAR93	DEC93	2011	0	\$21,300	FEB10	JUL10					
1994	5	\$98,000	MAY94	DEC94	2012	4	\$21,300	APR12	DEC12					
1995	5	\$92,600	JAN95	JUN95	2013	2	\$26,800	SEP12	DEC13					
1996	7	\$96,600	APR96	JUN96	2014	1	\$30,300	DEC12	JUN14					
1997	6	\$103,000	APR97	NOV97	2015	0	\$30,300	DEC12	JUN14					
1998	9	\$87,000	APR98	JUN98	2016	0	\$30,300	DEC12	JUN14					
1999	10	\$91,700	MAR99	JUN99	2017	0	\$30,300	DEC12	JUN14					
2000	7	\$107,800	JAN00	NOV00	Kodiak Roe Herring Gillnet									
2001	1	\$101,800	JUN00	JUN01	1984	1	**							
2002	6	\$56,800	MAY02	DEC02	1985	10	*							
2003	5	\$39,500	JAN03	JUL03	1986	10	\$15,550							
2004	6	\$44,400	MAR04	DEC04	1987	6	\$15,250	JAN87	APR87					
2005	5	\$37,800	MAR05	OCT05	1988	18	\$16,511	MAR88	DEC88					
2006	8	\$45,400	MAR06	DEC06	1989	12	\$22,813	JAN89	DEC89					
2007	5	\$46,900	DEC06	MAY07	1990	8	\$29,000	FEB90	DEC90					
2008	10	\$59,600	MAR08	OCT08	1991	8	\$31,100	JAN91	NOV91					
2009	6	\$60,400	JAN09	OCT09	1992	7	\$28,700	MAR92	MAY92					
2010	7	\$70,700	FEB10	NOV10	1993	4	\$26,000	MAR93	MAY93					
2011	7	\$74,700	MAY11	DEC11	1994	7	\$25,400	FEB94	OCT94					
2012	7	\$77,200	FEB12	MAY12	1995	10	\$25,100	JAN95	NOV95					
2013	5	\$80,000	MAY12	NOV13	1996	16	\$27,700	JAN96	DEC96					
2014	4	\$77,500	FEB14	DEC14	1997	6	\$27,000	JAN97	APR97					
2015	2	\$77,500	FEB14	DEC14	1998	1	\$21,100	APR97	APR98					

