EXECUTIVE SUMMARY

CHANGES IN THE DISTRIBUTION OF ALASKA'S COMMERCIAL FISHERIES ENTRY PERMITS, 1975 to 1999

CFEC Report Number 00-3N-Exec

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ABSTRACT

This report provides detailed information on changes in the distribution of permanent permits in Alaska's limited fisheries. From 1975 through 1999, 67 permit-types were issued in 58 limited fisheries. The report provides both statewide and fishery-specific data on the numbers of permit transfers, the geographic distribution of permit holders, changes due to transfers, changes due to the movement of permit holders, and the year-end 1999 geographic distribution of permit holders.

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

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

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EXECUTIVE SUMMARY

INTRODUCTION

The Alaska State Legislature enacted Alaska's Limited Entry Law (AS 16.43) in 1973. The law established the Commercial Fisheries Entry Commission (CFEC) and gave it the responsibility for administering a program to regulate entry into the state's commercial fisheries.

Limited entry was implemented in most of the state's salmon fisheries in 1974, and by the end of 1999 limited entry permits had been issued in a total of 58 commercial fisheries: 26 salmon fisheries, 17 herring fisheries, 8 crab fisheries, 5 sablefish fisheries, and 2 shrimp fisheries. In some limited fisheries, more than one type of permit was issued; for example, permits sometimes specify different amounts of gear or different vessel lengths that are allowed in a fishery. To date, a total of 67 permit-types have been issued.

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. "initial issuees"). After much study and debate, the legislature finally chose free transferability as the method for allowing 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 the permit holder. It allows fishermen to enter and exit fisheries at times opportune to them, and obviates the need for an expensive and time consuming bureaucratic process to handle permit reallocation. Many other transfer options were considered and

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. court upheld The constitutionality of both the Act and of free transferability and also affirmed the legislative objectives of adopting the transferability The decision was subsequently option. 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 may eventually 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 the economic base. Because of 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 Limited Entry Permits* has been published as two separate documents. This executive summary is designed to publish tables that address the most common questions about limited entry permits and the effects of permit transfers on the geographic distribution of permit holdings. The principal report is

primarily a reference document and includes more detailed fishery-specific and time-series tables on the topics addressed in the executive summary. It also contains special sections with tables that detail transfer information on rural permit holders and permit holders who live locally to fisheries where they hold permits. Both the executive summary and the principal report cover the 58 limited fisheries and 67 permit-types for which permanent permits have been issued from 1975 through 1999.

TRANSFER INCIDENCE

The CFEC issues both transferable and nontransferable permits in the state's limited fisheries; therefore, not all permits are available for transfer. 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 nontransferable permits. From 1975 through 1999, 15,254 permanent limited entry permits were issued in 58 fisheries: 13,331 permits were fully transferable, and 1,923 were nontransferable

Some permits in a given 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 adjudicatory process. In other instances, permits have been issued at a later date as the result of lawsuits brought against the Commission.

Permit Transfers

During the 1975-1999 time span there were 25,197 permanent permit transfers on 13,323 available permits. Original permit holders transferred 9,856 permits, indicating that approximately 74.0% of all transferable permits had changed hands at least once by the

end of 1999. Over the entire period, the average annual number of transfers per number of transferable permits was 9.0% (25,197 total transfers / 280,575 transferable permit-years).

Transfer Rates

Two types of annual transfer rates are shown in Table 1. The first type is the ratio of permits transferred for the first time to the total number of transferable permits. Permits transferred for the first time are those that are originally held by initial issuees. Over time, this ratio would decline if no new permits were issued because each year there would be fewer permits held by initial issuees. This transfer ratio has declined from .08 to .01 over the 1975-1999 period. Over this same period, the average annual ratio of transfers from initial issuees to transferable permit years is .04.

The second type of annual transfer rate reported in Table 1 is the ratio of all transfers to available transferable permits, which provides a measure of the annual turnover rate for all transferable permits. This ratio varied between .06 and .13 over the 1975-1999 time period, and averaged .09 for all years combined.² As can be seen in Table 1, this transfer ratio dropped below the all-years average in 1989 and has remained relatively low through 1999.

TABLE 1. Statewide Transfer Data on Permanent Permits, by year, 1975 - 1999.

Year	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	6,762	6,762	568	0.08	590	0.09
1976	9,173	9,160	650	0.07	776	0.08
1977	9,772	9,710	780	0.08	1,108	0.11
1978	9,975	9,895	777	0.08	1,314	0.13
1979	10,104	10,016	557	0.06	1,209	0.12
1980	10,132	10,040	522	0.05	1,060	0.11
1981	10,204	10,112	505	0.05	1,092	0.11
1982	11,030	10,936	553	0.05	1,144	0.10
1983	12,488	10,965	566	0.05	1,211	0.11
1984	12,531	11,009	414	0.04	1,053	0.10
1985	12,507	11,173	387	0.03	1,111	0.10
1986	12,509	11,226	402	0.04	1,191	0.11
1987	12,486	11,253	305	0.03	1,120	0.10
1988	12,579	11,409	345	0.03	1,125	0.10
1989	12,654	11,495	276	0.02	914	0.08
1990	13,020	11,911	270	0.02	950	0.08
1991	13,061	12,000	260	0.02	929	0.08
1992	13,419	12,366	206	0.02	950	0.08
1993	13,423	12,429	216	0.02	856	0.07
1994	13,404	12,460	217	0.02	908	0.07
1995	13,357	12,461	232	0.02	1,010	0.08
1996	13,347	12,492	228	0.02	941	0.08
1997	13,639	12,799	262	0.02	961	0.08
1998	14,078	13,174	186	0.01	860	0.07
1999	14,291	13,323	172	0.01	814	0.06

Years	Number of Transferable Permit-Years	Total Transfers From Initial Issuees	Ratio	Total Number of Transfers	Ratio
75 - 99	280,575	9,856	0.04	25,197	0.09

Notes:

^{* 1,002} permits have been revoked. Except for 39 that were re-instated, these have been excluded from the year of revoke forward.

^{**} The number of transfers includes 150 loan foreclosures by the Department of Community and Economic Development or by the Commercial Fishing and Agriculture Bank, and 134 subsequent transfers from these entities.

GEOGRAPHIC DISTRIBUTION OF PERMITS; CHANGES DUE TO TRANSFERS, MIGRATIONS, AND REVOCATIONS

Classification of Permit Holders

This report measures changes in permit distribution by classifying permit holders based upon where they reside. Five resident types have been 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;³

AUN: *Alaska* resident of an *Urban* community which is *Nonlocal* to the fishery for which the permit applies;

NR: Nonresident of Alaska;

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

An example of how this classification works could be a permit holder who lives in Dillingham and who holds two limited entry permits. If one permit is for the Bristol Bay drift gill net fishery, that permit will be classified as one held by an Alaska Rural Local because Dillingham is a rural community and is local to Bristol Bay. If he also holds a Southeast sac roe herring gill net permit, his permit for that fishery will be classified as one held by an Alaska Rural Nonlocal because Dillingham is not local to Southeast Alaska.

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. Between 1975 and the end of 1999, 15,254 permanent permits were issued in Alaska's limited fisheries. Alaska residents received 82.2% of these permits (12,540 permits), and Nonresidents received 17.8 % (2,714 permits). Almost half of all permits issued (46.2%) were to Alaska Rural Locals, and 26.7% were issued to Alaska Urban Locals. The remaining permits issued to Alaska Rural and Urban Nonlocal resident types.

The number of permits held by each resident type can change for three reasons: permits can be transferred to other resident types; permit holders can simply move from one locale to another (migration); or permits may be revoked.

TABLE 2. Initial Issuance, Total Net Changes, and Year-end 1999 Totals of Permanent Limited Entry Permits, by Resident Type

	Total										Total	Pct
	Initially	Pct	Trans	sfer	Migra	tion	Revo	ked	Tota	al	1999	Year-
	Issued	Issued	Change	Pct	Change	Pct	Change	Pct	Change	Pct	Year-end	end
AK Rural Local	7,052	46.2%	-710	-10.1%	-453	-6.4%	-254	-3.6%	-1,417	-20.1%	5,635	39.4%
AK Rural Nonlocal	431	2.8%	33	7.7%	8	1.9%	-12	-2.8%	29	6.7%	460	3.2%
AK Urban Local	4,076	26.7%	117	2.9%	-219	-5.4%	-469	-11.5%	-571	-14.0%	3,505	24.5%
AK Urban Nonlocal	981	6.4%	404	41.2%	181	18.5%	-69	-7.0%	516	52.6%	1,497	10.5%
Nonresident	2,714	17.8%	140	5.2%	483	17.8%	-159	-5.9%	464	17.1%	3,178	22.2%
DCED / CFAB	0	0.0%	16	0.0%	0	0.0%	0	0.0%	16	0.0%	16	0.1%
Total	15,254	100.0%	0		0		-963		-963		14,291	100.0%

By the end of 1999, the total number of permits had decreased to 14,291 due to the revocation of 804 Alaskan permits and 159 Nonresident permits. Note that 16 permits had been foreclosed upon by the Alaska Department of Community and Economic Development (DCED) or the Commercial Fishing and Agriculture Bank (CFAB) and had yet to be transferred.

Revocation normally occurs on nontransferable permits when a permit holder dies or does not renew the permit. Most of the revoked permits came from the hand troll fishery (793, or 82.3% or the total; see Tables 3 and 4), where a large number of nontransferable entry permits were issued.

When the effects of revocation, transfer, and migration were combined at the end of 1999, Alaska residents held 11,113 permits (77.8%; including the 16 permits held by DCED or CFAB) and Nonresidents held 3,178 permits (22.2%).

Alaska permit decreases are countered by Nonresident permit increases. Migration, or the change in residence of permit holders, has changed the Resident / Nonresident balance to a greater degree than permit transfers. By the end of 1999, the net result of permit transfer activity had increased the number of permits held by Nonresidents by 140, whereas Alaska permit holders who moved out of state resulted in a net increase of 483 Nonresident permits.

Tables 3 and 4 show permit distribution at initial issuance and at the end of 1999 for the 58 fisheries and 67 permit types where limited entry permits have been issued. Tables 5 and 6 show the net effects of transfer and migration for those same fisheries. Table 7 shows the annual results of transfers, migrations, and revocations over all fisheries for the five resident types.

Some of the more noteworthy changes are:

The overall decline of 1,417 permits held by Alaska Rural Locals represents 20.1% of all transferable and nontransferable permits

originally issued to them. Transfer activity accounted for approximately half of this decrease (710 permits). Alaska Rural Locals also lost permits through migration (453 permits) and revocations (254 permits).

Of the Alaska Rural Local permit decline due to transfer activity, more than half can be attributed to transfers in the Bristol Bay drift (222 permits) and set gill net (169 permits) fisheries.

Alaska residents who moved out of state brought about a net increase of 483 Nonresident permits in 40 separate permit types, especially in the salmon fisheries in Bristol Bay, Kodiak, and Cook Inlet, and the hand troll fishery.

Transfer activity also increased the number of permits held by Nonresidents. Transfers resulted in net Nonresident increases in 19 permit types, and net losses in 27 permit types. The overall net gain was 140 permits. Some fisheries in particular show large gains in permits transferred to Nonresidents, particularly the Bristol Bay salmon fisheries, the Cook Inlet set net fishery, and the hand troll fishery.

Alaska Urban Locals show a total net decrease of 571 permits from initial issuance through 1999. Revocations of permits have accounted for 82.1% of this decrease. The majority of the revocations of AUL-held permits have been in the hand troll fishery and were due to either the death of a nontransferable permit holder or the forfeiture of permits for nonpayment of permit renewal fees.

Since initial issuance, Alaska Urban Local permit holders show a net gain of 117 permits by transfer, and a net decrease of 219 permits through migration.

Both transfer and migration activity have contributed to a net increase in permits held by Alaska Urban Nonlocals. Over the 1975-1999 period, there was a cumulative net gain of 516 permits held by this resident group. This gain represents a 52.6% increase in the number of permits originally issued to this resident group. Alaska Urban Nonlocals show net increases due to transfer in 30 permit types, and net increases due to migration in 25 permit types.

Alaska Rural Nonlocals are the smallest resident group. They recorded an overall net gain of 29 permits, especially through migration in the Arctic / Yukon / Kuskokwim salmon fisheries, and through transfers mainly in the Peninsula / Aleutians and Prince William Sound salmon drift net fisheries and the Norton Sound herring gill net fishery.

