

### III. GEOGRAPHIC DISTRIBUTION OF PERMITS, TRANSFERS AND MIGRATIONS

The effects of permit transfers and migration of permit holders are examined in this portion of the report. Both statewide and fishery-specific information is provided.

#### Classification of Permit Holders

In order to measure the changes in the distribution of permits, permit holders have been classified into broad categories according to where they reside. Langdon<sup>1</sup> divided a fishery's permit holders who were residents of Alaska into those who had domiciles which were "local" and those who were "nonlocal" to the fishery. He further defined Alaskan domiciles as "rural" or "urban." Non-Alaskans were lumped into a single "nonresident" category.

Langdon's conceptual categories are a useful way to examine the geographic distribution of permits and are used in this report. The resident types are:

**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;<sup>2</sup>

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

**NON:** *Nonresident* of Alaska;

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

Combinations of these resident types are also used in this report. In some cases, ARLs and ARNs will be combined into a "rural" category; AULs and AUNs into an "urban" category; ARLs and AULs

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<sup>1</sup> Langdon, S. "Transfer Patterns in Alaskan Limited Fisheries" January 17, 1980.

into a "local" category; ARNs and AUNs into a "nonlocal" category; and ARLs, ARNs, AULs, and AUNs into an "Alaskan" category.

The numbers of Alaskans and nonresidents presented in this report may differ from other CFEC publications (specifically CFEC Annual Reports) because a more conservative residency definition is used. For this report, to be classified as an Alaska resident, a permit holder must have sworn that they are an Alaska resident on permit renewal or transfer forms, and they must also have provided an Alaskan address. (CFEC Annual Reports produce resident/nonresident totals based upon the residency status from the permit renewal form only.)

The decision rules for designating urban and local classifications are described in Appendix A. Essentially the rural/urban distinction is based on a population size of 2,500 or more, as of the 1990 census, which is a departure from the 2,000 level used in the pre-1990 editions of this report. Some communities with populations less than 2,500 are classified as urban because they lie on a road system and are within a certain radius of an urban center. For instance, Auke Bay is designated as urban, even though it has a small population, because it is situated on a road system and is within 20 miles of Juneau.

The local/nonlocal distinction is primarily based on the Alaska Department of Fish and Game's salmon administrative areas. Some inland communities are considered local to fisheries in areas such as the Yukon River and Bristol Bay. A thorough description of local/nonlocal decision rules can be found in Appendix A.

Prior to 1978 the resident type classifications were based on the address provided to CFEC by the permit holder during the issuance, renewal and transfer processes. During those early years, some nonresidents listed an Alaskan address and were classified as Alaska residents. After 1978, CFEC renewal and transfer forms included a sworn declaration of residency, and resident/nonresident data have become more accurate in later years.

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<sup>2</sup> The Alaska Urban Local category is not applicable for several administrative areas which have no local communities classified as urban. These include the salmon administration areas of Yakutat, Chignik, Bristol Bay, and the Lower Yukon and the herring administrative areas of Bristol Bay, the Lower Yukon, Nelson Island, Nunivak Island and Goodnews Bay.

Beginning in 1982, permit renewal forms included space for both a permanent address and a temporary mailing address, but for the 1975-1981 period there was only one address on the form. In some cases, this address may actually have been a temporary mailing address on the fishing grounds and the permit holder could have been mistakenly classified as local to the fishery. The number of fishermen who have been misclassified because of this problem is unknown; however, this source of error appears to be fairly small, and from 1982 forward temporary mailing addresses should not be a major cause of erroneous resident classifications.<sup>3</sup>

### **Geographic Distribution of Initial Issues**

Hardship ranking systems, or "point systems," based upon past participation and economic dependence were developed for each fishery and used to allocate the original permits. The resulting distribution of both transferable and nontransferable permits among the resident types appears in Table 3.

Over all fisheries, Alaska residents received 82.2% (12,540 permits) of the initial allocation of permits and Nonresidents received 17.8% (2,714 permits) through 1999. Of the 13,331 transferable permits issued, Alaska Rural Local applicants received more permits than any other resident type (6,370 permits or 47.8%). The Alaska Urban Locals received 3,109 permits (23.3%) and the Nonresidents received 2,546 permits (19.1%). Less than 10% of the transferable permits were issued to the combined Alaska Rural Nonlocal (407 permits or 3.1%) and Urban Nonlocal resident types (899 permits or 6.7%).

The percentages of transferable permits issued to the resident types vary widely between individual fisheries and between groups of fisheries. For example, Alaska Rural Locals were issued 39.0% of the 8,086 transferable permits in the group of original 19 salmon fisheries, 80.0% of the transferable AYK salmon permits. Alaska Rural Locals were also issued 20.0% of the transferable permits in the roe herring fisheries in which permits were first issued in 1977-1978, 39.6% of the transferable permits for fisheries in which permits were first issued in 1980-1987, 79.4% of the transferable westward herring roe fisheries in which permits were first issued in 1988-1991, 28.9% of the

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<sup>3</sup> The first edition of this report (1983) estimated the number of transfers involving permit holders who used an "in care of" address at 2%. Since then there have been major permit file data corrections which included replacing temporary mailing addresses with permanent addresses.

transferable Dungeness fisheries in which permits were first issued in 1997, 43.9% of the transferable PWS sablefish and Southeast herring pound and Southeast shrimp fisheries in which permits were first issued in 1998, and 32.9% of the transferable Goodnews Bay herring gillnet fishery in which permits were first issued in 1999.

By the end of 1999, the distribution of permits among the resident types had changed to the levels shown in Table 4. Alaska Residents held 77.8% (11,113 permits) of all permits and Nonresidents held 22.2% (3,178 permits). At the end of 1999, residents held 76.8% (10,229 permits) and nonresidents held 23.1% (3,078 permits) of the 13,323 existing transferable permits. Sixteen transferable permits had been foreclosed upon by the Department of Community and Economic Development or the Commercial Fishing and Agriculture Bank and had yet to be transferred.

Changes in the distribution of all permits to assigned residency types includes a 20.1% (1,417 permits) decrease in the total number of permits held by Alaska Rural Locals from the time of initial issue to yearend 1999. At yearend 1999, Alaska Rural Locals held 50.7% of all Resident permits (5,635 out of 11,113) and 39.4% of the total permits (5,635 out of 14,291). Alaska Rural Locals held 51.3% (5,243 out of 10,229) of the transferable permits held by Alaskan residents and 39.4% of all transferable permits (5,243 out of 13,323). Generally, Alaska Rural Locals have experienced the largest percentage decreases of transferable permits in the fisheries which have been limited the longest.

The total number of permits held by Alaska Urban Locals decreased by 571 (14.0%) permits by the end of 1999. The total number of permits held by Alaska Urban Nonlocals increased by 516 permits, a 52.6% increase, the largest percent change of any residency type. Alaska Rural Nonlocals and Nonresidents also increased their holdings of permits: 6.7% (29 permits) for Nonlocals and 17.1% (464 permits) for Nonresidents.