Table 11. Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End					
Kodiak Roe Herring Gillnet continued														
1999	0	\$21,100	APR97	APR98	2015	0	\$29,700	JAN12	JUL14					
2000	0	\$21,100	APR97	APR98	2016	0	\$29,700	JAN12	JUL14					
2001	0	\$21,100	APR97	APR98	2017	4	\$22,300	SEP17	NOV17					
2002	1	\$18,900	APR97	SEP02	Chignik Salmon Purse Seine									
2003	1	\$17,400	APR97	MAY03	1982	2	*							
2004	1	\$17,400	APR97	MAY03	1983	2	**							
2005	4	\$6,300	APR05	APR05	1984	4	\$322,500							
2006	1	\$6,300	APR05	JAN06	1985	3	\$321,233							
2007	1	\$6,000	APR05	JUL07	1986	2	*							
2008	3	\$4,800	JAN06	NOV08	1987	0	\$315,667	MAY85	NOV86					
2009	2	\$4,300	JUL07	DEC09	1988	1	\$360,000	NOV86	MAY88					
2010	5	\$4,000	DEC09	MAR10	1989	2	\$371,667	MAY88	JUN89					
2011	1	\$3,800	JAN10	JAN11	1990	2	\$416,667	JUN89	JUL90					
2012	0	\$3,800	JAN10	JAN11	1991	2	\$409,400	JUN90	JUN91					
2013	7	\$5,000	JAN13	DEC13	1992	2	\$403,100	APR91	APR92					
2014	2	\$5,000	APR13	JAN14	1993	2	\$349,800	APR92	JUN93					
2015	0	\$5,000	APR13	JAN14	1994	3	\$238,300	JUN93	DEC94					
2016	0	\$5,000	APR13	JAN14	1995	6	\$228,300	MAY95	NOV95					
2017	0	\$5,000	APR13	JAN14	1996	4	\$194,500	APR96	DEC96					
Kodiak Her Fd/Bt Purse Seine Vessel Length up to 60ft														
2006	1	**			1997	6	\$188,300	JAN97	MAY97					
2010	1	**			1998	0	\$185,500	APR97	MAY97					
2013	2	\$81,300	AUG06	AUG13	1999	4	\$158,800	APR99	AUG99					
2014	0	\$81,300	AUG06	AUG13	2000	3	\$200,000	AUG99	APR00					
2015	0	\$81,300	AUG06	AUG13	2001	1	\$185,800	MAR00	MAY01					
2016	0	\$81,300	AUG06	AUG13	2002	1	\$186,600	MAR00	APR02					
2017	0	\$81,300	AUG06	AUG13	2003	4	\$179,500	FEB03	OCT03					
Kodiak Tnr Bairdi Pot Gear Vessel Length up to 120ft														
2005	1	**			2004	1	\$182,000	JUN03	OCT04					
2006	2	**			2005	5	\$159,600	FEB05	DEC05					
2007	1	\$71,800	NOV05	JAN07	2006	3	\$146,500	DEC05	MAY06					
2008	0	\$71,800	NOV05	JAN07	2007	2	\$131,500	FEB06	JUN07					
2009	0	\$71,800	NOV05	JAN07	2008	3	\$91,300	JUN07	AUG08					
2010	2	\$72,800	SEP06	DEC10	2009	4	\$70,800	APR09	AUG09					
2011	0	\$72,800	SEP06	DEC10	2010	8	\$78,400	MAY10	SEP10					
2012	0	\$72,800	SEP06	DEC10	2011	5	\$95,100	JAN11	JUN11					
2013	0	\$72,800	SEP06	DEC10	2012	2	\$97,600	APR11	JUN12					
2014	1	\$72,800	SEP06	DEC10	2013	4	\$186,300	APR13	AUG13					
2015	1	\$63,800	JAN07	APR15	2014	5	\$211,300	APR14	JUN14					
2016	0	\$63,800	JAN07	APR15	2015	1	\$227,500	APR14	FEB15					
2017	1	\$59,300	NOV10	NOV17	2016	3	\$167,200	FEB15	JUN16					
Kodiak Tnr Bairdi Pot Gear Vessel Length up to 60ft														
2005	11	\$33,600	JAN05	DEC05	2017	1	\$167,200	FEB15	JUN16					
2006	7	\$33,700	JAN06	AUG06	AK Peninsula Aleutian Islands Salmon Purse Seine									
2007	1	\$30,000	JUN06	MAR07	1982	2	*							
2008	2	\$27,000	AUG06	OCT08	1983	6	*							
2009	4	\$23,500	MAR09	DEC09	1984	3	\$243,333							
2010	10	\$27,100	JAN10	DEC10	1985	0	*							
2011	8	\$30,500	JAN11	NOV11	1986	4	\$236,250							
2012	4	\$30,500	JAN12	NOV12	1987	4	\$176,667	MAR87	NOV87					
2013	0	\$30,500	JAN12	NOV12	1988	4	\$182,833	MAY88	DEC88					
2014	1	\$29,700	JAN12	JUL14	1989	2	\$214,500	SEP88	DEC89					