TABLE 3. Total Number of Permits Initially Issued, by Fishery and Resident Type, 1985-1999*

		All Perr	nits Issu	ed to		All Tra	nsferabl	e Permi	ts Issue	d to**	All Permits	
Permits First Issued in:	ARL	ARN	AUL	AUN	NR	ARL	ARN	AUL	AUN	NR	Alaska Total	Grand Total
			-	-				-	-			
1975												
SE Seine	106	0	106	0	207	106	0	106	0	207	212	419
SE Drift	117	1	194	4	157	117	1	194	4	157	316	473
Power Troll	263	3	406	13	286	263	3	406	13	286	685	971
Yakutat Setnet PWS Seine	128 169	3 3	0	22 23	18 55	128 169	3 3	0 16	22 23	18 55	153 211	171
PWS Drift	338	3 17	16 12	23 31	139	338	3 17	16 12	23 31	139	398	266 537
PWS Setnet	17	0	4	2	7	336 17	0	3	2	7	23	30
Cook Inlet Seine	35	0	47	1	1	35	0	47	1	1	83	84
Cook Inlet Drift	89	8	274	13	187	89	8	274	13	187	384	571
Cook Inlet Setnet	184	16	456	34	56	184	16	456	34	56	690	746
Kodiak Seine	76	10	161	25	111	76	10	161	25	111	272	383
Kodiak Beach Seine	13	2	18	1	2	12	1	17	1	1	34	36
Kodiak Setnet	44	2	77	14	51	44	2	77	14	51	137	188
Chignik Seine	29	8	0	32	21	29	8	0	32	21	69	90
Pen/Aleutian Seine	100	0	2	3	15	100	0	2	3	15	105	120
Pen/Aleutian Drift	98	0	0	14	48	98	0	0	14	48	112	160
Pen/Aleutian Setnet	99	0	0	8	8	99	0	0	8	8	107	115
Bristol Bay Drift	697	169	0	243	745	697	169	0	243	745	1,109	1,854
Bristol Bay Setnet	<u>659</u>	39	0	182	<u>155</u>	<u>555</u>	28	0	<u>157</u>	<u>137</u>	880	1035
	3,261	281	1,773	665	2,269	3,156	269	1,771	640	2,250	5,980	8,249
1976												
U Yukon Gillnet	55	3	14	2	1	55	3	14	2	1	74	75
U Yukon Fish Wheel	141	2	18	2	2	141	2	18	2	2	163	165
Kuskokwim Gillnet	665	2	172	0	0	665	2	172	0	0	839	839
Kotzebue Gillnet	54	2	157	6	1	54	2	157	6	1	219	220
L Yukon Gillnet	678	19	0	12	1	678	19	0	12	1	709	710
Norton Sd Gillnet	177	1	23	2	0	177	1	_23	2	0	203	203
	1,770	29	384	24	5	1,770	29	384	24	5	2,207	2,212
1977-78												
SE Herring Seine	4	0	37	0	4	4	0	37	0	4	41	45
SE Herring Gillnet	18	0	63	1	25	18	0	63	1	25	82	107
PWS Herring Seine	29	13	3	48	11	29	13	3	48	11	93	104
Cook Inlet Herring Seine	<u>15</u>	1	<u>34</u>	<u>16</u>	8	<u>15</u>	1	<u>34</u>	<u>16</u>	8	66	74
Cook mack training Come	66	14	137	65	48	66	14	137	65	48	282	330
1980-87		_										
Hand Troll	791	6	1,156	52	155	324	1	332	11	37	2,005	2,160
NSEI Sablefish Longline	5	0	25	2	6	5	0	25	2	6	32	38
SSEI Sablefish Longline	0	0	2	0	2	0	0	2	0	-	2	4
SSEI Sablefish Pots SE R/B King Crab Pot	0	0 0	0 1	1 0	0	0 0	0 0	0 1	1 0	0	1 1	1 1
SE R/B/Brn King Crab Pot	0	0	1	0	0	0	0	1	0	0	1	1
SE Brn King Crab Pot	0	0	2	0	0	0	0	2	0	0	2	2
SE R/B King/Tanner Pot	1	0	7	0	0	1	0	7	0	0	8	8
SE All King/Tanner Pot	3	0	12	0	0	3	0	12	0	0	15	15
SE Tanner Crab Pot	1	0	2	0	1	1	0	2	0	1	3	4
PWS Herring Gillnet	13	0	7	0	4	13	0	7	0	4	20	24
PWS Herring Pound	62	0	5	25	36	62	0	5	25	36	92	128
Kodiak Herring Seine	11	6	43	4	12	9	3	36	2	4	64	76
Kodiak Herring Gillnet	5	7	49	37	8	5	6	38	26	6	98	106
Kodiak Her Seine/Gillnet	0	0	1	0	1	0	0	1	0	0	1	2
(to	892	19	1,313	121	225	423	10	471	67	96	2,345	2,570
(con't)												

TABLE 3. Total Number of Permits Initially Issued, by Fishery and Resident Type, 1985-1999*

		All Per	mits Issu	ed to		All Tra	nsferab	le Permi	ts Issue	d to**	All Pe	rmits
Permits First											Alaska	Grand
Issued in:	ARL	ARN	AUL	AUN	NR	ARL	ARN	AUL	AUN	NR	Total	Total
1988-91												
Bbay Her Spawn on Kelp	268	5	0	5	5	268	5	0	5	5	278	283
Norton Sd Herring B Seine	0	1	0	0	3	0	1	0	0	3	1	4
Nelson Is Herring Gillnet	128	6	0	8	7	128	6	0	8	7	142	149
Nunivak Herring Gillnet	44	2	0	8	3	41	2	0	7	3	54	57
L Yukon Herring Gillnet	83	1	0	2	0	83	1	0	2	0	86	86
Norton Sd Herring Gillnet	<u>132</u>	<u>18</u>	7	41	48	<u>132</u>	<u>18</u>	7	41	_48	<u>198</u>	246
	655	33	7	64	66	652	33	7	63	66	759	825
1997				_					_	_	_	
SE Dungeness Ring Net	4	0	4	0	0	0	0	0	0	0	8	8
SE Dungeness Dive	0	0	3	0	0	0	0	0	0	0	3	3
SE Dungeness 300 Pot	8	0	31	0	12	8	0	31	0	12	39	51
SE Dungeness 225 Pot	13	0	22	1	10	13	0	22	1	10	36	46
SE Dungeness 150 Pot	25	0	45	0	12	25	0	45	0	11	70	82
SE Dungeness 75 Pot	44	1	47	0	14	33	1	28	0	6	92	106
Cook In Dunge Ring Net	1	0	0	0	0	0	0	0	0	0	1	1
Cook In Dunge Pot	<u>13</u> 108	<u>3</u>	<u>50</u> 202	<u>2</u> 3	<u>2</u> 50	<u>9</u> 88	<u>2</u> 3	<u>44</u> 170	<u>2</u> 3	<u>2</u> 41	68	<u>70</u>
	108	4	202	3	50	88	3	170	3	41	317	367
1998												
N. SE Herring Pound	12	0	56	4	12	12	0	56	4	12	72	84
S. SE Herring Pound	130	0	65	1	13	100	0	43	1	10	196	209
SE Shrimp Beam	130	0	3	0	1	100	0	3	0	10	4	5
SE Shrimp Pot	127	2	135	5	20	72	0	66	3	12	269	289
PWS Net Gear	0	0	0	1	0	0	0	0	1	0	1	1
PWS Sablefish Fixed 90ft	1	0	0	0	0	1	0	0	0	0	1	1
PWS Sablefish Fixed 50ft	1	0	1	21	3	1	0	1	21	3	23	26
PWS Sablefish Fixed 35ft	2	1	0		2		1	0		_2	5	7
1 We capionen's ixea con	274	3	<u>260</u>	<u>2</u> 34	<u></u> 51	189	1	169	32	40	<u>571</u>	622
		3	200	O T	~	100	•	.00	02	.0	0, 1	022
1999												
Goodnews Bay Her Gillnet	26	48	0	5	0	26	48	0	5	_0	<u>79</u>	79
	26	48	0	<u> 5</u> 5	0	<u>26</u>	48	0	<u> 5</u> 5	0	<u></u>	79
				-	-	,	-			-		
Overall Total	7,052	431	4,076	981	2,714	6,370	407	3,109	899	2,546	12,540	15,254

^{*} The table includes 1,002 permits which were revoked because of forfeit, criminal action, or administrative error. 39 of these permits were subsequently re-instated.

ARL - Alaska Rural Local

ARN - Alaska Rural Nonlocal

AUL - Alaska Urban Local

AUN - Alaska Urban Nonlocal

 $\pmb{\mathsf{NR}}-\mathsf{Nonresident}$

DCED/CFAB -Department of Community and Economic Development / Commercial Fishing and Agriculture Bank

^{**} By 1999, 129 non-transferable permits had become transferable by adjudication of permit claims.

TABLE 4. 1999 Year-end Distribution of Permits, by Fishery and Resident Type.*

	All Permits Held By						All 1	Transfe	rable P	ermits	Held By	V**	All Per	rmits
Permits First						DCED						DCED	Alaska	Grand
Issued in	ARL	ARN	AUL	AUN	NR	CFAB	ARL	ARN	AUL	AUN	NR	CFAB	Total	Total
1975														
SE Seine	47	3	125	15	224	1	47	3	125	15	224	1	191	415
SE Drift	117	1	209	6	138	1	117	1	209	6	138	1	334	472
Power Troll	285	3	446	19	210	1	285	3	446	19	210	1	754	964
Yakutat Setnet	108	5	0	22	33	0	108	5	0	22	33	0	135	168
PWS Seine	98	9	17	71	70	1	98	9	17	71	70	1	196	266
PWS Drift	248	21	9	119	140	0	248	21	9	119	140	0	397	537
PWS Setnet	10	1	0	15	4	0	9	1	0	15	4	0	26	30
Cook Inlet Seine	24	0	50	0	8	0	24	0	50	0	8	0	74	82
Cook Inlet Drift	79	1	282	22	185	0	79	1	282	22	185	0	384	569
Cook Inlet Setnet	192	21	393	15	124	0	192	21	393	15	124	0	621	745
Kodiak Seine	51	15	164	53	96	3	51	15	164	53	96	3	286	382
Kodiak Beach Seine	4	2	17	7	4	0	3	2	17	7	4	0	30	34
Kodiak Setnet	17	2	94	22	53	0	17	2	94	22	53	0	135	188
Chignik Seine Pen/Aleutian Seine	42 81	3 0	0	27 8	17 31	1 0	42 81	3 0	0	27 8	17 31	1 0	73 89	90 120
Pen/Aleutian Drift	34	9	1	34	81	1	34	9	1	34	81	1	79	160
Pen/Aleutian Setnet	74	0	0	20	19	0	74	0	0	20	19	0	94	113
Bristol Bay Drift	454	128	0	314	953	1	454	128	0	314	953	1	897	1850
Bristol Bay Setnet	423	43	0	273	269	Ó	368	41	0	259	252	0	739	1008
Briotor Bay Couriet	2,388	267	1,807	1,062	2,659	10	2,331	265	1,807	1,048	2,642	10	5,534	8,193
	,		,	,	,		,		,	,	,-		-,	,
1976														
U Yukon Gillnet	35	4	24	8	1	0	35	4	24	8	1	0	71	72
U Yukon Fish Wheel	122	4	26	6	2	0	122	4	26	6	2	0	158	160
Kuskokwim Gillnet	635	3	166	14	7	0	635	3	166	14	7	0	818	825
Kotzebue Gillnet	33	7	121	28	7	1	33	7	121	28	7	1	190	197
L Yukon Gillnet	595	28	0	69	6	2	595	28	0	69	6	2	694	700
Norton Sd Gillnet	148 1,568	<u>4</u> 50	<u>19</u> 356	<u>18</u> 143	<u>3</u> 26	_ <u>0</u> 3	<u>148</u> 1,568	<u>4</u> 50	<u>19</u> 356	<u>18</u> 143	<u>3</u> 26	<u>0</u> 3	189 2,120	192 2,146
	1,500	50	336	143	20	3	1,500	50	336	143	20	3	2,120	2,140
1977-78														
SE Herring Seine	3	1	21	6	14	0	3	1	21	6	14	0	31	45
SE Herring Gillnet	10	2	60	1	34	0	10	2	60	1	34	0	73	107
PWS Herring Seine	23	9	1	46	24	1	23	9	1	46	24	1	80	104
Cook Inlet Herring Seine	_ 9	4	27	<u>11</u>	23	0	9	4	27	<u>11</u>	_23	0	51	74
	45	16	109	64	95	1	45	16	109	64	95	1	235	330
1980-87		_				_						_		
Hand Troll	544	5	623	47	148	0	317	2	338	24	92	0	1,219	1,367
NSEI Sable Longline	5	0	24 1	2 1	7 2	0	5 0	0	24 1	2 1	7 2	0	31 2	38 4
SSEI Sable Longline SSEI Sable Pots	0	1	0	0	0	0	0		0	0	0	0	1	
SE R/B King Crab Pot	0	0	1	0	0	0		1 0	1	0	0	0		1
SE R/B/Brn King Crab Pot	0	0	1	0	0	0	0	0	1	0	0	0	1	1
SE Brn King Crab Pot	0	0	2	0	0	0	0	0	2	0	0	0	2	2
SE R/B King/Tanner Pot	ő	0	8	0	0	0	0	0	8	0	0	0	8	8
SE All King/Tanner Pot	1	0	14	0	0	0	1	0	14	0	0	0	15	15
SE Tanner Crab Pot	1	0	3	Ö	0	Ö	1	0	3	Ö	0	0	4	4
PWS Herring Gillnet	20	0	0	3	1	0	20	0	0	3	1	0	23	24
PWS Herring Pound	51	10	2	32	32	0	51	10	2	32	32	0	95	127
Kodiak Herring Seine	8	5	31	13	14	0	6	2	28	10	8	0	57	71
Kodiak Herring Gillnet	8	6	49	22	10	0	8	5	42	17	10	0	85	95
Kodiak Herr Seine/Gillnet	0	0	1	0	_1	0		0	1	0	0	0		2
	638	27	760	120	215	0	409	20	465	89	152	0	1,545	1,760

