

### 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 which were "nonlocal" to the fishery. He further defined Alaskan domiciles as "rural" or "urban." Non-Alaskans were lumped into a single "nonresident" category.

As Langdon's conceptual categories are a useful way to examine the geographic distribution of permits, they have been used in this report. These resident types are defined as follows:

**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 ;

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

<sup>2</sup> The Alaska Urban Local category is not applicable for several fisheries which have no local urban communities. These fisheries are the Yakutat setnet, Chignik seine, Bristol Bay salmon drift and setnet and herring spawn on kelp, Lower Yukon salmon and herring gillnet, and Nelson and Nunivak Island herring gillnet fisheries.

**DCED/CFAB** : Signifies permits which have been foreclosed upon by the Department of Commerce 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 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 Alaskan 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.

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,<sup>3</sup> and from 1982 forward temporary mailing addresses should not be a major cause of erroneous resident classifications.

### **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 81.7% of the initial allocation of permits and Nonresidents received 18.3% (11,818 and 2,644 permits, respectively) through 1997. Of the 12,766 transferable permits issued, Alaska Rural Local applicants received more permits than any other resident type (6,130 permits or 48.0%). The Alaska Urban Locals received 2,930 permits (23.0%) and the Nonresidents received 2,494 permits (19.5%). Less than 10% of the transferable permits were issued to the combined Alaska Rural Nonlocal (357 permits or 2.8%) and Urban Nonlocal resident types (855 permits or 6.7%).

The percentages of transferable permits issued to the resident types vary widely between individual fisheries or between groups of fisheries. For example, Alaska Rural Locals were issued 39.0% 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.

8,062 transferable permits in the group of original 19 salmon fisheries, 80.0% of the transferable AYK salmon permits, 20.1% of the transferable permits issued in roe herring fisheries limited in 1977-1978, 39.8% of the transferable permits issued for fisheries limited in 1980-1987, 79.2% of the transferable permits issued in the westward herring roe fisheries limited in 1988-1991, and 28.4% of the transferable permits in the recently limited Dungeness fisheries.<sup>4</sup>

By the end of 1997, the distribution of permits among the resident types had changed to the levels shown in Table 4. Alaska residents held 77.1% of all permits and Nonresidents held 22.9% (10,515 and 3,124 permits, respectively). At the end of 1997, 76.3% (9,769 permits) and 23.7% (3,030 permits) of the 12,799 existing transferable permits were held by Residents and Nonresidents, respectively. Eleven transferable permits had been foreclosed upon by the Department of Commerce 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 19.4% (1,303 permits) decrease in the total number of permits held by Alaska Rural Locals. At year-end 1997, Alaska Rural Locals held 51.5% of all Resident permits (5,411 out of 10,515) and 39.7% of the total permits (5,411 out of 13,639). Alaska Rural Locals held 52.1% (5,088 out of 9,769) of the transferable permits held by Alaskan residents and 39.8% of all transferable permits (5,088 out of 12,799). 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 536 (14.1%) permits by the close of 1997. The total number of permits held by Alaska Urban Nonlocals increased by 480 permits, a 51.4% increase, the largest percent change of any residency type. Alaska Rural Nonlocals and Nonresidents also increased their holdings of permits (11.9% or 45 permits, and 18.2% or 480 permits, respectively).

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<sup>4</sup> When using Tables 3 and 4 please note that when there are no urban communities in the area local to a fishery, Alaska Urban Locals are necessarily zero.

## **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 23,523 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 has gradually declined over time - from 69.7% in 1976 to 59.7% in 1997.

The percentage of intra-cohort to cross-cohort transfers varies by resident type. Alaska Urban Locals have the highest proportion of intra-cohort transfers (69.8% of their transfers over all years) and Alaska Rural Nonlocals the lowest (36.5%). Alaska Urban Nonlocals also show a lower than average rate of transfers to persons of the same resident type (52.2%). Alaska Rural Locals and Nonresidents have similar proportions of intra-cohort transfers (66.6% and 65.1%, 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 no transfers have occurred in a particular fishery, that fishery will not be listed on the table. By year-end 1997, 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 about two-thirds of the listed fisheries, which resulted in a statewide net decrease of 723 transferable permits (11.8% of the 6,130 transferable permits originally issued to ARLs). The Bristol Bay drift and set

gillnet fisheries have had the largest numerical net decreases (376 permits combined) which represent 52.0% of the 723 permit decrease. This 376 permit decrease is 30.3% of the 1,241 transferable permits originally issued to ARLs in these two fisheries.