Table 11: Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End
AK Pen Aleutian Islands Salmon Purse Seine cont.				
1994	3	\$193,400	MAR93	NOV94
1995	1	\$182,800	MAR94	MAY95
1996	2	\$166,000	NOV94	JUN96
1997	0	\$166,000	NOV94	JUN96
1998	1	\$166,000	NOV94	JUN96
1999	3	\$74,300	JUN96	JUN99
2000	4	\$48,800	MAY00	SEP00
2001	3	\$48,800	SEP00	APR01
2002	1	\$39,600	SEP00	JAN02
2003	7	\$14,600	JAN03	OCT03
2004	6	\$17,300	MAY04	OCT04
2005	4	\$24,000	JUN04	APR05
2006	2	\$31,000	APR05	JUL06
2007	5	\$33,200	MAR07	DEC07
2008	18	\$53,900	JAN08	DEC08
2009	5	\$73,800	JAN09	JUN09
2010	7	\$62,900	FEB10	DEC10
2011	6	\$55,800	APR11	OCT11
2012	7	\$65,500	FEB12	DEC12
2013	1	\$67,800	OCT12	AUG13
2014	7	\$65,900	AUG13	APR14
2015	5	\$56,900	APR14	MAY15
2016	5	\$57,400	MAR16	SEP16
2017	4	\$57,800	JUN17	NOV17
Alaska Peninsula Aleutian Islands Salmon Drift Gillnet				
1982	14	\$128,833		
1983	10	\$157,700		
1984	7	\$186,429		
1985	15	\$175,176		
1986	13	\$197,000		
1987	7	\$215,429	FEB87	DEC87
1988	2	\$235,000	DEC87	APR88
1989	5	\$344,000	JAN89	DEC89
1990	11	\$355,962	JAN90	DEC90
1991	7	\$357,000	FEB91	DEC91
1992	7	\$319,300	JAN92	JUN92
1993	9	\$389,900	JAN93	DEC93
1994	4	\$329,800	JAN94	DEC94
1995	6	\$305,200	MAR95	DEC95
1996	9	\$309,400	JAN96	OCT96
1997	3	\$285,000	OCT96	OCT97
1998	1	\$228,800	MAY97	JUN98
1999	6	\$154,400	MAR99	DEC99
2000	3	\$146,400	DEC99	APR00
2001	3	\$123,000	MAR00	JUN01
2002	8	\$24,800	APR02	DEC02
2003	13	\$23,100	FEB03	DEC03
2004	7	\$28,000	MAR04	NOV04
2005	19	\$47,400	FEB05	DEC05
2006	9	\$73,100	FEB06	MAY06
2007	9	\$74,700	JAN07	OCT07
2008	7	\$97,900	JAN08	NOV08
2009	7	\$98,000	JAN09	DEC09
2010	14	\$108,100	JAN10	AUG10

Year	Number	Permit Value	Begin	End
AK Pen. Aleutian Islands Salmon Drift Gillnet cont.				
2011	8	\$127,800	JAN11	MAY11
2012	4	\$112,400	MAY11	DEC12
2013	12	\$81,800	JAN13	DEC13
2014	10	\$98,000	FEB14	JUL14
2015	3	\$119,500	MAY14	JAN15
2016	7	\$103,900	JAN16	JUN16
2017	8	\$122,000	JAN17	NOV17
Alaska Peninsula Aleutian Islands Salmon Set Gillnet				
1982	11	\$45,100		
1983	13	\$55,420		
1984	9	\$50,374		
1985	7	\$50,313		
1986	7	\$56,357		
1987	10	\$62,063	JAN87	NOV87
1988	4	\$85,542	FEB88	DEC88
1989	2	\$79,156	FEB88	APR89
1990	3	\$121,667	JUN90	JUN90
1991	4	\$130,000	JUN90	MAY91
1992	7	\$101,400	APR92	JUN92
1993	10	\$129,400	JAN93	OCT93
1994	4	\$107,900	OCT93	MAY94
1995	12	\$109,300	MAR95	DEC95
1996	3	\$106,300	AUG95	AUG96
1997	11	\$97,200	JAN97	DEC97
1998	4	\$78,800	FEB98	SEP98
1999	2	\$86,300	JUL98	JUL99
2000	5	\$88,900	MAR00	JUN00
2001	3	\$73,300	APR00	MAY01
2002	4	\$62,600	JAN02	NOV02
2003	4	\$50,500	MAY03	NOV03
2004	5	\$38,100	NOV03	SEP04
2005	9	\$50,500	MAR05	DEC05
2006	5	\$56,800	MAR06	OCT06
2007	2	\$57,400	MAY06	JUN07
2008	5	\$51,300	MAR08	DEC08
2009	1	\$51,300	JUN08	DEC09
2010	6	\$49,600	APR10	NOV10
2011	6	\$54,000	JAN11	DEC11
2012	3	\$55,000	DEC11	JUN12
2013	3	\$55,600	JUN12	JUL13
2014	1	\$55,600	JUN12	JUL13
2015	3	\$55,600	JUL13	DEC15
2016	3	\$56,500	JUN15	NOV16
2017	5	\$56,800	JAN17	NOV17
Bristol Bay Salmon Drift Gillnet				
1982	117	\$95,936		
1983	100	\$98,923		
1984	90	\$116,905		
1985	90	\$117,983		
1986	100	\$124,605		
1987	79	\$130,137	JAN87	DEC87
1988	78	\$173,406	JAN88	DEC88
1989	54	\$248,802	JAN89	DEC89