### **Geographic Changes in the Distribution of Permits Due to Transfer**

To examine the geographical changes in permit distribution attributable to transfer activity, transfers have been divided into two groups: one containing transfers between permit holders of the same resident type and the other containing transfers between persons of different resident types. Transfers

within the same resident type are termed "intra-cohort" while transfers between different resident types are termed "cross-cohort." Cross-cohort transfers may result in a net change in the distribution of permits among the resident types.

The 25,197 transfers are organized into these categories in Table 5 and the actual numbers of transfers from one resident type to another are presented by year. The majority of all transfers in each year have been between persons of the same resident type. The annual percentage of intra-cohort transfers was highest in the early years from 1975 to 1981. The average intra-cohort transfer percentage was 63.9% over all years.

The percentage of intra-cohort to cross-cohort transfers varies by resident type. Alaska Urban Locals have the highest proportion of intra-cohort transfers (69.7% of their transfers over all years) and Alaska Rural Nonlocals the lowest (36.7%). Alaska Urban Nonlocals also show a lower than average percentage of transfers to persons of the same resident type (51.9%). Alaska Rural Locals and Nonresidents have similar proportions of intra-cohort transfers (65.9% and 64.7%, respectively).

Information on the intra-cohort and cross-cohort transfers for each fishery, all years combined, is provided in Table 6. With few exceptions, the majority of transfers within each fishery have been intra-cohort.

The cumulative net results of cross-cohort transfers to each resident type, by fishery, are shown in Table 7. Note that if transfers have not occurred in a particular fishery, that fishery does not appear in the table. By yearend 1999, the following changes had occurred in the distribution of transferable permits as a result of cross-cohort transfer activity:

1. Permits held by Alaska Rural Locals decreased in 34 of the listed fisheries as a result of cross-cohort transfer activity, which resulted in a statewide net decrease of 710 ARL permits (11.1% of the 6,370 transferable permits originally issued to ARLs). The Bristol Bay drift and set gillnet fisheries have had the largest numerical net decreases due to transfer activity (391 permits combined) which represent 55.1% of the 710 permit decrease. This 391 permit decrease is 31.2% of the 1,252 transferable permits originally issued to ARLs in these two fisheries.
2. Permits held by Alaska Rural Nonlocals increased by 33 permits due to net transfer activity, an 8.1% increase of the 407 transferable permits issued to this resident type.

3. Permits held by Alaska Urban Locals increased by 117 permits due to net transfer activity (3.8% of the 3,109 transferable permits originally issued to this group). The largest net increases were in the power troll (38 permits), and the Kodiak salmon seine (42 permits) and Kodiak salmon setnet (37 permits) fisheries. In contrast, the number of permits held by Urban Locals decreased in 18 other fisheries.

4. Permits held by Alaska Urban Nonlocals have increased by 404 permits, a 44.9% increase over the 899 transferable permits initially issued to this resident type. The number of transferable permits held by Alaska Urban Nonlocals has increased in 30 fisheries, especially the Bristol Bay salmon fisheries (177 permits), the Prince William Sound salmon fisheries (118 permits), and the Lower Yukon salmon gillnet fishery (25 permits).

5. The number of permits held by Nonresidents increased by 140 permits statewide through net transfer activity, a 5.5% increase over the 2,546 nonresident transferable permits originally issued to nonresidents. The number of transferable permits increased in 19 of the fisheries, especially the Bristol Bay salmon fisheries (225 permits), the salmon hand troll fishery (55 permits), the Cook Inlet salmon setnet fishery (35 permits) and the Southeast salmon seine (15 permits) fishery.

In 27 other fisheries the number of permits held by Nonresidents decreased, especially the power troll (99 permits), the Kodiak salmon seine (49 permits) and setnet (31 permits), and the Cook Inlet drift gillnet (26 permits) fisheries.

### **Geographic Changes in the Distribution of Permits Due to Migration**

Other changes in residency patterns of permit distribution occur when permit holders move from one community to another. During the 1975-1999 time period there were 7,452 city and/or residence indicator changes which resulted in a resident type reclassification and have been defined as "migrations" for the purposes of this report.

Migrations to and from each resident type for both transferable and nontransferable permits are shown in Table 8. In general, there appears to be considerable movement both to and from each resident type.<sup>4</sup> The net results of migratory activity to each resident type over the entire period are shown by fishery in Table 9. Some recently limited fisheries have had no migratory activity and are thus not listed in these tables.

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<sup>4</sup> The extent of migration before 1982 might be overstated because of the use of temporary mailing addresses during the permit renewal process. As noted previously, this problem has been reduced by recent form revisions which allow for both a permanent address and a temporary mailing address.

The 1975-1999 geographical shifts in the distribution of permits due to migration can be briefly summarized as follows:

1. Statewide, the number of permits held by Alaska Rural Locals decreased by 453 permits due to migration. Migratory activities did not affect all fisheries in the same manner, however. There were ARL net decreases in 37 permit types and ARL net increases in 5 others.

The number of permits held by ARLs decreased primarily in the AYK salmon fisheries (157 permits), the Bristol Bay setnet fishery (59 permits), the Prince William Sound salmon seine fishery (41 permits), and the hand troll fishery (40 permits). ARL gains through migration were made in the Cook Inlet setnet (14 permits), Chignik seine (14 permits) and Southeast drift gillnet fisheries (11 permits).

2. The number of permits held by Alaska Rural Nonlocals increased by 8 due to net migration. Fisheries with the greatest amount of increase were the AYK salmon fisheries (45 permits) and the Kodiak salmon seine (8 permits).

3. The number of permits held by Alaskan Urban Locals decreased by 219 as the result of net migration. The decrease was primarily in the hand troll (64 permits), the Cook Inlet setnet (48 permits), and the Kodiak salmon seine (39 permits).

4. The number of permits held by Alaskan Urban Nonlocals increased by 181. Permits held by AUNs increased by 101 permits in the AYK salmon fisheries and 30 permits in the hand troll fishery. However, there were net decreases in 11 fisheries, particularly in the herring fisheries limited in 1977-78 (25 permits).

5. Alaska residents who moved out of state resulted in a net increase of 483 Nonresident permits. The Nonresident category shows net changes in the number of permits in 44 different permit types, 40 of which indicate net increases. The largest net increases in permits held by Nonresidents were in the Bristol Bay salmon fisheries (102 permits), the Kodiak purse seine and setnet salmon fisheries (68 permits), the hand troll fishery (71 permits), and the Cook Inlet salmon fisheries (66 permits). The Southeast drift gillnet fishery had the largest gain in the number of Alaska resident permits (13 permits) from nonresidents.