(con't)

TABLE 4. 1999 Year-end Distribution of Permits, by Fishery and Resident Type.*

		Al	Permit	ts Held	Ву		AII 7	Fransfe	rable P	ermits	Held B	y**	All Pe	rmits
Permits First						DCED						DCED	Alaska	Grand
Issued in	ARL	ARN	AUL	AUN	NR	CFAB	ARL	ARN	AUL	AUN	NR	CFAB	Total	Total
1988-91 BBay Her Spawn on Kelp	259	5	0	13	4	0	259	5	0	13	4	0	277	281
Norton Sd Herr B Seine	239	1	0	0	3	0	239	1	0	0	3	0	1	201
Nelson Is Herring Gillnet	125	4	0	7	6	0	125	4	0	7	6	0	136	142
Nunivak Herring Gillnet	39	0	0	9	3	0	36	0	0	8	3	0	48	51
L Yukon Herring Gillnet	71	2	0	2	0	0	71	2	0	2	0	0	75	75
Norton Sd Herring Gillnet	104	34	1	37	68	1	104	34	1	37	_68	1	177	245
Notion 3d Fleming Gillinet	598	<u> 34</u> 46		68	84	<u>-</u>	595	46	<u> </u>	<u> </u>	84		714	798
	596	40		00	04	1	595	40	ı	67	04	I	7 14	190
1997 SE Dungeness Ring Net	4	0	3	0	0	0	0	0	0	0	0	0	7 3	7
SE Dungeness Dive	-	0		0	-	-	-	-	-	-	0	0	_	3 51
SE Dungeness 300 Pot	8 10	0	37 25	0	6 11	0	8 10	0	37 25	0	6 11	0	45 35	46
SE Dungeness 225 Pot	_	0	-	0		-		-	_	0	11	0		_
SE Dungeness 150 Pot	26	0	43	0	12	1	26	0	43	•			70	82
SE Dungeness 75 Pot	41	0	46	0	18	0	30	0	27	0	11	0	87	105
Cook In Dunge Ring Net	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Cook In Dunge Pot	12	<u>3</u>	49	<u>3</u>	<u>2</u> 49	<u>0</u>	9	<u>2</u> 2	43	<u>3</u>	<u>2</u> 41	<u>0</u>	<u>67</u>	69
	102	3	206	3	49	1	83	2	175	3	41	1	315	364
1998														
N. SE Herring Pound	10	0	59	2	13	0	10	0	59	2	13	0	71	84
S. SE Herring Pound	127	0	66	1	15	0	98	0	44	1	11	0	194	209
SE Shrimp Beam	2	0	3	0	0	0	2	0	3	0	0	0	5	5
SE Shrimp Pot	126	2	136	5	19	0	71	0	68	3	11	0	269	288
PWS Net Gear	0	0	0	1	0	0	0	0	0	1	0	0	1	1
PWS Sablefish Fixed 90ft	1	0	0	0	0	0	1	0	0	0	0	0	1	1
PWS Sablefish Fixed 50ft	2	0	1	21	2	0	2	0	1	21	2	0	24	26
PWS Sablefish Fixed 35ft	_2	1	1	_ 2	1	0	2	1	1	2	1	0	6	7
	270	3	266	32	50	0	186	1	176	30	38	0	571	621
1999														
Goodnews Bay Her Gillnet	26	48	0	5	_0	_0	26	48	0	5	0	0	79	79
,	26	<u>48</u> 48	<u>0</u> 0	<u>5</u> 5	<u>0</u> 0	<u>0</u> 0	26	48	0	<u> 5</u> 5	0	0	<u>79</u> 79	79
Overall Total	5,635	460	3,505	1,497	3,178	16	5,243	448	3,089	1,449	3,078	16	11,113	14,291
Overali Tulai	5,055	400	5,505	1,437	3,170	10	3,243	440	3,009	1,449	3,010	10	11,113	14,291

^{*} This table excludes 963 permits which were revoked by CFEC and not re-instated.

ARL - Alaska Rural Local

ARN - Alaska Rural Nonlocal

AUL - Alaska Urban Local

AUN - Alaska Urban Nonlocal

NR - Nonresident

DCED/CFAB -Department of Community and Economic Development / Commercial Fishing and Agriculture Bank

^{**} By 1999, 129 non-transferable permits had become transferable by adjudication of permit claims.

TABLE 5. Net Shifts in Resident Types Due to Transfer Activity by Fishery, 1975-1999.

Permits Issued Beginning in:	ARL	ARN	AUL	AUN	NR	DCED / CFAB
4075	<u> </u>			1	ı	
1975 SE Seine	-60	4	25	15	15	1
SE Drift	-10	2	9	4	-6	1
Power Troll	55	0	38	5	-99	1
Yakutat Setnet	-11	5	0	-3	9	0
PWS Seine	-30	7	-6	29	-1	1
PWS Drift	-71	13	5	73	-20	0
PWS Setnet	-6	-2	-2	16	-6	0
Cook Inlet Seine	-14	2	11	2	-1	0
Cook Inlet Drift	6	-1	22	-1	-26	0
Cook Inlet Setnet	-6	4	-14	-19	35	0
Kodiak Seine Kodiak Beach Seine	-11 -3	-3	42 -3	18	-49 4	3
Kodiak Setnet	-3 -11	1 -1	-3 37	1 6	-31	0
Chignik Seine	-11 -1	0	0	6	-51	1
Pen/Aleutian Seine	-18	0	-2	5	15	0
Pen/Aleutian Drift	-63	15	1	20	26	1
Pen/Aleutian Setnet	-7	0	1	2	4	0
Bristol Bay Drift	-222	-17	0	94	144	1
Bristol Bay Setnet	<u>-169</u>	5	0	<u>83</u>	<u>81</u>	0
	-652	34	164	356	88	10
4070						
1976	_	0	0	,		0
U Yukon Gillnet U Yukon Fish Wheel	-3 3	0	0 1	-3	-1 -1	0
Kuskokwim Gillnet	7	-7	0	-3 -1	1	0
Kotzebue Gillnet	-8	1	3	2		1
L Yukon Gillnet	-13	-13	0	25	-1	2
Norton Sd Gillnet	<u>-1</u>	4	<u>-1</u>	_3	_3	0
	-15	-23	3	30	2	3
1077 70						
1977-78	4	4	-15			0
SE Herring Seine SE Herring Gillnet	-1 -7	1 1	-15 4	6 2	9	0
PWS Herring Seine	3	-4	-2	6	-4	1
Cook Inlet Herring Seine	<u>-5</u>	2	<u>-8</u>	10	1	0
	-10	0	-21	24	6	1
1980-87						
Hand Troll	-26	1	-29	-1	55	0
NSEI Sablefish Longline	2	0	0	-2	0	0
SSEI Sablefish Longline	0	0	0	0	0	0
SSEI Sablefish Pots SE R/B King Crab Pot	0	1	0	-1	0	0
SE Brn King Crab Pot	0	0	0	0	0	0
SE R/B King/Tanner Pot	-1	0	2	0	-1	0
SE All King/Tanner Pot	-1	0	2	0	-1	0
SE Tanner Crab Pot	0	0	1	ő	-1	0
PWS Herring Gillnet	8	1	-5	1	-5	0
PWS Herring Pound	-2	7	-1	7	-11	0
Kodiak Herring Seine	4	-2	-9	10	-3	0
Kodiak Herring Gillnet	_3	<u>-2</u>	_2	<u>-3</u>	_0	_0
	-13	6	-37	11	33	0
1988-91						
BBay Her Spawn on Kelp	2	-2	0	1	-1	0
Nelson Is Her Gillnet	9	-2	0	-6	-1	0

(con't)

TABLE 5. Net Shifts in Resident Types Due to Transfer Activity by Fishery, 1975-1999.

Permits Issued Beginning in:	ARL	ARN	AUL	AUN	NR	DCED / CFAB
1988-91 Nunivak Herring Gillnet L Yukon Herring Gillnet Norton Sd Herring Gillnet	0 1 <u>-26</u> -14	0 0 <u>22</u> 18	0 0 <u>-3</u> -3	0 -1 <u>-11</u> -17	0 0 <u>17</u> 15	0 0 <u>1</u>
1997 SE Dungeness 300 Pot SE Dungeness 225 Pot SE Dungeness 150 Pot SE Dungeness 75 Pot CI Dungeness Pot	1 -2 1 -3 0 -3	0 0 0 -1 <u>0</u> -1	7 3 -2 -2 -1 5	0 -1 0 0 -1 0	-8 0 0 6 0 -2	0 0 1 0 <u>0</u>
1998 N. SE Herring Pound S. SE Herring Pound SE Shrimp Beam SE Shrimp Pot PWS Sablefish Fixed 50ft PWS Sablefish Fixed 35ft	-2 -1 1 -1 0 0 -3	-1 0 0 0 0 0 <u>0</u>	2 0 0 3 0 1 6	-1 0 0 0 1 0	2 1 -1 -2 -1 <u>-1</u>	0 0 0 0 0 0
1999 Goodnews Herring Gillnet Net Shifts 75-99	0 0	0 0 	0 0	0 _0 404	0 0	0 0

Note: Some permit types will not appear on this table if no transfers have occurred since initial issuance.

ARL - Alaskan Rural Local ARN - Alaskan Rural Nonlocal

AUL - Alaskan Urban Local

AUN - Alaskan Urban Nonlocal

NR - Nonresident

DCED/CFAB -Department of Community and Economic Development / Commercial Fishing and Agriculture Bank

TABLE 6. Net Shifts in Resident Types Due to Migration Activity, by Fishery, 1975-1999.

Permits Issued					
Beginning in:	ARL	ARN	AUL	AUN	NR
1975					
SE Seine	3	-1	-5	0	3
SE Drift	11	-2	6	-2	-13
Power Troll	-31	0	3	3	25
Yakutat Setnet	-8	-3	0	4	7
PWS Seine	-41	-1	7	19	16
PWS Drift	-18	-9	-8	14	21
PWS Setnet	-1	3	-2	-3	3
Cook Inlet Seine	4	-2	-7	-3	8
Cook Inlet Drift	-16	-6	-13	10	25
Cook Inlet Setnet	14	1	-48	0	33
Kodiak Seine	-14	8	-39	10	35
		-1			
Kodiak Beach Seine	-6	= 1	3	5	-1
Kodiak Setnet	-16	1	-20	2	33
Chignik Seine	14	-5	0	-11	2
Pen/Aleutian Seine	-1	0	0	0	1
Pen/Aleutian Drift	-1	-6	0	0	7
Pen/Aleutian Setnet	-16	0	-1	10	7
Bristol Bay Drift	-19	-24	0	-22	65
Bristol Bay Setnet	<u>-59</u>	<u>_5</u>	0	<u>17</u>	_37
	-201	-42	-124	53	314
1976					
U Yukon Gillnet	-16	1	10	2	3
U Yukon Fish Wheel	-19	2	7	8	2
Kuskokwim Gillnet	-29	8	-2	16	7
Kotzebue Gillnet	-8	4	-27	24	7
L Yukon Gillnet	-63	23	0	34	6
Norton Sd Gillnet	<u>-22</u>	7	<u>-3</u>	17	1
Honor od Omnor	-157	<u>.,</u> 45	-15	101	26
	101	.0	10	101	20
1977-78					
SE Herring Seine	0	0	0	0	0
SE Herring Gillnet	-1	1	-7	-2	9
PWS Herring Seine	-9	0	0	-8	17
		_ <u>_1</u>			
Cook Inlet Herring Seine	<u>-1</u> -11		<u> </u>	<u>-15</u> -25	<u>14</u> 40
	-11	2	-0	-25	40
1000.07					
1980-87	40	0	0.4	20	74
Hand Troll	-40	3	-64	30	71
NSEI Sablefish Longline	-2	0	-1	2	1
SSEI Sablefish Longline	0	0	-1	1	0
SE R/B King/Tanner Pot	0	0	-1	0	1
SE All King/Tanner Pot	-1	0	0	0	1
PWS Herring Gillnet	-1	-1	-2	2	2
PWS Herring Pound	-8	3	-2	0	7
Kodiak Herring Seine	-7	1	-2	0	8
Kodiak Herring Gillnet	_0	<u>_1</u>	_1	<u>-6</u>	4
3	-59	7	-72	29	95
1988-91					
BBay Herr Spawn on Kelp	-10	2	0	8	0
Nelson Is Herring Gillnet	-7	0	0	5	2
Nunivak Herring Gillnet	-2	-1	0	3	0
L Yukon Herring Gillnet	-2	1	0	1	0
Norton Sd Herring Gillnet	<u>-1</u>	<u>-7</u>	<u>-3</u>	<u>8</u>	3
	- <u>-1</u> -22	<u>-7</u> -5	<u>-3</u> -3	<u>25</u>	5
(con't)		9	5	20	٦

(con't)

TABLE 6. Net Shifts in Resident Types Due to Migration Activity, by Fishery, 1975-1999.