Table 11. Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End							
Bristol Bay Salmon Drift Gillnet continued																
1990	60	\$216,033	JAN90	DEC90	2007	37	\$24,000	JAN07	DEC07							
1991	62	\$207,800	JAN91	DEC91	2008	36	\$27,400	JAN08	SEP08							
1992	68	\$193,000	JAN92	DEC92	2009	47	\$28,200	JAN09	DEC09							
1993	69	\$199,600	JAN93	DEC93	2010	51	\$28,700	JAN10	DEC10							
1994	79	\$165,700	JAN94	DEC94	2011	43	\$35,900	JAN11	DEC11							
1995	89	\$195,000	JAN95	DEC95	2012	38	\$40,300	JAN12	OCT12							
1996	67	\$171,800	JAN96	DEC96	2013	37	\$39,900	JAN13	NOV13							
1997	67	\$153,800	JAN97	DEC97	2014	30	\$38,600	JAN14	NOV14							
1998	71	\$99,500	JAN98	DEC98	2015	31	\$38,500	JAN15	OCT15							
1999	53	\$89,700	JAN99	DEC99	2016	28	\$33,700	MAR16	SEP16							
2000	70	\$80,500	JAN00	DEC00	2017	37	\$38,700	FEB17	OCT17							
2001	82	\$34,700	JAN01	DEC01												
2002	96	\$19,700	JAN02	DEC02	Bristol Bay Herring Spawn on Kelp Hand Pick											
2003	119	\$29,300	JAN03	DEC03	1993	1	**									
2004	86	\$37,000	JAN04	DEC04	1994	4	\$5,400	MAY94	SEP94							
2005	152	\$51,200	JAN05	DEC05	1995	5	\$4,400	MAR95	NOV95							
2006	104	\$75,000	JAN06	DEC06	1996	7	\$4,500	JAN96	OCT96							
2007	154	\$79,400	JAN07	DEC07	1997	4	\$5,000	JAN97	JUL97							
2008	94	\$89,800	JAN08	DEC08	1998	0	\$5,000	JAN97	JUL97							
2009	108	\$78,300	JAN09	DEC09	1999	0	\$5,000	JAN97	JUL97							
2010	132	\$102,100	JAN10	DEC10	2000	3	\$4,400	APR97	OCT00							
2011	98	\$143,900	JAN11	DEC11	2001	0	\$4,400	APR97	OCT00							
2012	90	\$110,800	JAN12	DEC12	2002	0	\$4,400	APR97	OCT00							
2013	96	\$100,400	JAN13	DEC13	2003	0	\$4,400	APR97	OCT00							
2014	85	\$149,500	JAN14	DEC14	2004	0	\$4,400	APR97	OCT00							
2015	71	\$148,200	JAN15	DEC15	2005	0	\$4,400	APR97	OCT00							
2016	95	\$109,300	JAN16	DEC16	2006	0	\$4,400	APR97	OCT00							
2017	102	\$133,300	JAN17	DEC17	2007	0	\$4,400	APR97	OCT00							
Bristol Bay Salmon Set Gillnet																
1982	77	\$37,394			2008	0	\$4,400	APR97	OCT00							
1983	51	\$41,246			2009	0	\$4,400	APR97	OCT00							
1984	47	\$41,533			2010	0	\$4,400	APR97	OCT00							
1985	49	\$35,974			2011	0	\$4,000	APR97	OCT00							
1986	64	\$33,054			2012	0	\$4,000	APR97	OCT00							
1987	66	\$35,254	JAN87	DEC87	2013	0	\$4,000	APR97	OCT00							
1988	51	\$46,508	FEB88	DEC88	2014	0	\$4,000	APR97	OCT00							
1989	39	\$61,125	JAN89	DEC89	2015	0	\$4,000	APR97	OCT00							
1990	36	\$65,179	JAN90	NOV90	2016	0	\$4,000	APR97	OCT00							
1991	43	\$59,500	JAN91	DEC91	2017	0	\$4,000	APR97	OCT00							
1992	47	\$49,800	JAN92	DEC92	Goodnews Bay Herring Roe & Food/Bait Gillnet											
1993	31	\$49,100	JAN93	DEC93	2003	1	**									
1994	34	\$37,800	JAN94	DEC94	2010	1	**									
1995	36	\$42,200	JAN95	NOV95	Kuskokwim Salmon Gillnet											
1996	52	\$41,100	JAN96	DEC96	1982	9	\$9,722									
1997	37	\$39,000	JAN97	DEC97	1983	9	\$10,222									
1998	30	\$30,400	JAN98	DEC98	1984	16	\$9,894									
1999	31	\$31,300	JAN99	OCT99	1985	7	\$10,043									
2000	36	\$32,400	JAN00	OCT00	1986	15	\$10,133									
2001	35	\$25,300	FEB01	DEC01	1987	8	\$9,889	JAN87	NOV87							
2002	32	\$12,100	JAN02	DEC02	1988	18	\$9,669	FEB88	NOV88							
2003	37	\$12,600	JAN03	DEC03	1989	20	\$12,050	JAN89	DEC89							
2004	34	\$14,300	FEB04	DEC04	1990	18	\$12,474	JAN90	DEC90							
2005	49	\$15,100	JAN05	DEC05	1991	12	\$13,400	JAN91	NOV91							
2006	47	\$22,400	FEB06	NOV06	1992	15	\$12,300	JAN92	DEC92							