## Summary of Changes in Permits Held by Resident Type

A yearly summary of the net changes in the distribution of permits by resident type as a result of transfers, migrations and revocations is provided in Table 10. The cumulative effects of these changes are summarized below:

1. Alaska Rural Locals were issued 7,052 permits, (transferable and nontransferable, Table 3) through yearend 1999, which represented 46.2% of all permits. At yearend 1999, 5,635 (39.4%) of all permits were held by ARLs (Table 4). The decrease of 1,417 permits represents 20.1% of all permits originally issued to this group. Transfer activities account for 50.1% of the decrease (710 permits) followed by migration (32.0% or 453 permits) and revocations (17.9% or 254 permits).

The number of permits held by Alaska Rural Locals declined in nearly every year since 1977. Since 1987, migration of permit holders away from rural local communities has accounted for most of the decrease, whereas transfers accounted for most of the decline before 1987.

2. Alaska Rural Nonlocals were initially issued 431 permits (2.8% of all permits). By the end of 1999, the number of permits held by ARNs rose to 460 (3.2% of all permits). The increase of 29 permits represents a 6.7% increase over the number of permits originally issued to this group. The net increase comes from transfer activity (33 permits) and migration (8 permits).

3. Alaska Urban Locals received 4,076 of all permits issued through 1999 (26.7% of all permits). They held 3,505 permits at yearend 1999 (24.5% of all permits), a decrease of 571 permits. Revocations of permits (469 permits) have been the major factor in this decrease.

Transfer activities resulted in a net increase of Alaska Urban Local permits due to large gains over the 1975 through 1981 period. However, beginning in 1982 and continuing through 1995, transfer activities reduced the number of permits held by Alaska Urban Locals.

4. Alaska Urban Nonlocals received 981 (6.4%) of all permits issued through 1999. At the end of 1999, the number of permits held by AUNs had risen to 1,497 (10.5% of all permits). The increase of 516 permits represents a 52.6% increase over the number of permits originally issued to this group. Transfer activities have been primarily responsible for the increase, with net increases shown in nearly every year from 1979 through 1995.

5. Nonresidents received 2,714 of all permits issued through 1999 (17.8% of all permits). By the end of 1999, 3,178 permits were held by Nonresidents (22.2%). The 464 net permit increase represents a 17.1% increase over the number of permits originally issued to this group.



Annual net changes in the number of permits held by Nonresidents due to transfer and migration have fluctuated greatly. The recent net change from 1986 through 1999 has been influenced more by migration (494 permit increase) than by transfer (32 permit decrease).

Appendix C documents initial issuance, transfer, migration, and revocation of permits by fishery and by year for each of the resident types. An in-depth analysis of the movements of permits from Alaska Rural Local permit holders and from the Alaska Local permit holders (combined group of Alaska Rural Locals and Alaska Urban Locals) will be presented in subsequent chapters of this report.

TABLE 3. Total Number of Initial Permit Holders, by Fishery and Resident Type, 1975-1999\*

Permits First Issued in:	All Permits Issued to					All Transferable Permits Issued to**					All Permits	
	ARL	ARN	AUL	AUN	NON	ARL	ARN	AUL	AUN	NON	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	128	3	0	22	18	128	3	0	22	18	153	171
PWS Seine	169	3	16	23	55	169	3	16	23	55	211	266
PWS Drift	338	17	12	31	139	338	17	12	31	139	398	537
PWS Setnet	17	0	4	2	7	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	1109	1854
Bristol Bay Setnet	<u>659</u>	<u>39</u>	<u>0</u>	<u>182</u>	<u>155</u>	<u>555</u>	<u>28</u>	<u>0</u>	<u>157</u>	<u>137</u>	<u>880</u>	<u>1035</u>
	3261	281	1773	665	2269	3156	269	1771	640	2250	5980	8249
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	<u>177</u>	<u>1</u>	<u>23</u>	<u>2</u>	<u>0</u>	<u>177</u>	<u>1</u>	<u>23</u>	<u>2</u>	<u>0</u>	<u>203</u>	<u>203</u>
	1770	29	384	24	5	1770	29	384	24	5	2207	2212
1977-78												
SE Her Seine	4	0	37	0	4	4	0	37	0	4	41	45
SE Her Gillnet	18	0	63	1	25	18	0	63	1	25	82	107
PWS Her Seine	29	13	3	48	11	29	13	3	48	11	93	104
Cook Inlet Her Seine	<u>15</u>	<u>1</u>	<u>34</u>	<u>16</u>	<u>8</u>	<u>15</u>	<u>1</u>	<u>34</u>	<u>16</u>	<u>8</u>	<u>66</u>	<u>74</u>
	66	14	137	65	48	66	14	137	65	48	282	330
1980-87												
Hand Troll	791	6	1156	52	155	324	1	332	11	37	2005	2160
NSEI Sable Longline	5	0	25	2	6	5	0	25	2	6	32	38
SSEI Sable Longline	0	0	2	0	2	0	0	2	0	2	2	4
SSEI Sable Pots	0	0	0	1	0	0	0	0	1	0	1	1
SE R/B King Crab Pot	0	0	1	0	0	0	0	1	0	0	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 Her Gillnet	13	0	7	0	4	13	0	7	0	4	20	24
PWS Her Pound	62	0	5	25	36	62	0	5	25	36	92	128
Kodiak Her Seine	11	6	43	4	12	9	3	36	2	4	64	76
Kodiak Her Gillnet	5	7	49	37	8	5	6	38	26	6	98	106
Kodiak Her Seine/Gill	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>2</u>
	892	19	1313	121	225	423	10	471	67	96	2345	2570
1988-91												
BBay Her Spawn on Kelp	268	5	0	5	5	268	5	0	5	5	278	283
Norton Sd Her B Seine	0	1	0	0	3	0	1	0	0	3	1	4
Nelson Is Her Gillnet	128	6	0	8	7	128	6	0	8	7	142	149
Nunivak Her Gillnet	44	2	0	8	3	41	2	0	7	3	54	57
L Yukon Her Gillnet	83	1	0	2	0	83	1	0	2	0	86	86
Norton Sd Her Gillnet	<u>132</u>	<u>18</u>	<u>7</u>	<u>41</u>	<u>48</u>	<u>132</u>	<u>18</u>	<u>7</u>	<u>41</u>	<u>48</u>	<u>198</u>	<u>246</u>
	655	33	7	64	66	652	33	7	63	66	759	825

TABLE 3. Total Number of Initial Permit Holders, by Fishery and Resident Type, 1975-1999\*