Permits Issued Beginning in:	ARL	ARN	AUL	AUN	NR
1997	-1	0	-1	0	2
SE Dungeness 300 Pot	-1	0	0	0	1
SE Dungeness 225 Pot	<u>0</u>	0	_1	<u>0</u>	<u>-1</u>
SE Dungeness 75 Pot	0	0	0	0	1
1998 N. SE Herring Pound S. SE Herring Pound SE Shrimp Pot PWS Sablefish Fixed 50ft	0	1	1	-1	-1
	-2	0	1	0	1
	0	0	-1	0	1
	<u>1</u>	<u>0</u>	<u>0</u>	<u>-1</u>	<u>0</u>
	-1	1	1	-2	1
Net Shifts 75-99	-453	8	-219	181	483

Note: Some permit types will not appear on this table if no migrations have occurred since initial issuance.

ARL - Alaskan Rural Local ARN - Alaskan Rural Nonlocal AUL - Alaskan Urban Local AUN - Alaskan Urban Nonlocal

 $\ensuremath{\mathbf{NR}}$ - Nonresident

TABLE 7. Summary of Yearly Net Changes in Statewide Permit Ownership, 1975 - 1999

	Д	laska Ru	ral Local		Ala	aska Rura	al Nonloc	al	А	laska Url	oan Loca		Ala	aska Urba	n Nonloc	al		Nonre	sident		DCED / CFAB
Year	Tran	Miar	Rev	Net	Tran	Miar	Rev	Net	Tran	Miar	Rev	Net	Tran	Miar	Rev	Net	Tran	Miar	Rev	Net	Tran
1975	24	0	-1	23	3	0	0	3	26	0	-2	24	6	0	-1	5	-59	0	0	-59	0
1976	-18	47	-1	28	1	7	0	8	28	-1	0	27	-6	-17	-1	-24	-5	-36	0	-41	0
1977	-59	-14	0	-73	-1	3	0	2	51	-5	0	46	-2	-6	0	-8	11	22	0	33	0
1978	-64	-35	-3	-102	-5	-3	-1	-9	38	-16	0	22	25	-30	-1	-6	6	84	0	90	0
1979	-75	-4	-2	-81	3	1	0	4	-3	-3	0	-6	45	-3	0	42	30	9	0	39	0
1980	-93	8	-3	-88	-4	-13	0	-17	39	-19	0	20	48	12	0	60	10	12	0	22	0
1981	-77	4	0	-73	-7	2	0	-5	18	-10	-1	7	52	9	0	61	14	-5	0	9	0
1982	-77	-45	-1	-123	-1	13	0	12	-20	23	0	3	33	37	0	70	56	-28	-1	27	9
1983	-84	29	-5	-60	6	2	0	8	-3	16	-2	11	70	1	-1	70	7	-48	0	-41	4
1984	-55	12	0	-43	-1	6	0	5	-22	-16	0	-38	8	10	-1	17	74	-12	-2	60	-4
1985	-23	-12	-32	-67	7	-2	-2	3	-29	9	-75	-95	16	14	-6	24	28	-9	-27	-8	1
1986	-50	-26	-10	-86	5	8	0	13	-4	-10	-36	-50	61	-1	-2	58	-11	29	-6	12	-1
1987	-12	-25	-12	-49	16	2	0	18	-12	-11	-30	-53	16	0	-4	12	-6	34	-4	24	-2
1988	-18	-31	-10	-59	7	13	0	20	-10	-26	-37	-73	5	-6	-5	-6	19	50	-14	55	-3
1989	-19	-25	-12	-56	0	1	0	1	-3	-30	-30	-63	28	-23	-3	2	-4	77	-12	61	-2
1990	6	-102	-10	-106	1	-2	-1	-2	-29	11	-18	-36	13	46	-2	57	8	47	-5	50	1
1991	-7	-12	-13	-32	12	3	0	15	-14	-30	-24	-68	3	12	-1	14	8	27	-5	30	-2
1992	-5	23	-16	2	-4	-6	-1	-11	-2	-16	-34	-52	-19	3	-6	-22	24	-4	-3	17	6
1993	-14	-24	-15	-53	6	-14	1	-7	-2	5	-34	-31	14	3	-8	9	-1	30	-10	19	-3
1994	-8	-19	-18	-45	-14	6	-4	-12	-2	-22	-26	-50	5	13	0	18	15	22	-7	30	4
1995	-3	-51	-16	-70	0	-9	0	-9	-2	-17	-24	-43	9	41	-9	41	-1	36	-9	26	-3
1996	-13	-38	-12	-63	1	13	0	14	3	-31	-21	-49	-15	7	-3	-11	23	49	-14	58	1
1997	19	-40	-17	-38	4	-12	0	-8	32	2	-26	8	-3	7	-4	0	-57	43	-9	-23	5
1998	-6	-26	-24	-56	-2	-15	-3	-20	24	-4	-31	-11	-6	16	-4	6	-15	29	-13	1	5
1999	21	-47	-21	-47	0	4	-1	3	15	-18	-18	-21	-2	36	-7	27	-34	25	-18	-27	0
Total	-710	-453	-254	-1.417	33	8	-12	29	117	-219	-469	-571	404	181	-69	516	140	483	-159	464	16

AGE PATTERNS AMONG PERMIT HOLDERS

Figure 1 shows the annual mean ages of permit transferors, transfer recipients, and all permit holders. The statewide mean age of transferable permit holders decreased from 43 years in 1975 to 41 years in 1977 and remained at about that level through 1985. Since then, the mean age has increased slightly each year and

by the end of 1999 it had risen to more than 46 years. The increased mean age of transferable permit holders in recent years may be related to reduced transfer activity as well as an increased mean age of transferors and transfer recipients.

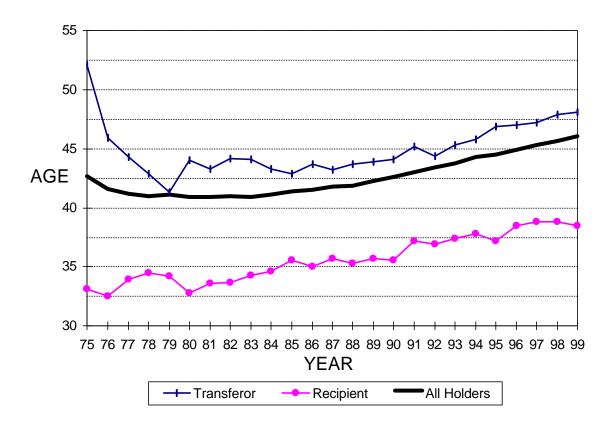


Figure 1. Mean ages of permit holders of transferable limited entry permits: transferors, transfer recipients, and all permit holders.

TRANSFER SURVEY RESULTS

When limited entry permits are transferred, CFEC conducts a survey of the transfer participants. The survey collects information on the relationship between transfer parties; whether the transfer was a gift, sale, trade, or inheritance; and, for sale transfers, the sale price and the type of financing used. The survey has served as the source of information for CFEC's estimates of permit values, which are used to make fishing loans by the State Department of Community and Economic Development and the Alaska Commercial Fishing and Agriculture Bank.

It has been mandatory for the transfer recipient to complete the survey since 1980. Survey results from the 1980-1999 time period are presented in both this summary and in the main report.

Strict enforcement of the mandatory survey did not occur until 1981. There were 139 transfers in 1980 and 15 transfers in 1981 without completed surveys. Note that in every year there were some transfers that did not have a transfer survey was completed for them, which accounts for the slight differences

TABLE 8.

Relationships of Transferors to Transfer Recipients; All Fisheries by Year (from 1980-1999 survey data)*

	Friend!	lmm a diata	Other			
	Friend/	Immediate	Other	0.1	T	
Year	Partner	Family	Relative	Other	Total	
	1	,		i i		
1980	288 (31.3%)	327 (35.5%)	56 (6.1%)	249 (27.1%)	920	
1981	359 (33.3%)	348 (32.3%)	59 (5.5%)	310 (28.8%)	1,077	**
1982	375 (33.1%)	367 (32.4%)	57 (5.0%)	334 (29.5%)	1,133	
1983	353 (29.4%)	396 (33.0%)	97 (8.1%)	353 (29.4%)	1,199	
1984	216 (20.6%)	358 (34.2%)	52 (5.0%)	421 (40.2%)	1,047	
1985	200 (18.2%)	339 (30.8%)	42 (3.8%)	520 (47.2%)	1,101	
1986	202 (17.2%)	365 (31.0%)	52 (4.4%)	557 (47.4%)	1,176	
1987	212 (19.2%)	306 (27.6%)	73 (6.6%)	516 (46.6%)	1,107	
1988	188 (16.9%)	339 (30.5%)	50 (4.5%)	533 (48.0%)	1,110	
1989	134 (14.7%)	357 (39.3%)	44 (4.8%)	374 (41.1%)	909	
1990	144 (15.2%)	340 (35.9%)	38 (4.0%)	426 (44.9%)	948	
1991	144 (15.6%)	331 (35.8%)	41 (4.4%)	408 (44.2%)	924	
1992	126 (13.4%)	353 (37.5%)	41 (4.4%)	422 (44.8%)	942	
1993	106 (12.5%)	334 (39.4%)	48 (5.7%)	360 (42.5%)	848	
1994	143 (16.0%)	342 (38.2%)	44 (4.9%)	367 (41.0%)	896	
1995	167 (16.7%)	335 (33.5%)	39 (3.9%)	460 (46.0%)	1,001	
1996	140 (14.9%)	338 (36.1%)	46 (4.9%)	413 (44.1%)	937	
1997	150 (15.7%)	313 (32.8%)	41 (4.3%)	450 (47.2%)	954	
1998	150 (17.6%)	314 (36.8%)	46 (5.4%)	343 (40.2%)	853	
1999	135 (16.9%)	288 (36.0%)	40 (5.0%)	336 (42.1%)	799	
	, ,	` ,	` ,	, ,		
Total	3,932 (19.8%)	6,790 (34.2%)	1,006 (5.1%)	8,152 (41.0%)	19,881	

Notes.

^{*} Transfer survey information is not included for 150 permit foreclosures. However, subsequent transfers of 134 of these permits are included in the "other" category.

^{**} This total includes survey/s in which the relationship was not indicated.

between Table 1 and the other tables in this section. The majority of transfers without surveys occur on foreclosed permits. Overall, the surveys represent 98.4% of all transfers since 1980.

Relationships of Transfer Participants

Most permits are transferred between people who know one another. Table 8 shows that of the 19,881 transfer surveys received between 1980 and 1999, 39.3% indicated a transfer between immediate family members or other relatives, and 19.8% indicated a transfer between friends or business partners. Permit exchanges between people who appeared to have no pre-existing relationship accounted for the remaining 41.0% of the transfers.

The percentage of transfers between friends and business partners decreased 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

The relationship between transferors and transfer recipients varies considerably between resident types (Figure 2). Over half (57.7%) of the transfers to Alaska Rural Locals, for all years combined, were from immediate family members or relatives, which is roughly double that of any other resident type. In the remaining resident types, the "Other" category predominated.

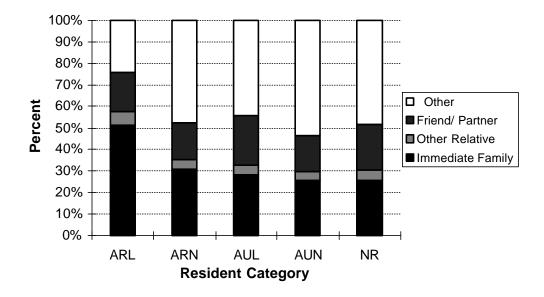


Figure 2. Transfers to the resident type: Relationship between the transferor and the permit recipient.