Table 11: Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End						
Kuskokwim Salmon Gillnet continued															
1993	17	\$13,100	FEB93	DEC93	1982	13	\$18,250								
1994	6	\$12,500	MAR94	NOV94	1983	25	*								
1995	15	\$12,000	JAN95	DEC95	1984	17	\$28,441								
1996	3	\$13,900	NOV95	APR96	1985	12	\$22,917								
1997	7	\$10,000	FEB97	SEP97	1986	11	\$22,455								
1998	4	\$9,000	JUN98	DEC98	1987	12	\$22,295	JAN87	NOV87						
1999	4	\$6,500	DEC98	OCT99	1988	13	\$20,669	JAN88	DEC88						
2000	2	\$6,500	AUG99	AUG00	1989	11	\$25,527	FEB89	NOV89						
2001	2	\$7,000	APR00	NOV01	1990	9	\$26,625	JAN90	DEC90						
2002	1	\$7,000	APR00	NOV01	1991	12	\$24,900	JAN91	NOV91						
2003	1	\$5,500	AUG00	SEP03	1992	10	\$29,300	APR92	DEC92						
2004	1	\$5,900	JUN01	NOV04	1993	8	\$31,400	APR93	NOV93						
2005	4	\$5,800	JUN05	NOV05	1994	7	\$24,500	MAR94	NOV94						
2006	4	\$7,000	FEB06	DEC06	1995	10	\$23,000	JAN95	OCT95						
2007	3	\$7,500	OCT06	JUN07	1996	11	\$20,500	MAR96	NOV96						
2008	9	\$5,900	JAN08	NOV08	1997	9	\$17,500	JAN97	DEC97						
2009	5	\$5,800	JAN09	OCT09	1998	13	\$16,000	JAN98	SEP98						
2010	15	\$6,300	MAR10	NOV10	1999	12	\$12,200	JAN99	SEP99						
2011	8	\$6,900	JUL11	DEC11	2000	13	\$12,100	FEB00	DEC00						
2012	5	\$7,100	APR12	OCT12	2001	2	\$11,500	DEC00	MAY01						
2013	9	\$8,700	FEB13	JUN13	2002	2	\$12,700	FEB01	OCT02						
2014	10	\$8,300	MAY14	DEC14	2003	5	\$11,000	OCT02	JUN03						
2015	3	\$7,300	DEC14	MAR15	2004	15	\$8,400	JAN04	NOV04						
2016	1	\$7,300	DEC14	MAR15	2005	10	\$8,400	MAR05	DEC05						
2017	0	\$7,300	DEC14	MAR15	2006	15	\$9,100	FEB06	OCT06						
Nelson Island Herring Roe & Food/Bait Gillnet															
1995	2	**			2007	10	\$9,900	JAN07	OCT07						
1996	3	\$8,600	SEP95	DEC96	2008	9	\$8,800	MAR08	DEC08						
1997	1	\$8,600	JAN96	MAY97	2009	4	\$9,100	JAN09	AUG09						
1998	0	\$8,600	JAN96	MAY97	2010	1	\$9,100	JUN09	SEP10						
1999	0	\$8,600	JAN96	MAY97	2011	8	\$9,000	JAN11	DEC11						
2000	1	\$8,600	AUG96	APR00	2012	13	\$9,400	FEB12	NOV12						
2001	0	\$8,600	AUG96	APR00	2013	8	\$11,200	JAN13	OCT13						
2002	1	\$7,400	DEC96	JUN02	2014	10	\$8,600	APR14	OCT14						
2003	0	\$7,400	DEC96	JUN02	2015	7	\$9,900	MAR15	DEC15						
2004	0	\$7,400	DEC96	JUN02	2016	11	\$9,800	JAN16	DEC16						
2005	0	\$7,400	DEC96	JUN02	2017	18	\$9,700	JAN17	NOV17						
2006	0	\$7,400	DEC96	JUN02	Lower Yukon Herring Gillnet										
2007	0	\$7,400	DEC96	JUN02	2005	1	**								
2008	0	\$7,400	DEC96	JUN02	Upper Yukon Salmon Gillnet										
2009	0	\$7,400	DEC96	JUN02	1982	6	\$8,366								
2010	0	\$7,400	DEC96	JUN02	1983	6	*								
2011	0	\$7,400	DEC96	JUN02	1984	1	*								
2012	0	\$7,400	DEC96	JUN02	1985	2	*								
2013	0	\$7,400	DEC96	JUN02	1986	3	\$7,667								
2014	0	\$7,400	DEC96	JUN02	1987	2	\$9,167	JUN87	AUG87						
2015	0	\$7,400	DEC96	JUN02	1988	3	\$8,733	JUN88	OCT88						
2016	0	\$7,400	DEC96	JUN02	1989	4	\$9,875	JAN89	JUN89						
2017	0	\$7,400	DEC96	JUN02	1990	4	\$11,250	FEB90	JUL90						
Nunivak Island Herring Gillnet															
1996	1	**			1991	1	\$11,300	MAR90	AUG91						
2000	1	**			1992	0	\$11,300	MAR90	AUG91						
					1993	1	\$10,000	MAY90	JAN93						
					1994	0	\$10,000	MAY90	JAN93						
					1995	0	\$10,000	MAY90	JAN93						