Permits First Issued in:	All Permits Issued to					All Transferable Permits Issued to**					All Permits	
	ARL	ARN	AUL	AUN	NON	ARL	ARN	AUL	AUN	NON	Alaska Total	Grand Total
1997												
SE Dunge Ring Net	4	0	4	0	0	0	0	0	0	0	8	8
SE Dunge Dive	0	0	3	0	0	0	0	0	0	0	3	3
SE Dunge 300 Pot	8	0	31	0	12	8	0	31	0	12	39	51
SE Dunge 225 Pot	13	0	22	1	10	13	0	22	1	10	36	46
SE Dunge 150 Pot	25	0	45	0	12	25	0	45	0	11	70	82
SE Dunge 75 Pot	44	1	47	0	14	33	1	28	0	6	92	106
CI Dunge Ring Net	1	0	0	0	0	0	0	0	0	0	1	1
CI Dunge Pot	<u>13</u>	<u>3</u>	<u>50</u>	<u>2</u>	<u>2</u>	<u>9</u>	<u>2</u>	<u>44</u>	<u>2</u>	<u>2</u>	<u>68</u>	<u>70</u>
	108	4	202	3	50	88	3	170	3	41	317	367
1998												
N. SE Her Pound	12	0	56	4	12	12	0	56	4	12	72	84
S. SE Her Pound	130	0	65	1	13	100	0	43	1	10	196	209
SE Shrimp Beam	1	0	3	0	1	1	0	3	0	1	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 Sable Fixed 90ft	1	0	0	0	0	1	0	0	0	0	1	1
PWS Sable Fixed 50ft	1	0	1	21	3	1	0	1	21	3	23	26
PWS Sable Fixed 35ft	<u>2</u>	<u>1</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>5</u>	<u>7</u>
	274	3	260	34	51	189	1	169	32	40	571	622
1999												
Goodnews Bay Her Gillnet	<u>26</u>	<u>48</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>26</u>	<u>48</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>79</u>	<u>79</u>
	26	48	0	5	0	26	48	0	5	0	79	79
Overall Total	7052	431	4076	981	2714	6370	407	3109	899	2546	12540	15254

\* The table includes 1002 permits which were later revoked because of administrative error, forfeit, or criminal action. Thirty-nine of these permits were subsequently re-instated.

\*\* By 1999, 129 non-transferable permits had become transferable through adjudication.

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

TABLE 4. 1999 Yearend Distribution of Permit Holders by Fishery and Resident Type\*

Permits First Issued in	All Permits Issued to						All Transferable Permits Issued to**						All Permits	
	ARL	ARN	AUL	AUN	NON	DCED CFAB	ARL	ARN	AUL	AUN	NON	DCED CFAB	Alaska Total	Grand 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	42	3	0	27	17	1	42	3	0	27	17	1	73	90
Pen/Aleutian Seine	81	0	0	8	31	0	81	0	0	8	31	0	89	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	<u>423</u>	<u>43</u>	<u>0</u>	<u>273</u>	<u>269</u>	<u>0</u>	<u>368</u>	<u>41</u>	<u>0</u>	<u>259</u>	<u>252</u>	<u>0</u>	<u>739</u>	<u>1008</u>
	2388	267	1807	1062	2659	10	2331	265	1807	1048	2642	10	5534	8193
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	<u>148</u>	<u>4</u>	<u>19</u>	<u>18</u>	<u>3</u>	<u>0</u>	<u>148</u>	<u>4</u>	<u>19</u>	<u>18</u>	<u>3</u>	<u>0</u>	<u>189</u>	<u>192</u>
	1568	50	356	143	26	3	1568	50	356	143	26	3	2120	2146
1977-78														
SE Her Seine	3	1	21	6	14	0	3	1	21	6	14	0	31	45
SE Her Gillnet	10	2	60	1	34	0	10	2	60	1	34	0	73	107
PWS Her Seine	23	9	1	46	24	1	23	9	1	46	24	1	80	104
Cook Inlet Her Seine	<u>9</u>	<u>4</u>	<u>27</u>	<u>11</u>	<u>23</u>	<u>0</u>	<u>9</u>	<u>4</u>	<u>27</u>	<u>11</u>	<u>23</u>	<u>0</u>	<u>51</u>	<u>74</u>
	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	1219	1367
NSEI Sable Longline	5	0	24	2	7	0	5	0	24	2	7	0	31	38
SSEI Sable Longline	0	0	1	1	2	0	0	0	1	1	2	0	2	4
SSEI Sable Pots	0	1	0	0	0	0	0	1	0	0	0	0	1	1
SE R/B King Crab Pot	0	0	1	0	0	0	0	0	1	0	0	0	1	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	0	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	0	0	0	1	0	3	0	0	0	4	4
PWS Her Gillnet	20	0	0	3	1	0	20	0	0	3	1	0	23	24
PWS Her Pound	51	10	2	32	32	0	51	10	2	32	32	0	95	127
Kodiak Her Seine	8	5	31	13	14	0	6	2	28	10	8	0	57	71
Kodiak Her Gillnet	8	6	49	22	10	0	8	5	42	17	10	0	85	95
Kodiak Her Seine/Gill	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>2</u>
	638	27	760	120	215	0	409	20	465	89	152	0	1545	1760
1988-91														
BBay Her Spawn on Kelp	259	5	0	13	4	0	259	5	0	13	4	0	277	281
Norton Sd Her B Seine	0	1	0	0	3	0	0	1	0	0	3	0	1	4
Nelson Is Her Gillnet	125	4	0	7	6	0	125	4	0	7	6	0	136	142
Nunivak Her Gillnet	39	0	0	9	3	0	36	0	0	8	3	0	48	51
L Yukon Her Gillnet	71	2	0	2	0	0	71	2	0	2	0	0	75	75
Norton Sd Her Gillnet	<u>104</u>	<u>34</u>	<u>1</u>	<u>37</u>	<u>68</u>	<u>1</u>	<u>104</u>	<u>34</u>	<u>1</u>	<u>37</u>	<u>68</u>	<u>1</u>	<u>177</u>	<u>245</u>
	598	46	1	68	84	1	595	46	1	67	84	1	714	798

TABLE 4. 1999 Yearend Distribution of Permit Holders by Fishery and Resident Type\*

Permits First Issued in	All Permits Issued to						All Transferable Permits Issued to**						All Permits	
	ARL	ARN	AUL	AUN	NON	DCED CFAB	ARL	ARN	AUL	AUN	NON	DCED CFAB	Alaska Total	Grand Total
1997														
SE Dunge Ring Net	4	0	3	0	0	0	0	0	0	0	0	0	7	7
SE Dunge Dive	0	0	3	0	0	0	0	0	0	0	0	0	3	3
SE Dunge 300 Pot	8	0	37	0	6	0	8	0	37	0	6	0	45	51
SE Dunge 225 Pot	10	0	25	0	11	0	10	0	25	0	11	0	35	46
SE Dunge 150 Pot	26	0	43	0	12	1	26	0	43	0	11	1	70	82
SE Dunge 75 Pot	41	0	46	0	18	0	30	0	27	0	11	0	87	105
CI Dunge Ring Net	1	0	0	0	0	0	0	0	0	0	0	0	1	1
CI Dunge Pot	<u>12</u>	<u>3</u>	<u>49</u>	<u>3</u>	<u>2</u>	<u>0</u>	<u>9</u>	<u>2</u>	<u>43</u>	<u>3</u>	<u>2</u>	<u>0</u>	<u>67</u>	<u>69</u>
	102	3	206	3	49	1	83	2	175	3	41	1	315	364
1998														
N. SE Her Pound	10	0	59	2	13	0	10	0	59	2	13	0	71	84
S. SE Her 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 Sable Fixed 90ft	1	0	0	0	0	0	1	0	0	0	0	0	1	1
PWS Sable Fixed 50ft	2	0	1	21	2	0	2	0	1	21	2	0	24	26
PWS Sable Fixed 35ft	<u>2</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>0</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>0</u>	<u>6</u>	<u>7</u>
	270	3	266	32	50	0	186	1	176	30	38	0	571	621
1999														
Goodnews Bay Her Gillnet	<u>26</u>	<u>48</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>0</u>	<u>26</u>	<u>48</u>	<u>0</u>	<u>5</u>	<u>0</u>	<u>0</u>	<u>79</u>	<u>79</u>
	26	48	0	5	0	0	26	48	0	5	0	0	79	79
Overall Total	5635	460	3505	1497	3178	16	5243	448	3089	1449	3078	16	11113	14291

\* This table excludes 963 permits which were revoked by the Commission and not re-instated.