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 1980-1999 period, 59.9% of all transfers were sales, 34.8% were gifts, and 1.7% were trades. The remaining 782 transfers in the "Other" category comprised 3.9% of the survey responses (Table 9).

The incidence of gift transactions has accounted for roughly 30-40% of all transfers since 1980. Because gifts accounted for only 21.5% of all transfer survey responses in the 1975-1979 period,⁴ it has been suggested that the 1980-1999 percentage may be a result of regulatory attempts 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.

The highest volume and percentage of sale transfers were from 1985 through 1988.

TABLE 9. Transfer Acquisition Methods, All Fisheries by Year (from 1980-1999 survey data).*

Year	Gift	Sale	Trade	Other	Total	
1980	364 (39.6%)	513 (55.8%)	26 (2.8%)	17 (1.8%)	920	
1981	387 (35.9%)	647 (60.1%)	15 (1.4%)	26 (2.4%)	1,077	**
1982	413 (36.5%)	685 (60.5%)	22 (1.9%)	13 (1.1%)	1,133	
1983	441 (36.8%)	709 (59.1%)	30 (2.5%)	19 (1.6%)	1,199	
1984	399 (38.1%)	618 (59.0%)	19 (1.8%)	11 (1.1%)	1,047	
1985	369 (33.5%)	703 (63.9%)	21 (1.9%)	8 (0.7%)	1,101	
1986	372 (31.6%)	771 (65.6%)	20 (1.7%)	13 (1.1%)	1,176	
1987	333 (30.1%)	722 (65.2%)	19 (1.7%)	33 (3.0%)	1,107	
1988	331 (29.8%)	713 (64.2%)	12 (1.1%)	54 (4.9%)	1,110	
1989	281 (30.9%)	515 (56.7%)	21 (2.3%)	92 (10.1%)	909	
1990	314 (33.1%)	554 (58.4%)	15 (1.6%)	65 (6.9%)	948	
1991	286 (31.0%)	548 (59.3%)	14 (1.5%)	76 (8.2%)	924	
1992	331 (35.1%)	537 (57.0%)	11 (1.2%)	63 (6.7%)	942	
1993	332 (39.2%)	446 (52.6%)	22 (2.6%)	48 (5.7%)	848	
1994	341 (38.1%)	500 (55.8%)	9 (1.0%)	46 (5.1%)	896	
1995	336 (33.6%)	607 (60.6%)	10 (1.0%)	48 (4.8%)	1,001	
1996	349 (37.2%)	541 (57.7%)	10 (1.1%)	37 (3.9%)	937	
1997	321 (33.6%)	584 (61.2%)	18 (1.9%)	31 (3.2%)	954	
1998	322 (37.7%)	469 (55.0%)	16 (1.9%)	46 (5.4%)	853	
1999	294 (36.8%)	455 (56.9%)	14 (1.8%)	36 (4.5%)	799	
		, ,	, ,	, ,		
All Years	6,916 (34.8%)	11,837 (59.5%)	344 (1.7%)	782 (3.9%)	19,881	

Notes:

^{*} Transfer survey information is not included for 150 permit foreclosures, however, 134 subsequent transfers of these permits are included in the "other" category.

^{**} This total includes survey/s in which the acquisition method was not indicated.

Individual fisheries often differ considerably from the statewide averages. Tables in the principal report show that while sale transactions predominated for most fisheries, there were 16 permit types where at least half of the permit transfers were gifts (Table 10, below).

Table 10.	•						
Percent	of	Transfers	That	Were			
Gifts, 1980-1999							

,	
Permit	Percent
SE Red/Blue King Crab Pot	100.0
Lower Yukon Herring Gillnet	90.9
Nunivak Herring Gillnet	80.0
Nelson Island Herring Gillnet	76.3
Cook Inlet Dungeness Pot	75.0
Kuskokwim Gillnet	69.4
Bristol Bay Herring Spawn on Kelp	65.4
Lower Yukon Gillnet	63.1
Kotzebue Gillnet	61.4
Peninsula/Aleutian Seine	60.2
Southern Southeast Herring Pound	57.1
Kodiak Setnet	55.4
Norton Sound Gillnet	55.4
Yakutat Setnet	50.9
Upper Yukon Gillnet	50.0
SE Brown King Crab Pot	50.0

Fisheries with lower permit values tend to have higher proportions of gift transactions. Some notable exceptions are the Peninsula / Aleutian and Chignik salmon seine fisheries (high percentage of gifts and high permit values), and the salmon hand troll fishery (low percentage of gifts and a low permit value) (Tables 18 and 20, principal report).

Acquisition Methods by Residency

Table 11 shows a breakout of acquisition methods by the resident type of the transfer recipient. Since 1980, 51.3% of the Alaska

Rural Locals who have obtained permits through transfer have received them as gifts. Sales have accounted for the majority of the transfers to each of the other resident types.

Table 11. 1980-1999 Permit Acquisition Methods, by Residency

Residency	Gift	Sale	Trade	Other
AK Rural Local	51.3%	42.8%	1.6%	4.3%
AK Rural Nonlocal	31.1%	62.6%	1.3%	5.0%
AK Urban Local	28.8%	65.4%	2.2%	3.6%
AK Urban Nonlocal	25.0%	68.6%	1.8%	4.5%
Nonresident	28.0%	67.1%	1.4%	3.4%

Financing of Permit Purchases

The transfer survey indicates that the predominate means of financing for permit purchases has been through self-financing, which was used for 58.4% of all purchases from 1980 through 1999. The next most important source of financing has been the Department of Community and Economic Development's loan program with 18.5%.⁵ The remainder of the financing sources come from transferors, banks and other private lending institutions, the Commercial Fishing and Agriculture Bank, and fish processors.

Both the percentage and the number of permit sales financed by the transferor have declined significantly since 1980 (Table 12). In 1980, 142 transfers were financed by the seller (27.7%); however, in 1998 and 1999 only 1 transfer was seller-financed. The percentage of self-financed purchases has tended to increase over time whereas the percentage of purchases financed by the state Department of Community and Economic Development has declined somewhat since the mid-1980's.

TABLE 12. Sources of Permit Financing, All Fisheries by Year (from 1980-1999 survey data).*

Year	Self/Other	Bank	DCED	CFAB	Transferor	Processor	Combination	Total
			_			_	_	
1980	208 (40.5%)	61 (11.9%)	93 (18.1%)	1 (0.2%)	142 (27.7%)	8 (1.6%)	0 (0.0%)	513
1981	268 (41.4%)	69 (10.7%)	159 (24.6%)	11 (1.7%)	138 (21.3%)	2 (0.3%)	0 (0.0%)	647
1982	282 (41.2%)	66 (9.6%)	181 (26.4%)	2 (0.3%)	150 (21.9%)	4 (0.6%)	0 (0.0%)	685
1983	331 (46.7%)	69 (9.7%)	167 (23.6%)	16 (2.3%)	122 (17.2%)	4 (0.6%)	0 (0.0%)	709
1984	339 (54.9%)	59 (9.5%)	138 (22.3%)	5 (0.8%)	74 (12.0%)	3 (0.5%)	0 (0.0%)	618
1985	401 (57.0%)	61 (8.7%)	161 (22.9%)	2 (0.3%)	68 (9.7%)	8 (1.1%)	2 (0.3%)	703
1986	460 (59.7%)	48 (6.2%)	170 (22.0%)	12 (1.6%)	61 (7.9%)	10 (1.3%)	10 (1.3%)	771
1987	446 (61.8%)	44 (6.1%)	132 (18.3%)	22 (3.0%)	64 (8.9%)	9 (1.2%)	5 (0.7%)	722
1988	452 (63.4%)	59 (8.3%)	115 (16.1%)	22 (3.1%)	48 (6.7%)	8 (1.1%)	9 (1.3%)	713
1989	294 (57.1%)	38 (7.4%)	88 (17.1%)	22 (4.3%)	46 (8.9%)	11 (2.1%)	16 (3.1%)	515
1990	348 (62.8%)	27 (4.9%)	87 (15.7%)	35 (6.3%)	36 (6.5%)	10 (1.8%)	11 (2.0%)	554
1991	358 (65.3%)	27 (4.9%)	78 (14.2%)	32 (5.8%)	40 (7.3%)	8 (1.5%)	5 (0.9%)	548
1992	366 (68.2%)	37 (6.9%)	59 (11.0%)	24 (4.5%)	29 (5.4%)	14 (2.6%)	8 (1.5%)	537
1993	263 (59.0%)	20 (4.5%)	86 (19.3%)	12 (2.7%)	45 (10.1%)	10 (2.2%)	10 (2.2%)	446
1994	332 (66.4%)	35 (7.0%)	66 (13.2%)	9 (1.8%)	40 (8.0%)	12 (2.4%)	6 (1.2%)	500
1995	389 (64.1%)	47 (7.7%)	91 (15.0%)	18 (3.0%)	12 (2.0%)	13 (2.1%)	37 (6.1%)	607
1996	361 (66.7%)	32 (5.9%)	86 (15.9%)	12 (2.2%)	2 (0.4%)	12 (2.2%)	36 (6.7%)	541
1997	379 (64.9%)	40 (6.8%)	96 (16.4%)	12 (2.1%)	4 (0.7%)	6 (1.0%)	47 (8.0%)	584
1998	313 (66.7%)	28 (6.0%)	82 (17.5%)	11 (2.3%)	1 (0.2%)	6 (1.3%)	28 (6.0%)	469
1999	323 (71.0%)	29 (6.4%)	57 (12.5%)	7 (1.5%)	1 (0.2%)	7 (1.5%)	31 (6.8%)	455
All Years	6,912 (58.4%)	896 (7.6%)	2,192 (18.5%)	287 (2.4%)	1,123 (9.5%)	166 (1.4%)	261 (2.2%)	11,837

^{*} This table includes only those surveys where respondents indicated that they had purchased their permit.

Fishery-specific tables in the main report indicate that many individual fisheries deviate from the statewide percentages. For example, fisheries in which the all years' percentages of self-financed permits are higher than the statewide percentage tend to be those with lower permit values, especially the hand troll fishery (88.1%) and the six Arctic / Yukon / Kuskokwim salmon fisheries, which ranged between 85.0% and 69.7%.

State-financed loans were the principal means of financing in several fisheries: the Southeast and Prince William Sound roe herring seine fisheries (43.2% and 40.0%, respectively) and Chignik and Cook Inlet salmon seine (43.0% and 40.0%, respectively) fisheries. The Southeast king and Tanner crab fisheries and the Southern Southeast sablefish longline fishery also show indications of high use of

state financing, but the fisheries have recorded only a limited number of sale transactions to date.

Permit Financing by Residency

Table 13 provides information on the sources of permit financing by resident type over the entire 1980 to 1999 time period. Alaska residents have purchased 8,193 permits since 1980 and most commonly used either their personal resources or authorized loans from the State of Alaska as a means for financing. Urban Alaska residents have received about two-thirds (1,436 of 2,192) of the state loans. Nonresidents have the highest rates of self-financing (70.7%) and of financing through the transferor.

TABLE 13.

Sources of Permit Financing By Resident Type of Transfer Recipient (from 1980-1999 survey data)*

Residency	Self/Other	Bank	DCED	CFAB	Transferor	Processor	Combination	Total
Alaska Rural Local	1,356(53.9%)	190 (7.5%)	579 (23.0%)	97 (3.9%)	192 (7.6%)	34 (1.4%)	69 (2.7%)	2,517
AK Rural Nonlocal	201 (46.1%)	24 (5.5%)	164 (37.6%)	12 (2.8%)	28 (6.4%)	3 (0.7%)	4 (0.9%)	436
Alaska Urban Local	1,802 (55.6%)	204 (6.3%)	794 (24.5%)	92 (2.8%)	250 (7.7%)	44 (1.4%)	55 (1.7%)	3,241
AK Urban Nonlocal	976 (48.8%)	90 (4.5%)	642 (32.1%)	84 (4.2%)	152 (7.6%)	9 (0.5%)	46 (2.3%)	1,999
Nonresident	2,577 (70.7%)	388 (10.6%)	13 (0.4%)	2 (0.1%)	501 (13.7%)	76 (2.1%)	87 (2.4%)	3,644
OVERALL TOTAL	6,912 (58.4%)	896 (7.6%)	2,192 (18.5%)	287 (2.4%)	1,123 (9.5%)	166 (1.4%)	261 (2.2%)	11,837

^{*} This table includes only those cases where survey respondents indicated that they had purchased their permit.

Permit Prices

Table 14 shows mean and median permit prices by permit type and year for sales that occurred over the 1980 to 1999 period. If the surveys indicated a permit price of less than \$500, they were excluded from the computations. To preserve confidentiality, price statistics are not shown if there are less than four sales transactions in a permit-type / year combination. Also, no value will be reported for a permit-type / year if there were no sales transactions for that permit. All the prices are in nominal dollars and do not reflect adjustments for general price inflation.