Table 11. Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End					
Upper Yukon Salmon Gillnet continued														
1996	1	\$9,300	JUL90	JUN96	2013	2	\$4,000	SEP09	JUN13					
1997	0	\$9,300	JUL90	JUN96	2014	2	\$3,900	JUN12	APR14					
1998	0	\$9,300	JUL90	JUN96	2015	1	\$4,100	APR13	MAY15					
1999	1	\$7,500	AUG91	JUL99	2016	0	\$4,100	APR13	MAY15					
2000	0	\$7,500	AUG91	JUL99	2017	0	\$4,100	APR13	MAY15					
2001	0	\$7,500	AUG91	JUL99	Norton Sound Salmon Gillnet									
2002	0	\$7,500	AUG91	JUL99	1982	11	\$10,100							
2003	0	\$7,500	AUG91	JUL99	1983	8	*							
2004	1	\$6,300	JAN93	DEC04	1984	5	\$13,150							
2005	1	\$5,900	JUN96	APR05	1985	6	\$12,167							
2006	1	\$4,600	JUL99	JUL06	1986	7	\$10,167							
2007	1	\$3,600	DEC04	JUN07	1987	6	\$9,750	FEB87	MAR87					
2008	1	\$3,600	DEC04	JUN07	1988	4	\$10,167	SEP88	DEC88					
2009	0	\$3,600	DEC04	JUN07	1989	7	\$10,083	FEB89	JUN89					
2010	0	\$3,600	DEC04	JUN07	1990	2	\$11,000	JUN89	JUN90					
2011	1	\$3,300	APR05	NOV11	1991	6	\$9,200	APR91	AUG91					
2012	0	\$3,300	APR05	NOV11	1992	2	\$8,800	JUN91	JUL92					
2013	0	\$3,300	APR05	NOV11	1993	2	\$7,000	AUG91	JUL93					
2014	0	\$3,300	APR05	NOV11	1994	4	\$7,800	APR94	OCT94					
2015	0	\$3,300	APR05	NOV11	1995	5	\$7,200	MAR95	OCT95					
2016	0	\$3,300	APR05	NOV11	1996	2	\$6,800	SEP95	JUN96					
2017	0	\$3,300	APR05	NOV11	1997	4	\$5,200	APR97	AUG97					
Upper Yukon Salmon Fish Wheel														
1982	8	\$10,500			1998	3	\$4,900	AUG97	AUG98					
1983	8	*			1999	3	\$4,600	JAN98	JUN99					
1984	6	\$12,333			2000	3	\$4,500	AUG98	DEC00					
1985	3	\$11,667			2001	0	\$4,500	AUG98	DEC00					
1986	3	\$13,500			2002	0	\$4,500	AUG98	DEC00					
1987	10	\$9,089	JAN87	OCT87	2003	1	\$4,400	JUN99	MAR03					
1988	6	\$8,700	APR88	DEC88	2004	0	\$4,400	JUN99	MAR03					
1989	3	\$12,667	DEC88	JUN89	2005	0	\$4,400	JUN99	MAR03					
1990	6	\$11,667	MAR90	JUL90	2006	2	\$4,300	DEC00	JUL06					
1991	7	\$10,800	APR91	NOV91	2007	8	\$4,100	FEB07	DEC07					
1992	5	\$10,900	JUN92	SEP92	2008	9	\$4,600	MAY08	OCT08					
1993	3	\$11,900	AUG92	JUN93	2009	10	\$5,300	MAY09	NOV09					
1994	3	\$7,300	JUN93	AUG94	2010	8	\$5,600	JAN10	NOV10					
1995	1	\$6,900	JAN94	JUN95	2011	10	\$8,100	JAN11	DEC11					
1996	5	\$8,900	JUN96	DEC96	2012	11	\$9,400	FEB12	NOV12					
1997	3	\$8,900	DEC96	APR97	2013	2	\$10,400	JUL12	JUL13					
1998	3	\$8,700	FEB97	SEP98	2014	6	\$10,900	JUN14	SEP14					
1999	2	\$7,700	JUL98	JUN99	2015	2	\$11,100	SEP14	JUN15					
2000	0	\$7,700	JUL98	JUN99	2016	9	\$12,300	FEB16	DEC16					
2001	0	\$7,700	JUL98	JUN99	2017	3	\$12,100	JUN16	DEC16					
2002	2	\$6,900	SEP98	JUL02	Norton Sound Herring Beach Seine									
2003	1	\$6,400	JUN99	JAN03	2000	1	**							
2004	0	\$6,400	JUN99	JAN03	2012	1	**							
2005	0	\$6,400	JUN99	JAN03	Norton Sound Herring Roe & Food/Bait Gillnet									
2006	1	\$5,900	JUN99	JUN06	1990	26	\$29,685	MAR90	DEC90					
2007	1	\$5,900	JUN99	JUN06	1991	27	\$36,000	JAN91	DEC91					
2008	2	\$5,000	JAN03	MAY08	1992	8	\$27,800	FEB92	DEC92					
2009	1	\$4,800	JUN06	SEP09	1993	4	\$22,300	JAN93	JUL93					
2010	0	\$4,800	JUN06	SEP09	1994	8	\$14,000	JAN94	MAY94					
2011	0	\$4,800	JUN06	SEP09	1995	20	\$13,600	JAN95	DEC95					
2012	1	\$4,800	APR08	JUN12										