\*\* By 1999 129 non-transferable permits had become transferable through adjudication.

ARL - Alaskan Rural Local

ARN - Alaskan Rural Nonlocal

AUL - Alaskan Urban Local

AUN - Alaskan Urban Nonlocal

NON - Nonresident

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

TABLE 5. Numbers of Transfers Between Resident Types by Year, 1975-1999

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Cross-Cohort													
Rural Local to:													
Rural Non-local	0	1	6	7	6	5	3	11	4	5	6	10	7
Urban Local	20	28	55	42	41	47	48	33	38	36	29	36	31
Urban Non-local	8	11	24	45	44	52	59	55	60	31	38	40	31
Nonresident	13	37	45	61	43	45	40	58	43	47	36	43	38
DCED/CFAB	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>5</u>	<u>2</u>	<u>3</u>	<u>6</u>	<u>3</u>
	41	77	130	155	134	149	150	158	150	121	112	135	110
Rural Non-Local to:													
Rural Local	2	1	3	6	2	4	3	9	2	4	4	4	6
Urban Local	1	5	3	4	2	1	4	5	2	5	4	3	1
Urban Non-local	0	1	9	5	11	10	7	8	11	7	7	6	10
Nonresident	0	0	6	14	4	3	9	3	2	2	10	8	5
DCED/CFAB	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>
	3	7	21	29	19	18	23	25	17	18	25	21	23
Urban Local to:													
Rural Local	22	25	26	26	34	17	36	30	28	32	33	39	44
Rural Non-local	3	2	1	3	5	0	0	2	2	1	5	3	6
Urban Non-local	1	5	7	11	11	7	3	11	11	5	14	15	17
Nonresident	11	16	23	28	42	30	26	43	42	61	51	39	32
DCED/CFAB	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>10</u>	<u>5</u>	<u>3</u>	<u>6</u>	<u>5</u>	<u>7</u>
	37	48	57	68	92	54	65	96	88	102	109	101	106
Urban Non-Local to:													
Rural Local	7	7	10	22	10	14	14	11	15	17	24	17	26
Rural Non-local	2	2	8	9	7	2	5	6	10	6	9	6	9
Urban Local	1	12	12	13	6	9	6	10	10	10	11	8	8
Nonresident	4	12	22	17	29	19	25	36	18	33	32	26	32
DCED/CFAB	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>1</u>	<u>3</u>	<u>1</u>
	14	33	52	61	52	44	50	63	55	66	77	60	76
Non-Resident to:													
Rural Local	34	26	32	37	13	21	20	30	19	11	28	23	21
Rural Non-local	1	3	5	5	4	7	8	5	7	5	11	7	15
Urban Local	41	31	38	47	40	36	25	27	30	23	31	45	48
Urban Non-local	11	10	10	25	31	23	33	22	43	29	31	53	29
DCED/CFAB	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>
	87	70	85	114	88	87	86	84	99	69	101	128	114
DCED/CFAB to:													
Rural Local	0	0	0	0	0	0	0	1	2	2	0	2	1
Rural Non-local	0	0	0	0	0	0	0	0	0	0	1	0	2
Urban Local	0	0	0	0	0	0	0	1	5	6	5	5	6
Urban Non-local	0	0	0	0	0	0	0	0	0	2	3	7	5
Nonresident	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>
	0	0	0	0	0	0	0	2	8	10	9	15	15
Intra-Cohort Transfers Between:													
Rural Local	93	144	237	293	269	252	245	245	313	231	217	221	231
Rural Non-local	3	4	9	28	16	17	12	14	12	10	10	14	11
Urban Local	130	137	232	260	219	187	205	193	234	178	201	257	190
Urban Non-local	9	25	53	62	84	72	66	71	58	74	74	63	89
Nonresident	<u>173</u>	<u>231</u>	<u>232</u>	<u>244</u>	<u>236</u>	<u>180</u>	<u>190</u>	<u>193</u>	<u>177</u>	<u>174</u>	<u>176</u>	<u>176</u>	<u>155</u>
	408	541	763	887	824	708	718	716	794	667	678	731	676
GRAND TOTALS	590	776	1108	1314	1209	1060	1092	1144	1211	1053	1111	1191	1120

TABLE 5. Numbers of Transfers Between Resident Types by Year, 1975-1999.

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
<b>Cross-Cohort</b>												
Rural Local to:												
Rural Non-local	3	4	3	4	9	7	1	7	6	4	3	3
Urban Local	37	37	27	22	32	28	21	18	26	29	31	20
Urban Non-local	26	24	16	26	15	20	15	25	22	14	18	11
Nonresident	39	25	34	32	38	34	37	37	41	30	24	22
DCED/CFAB	<u>6</u>	<u>1</u>	<u>1</u>	<u>4</u>	<u>1</u>	<u>3</u>	<u>2</u>	<u>3</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>4</u>
	111	91	81	88	95	92	76	90	95	78	77	60
Rural Non-Local to:												
Rural Local	2	4	6	1	3	2	3	10	4	6	3	4
Urban Local	2	3	1	4	6	2	4	1	2	0	2	0
Urban Non-local	6	7	10	12	10	11	16	10	7	3	3	4
Nonresident	5	2	6	6	9	5	4	6	15	7	8	6
DCED/CFAB	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>2</u>
	17	16	23	23	28	20	31	28	28	17	16	16
Urban Local to:												
Rural Local	30	35	39	29	29	30	21	26	21	28	26	27
Rural Non-local	5	5	3	7	4	1	1	3	2	0	0	1
Urban Non-local	20	10	14	6	10	7	6	12	4	11	7	4
Nonresident	53	34	37	25	29	19	37	32	39	23	30	19
DCED/CFAB	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>7</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>3</u>	<u>2</u>	<u>5</u>
	110	84	93	67	79	59	67	75	67	65	65	56
Urban Non-Local to:												
Rural Local	22	8	18	18	30	14	13	26	28	20	16	14
Rural Non-local	7	4	10	14	8	9	7	8	11	8	2	2
Urban Local	15	8	10	4	9	3	4	9	5	8	9	10
Nonresident	39	25	23	32	25	21	32	28	27	36	30	22
DCED/CFAB	<u>3</u>	<u>2</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>4</u>	<u>0</u>
	86	47	61	69	73	48	58	72	72	72	61	48
Non-Resident to:												
Rural Local	35	24	24	33	27	28	31	22	28	43	25	32
Rural Non-local	7	3	8	9	3	9	8	10	10	9	8	10
Urban Local	43	32	26	21	28	21	32	42	36	58	47	36
Urban Non-local	33	32	34	26	19	22	24	30	24	41	27	24
DCED/CFAB	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>0</u>	<u>1</u>
	118	91	93	89	77	80	96	104	99	153	107	103
DCED/CFAB to:												
Rural Local	4	1	0	0	1	4	0	3	1	0	1	4
Rural Non-local	2	0	0	1	0	0	0	0	0	0	1	0
Urban Local	3	1	0	2	2	3	4	3	1	2	0	5
Urban Non-local	6	2	0	2	0	2	2	4	0	0	0	3
Nonresident	<u>1</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	16	5	1	7	3	9	7	10	2	2	2	12
Intra-Cohort Transfers Between:												
Rural Local	220	210	193	188	188	205	204	220	215	186	183	177
Rural Non-local	13	12	6	16	13	14	6	16	13	7	13	8
Urban Local	182	157	192	168	154	137	128	143	91	159	131	128
Urban Non-local	102	73	69	51	65	44	64	82	86	53	42	57
Nonresident	<u>150</u>	<u>128</u>	<u>138</u>	<u>163</u>	<u>177</u>	<u>146</u>	<u>171</u>	<u>170</u>	<u>173</u>	<u>169</u>	<u>163</u>	<u>149</u>
	667	580	598	586	597	546	573	631	578	574	532	519
<b>GRAND TOTALS</b>	1125	914	950	929	952	854	908	1010	941	961	860	814