The longest and most complete information on permit prices are in the salmon fisheries. Prices in these fisheries tended to increase until around 1990, then fall from 1991 to 1999.

Table 14. Mean and Median Permit Prices From Survey Data, by Fishery and Year, 1980 - 1999 *

		Number	Mean	Median
Fishery	Year	of Sales	Value	Value
SE Seine	1980	15	\$39,600	\$40,000
	1981	23	\$40,652	\$40,000
	1982	21	\$40,286	\$40,000
	1983	20	\$38,531	\$40,000
	1984	38	\$40,884	\$40,000
	1985	27	\$37,907	\$38,000
	1986	18	\$34,403	\$36,000
	1987	30	\$40,832	\$40,000
	1988	18	\$65,833	\$67,500
	1989	29	\$78,448	\$75,000
	1990	18	\$104,667	\$105,000
	1991	19	\$92,684	\$90,000
	1992	16	\$64,969	\$60,000
	1993	16	\$79,625	\$81,000
	1994	25	\$73,616	\$72,000
	1995	17	\$70,912	\$75,000
	1996	16	\$61,188	\$62,500
	1997	20	\$50,033	\$50,000
	1998	24	\$49,479	\$47,000
	1999	17	\$40,421	\$42,000
SE Drift	1980	35	\$41,714	\$43,000
	1981	40	\$43,920	\$45,000
	1982	41	\$38,495	\$38,000
	1983	37	\$34,508	\$35,000
	1984	43	\$32,898	\$33,000
	1985	43	\$35,623	\$36,500
	1986	45	\$44,849	\$45,000
	1987	34	\$55,632	\$56,750
	1988	30	\$75,958	\$70,500
	1989	16	\$125,625	\$131,000
	1990	28	\$106,500	\$105,000
	1991	33	\$82,773	\$85,000
	1992	29	\$71,276	\$76,000

Table 14. Mean and Median Permit Prices From Survey Data, by Fishery and Year, 1980 - 1999 *

Table 14. Mean and Median Permit Prices From Survey Data, by Fishery and Year, 1980 - 1999 *

		Number	Mean	Median			Number	Mean	Median
Fishery	Year	of Sales	Value	Value	Fishery	Year	of Sales	Value	Value
	1993	27	\$80,519	\$80,000		1996	8	\$43,375	\$42,500
	1994	31	\$62,929	\$61,500		1997	5	\$34,900	\$35,000
	1995	33	\$70,803	\$70,000		1998	2	**	**
	1996	30	\$59,417	\$60,000		1999	2	**	**
	1997	32	\$50,625	\$52,000	0511 . 0 .	4000		**	**
	1998	25	\$35,425	\$35,000	SE Herring Seine	1982	2 2	**	**
	1999	30	\$34,240	\$35,000		1983 1984	1	**	**
Power Troll	1980	72	\$33,308	\$35,000		1985	2	**	**
	1981	68	\$29,012	\$30,000		1986	2	**	**
	1982	71	\$21,630	\$21,500		1987	2	**	**
	1983	73	\$20,864	\$20,000		1988	3	**	**
	1984	71	\$19,456	\$20,000		1990	2	**	**
	1985	73	\$21,509	\$22,000		1991	4	\$235,000	\$230,000
	1986 1987	72 65	\$24,776 \$26,431	\$25,000		1993 1994	1	**	**
	1988	68	\$29,782	\$27,000 \$30,000		1994	1 3	**	**
	1989	56	\$32,446	\$33,000		1996	5	\$287,300	\$300,000
	1990	51	\$33,142	\$34,000		1997	4	\$227,500	\$225,000
	1991	56	\$36,299	\$38,000		1998	2	**	**
	1992	44	\$33,847	\$35,000		1999	1	**	**
	1993	47	\$30,747	\$31,000					
	1994	44	\$28,268	\$29,000	SE Herring Gillnet	1980	4	\$13,363	\$14,225
	1995 1996	71	\$28,323	\$28,000		1981	4	\$13,875	\$14,000
	1996	35 54	\$19,800 \$18,104	\$18,500 \$18,000		1982 1983	5 3	\$27,500 **	\$25,000
	1998	44	\$17,558	\$18,000		1984	6	\$39,583	\$38,750
	1999	39	\$15,050	\$15,000		1985	12	\$45,000	\$46,500
			* -,	* -,		1986	4	\$51,250	\$51,000
Hand Troll	1982	32	\$4,036	\$4,250		1987	12	\$48,542	\$51,250
	1983	84	\$4,964	\$5,000		1988	11	\$48,827	\$50,000
	1984	68	\$4,732	\$5,000		1989	4	\$54,750 **	\$56,000
	1985	89	\$5,109	\$5,000 \$5,000		1990	2 7		¢27.000
	1986 1987	108 93	\$5,252 \$5,551	\$5,300 \$5,500		1991 1992	12	\$27,214 \$32,388	\$27,000 \$35,000
	1988	97	\$6,446	\$6,500		1993	1	**	**
	1989	66	\$7,323	\$7,500		1994	8	\$31,813	\$32,500
	1990	98	\$8,322	\$8,000		1995	10	\$31,800	\$31,250
	1991	82	\$8,321	\$8,500		1996	13	\$34,923	\$35,000
	1992	70	\$8,477	\$8,500		1997	5	\$35,100	\$36,500
	1993	53	\$8,853	\$7,500		1998	6	\$26,417	\$27,500
	1994 1995	63 79	\$7,362 \$7,415	\$7,500 \$7,500		1999	5	\$18,200	\$18,000
	1996	42	\$5,868	\$5,850	NSEI Sablefish Longline	1989	1	**	**
	1997	59	\$5,579	\$5,500	Trous Gasterien Zenginik	1990	2	**	**
	1998	48	\$4,651	\$5,000		1991	3	**	**
	1999	62	\$3,894	\$4,000		1992	4	\$149,000	\$149,000
						1993	2	**	**
Yakutat Setnet	1980	2	**	**		1994	2	**	**
	1981 1982	11	\$26,682	\$27,000 \$33,667		1995 1996	6	\$190,000	\$195,000
	1983	8 4	\$32,792 \$27,250	\$33,007		1990	2 2	**	**
	1984	4	\$23,750	\$23,500		1998	1	**	**
	1985	9	\$25,862	\$27,000		1999	3	**	**
	1986	7	\$26,857	\$25,000					
	1987	5	\$27,200	\$28,000	SSEI Sablefish Longline		1	**	**
	1988	17	\$28,279	\$30,000		1991	1	**	**
	1989	5	\$33,200	\$30,000		1992	1	**	**
	1990 1991	12 8	\$36,458 \$44,125	\$39,000 \$47,500		1993 1996	1 1	**	**
	1991	3	φ44,125 **	φ47,300 **		1998	1	**	**
	1993	10	\$46,850	\$49,000		.000			
	1994	5	\$36,500	\$40,000	SSEI Sablefish Pots	1997	1	**	**
	1995	5	\$49,600	\$50,000					

Table 14. Mean and Median Permit Prices From Survey Data, by Fishery and Year, 1980 - 1999 *

Table 14. Mean and Median Permit Prices From Survey Data, by Fishery and Year, 1980 - 1999 *

		Number	Mean	Median				Number	Mean	Median
Fishery	Year	of Sales	Value	Value		Fishery	Year	of Sales	Value	Value
SE Brn King Crab Pot	1997	1	**	**			1985	4	¢22.275	\$32,750
SE BITI KING CIAD POL	1997	!					1986	1	\$32,375 **	φ32,730 **
SE R/B King/Tanner Pot	1990	1	**	**			1987	4	\$29,625	\$28,250
-	1991	1	**	**			1988	2	**	**
	1994	3	**	**			1989	1	**	**
	1999	1	**	**			1990	1	**	**
SE All King/Tanner Pot	1990	1	**	**			1991 1992	1	**	**
SE All Killy/Tallilei Fot	1991	1	**	**			1994	2	**	**
	1992	1	**	**			1995	3	**	**
	1994	2	**	**			1996	2	**	**
	1995	2	**	**			1997	1	**	**
	1998	1	**	**			1998	2	**	**
SE Tanner Crab Pot	1990	1	**	**		PWS Herring Seine	1980	4	\$46,250	\$46,250
	1993	1	**	**		Ŭ	1981	2	**	**
	1996	1	**	**			1982	7	\$71,250	\$80,000
							1983	1	**	**
PWS Seine	1980	14	\$40,154	\$40,000			1984	7	\$63,857	\$60,000
	1981	16	\$69,531	\$70,000			1985	12	\$66,375	\$65,000
	1982	14	\$101,690	\$100,000			1986	10	\$75,750	\$75,000
	1983 1984	17 11	\$142,384 \$131,695	\$155,000 \$135,000			1987 1988	4 10	\$96,250 \$160,500	\$95,000 \$165,000
	1985	16	\$104,469	\$105,000			1989	10	\$100,500 **	\$105,000 **
	1986	13	\$99,400	\$108,000			1990	3	**	**
	1987	21	\$90,000	\$87,000			1991	6	\$222,500	\$230,000
	1988	19	\$135,158	\$140,000			1992	8	\$187,531	\$190,000
	1989	6	\$236,333	\$232,500			1993	1	**	**
	1990	5	\$228,000	\$250,000			1994	2	**	**
	1991	10	\$215,500	\$212,500			1995	4	\$59,182	\$65,000
	1992	19	\$98,347	\$100,000			1996	8	\$71,875	\$74,000
	1993	10	\$88,850	\$97,500			1997	6	\$125,333 **	\$135,000
	1994 1995	17	\$35,265	\$33,000			1999	2		**
	1995	8	\$75,000 \$33,833	\$68,250 \$31,500		PWS Herring Gillnet	1982	3	**	**
	1997	17	\$36,382	\$35,000		r wo riennig Gilliet	1983	4	\$17,000	\$19,000
	1998	11	\$34,591	\$38,000			1984	4	\$24,000	\$25,000
	1999	10	\$23,050	\$24,000			1985	3	**	**
							1986	4	\$30,500	\$30,000
PWS Drift	1980	26	\$27,288	\$25,250			1988	2	**	**
	1981	54	\$32,204	\$33,500			1989	3	**	**
	1982	51	\$46,461	\$46,000			1991	2	**	**
	1983	37	\$61,450	\$65,000			1992	1	**	**
	1984 1985	35 53	\$53,157 \$55,679	\$52,500 \$56,000			1993 1995	2 2	**	**
	1986	46	\$62,006	\$60,000			1997	3	**	**
	1987	45	\$62,147	\$63,000			1001	· ·		
	1988	50	\$75,802	\$75,000		PWS Herring Pound	1988	32	\$24,519	\$20,000
	1989	15	\$137,833	\$150,000		· ·	1989	13	\$47,884	\$50,000
	1990	27	\$160,523	\$165,000			1990	2	**	**
	1991	24	\$122,250	\$139,000			1991	12	\$61,375	\$62,250
	1992	26	\$95,212	\$92,750			1992	6	\$57,833	\$57,750
	1993	14	\$99,286	\$98,250			1993	8	\$40,675	\$40,200
	1994	21	\$67,155 \$67,307	\$65,000 \$65,000			1994	5 2	\$28,800	\$28,000
	1995 1996	34 30	\$67,397 \$57,360	\$65,000 \$60,000			1995 1996	19	\$23,664	\$21,000
	1990	23	\$67,861	\$70,000			1990	7	\$31,571	\$33,000
	1998	29	\$69,048	\$70,000			1007	· '	ψο 1,071	ψου,σου
	1999	24	\$55,213	\$52,500		Cook Inlet Seine	1980	7	\$82,786	\$80,000
							1981	7	\$83,714	\$85,000
PWS Setnet	1981	2	**	**			1982	5	\$84,267	\$85,000
	1982	5	\$19,400	\$20,000			1983	8	\$90,000	\$90,000
	1983	6	\$24,167	\$25,000			1984	1	**	**
	1984	4	\$31,250	\$30,000	ı		1985	4	\$58,375	\$58,500

Table 14. Mean and Median Permit Prices From Survey Data, by Fishery and Year, 1980 - 1999 *

Table 14. Mean and Median Permit Prices From Survey Data, by Fishery and Year, 1980 - 1999 *