Table 11: Mean Permit Prices From Survey Data, by Permit Type and Year

Year	Number	Permit Value	Begin	End	Year	Number	Permit Value	Begin	End
Nort Sound Her Roe & Food/Bait Gillnet continued									
1996	49	\$22,000	JAN96	DEC96	1989	3	\$7,667	APR89	AUG89
1997	14	\$19,500	JAN97	DEC97	1990	8	\$8,250	APR90	OCT90
1998	7	\$8,600	MAR98	MAY98	1991	1	\$8,000	JUL90	JUL91
1999	7	\$7,900	APR99	DEC99	1992	4	\$10,500	JUN92	JUL92
2000	4	\$7,400	DEC99	DEC00	1993	2	\$11,000	JUL92	OCT93
2001	9	\$4,600	MAR01	AUG01	1994	1	\$9,800	JUL92	APR94
2002	2	\$2,600	AUG01	DEC02	1995	3	\$4,400	APR94	OCT95
2003	2	\$2,300	JUN02	DEC03	1996	2	\$4,400	APR94	OCT95
2004	4	\$2,900	MAR04	JUL04	1997	0	\$4,400	APR94	OCT95
2005	3	\$1,900	JUL04	OCT05	1998	2	\$4,300	AUG95	JUL98
2006	4	\$1,900	JAN06	DEC06	1999	2	\$3,300	MAY98	SEP99
2007	0	\$1,900	JAN06	DEC06	2000	3	\$2,000	SEP99	OCT00
2008	1	\$1,900	MAR06	JUL08	2001	3	\$2,000	JUL00	JUL01
2009	1	\$1,900	MAR06	JUL08	2002	0	\$2,000	JUL00	JUL01
2010	5	\$1,200	JAN10	AUG10	2003	0	\$2,000	JUL00	JUL01
2011	2	\$1,400	JUN10	MAY11	2004	0	\$2,000	JUL00	JUL01
2012	3	\$1,300	MAY11	AUG12	2005	1	\$2,500	OCT00	OCT05
2013	3	\$1,600	JUL12	MAY13	2006	0	\$2,500	OCT00	OCT05
2014	0	\$1,600	JUL12	MAY13	2007	0	\$2,500	OCT00	OCT05
2015	0	\$1,600	JUL12	MAY13	2008	1	\$2,500	JUL01	NOV08
2016	0	\$1,600	JUL12	MAY13	2009	5	\$4,300	JAN09	JUN09
2017	0	\$1,600	JUL12	MAY13	2010	3	\$2,800	MAY09	SEP10
Kotzebue Salmon Gillnet									
1982	11	\$9,591			2011	6	\$4,100	JUN11	NOV11
1983	12	*			2012	2	\$4,600	JUL11	MAY12
1984	2	*			2013	2	\$4,900	OCT11	SEP13
1985	3	\$10,475			2014	5	\$5,100	MAR14	NOV14
1986	6	\$10,819			2015	2	\$5,400	OCT14	JAN15
1987	5	\$9,500	APR87	NOV87	2016	5	\$5,500	JAN15	AUG16
1988	11	\$8,156	JAN88	DEC88	2017	5	\$9,000	JUN16	JUL17

- * Some permit values prior to 1987 are not calculated
- ** All instances with less than four valid transactions are masked due to reasons of confidentiality.
- Permit sales with insufficient price information are excluded from price estimates.
- Source of permit prices is from the Permit Value Report.
- Begin and End indicate first and last month sale values used to derive permit prices.
- Additional permit price data can be found at http://www.cfec.state.ak.us/mnu_Permit_Values.htm.

Endnotes