The largest percent decreases in permits held by ARLs due to net transfer activity have been in the following fisheries: Southeast herring gillnet (9 permits, 50%), Southeast salmon seine (59 permits, 55.7%), and the Peninsula/Aleutian drift gillnet fishery (62 permits, 62.6%).

2. Permits held by Alaska Rural Nonlocals increased by 36 permits due to net transfer activity, a 10.1% increase of the 357 transferable permits issued to this resident type.

3. Permits held by Alaska Urban Locals increased by 80 permits due to net transfer activity (2.7% of the 2,930 transferable permits originally issued to this group). The largest net increases were in the power troll (36 permits), the Kodiak salmon seine (38 permits) and setnet (30 permits) fisheries. In contrast, the number of permits held by Urban Locals decreased in 16 other fisheries.

4. Permits held by Alaska Urban Nonlocals have increased by 414 permits, a 48.4% increase over the 855 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 (184 permits), the Prince William Sound salmon fisheries (105 permits), and the Lower Yukon salmon gillnet fishery (28 permits).

5. The number of permits held by Nonresidents increased by 182 permits statewide through net transfer activity, a 7.3% increase over the 2,494 nonresident transferable permits originally issued to nonresidents. The number of transferable permits increased in 19 of the fisheries, especially the Bristol Bay salmon fisheries (199 permits), the salmon hand troll fishery (56 permits), the Cook Inlet salmon setnet fishery (43 permits) and Southeast salmon seine (19 permits).

In 20 other fisheries the number of permits held by Nonresidents decreased, especially the power troll (86 permits), the Kodiak salmon seine (44 permits) and setnet (28 permits), and the Cook Inlet drift gillnet (20 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 1975-1997 time period there were 6,770 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>5</sup> The net results of migratory activity to each resident type over the entire period are shown by fishery in Table 9. Note that some recently limited fisheries have had no migratory activity and are thus not listed in these tables.

The 1975-1997 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 371 permits due to migration. Migratory activities did not affect all fisheries in the same manner, however. There were ARL net decreases in 30 fisheries and ARL net increases in 6 others.

The number of permits held by ARLs decreased primarily in the AYK salmon fisheries (137 permits), the Bristol Bay setnet fishery (51 permits), the hand troll fishery (32 permits), and the Prince William Sound salmon seine fishery (36 permits), and ARL gains through migration were made in the Cook Inlet setnet (17 permits), Chignik seine (15 permits) and Southeast drift gillnet fisheries (12 permits).

2. The number of permits held by Alaska Rural Nonlocals increased by 17 due to net migration. Fisheries with the greatest amount of increase were the AYK salmon fisheries (42 permits) and the Kodiak salmon seine (9 permits).

3. The number of permits held by Alaskan Urban Locals decreased by 196 as the result of net migration. The decrease was primarily in the hand troll (54 permits), the Cook Inlet setnet (38 permits), and the Kodiak salmon seine (31 permits).

4. The number of permits held by Alaskan Urban Nonlocals increased by 124. Permits held by AUNs increased by 90 permits in the AYK salmon fisheries and 30 permits in the hand troll fishery. However, there were net decreases in 12 fisheries, particularly in the herring fisheries limited in 1977-78 (27 permits).

5. Alaska residents who moved out of state resulted in a net increase of 426 Nonresident permits. The Nonresident category shows net changes in the number of permits in 39 different fisheries, 35 of which indicate net increases. The largest net increases in permits held by Nonresidents were in the Bristol Bay salmon fisheries (101 permits), the Kodiak purse seine and setnet salmon fisheries (64 permits), the hand troll fishery (52 permits), and the Cook Inlet salmon fisheries (57 permits). The Southeast drift gillnet fishery was the fishery with the largest gain in the number of Alaska resident permits (10 permits).

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<sup>5</sup> The extent of migration 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.