TABLE 6. Numbers of Intra-Cohort and Cross-Cohort Transfers By Fishery, 1975-1999.\*

Permits Issued Beginning in:	Intra Cohort		Cross Cohort		Total Transfers
	Count	Percent	Count	Percent	
1975					
SE Seine	569	65.7	297	34.3	866
SE Drift	886	63.9	501	36.1	1387
Power Troll	1192	56.8	905	43.2	2097
Yakutat Setnet	286	69.4	126	30.6	412
PWS Seine	393	61.3	248	38.7	641
PWS Drift	700	54.6	581	45.4	1281
PWS Setnet	42	54.5	35	45.5	77
Cook Inlet Seine	142	72.1	55	27.9	197
Cook Inlet Drift	941	65.9	486	34.1	1427
Cook Inlet Setnet	1276	63.0	748	37.0	2024
Kodiak Seine	517	54.5	432	45.5	949
Kodiak Beach Seine	81	65.3	43	34.7	124
Kodiak Setnet	363	60.1	241	39.9	604
Chignik Seine	69	57.5	51	42.5	120
Pen/Aleutian Seine	156	71.2	63	28.8	219
Pen/Aleutian Drift	252	62.2	153	37.8	405
Pen/Aleutian Setnet	229	68.2	107	31.8	336
Bristol Bay Drift	2440	68.3	1133	31.7	3573
Bristol Bay Setnet	<u>1412</u>	<u>61.7</u>	<u>877</u>	<u>38.3</u>	<u>2289</u>
	11946	62.8	7082	37.2	19028
1976					
U Yukon Gillnet	61	60.4	40	39.6	101
U Yukon Fish Wheel	166	70.0	71	30.0	237
Kuskokwim Gillnet	839	80.1	209	19.9	1048
Kotzebue Gillnet	246	77.6	71	22.4	317
L Yukon Gillnet	677	78.0	191	22.0	868
Norton Sd Gillnet	<u>227</u>	<u>74.9</u>	<u>76</u>	<u>25.1</u>	<u>303</u>
	2216	77.1	658	22.9	2874
1977-78					
SE Her Seine	22	40.0	33	60.0	55
SE Her Gillnet	110	55.8	87	44.2	197
PWS Her Seine	95	55.6	76	44.4	171
Cook Inlet Her Seine	<u>81</u>	<u>59.1</u>	<u>56</u>	<u>40.9</u>	<u>137</u>
	308	55.0	252	45.0	560
1980-87					
Hand Troll	987	61.3	623	38.7	1610
NSEI Sable Longline	22	62.9	13	37.1	35
SSEI Sable Longline	4	44.4	5	55.6	9
SSEI Sable Pots	0	0.0	1	100.0	1
SE R/B King Crab Pot	1	100.0	0	0.0	1
SE Brn King Crab Pot	2	100.0	0	0.0	2
SE R/B King/Tanner Pot	4	66.7	2	33.3	6
SE All King/Tanner Pot	9	81.8	2	18.2	11
SE Tanner Crab Pot	4	80.0	1	20.0	5
PWS Her Gillnet	20	52.6	18	47.4	38
PWS Her Pound	51	39.8	77	60.2	128
Kodiak Her Seine	35	38.5	56	61.5	91
Kodiak Her Gillnet	<u>87</u>	<u>55.1</u>	<u>71</u>	<u>44.9</u>	<u>158</u>
	1226	58.5	869	41.5	2095
1988-91					
BBay Her Spawn on Kelp	66	84.6	12	15.4	78
Nelson Is Her Gillnet	29	76.3	9	23.7	38
Nunivak Her Gillnet	6	60.0	4	40.0	10
L Yukon Her Gillnet	33	97.1	1	2.9	34
Norton Sd Her Gillnet	<u>142</u>	<u>55.5</u>	<u>114</u>	<u>44.5</u>	<u>256</u>
	276	66.3	140	33.7	416



TABLE 6. Numbers of Intra-Cohort and Cross-Cohort Transfers By Fishery, 1975-1999.\*

Permits Issued Beginning in:	Intra Cohort		Cross Cohort		Total Transfers
	Count	Percent	Count	Percent	
1997					
SE Dunge 300 Pot	12	50.0	12	50.0	24
SE Dunge 225 Pot	14	58.3	10	41.7	24
SE Dunge 150 Pot	35	61.4	22	38.6	57
SE Dunge 75 Pot	29	46.0	34	54.0	63
CI Dunge Pot	<u>3</u>	<u>75.0</u>	<u>1</u>	<u>25.0</u>	<u>4</u>
	93	54.1	79	45.9	172
1998					
N. SE Her Pound	6	46.2	7	53.8	13
S. SE Her Pound	4	57.1	3	42.9	7
SE Shrimp Beam	0	0.0	1	100.0	1
SE Shrimp Pot	15	55.6	12	44.4	27
PWS Sable Fixed 50ft	1	50.0	1	50.0	2
PWS Sable Fixed 35ft	<u>0</u>	<u>0.0</u>	<u>1</u>	<u>100.0</u>	<u>1</u>
	26	51.0	25	49.0	51
1999					
Goodnews Bay Her Gillnet	<u>1</u>	<u>100.0</u>	<u>0</u>	<u>0.0</u>	<u>1</u>
	1	100.0	0	0.0	1
Statewide Totals	16092	63.9	9105	36.1	25197

\* The number of transfers includes 150 permit foreclosures and 134 subsequent transfers of these permits. In this table these are counted as cross-cohort transfers.