¹ By the end of 2017, maximum number regulations had been adopted for 66 fisheries. No permanent entry permits have been issued in the Prince William Sound sablefish pot gear fishery; therefore, the fishery does not appear in this report as permits have only been issued in 65 of the 66 fisheries. In addition, fisheries that were under a vessel limited entry program are not reported herein; the weathervane scallop dredge fishery expired December 30, 2013, and the Bering Sea hair crab fishery is set to expire on December 30, 2018.

There was one permanent non-transferable permit issued in the Cook Inlet Dungeness crab ring net fishery in 1997 (Table 3) which was cancelled in 2003. Consequently, this permit type is not listed in Table 4.

² Although 14,220 transferable permits were initially issued (Table 3), the number of transferable permits remaining at the end of 2017 was 13,377 (Tables 1 and 4). The net reduction of 843 transferable permits is due to the cancellation of 974 transferable permits and the net addition of 131 permits that were converted from non-transferable to transferable status through the CFEC adjudication process.

³ Because a permit may be transferred more than once during a year, the rate of permits transferred to available transferable permits would be slightly less.

⁴ The Alaska Urban Local category is not applicable for several fisheries which have no local urban communities. These fisheries are: Yakutat salmon setnet; Chignik salmon seine; Bristol Bay salmon drift and setnet; Bristol Bay herring spawn on kelp; Lower Yukon salmon and herring gillnet; Prince William Sound salmon seine, drift and setnet; Prince William Sound herring seine, gillnet and spawn on kelp pound; Prince William Sound sablefish; and the Nelson Island, Nunivak Island, and Goodnews Bay herring gillnet fisheries.

^v The calculation of the average age of permit holders is impacted by persons who hold multiple permits. Each permit reflects the age of the permit holder; therefore a person's age may be used more than once in the calculations.

^{vi} For the purposes of this document, the transfer of a permit that occurs as part of an inheritance is categorized as a 'gift'.

^{vii} See *CFEC Changes in the Distribution of Permit Ownership in Alaska's Limited Fisheries, 1975-1981*; February, 1983.