1991 2 ** 1992 1 ** 1995 1 ** 1996 4 \$37,355 1997 2 ** 1998 2 ** 1999 2 ** Cook Inlet Drift 1980 34 \$67,290 1981 48 \$67,213 1982 37 \$57,866 1983 51 \$69,720 1984 35 \$66,306 1985 39 \$62,759 1986 50 \$63,902 1987 26 \$86,542 1988 28 \$126,138 1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 Cook Inlet Setnet 1980 42 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694	\$60,000 \$60,000 \$65,000 ** \$180,000 ** ** ** ** \$32,210 ** **	Fishery	1990 1991 1992 1994 1995 1996	1 3 4 4	Value **	Value **
1987 11 \$60,455 \$66,089 1989 3 3 1990 4 4 \$177,500 1991 2 1 1995 1 1995 1 1996 4 \$37,355 1997 2 1999 2 1999 2 1 1996 4 \$37,355 1997 2 1999 2 1 1996 4 \$37,355 1997 2 1984 357,866 1983 51 \$66,306 1984 35 \$66,306 1985 39 \$62,759 1986 50 \$63,902 1987 26 \$86,542 1988 28 \$126,138 1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$18,340 1984 45 \$17,078 1985 51 \$18,340 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 336,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516 \$10,575 1997 31 \$25,173 1998 19 \$19,516 \$10,575 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516 \$10,575 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516 \$10,575 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516 \$10,575 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516 \$10,575 \$10,575 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516 \$10,575 \$10,575 1995 23 \$30,283 1996 16 \$33,563 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516 \$10,575 \$10,575 1995 23 \$30,283 1996 16 \$33,563 1996 16 \$33,563 1996 16 \$33,563 1996 16 \$33,563 1996 16 \$33,563 1996 16 \$33,563 1996 16 \$33,563 1996 16 \$33,563 1996 16 \$33,563 1996 16 \$30,563 1996 16 \$30,563 1996 16 \$30,563 1996 16 \$30,563 1996 16 \$30,56	\$60,000 \$65,000 ** \$180,000 ** ** ** \$32,210 **		1991 1992 1994 1995 1996	3 4		**
1988 9 \$66,089 1989 33 1990 4 177,500 1991 22 1 1995 1 1995 1 1996 4 \$37,355 1997 2 1998 2 1999 1	\$65,000 ** \$180,000 ** ** ** \$32,210 **		1992 1994 1995 1996	4	**	
1989	** \$180,000 ** ** ** \$32,210 ** **		1994 1995 1996			**
1990	\$180,000 ** ** ** \$32,210 ** **		1995 1996	4	\$80,625	\$67,500
1991 2 ** 1995 1 ** 1996 4 \$37,355 1997 2 ** 1998 2 ** 1999 2 ** 1999 2 ** 1999 2 ** 1999 2 ** 1999 2 ** 1999 2 ** 1990 34 \$67,290 1981 48 \$67,213 1982 37 \$57,866 1983 51 \$69,720 1984 35 \$66,306 1985 39 \$62,759 1986 50 \$63,902 1987 26 \$86,542 1988 28 \$126,138 1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$775,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 Cook Inlet Setnet 1980 42 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 60 \$33,563 1997 31 \$25,173 1998 19 \$19,516	** ** \$32,210 ** **		1996	_	\$67,000	\$64,500
1992 1 1 ** 1995 1 1 ** 1996 4 \$37,355 1997 2 ** 1998 2 1** 1999 2 ** 1999 2 1** Cook Inlet Drift 1980 34 \$67,290 1981 48 \$67,213 1982 37 \$57,866 1983 51 \$66,729 1984 35 \$66,306 1985 39 \$62,759 1986 50 \$63,902 1987 26 \$86,542 1988 28 \$126,138 1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 Cook Inlet Setnet 1980 42 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 13 \$22,673 1996 16 \$33,563 1997 31 \$225,173 1998 19 \$19,516	** ** \$32,210 ** **			9	\$74,645	\$69,500
1995	** \$32,210 ** **			6	\$104,750 **	\$100,500
1996	**		1997 1998	3	**	**
1997 2 *** 1998 2 *** 1999 2 *** 1999 2 *** 1999 2 *** 1999 2 *** 1999 2 *** 1999 2 *** 1981 48 \$67,290 1981 48 \$67,213 1982 37 \$57,866 1983 51 \$69,720 1984 35 \$66,306 1985 39 \$62,759 1986 50 \$63,902 1987 26 \$86,542 1988 28 \$126,138 1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 Cook Inlet Setnet 1980 42 \$15,332 1981 59 \$15,322 1982 42 \$17,1078 1983 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$10,516 \$10,517 \$19,516 \$10,517 \$1998 19 \$19,516 \$10,517 \$10,516 \$10,517 \$1	**		1999	2	**	**
Cook Inlet Drift 1980 1981 1981 1981 1982 37 1982 37 1982 37 1983 51 1982 37 1984 35 1985 39 1986 50 1986 50 1987 26 1988 28 1916 1989 35 168,400 1990 24 1991 28 177,214 1992 32 1988 1991 28 177,214 1992 32 1988 1991 28 177,214 1992 32 1987 1996 30 1997 34 195,074 1998 26 1915,333 1991 27 1988 28 115,333 1995 125 1980 1991 1981 1981 1982 1982 1982 1983 1995 1983 1995 1984 1984 1984 1984 1984 1984 1984 1984				_		
Cook Inlet Drift 1980 1981 48 \$67,290 1981 48 \$67,213 1982 37 \$57,866 1983 51 \$69,720 1984 35 \$66,306 1985 39 \$62,759 1986 50 \$63,902 1987 26 \$86,542 1988 28 \$126,138 1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 Cook Inlet Setnet 1980 42 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	**	Kodiak Seine	1980	24	\$70,688	\$75,000
1981			1981	20	\$68,625	\$75,000
1981			1982	29	\$75,511	\$80,000
1982 37 \$57,866 1983 51 \$69,720 1984 35 \$66,306 1985 39 \$62,759 1986 50 \$86,542 1988 28 \$126,138 1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 Cook Inlet Setnet 1980 42 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516 \$10,512 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$19,516 \$10,512 \$19,516 \$10,512 \$19,516 \$10,512 \$10,516 \$10,5	\$67,500		1983	28	\$69,903	\$73,250
1983	\$70,000		1984	17	\$61,265	\$60,000
1984 35 \$66,306 1985 39 \$62,759 1986 50 \$63,902 1987 26 \$86,542 1988 28 \$126,138 1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009	\$60,000		1985	23	\$46,337	\$43,000
1985 39 \$62,759 1986 50 \$63,902 1987 26 \$86,542 1988 28 \$126,138 1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 Cook Inlet Setnet 1980 42 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$71,000		1986	27	\$36,151	\$36,000
1986 50 \$63,902 1987 26 \$86,542 1988 28 \$126,138 1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 Cook Inlet Setnet 1980 42 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$70,000		1987	38	\$44,128	\$45,000 \$65,000
1987 26 \$86,542 1988 28 \$126,138 1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 \$26,00	\$63,000 \$65,000		1988 1989	34 22	\$66,491 \$132,795	\$135,000
1988 28 \$126,138 1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 Cook Inlet Setnet 1980 42 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 1994 19 1982 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$85,000		1990	17	\$146,588	\$150,000
1989 35 \$168,400 1990 24 \$203,063 1991 28 \$177,214 1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 23 \$26,009 24 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516 \$19,516 \$10,000 \$12,000 \$19,516 \$10,000 \$12,000 \$10,000	\$135,000		1991	15	\$119,170	\$120,000
1990	\$180,000		1992	20	\$69,850	\$70,000
1991	\$202,500		1993	17	\$60,897	\$61,000
1992 32 \$88,816 1993 21 \$89,786 1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 23 \$26,009 24 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$182,500		1994	25	\$46,518	\$42,500
1994 25 \$64,993 1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 24 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$90,000		1995	24	\$50,375	\$50,000
1995 32 \$84,186 1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 24 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$91,000		1996	12	\$46,333	\$46,500
1996 30 \$75,957 1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 23 \$26,009 24 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$65,000		1997	14	\$39,786	\$40,000
1997 34 \$75,074 1998 26 \$41,515 1999 23 \$26,009 23 \$26,009 23 \$26,009 23 \$26,009 24 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516 \$10.0000 \$10.000 \$10.0000 \$10.0000 \$10.0000 \$10.0000 \$10.	\$79,475		1998	11	\$33,043	\$31,500
1998 26 \$41,515 1999 23 \$26,009 Cook Inlet Setnet 1980 42 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$75,500		1999	21	\$29,119	\$30,000
1999 23 \$26,009 Cook Inlet Setnet 1980 42 \$15,333 1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$79,750	Kadial Basak Caina	4000	4	Ф40 COE	#45 000
Cook Inlet Setnet 1980 1981 59 \$15,332 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 1993 33 \$36,478 1994 199 49 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$45,000	Kodiak Beach Seine	1980	4	\$42,625	\$45,000
1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$25,000		1981 1982	7 2	\$42,429 **	\$45,000 **
1981 59 \$15,322 1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$15,000		1983	3	**	**
1982 42 \$17,190 1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$15,000		1984	2	**	**
1983 51 \$18,340 1984 45 \$17,078 1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$18,000		1985	4	\$23,750	\$25,000
1985 51 \$16,312 1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$17,500		1986	2	**	**
1986 60 \$18,310 1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$17,500		1987	5	\$25,000	\$23,000
1987 68 \$26,727 1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$16,000		1988	5	\$28,400	\$30,000
1988 46 \$41,151 1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$18,000		1989	6	\$34,833	\$34,000
1989 49 \$57,694 1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$25,000		1990	3	**	**
1990 42 \$91,171 1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$50,000		1991	2	**	**
1991 20 \$65,875 1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$60,000		1992	1	**	**
1992 25 \$40,793 1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$100,000 \$69,500		1994 1995	2 1	**	**
1993 33 \$36,478 1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$40,000		1996	•	**	**
1994 19 \$28,263 1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$35,000		1999	1	**	**
1995 23 \$30,283 1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$23,500					
1996 16 \$33,563 1997 31 \$25,173 1998 19 \$19,516	\$30,000	Kodiak Setnet	1980	9	\$39,861	\$40,000
1997 31 \$25,173 1998 19 \$19,516	\$28,000		1981	9	\$41,278	\$40,000
	\$25,000		1982	12	\$39,817	\$45,950
1999 25 \$13,586	\$18,000		1983	6	\$57,033	\$60,000
	\$13,000		1984	11	\$57,200	\$55,000
			1985	7	\$56,357	\$55,000
Cook Inlet Herring Seine 1980 1 **	**		1986	19	\$61,792	\$60,000
1981 3 **	**		1987	8	\$60,122	\$62,750
1982 1 ** 1984 1 **	**		1988	3	** CO E 40	#* #76.40F
1304			1989 1990	6 6	\$69,542 \$85,000	\$76,125 \$90,000
1985 10 \$16,700 1986 13 \$31,362	\$15,500 \$31,000		1990	3	\$85,000 **	ψ 3 υ,υυυ **
	ψυ ι,υυυ		1991	9	\$109,722	\$100,000
			1993	8		\$111,000
1989 4 \$211,250	\$100,000 \$195,000			5		\$100,000

Table 14. Mean and Median Permit Prices From Survey Data, by Fishery and Year, 1980 - 1999 *

Table 14. Mean and Median Permit Prices From Survey Data, by Fishery and Year, 1980 - 1999 *