TABLE 7. Net Shifts in Resident Types Due to Transfer Activity by Fishery, 1975-1999.

Permits Issued Beginning in:	ARL	ARN	AUL	AUN	NON	DCED/CFAB
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	-11	-3	42	18	-49	3
Kodiak Beach Seine	-3	1	-3	1	4	0
Kodiak Setnet	-11	-1	37	6	-31	0
Chignik Seine	-1	0	0	6	-6	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>	<u>5</u>	<u>0</u>	<u>83</u>	<u>81</u>	<u>0</u>
	-652	34	164	356	88	10
1976						
U Yukon Gillnet	-3	0	0	4	-1	0
U Yukon Fish Wheel	3	0	1	-3	-1	0
Kuskokwim Gillnet	7	-7	0	-1	1	0
Kotzebue Gillnet	-8	1	3	2	1	1
L Yukon Gillnet	-13	-13	0	25	-1	2
Norton Sd Gillnet	<u>-1</u>	<u>-4</u>	<u>-1</u>	<u>3</u>	<u>3</u>	<u>0</u>
	-15	-23	3	30	2	3
1977-78						
SE Her Seine	-1	1	-15	6	9	0
SE Her Gillnet	-7	1	4	2	0	0
PWS Her Seine	3	-4	-2	6	-4	1
Cook Inlet Her Seine	<u>-5</u>	<u>2</u>	<u>-8</u>	<u>10</u>	<u>1</u>	<u>0</u>
	-10	0	-21	24	6	1
1980-87						
Hand Troll	-26	1	-29	-1	55	0
NSEI Sable Longline	2	0	0	-2	0	0
SSEI Sable Longline	0	0	0	0	0	0
SSEI Sable Pots	0	1	0	-1	0	0
SE R/B King Crab Pot	0	0	0	0	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	0	-1	0
PWS Her Gillnet	8	1	-5	1	-5	0
PWS Her Pound	-2	7	-1	7	-11	0
Kodiak Her Seine	4	-2	-9	10	-3	0
Kodiak Her Gillnet	<u>3</u>	<u>-2</u>	<u>2</u>	<u>-3</u>	<u>0</u>	<u>0</u>
	-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
Nunivak Her Gillnet	0	0	0	0	0	0
L Yukon Her Gillnet	1	0	0	-1	0	0
Norton Sd Her Gillnet	<u>-26</u>	<u>22</u>	<u>-3</u>	<u>-11</u>	<u>17</u>	<u>1</u>
	-14	18	-3	-17	15	1

TABLE 7. Net Shifts in Resident Types Due to Transfer Activity by Fishery, 1975-1999.

Permits Issued Beginning in:	ARL	ARN	AUL	AUN	NON	DCED/CFAB
1997						
SE Dunge 300 Pot	1	0	7	0	-8	0
SE Dunge 225 Pot	-2	0	3	-1	0	0
SE Dunge 150 Pot	1	0	-2	0	0	1
SE Dunge 75 Pot	-3	-1	-2	0	6	0
CI Dunge Pot	<u>0</u>	<u>0</u>	<u>-1</u>	<u>-1</u>	<u>0</u>	<u>0</u>
	-3	-1	5	0	-2	1
1998						
N. SE Her Pound	-2	-1	2	-1	2	0
S. SE Her Pound	-1	0	0	0	1	0
SE Shrimp Beam	1	0	0	0	-1	0
SE Shrimp Pot	-1	0	3	0	-2	0
PWS Sable Fixed 50ft	0	0	0	1	-1	0
PWS Sable Fixed 35ft	<u>0</u>	<u>0</u>	<u>-1</u>	<u>0</u>	<u>-1</u>	<u>0</u>
	-3	-1	6	0	-2	0
1999						
Goodnews Bay Her Gillnet	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	0	0	0	0	0	0
Net Shifts 75-99	-710	33	117	404	140	16

ARL - Alaskan Rural Local

ARN - Alaskan Rural Nonlocal

AUL - Alaskan Urban Local

AUN - Alaskan Urban Nonlocal

NON - Nonresident

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

TABLE 8. Numbers of Cross-Cohort Migrations by Year, 1975-1999

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Rural Local to:														
Rural Non-local	0	2	6	8	5	2	4	15	6	13	4	6	6	6
Urban Local	0	12	29	29	39	25	21	35	24	42	41	33	32	39
Urban Non-local	0	19	18	13	20	32	28	52	21	32	27	30	32	36
Nonresident	<u>0</u>	<u>8</u>	<u>28</u>	<u>65</u>	<u>32</u>	<u>26</u>	<u>31</u>	<u>31</u>	<u>17</u>	<u>34</u>	<u>24</u>	<u>36</u>	<u>36</u>	<u>41</u>
	0	41	81	115	96	85	84	133	68	121	96	105	106	122
Rural Non-Local to:														
Rural Local	0	3	9	6	6	6	2	5	4	4	2	3	3	4
Urban Local	0	3	0	4	1	0	3	1	1	2	3	2	2	4
Urban Non-local	0	3	4	7	8	10	2	7	5	5	7	4	10	3
Nonresident	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>7</u>	<u>2</u>	<u>0</u>	<u>6</u>	<u>4</u>	<u>3</u>	<u>4</u>	<u>6</u>	<u>3</u>
	0	9	13	19	17	23	9	13	16	15	15	13	21	14
Urban Local to:														
Rural Local	0	24	22	22	36	37	20	27	19	66	38	32	27	44
Rural Non-local	0	3	4	1	4	2	1	2	2	4	3	2	4	2
Urban Non-local	0	4	12	5	7	4	10	8	2	8	11	14	11	17
Nonresident	<u>0</u>	<u>13</u>	<u>21</u>	<u>49</u>	<u>18</u>	<u>25</u>	<u>21</u>	<u>15</u>	<u>14</u>	<u>18</u>	<u>23</u>	<u>28</u>	<u>29</u>	<u>43</u>
	0	44	59	77	65	68	52	52	37	96	75	76	71	106
Urban Non-Local to:														
Rural Local	0	30	21	32	18	20	32	27	26	31	18	26	27	23
Rural Non-local	0	8	5	5	8	6	5	5	8	3	5	10	11	16
Urban Local	0	4	8	4	7	6	1	6	6	8	6	6	6	12
Nonresident	<u>0</u>	<u>6</u>	<u>16</u>	<u>20</u>	<u>13</u>	<u>9</u>	<u>6</u>	<u>12</u>	<u>5</u>	<u>10</u>	<u>11</u>	<u>16</u>	<u>13</u>	<u>20</u>
	0	48	50	61	46	41	44	50	45	52	40	58	57	71
Nonresident to:														
Rural Local	0	31	15	20	32	30	34	29	48	32	26	18	24	20
Rural Non-local	0	3	1	2	1	0	1	4	2	1	1	3	2	3
Urban Local	0	24	17	24	15	18	17	33	22	28	34	25	20	25
Urban Non-local	<u>0</u>	<u>5</u>	<u>10</u>	<u>6</u>	<u>8</u>	<u>7</u>	<u>13</u>	<u>20</u>	<u>18</u>	<u>17</u>	<u>9</u>	<u>9</u>	<u>4</u>	<u>9</u>
	0	63	43	52	56	55	65	86	90	78	70	55	50	57
GRAND TOTALS	0	205	246	324	280	272	254	334	256	362	296	307	305	370

TABLE 8. Numbers of Cross-Cohort Migrations by Year, 1975-1999

	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	All Years Totals	% of Grand Total
Rural Local to:													
Rural Non-local	8	16	5	5	6	17	9	11	3	6	9	178	2.4
Urban Local	38	54	43	36	33	28	31	23	32	34	36	789	10.6
Urban Non-local	45	67	43	29	26	27	48	44	40	43	51	823	11.0
Nonresident	<u>38</u>	<u>37</u>	<u>22</u>	<u>16</u>	<u>32</u>	<u>26</u>	<u>29</u>	<u>33</u>	<u>29</u>	<u>24</u>	<u>23</u>	<u>718</u>	<u>9.6</u>
	129	174	113	86	97	98	117	111	104	107	119	2508	33.7
Rural Non-Local to:													
Rural Local	9	1	6	8	11	1	5	7	7	10	2	124	1.7
Urban Local	3	4	0	3	0	2	1	0	6	2	0	47	0.6
Urban Non-local	12	19	14	9	11	15	15	3	10	12	15	210	2.8
Nonresident	<u>2</u>	<u>8</u>	<u>2</u>	<u>4</u>	<u>6</u>	<u>5</u>	<u>4</u>	<u>4</u>	<u>2</u>	<u>6</u>	<u>3</u>	<u>85</u>	<u>1.1</u>
	26	32	22	24	28	23	25	14	25	30	20	466	6.3
Urban Local to:													
Rural Local	33	25	39	41	26	28	29	21	13	25	26	720	9.7
Rural Non-local	3	3	4	2	1	1	2	5	3	1	2	61	0.8
Urban Non-local	10	18	19	15	9	20	9	17	8	11	17	266	3.6
Nonresident	<u>49</u>	<u>28</u>	<u>40</u>	<u>34</u>	<u>27</u>	<u>26</u>	<u>34</u>	<u>35</u>	<u>35</u>	<u>36</u>	<u>31</u>	<u>692</u>	<u>9.3</u>
	95	74	102	92	63	75	74	78	59	73	76	1739	23.3
Urban Non-Local to:													
Rural Local	32	28	29	26	20	30	15	28	23	30	22	614	8.2
Rural Non-local	15	10	14	8	7	6	4	7	6	7	9	188	2.5
Urban Local	8	9	12	11	6	4	6	8	10	8	5	167	2.2
Nonresident	<u>39</u>	<u>17</u>	<u>19</u>	<u>14</u>	<u>19</u>	<u>21</u>	<u>14</u>	<u>22</u>	<u>17</u>	<u>20</u>	<u>20</u>	<u>379</u>	<u>5.1</u>
	94	64	74	59	52	61	39	65	56	65	56	1348	18.1
Nonresident to:													
Rural Local	30	18	27	34	16	20	17	17	21	16	22	597	8.0
Rural Non-local	1	1	2	3	0	5	1	4	1	1	4	47	0.6
Urban Local	16	18	17	26	29	19	19	16	13	25	17	517	6.9
Urban Non-local	<u>4</u>	<u>6</u>	<u>10</u>	<u>9</u>	<u>9</u>	<u>12</u>	<u>8</u>	<u>8</u>	<u>5</u>	<u>15</u>	<u>9</u>	<u>230</u>	<u>3.1</u>
	51	43	56	72	54	56	45	45	40	57	52	1391	18.7
GRAND TOTALS	395	387	367	333	294	313	300	313	284	332	323	7452	100.0

TABLE 9. Net Shifts in Resident Types Due to Migration Activity, by Fishery, 1975-1999.

Permits Issued Beginning in:	ARL	ARN	AUL	AUN	NON
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
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>	<u>0</u>	<u>17</u>	<u>37</u>
	-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>	<u>7</u>	<u>-3</u>	<u>17</u>	<u>1</u>
	-157	45	-15	101	26
1977-78					
SE Her Seine	0	0	0	0	0
SE Her Gillnet	-1	1	-7	-2	9
PWS Her Seine	-9	0	0	-8	17
Cook Inlet Her Seine	<u>-1</u>	<u>1</u>	<u>1</u>	<u>-15</u>	<u>14</u>
	-11	2	-6	-25	40
1980-87					
Hand Troll	-40	3	-64	30	71
NSEI Sable Longline	-2	0	-1	2	1
SSEI Sable 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 Her Gillnet	-1	-1	-2	2	2
PWS Her Pound	-8	3	-2	0	7
Kodiak Her Seine	-7	1	-2	0	8
Kodiak Her Gillnet	<u>0</u>	<u>1</u>	<u>1</u>	<u>-6</u>	<u>4</u>
	-59	7	-72	29	95
1988-91					
BBay Her Spawn on Kelp	-10	2	0	8	0
Nelson Is Her Gillnet	-7	0	0	5	2
Nunivak Her Gillnet	-2	-1	0	3	0
L Yukon Her Gillnet	-2	1	0	1	0
Norton Sd Her Gillnet	<u>-1</u>	<u>-7</u>	<u>-3</u>	<u>8</u>	<u>3</u>
	-22	-5	-3	25	5
1997					
SE Dunge 300 Pot	-1	0	-1	0	2
SE Dunge 225 Pot	-1	0	0	0	1
SE Dunge 75 Pot	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>-1</u>
	-2	0	0	0	2

TABLE 9. Net Shifts in Resident Types Due to Migration Activity, by Fishery, 1975-1999.

Permits Issued Beginning in:	ARL	ARN	AUL	AUN	NON
1998					
N. SE Her Pound	0	1	1	-1	-1
S. SE Her Pound	-2	0	1	0	1
SE Shrimp Pot	0	0	-1	0	1
PWS Sable Fixed 50ft	<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

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

TABLE 10. Summary of Yearly Net Changes in Statewide Permit Ownership, 1975-1999

Year	Alaska Rural Local				Alaska Rural Non-local				Alaska Urban Local				Alaska Urban Non-local				Nonresident				CFAB
	Trn	Miq	Rev	Net	Trn	Miq	Rev	Net	Trn	Miq	Rev	Net	Trn	Miq	Rev	Net	Trn	Miq	Rev	Net	Trn
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	-1417	33	8	-12	29	117	-219	-469	-571	404	181	-69	516	140	483	-159	464	16