		Number	Mean	Median				Number	Mean	Median
Fishery	Year	of Sales	Value	Value		Fishery	Year	of Sales	Value	Value
	4005		***	***			4000		**	**
	1995 1996	4 7	\$92,625 \$75,961	\$85,000 \$80,000			1989 1990	2 2	**	**
	1990	6	\$107,500	\$106,500			1990	6	\$191,717	\$185,000
	1998	9	\$86,994	\$85,000			1993	2	**	**
	1999	9	\$91,667	\$100,000			1994	3	**	**
			, , , , , ,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1995	1	**	**
Kodiak Herring Seine	1985	4	\$36,250	\$35,000			1996	2	**	**
	1986	7	\$23,286	\$25,000			1998	1	**	**
	1987	9	\$22,611	\$23,000			1999	3	**	**
	1988	2	**	**						
	1989	3				Pen/Aleutian Drift	1980	8	\$95,875	\$95,000
	1990	5 3	\$70,500	\$62,500			1981	10	. ,	\$125,000
	1991 1992	10	\$47,600	\$50,000			1982 1983	9	\$119,000 \$145,778	\$150,000 \$150,000
	1993	3	**	\$30,000 **			1984	7	\$186,429	\$190,000
	1994	10	\$66,680	\$67,750			1985	15	\$159,153	\$184,000
	1995	6	\$88,000	\$87,500			1986	13		\$200,000
	1996	4	\$103,000	\$102,000			1987	7	\$215,429	\$220,000
	1997	2	**	**			1988	2	**	**
	1998	1	**	**			1989	5	\$344,000	\$350,000
	1999	2	**	**			1990	11	\$356,136	\$360,000
							1991	6	\$357,000	\$375,000
Kodiak Herring Gillnet	1984	1	**	**			1992	7	\$319,286	\$310,000
	1985	10	\$15,600	\$15,000			1993	9	\$389,932	\$400,000
	1986	10	\$16,600	\$16,000			1994	4	\$329,750	\$324,500
	1987	6	\$15,250	\$15,500			1995	6	\$305,167	\$300,000
	1988 1989	18 12	\$16,511 \$22,813	\$16,000 \$25,000			1996 1997	9	\$287,222 **	\$300,000
	1990	8	\$22,013	\$30,500			1998	1	**	**
	1991	8	\$31,125	\$31,000			1999	6	\$154,433	\$138,000
	1992	7	\$26,886	\$28,000			.000		Ψ.σ.,.σσ	ψ.σσ,σσσ
	1993	4	\$26,000	\$28,000		Pen/Aleutian Setnet	1980	5	\$14,500	\$10,000
	1994	7	\$25,429	\$25,000			1981	9	\$54,278	\$35,000
	1995	10	\$25,050	\$25,000			1982	11	\$54,636	\$50,000
	1996	16	\$27,725	\$27,750			1983	11	\$50,836	\$60,000
	1997	6	\$27,000	\$28,250			1984	9	\$45,332	\$50,000
	1998	1	**	**			1985	7	\$47,500	\$52,000
Chianik Caina	1001	2	**	**			1986	7	\$56,357	\$57,000
Chignik Seine	1981 1982	3 2	**	**			1987 1988	9	\$55,722 **	\$60,000 **
	1983	2	**	**			1989	1	**	**
	1984	4	\$322,500	\$320,000			1990	3	**	**
	1985	3	**	**			1991	3	**	**
	1986	2	**	**			1992	7	\$101,429	\$95,000
	1988	1	**	**			1993	9	\$129,444	\$125,000
	1989	2	**	**			1994	3	**	**
	1990	2	**	**			1995	11	\$117,500	\$110,000
	1991	2	**	**			1996	3	**	**
	1992	2	**	**			1997	10	\$107,470	\$95,000
	1993 1994	2 3	**	**			1998 1999	4 2	\$78,750 **	\$77,500 **
	1994	6	\$228,333	\$225,000			1999			
	1996	4	\$194,500	\$194,000		Bristol Bay Drift	1980	79	\$88,108	\$100,000
	1997	6	\$188,333	\$191,500		2.10to: 2a, 2t	1981	89	\$82,107	\$85,000
	1999	4	\$158,750	\$140,000			1982	112	\$94,383	\$100,000
				· .			1983	97	\$99,072	\$100,000
Pen/Aleutian Seine	1980	2	**	**			1984	88	\$117,036	\$122,500
	1981	2	**	**			1985		\$114,647	\$122,000
	1982	2	**	**			1986	97	\$121,120	\$127,000
	1983	6	\$195,000	\$202,500			1987		\$130,265	\$130,000
	1984	3	#* #054.050	#* #055 000			1988	77	\$167,461	\$170,000
	1986	4	\$251,250	\$255,000			1989		\$233,400	\$256,125
	1987 1988	4	\$145,000 \$149,625	\$150,000			1990 1991	60 61	\$212,855 \$201,173	\$216,500 \$217,500
	1988	1 4	φ149,025	φ1/4,000	I		1991	ן ס'ו	φ∠∪1,1/3	φ∠ 17,500

Table 14. Mean and Median Permit Prices From Survey Data, by Fishery and Year, 1980 - 1999 *

Median Number Mean Median Number Mean of Sales Fishery Year of Sales Value Value Fishery Year Value Value 1992 \$187,201 \$185,000 1992 \$10,900 67 5 \$10,000 1993 \$187,248 \$203,500 1993 3 ** 1994 1994 3 79 \$161,909 \$160,000 1995 87 \$190,870 \$190,000 1995 1 5 \$8,700 1996 66 \$171,564 \$170,000 1996 \$8,500 2 1997 \$154,134 \$164,000 1997 66 1998 \$99,865 \$96,250 1998 2 70 ** ** 2 1999 \$89,725 \$90,000 51 1999 **Bristol Bay Setnet** 1980 49 \$30,689 \$30,000 Kuskokwim Gillnet 1980 16 \$6,875 \$7,000 1981 56 \$32,370 \$35,000 1981 \$8,339 \$8,000 14 1982 71 \$37,359 \$40,000 1982 8 \$9,563 \$10,000 9 1983 49 \$41,680 \$42,000 1983 \$10,000 \$10,222 1984 47 \$40,766 \$40,000 1984 15 \$9,893 \$10,000 1985 48 \$35,974 \$36,750 1985 6 \$10,083 \$10,000 1986 61 \$33,300 \$33,500 1986 15 \$10,133 \$10,000 1987 64 \$34,453 \$35,000 1987 8 \$9,563 \$10,000 1988 47 \$46,508 \$45,000 1988 18 \$9,669 \$10,000 1989 39 \$63,731 \$60,000 1989 20 \$12,050 \$11,250 1990 33 \$60,545 \$67,500 1990 18 \$12,056 \$12,000 1991 40 \$58,425 \$62,500 1991 12 \$13,417 \$14,250 1992 47 \$48,904 \$50,000 1992 15 \$12,333 \$13,000 \$12,500 1993 31 \$48,016 \$50,000 1993 17 \$12,735 1994 30 \$35,767 \$36,000 1994 5 \$12,500 \$12,500 1995 36 \$41,797 \$40,000 1995 15 \$11,967 \$12,000 1996 49 \$41,253 \$40,500 1996 3 1997 33 \$38,985 \$38,000 1997 6 \$9,683 \$10,000 1998 30 \$30,760 \$30,000 1998 4 \$9,000 \$9,000 1999 31 \$31,306 \$30,000 1999 3 BBay Herr Spawn on 1993 1 Nelson Is Herring Gillnet 1995 2 ** Kelp 1996 3 ** 1994 \$5,250 1997 4 \$5,375 1 1995 5 \$4,052 \$4,761 1996 1996 6 \$4.500 \$4.500 Nunivak Herring Gillnet 1997 4 \$5,000 \$4,750 Kotzebue Gillnet 1980 3 Upper Yukon Gillnet 1981 3 \$7,750 1981 8 \$7,813 1982 6 \$8,367 \$9,500 1982 \$9,591 \$10,000 11 5 \$13,083 1983 \$12,000 1983 \$14,500 \$10,600 12 1984 1 1984 2 1985 2 1985 3 3 6 \$10,708 1986 1986 \$10,819 1987 2 1987 4 \$9,500 \$9,000 3 1988 1988 11 \$7,505 \$8,000 1989 4 \$9,875 \$10,000 1989 3 1990 4 \$11,250 \$11.500 1990 8 \$8,250 \$7,500 1991 1 1991 1 4 1993 1 1992 \$10,500 \$9,500 ** 2 1996 1993 1 1999 1 1994 1

Table 14. Mean and Median Permit Prices From Survey

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**

**

\$9,289

\$9,545

\$18,250

\$22,346

\$28,441

\$22,917

\$22,455

\$20,688

3

1

2

9

11

12

26

17

12

12

1995

1996

1998

1999

1980

1981

1982

1983

1984

1985

1986

1987

Lower Yukon Gillnet

**

\$9,000

\$10,000

\$16,500

\$21,250

\$26,000

\$23,000

\$23,500

\$20.750

Data, by Fishery and Year, 1980 - 1999 *

\$11,100

\$10,000

\$11,000

\$13,000

\$13,000

\$9,000

\$9,500

\$12,500

\$10,400

Upper Yukon Fish Wheel

1980

1981

1982

1983

1984

1985

1986

1987

1988

1989

1990

1991

5

14

8

7

6

3

2

9

5

3

6

7

\$9,320

\$10,893

\$10,500

\$11,643

\$12,333

\$9,089

\$8,700

\$11,667

\$10,843

Table 14. Mean and Median Permit Prices From Survey Data, by Fishery and Year, 1980 - 1999 *

		Number	Mean	Median
Fishery	Year	of Sales	Value	Value
•				
	1988	13	\$20,669	\$20,200
	1989	11	\$25,527	\$25,000
	1990	9	\$24,778	\$25,000
	1991	12	\$23,904	\$25,000
	1992	10	\$27,680	\$30,000
	1993	8	\$31,359	\$30,000
	1994	7	\$24,543	\$24,800
	1995	10	\$23,000	\$21,500
	1996	11	\$19,500	\$19,000
	1997	9	\$17,489	\$18,000
	1998	12	\$15,958	\$15,250
	1999	12		
	1999	12	\$12,167	\$12,250
Norton Sd Gillnet	1980	11	\$7,909	\$7,000
	1981	10	\$9,450	\$10,000
	1982	10	\$10,100	\$10,000
	1983	7	\$10,100	\$10,000
	1984	5	\$11,429	\$12,000
	1985	6	\$12,167 \$10,167	\$12,000
	1986	6	\$10,167	\$10,500
	1987	4	\$9,750 **	\$10,000
	1988	3		
	1989	7	\$9,214	\$10,000
	1990	2	**	**
	1991	5	\$8,100	\$8,000
	1992	2	**	**
	1993	2	**	**
	1994	4	\$7,775	\$7,550
	1995	5	\$6,820	\$7,000
	1996	2	**	**
	1997	4	\$5,175	\$5,250
	1998	3	**	**
	1999	1	**	**
Norton Sd Herring Gillnet	1990	26	\$29,731	\$30,000
	1991	27	\$35,370	\$37,000
	1992	8	\$27,813	\$28,250
	1993	4	\$22,250	\$20,250
	1994	8	\$14,000	\$13,000
	1995	20	\$13,550	\$12,000
	1995	48	\$21,818	\$22,375
	1990	14	\$18,786	
	1997	7		\$20,000
	1990	7	\$9,014	\$10,800
	1999	'	\$7,929	\$8,500
SE Dungeness 300 Pot	1997	14	\$87,036	\$90,000
22 24 ngo 11000 000 1 01	1998	5	\$70,800	\$82,500
	1999	2	**	ψ02,300 **
	.555			
SE Dungeness 225 Pot	1997	11	\$65,133	\$67,000
g	1998	5	\$57,750	\$60,000
	1999	2	**	**
		_		
SE Dungeness 150 Pot	1997	28	\$41,736	\$41,625
5 5 -	1998	15	\$40,140	\$40,000
	1999	2	**	**
	1333	_		
SE Dungeness 75 Pot	1997	24	\$21,740	\$21,000

Table 14. Mean and Median Permit Prices From Survey Data, by Fishery and Year, 1980 - 1999 *

		Missaalaan	Mann	Madian
		Number	Mean	Median
Fishery	Year	of Sales	Value	Value
	1999	9	\$16,194	\$15,000
Cook Inlet Dungeness	1997	1	**	**
Pot				
PWS Sablefish Fixed 50ft	1998	1	**	**
	1999	1	**	**
PWS Sablefish Fixed 35ft	1999	1	**	**
T TTO Cablelloll I IXCa coll	1000	·		
N. SE Herring Pound	1998	3	**	**
14. OE Hennig Found	1999	6	\$16,583	\$16,000
	1999	U	φ10,303	\$10,000
S SE Harring Bound	1999	2	**	**
S. SE Herring Pound	1999	2		
CE Chairea Decar Tread	4000	4	**	**
SE Shrimp Beam Trawl	1999	1		
OF Obstance Date	4000	_	#04.000	#00.500
SE Shrimp Pot	1998	5	\$21,300	\$23,500
	1999	11	\$15,409	\$15,000

Notes

^{*} Because permit prices of less than \$500 are excluded, average permit values in this table will vary somewhat from those reported in CFEC Annual Reports, which use different criteria for excluding data.

^{**} All instances where there are less than four transactions are masked due to confidentiality statutes.

Endnotes:

- 1. (page 3) Although 13,331 transferable permits were initially issued (Table 3), the actual number of transferable permits at the end of 1999 was 13,323 (Tables 1 and 3). These totals differ because 137 transferable permits were revoked and 129 nontransferable permits were reclassified as transferable following adjudication of permit claims.
- 2. (page 3) Because some permits may be transferred more than once during a year, the ratio of permits transferred to available transferable permits would be slightly less.
- 3. (page 5) The Alaska Urban Local category is not applicable for several fisheries which have no local urban communities. These fisheries are: Yakutat set net, Chignik seine, Bristol Bay salmon drift and set net, Bristol Bay herring spawn on kelp, Lower Yukon salmon and herring gill net, and the Nelson Island, Nunivak Island, and Goodnews Bay herring gill net fisheries.
- 4. (page 20) See CFEC Changes in the Distribution of Permit Ownership in Alaska's Limited Fisheries, 1975-1981; February, 1983.
- 5. (page 21) The percentage of State-financed permits increases to 26.6% when only the purchases by Alaska residents are considered (Table 13).
- 6. (page 23) Permit price estimates produced for this report may differ from the CFEC monthly permit value report due to the more stringent exclusion criteria used for the monthly report.