## 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 6,714 permits, (transferable and nontransferable, Table 3) through year-end 1997, which represented 46.4% of all permits. At year-end 1997, 5,411 (39.7%) of all permits were held by ARLs (Table 4). The decrease of 1,303 permits represents 19.4% of all permits originally issued to this group. Transfer activities account for 55.5% of the decrease (723 permits) followed by migration (28.5% or 371 permits) and revocations (16.0% or 209 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 379 permits (2.6% of all permits). By the end of 1997, the number of permits held by ARNs rose to 424 (3.1% of all permits). The increase of 45 permits represents a 11.9% increase over the number of permits originally issued to this group. The net increase comes from transfer activity (36 permits) and migration (17 permits).

3. Alaska Urban Locals received 3,791 of all permits issued through 1997 (26.2% of all permits). They held 3,255 permits at year-end 1997 (23.9% of all permits), a decrease of 536 permits. Revocations of permits have been the major factor in this decrease (420 permits).

Transfer activities resulted in a net increase of Alaska Urban Local permits due to large gains in the years 1975 through 1981, 1979 excepted. Beginning in 1982 and continuing through 1995, transfer activities have reduced the number of permits held by Alaska Urban Locals.

4. Alaska Urban Nonlocals received 934 (6.5%) of all permits issued through 1997. At the end of 1997, the number of permits held by AUNs had risen to 1,414 (10.4% of all permits). The increase of 480 permits represents a 51.4% 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 since 1978.

5. Nonresidents received 2,644 of all permits issued through 1997 (18.3% of all permits). By the end of 1997, 3,124 permits were held by Nonresidents (22.9%). The 480 net

permit increase represents a 18.2% 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 1997 has been influenced more by migration (437 permit increase) than by transfer (13 permit increase).

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, 1975-1997\*

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												
Southeast Seine	106	0	106	0	207	106	0	106	0	207	212	419
Southeast Drift	117	1	193	4	157	117	1	193	4	157	315	472
Power Troll	263	3	406	13	285	263	3	406	13	285	685	970
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	184	89	8	274	13	184	384	568
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	99	0	0	13	48	99	0	0	13	48	112	160
Pen/Aleutian Setnet	100	0	0	7	8	100	0	0	7	8	107	115
Bristol Bay Drift	686	168	0	240	741	686	168	0	240	741	1094	1835
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>
	3252	280	1772	660	2261	3147	268	1770	635	2242	5964	8225
1976												
Upper Yukon Gillnet	55	3	14	2	1	55	3	14	2	1	74	75
Upper 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
Lower 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 Herr Seine	4	0	37	0	4	4	0	37	0	4	41	45
SE Herr Gillnet	18	0	63	1	25	18	0	63	1	25	82	107
PWS Herr Seine	29	13	3	48	10	29	13	3	48	10	93	103
Cook Inlet Herr 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	47	66	14	137	65	47	282	329
1980-87												
Hand Troll	791	6	1156	52	155	324	1	332	11	37	2005	2160
NSEI Sablefish Longline	5	0	25	2	5	5	0	25	2	5	32	37
SSEI Sablefish Longline	0	0	2	0	2	0	0	2	0	2	2	4
SSEI Sablefish 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	11	0	0	3	0	11	0	0	14	14
SE Tanner Crab Pot	1	0	2	0	1	1	0	2	0	1	3	4
PWS Herr Gillnet	13	0	7	0	4	13	0	7	0	4	20	24
PWS Herr Pound	62	0	5	25	36	62	0	5	25	36	92	128
Kodiak Herring Seine	10	6	42	3	12	8	3	35	1	4	61	73
Kodiak Herr Gillnet	5	7	49	36	7	5	6	38	25	5	97	104
Kodiak Herr 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>
	891	19	1311	119	223	422	10	469	65	94	2340	2563
1988-91												
BBay Herr Spawn on Kelp	268	5	0	5	5	268	5	0	5	5	278	283
Nelson Is Herr Gillnet	125	6	0	8	7	125	6	0	8	7	139	146
Nunivak Herr Gillnet	40	2	0	7	3	40	2	0	7	3	49	52
L Yukon Herr Gillnet	77	1	0	2	0	77	1	0	2	0	80	80

TABLE 3. Total Number of Initial Permit Holders, by Fishery and Resident Type, 1975-1997\*

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
Norton Sd Herr Gillnet	132	18	7	41	48	132	18	7	41	48	198	246
Norton Sd Herr B Seine	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>1</u>	<u>4</u>
	642	33	7	63	66	642	33	7	63	66	745	811
1996-												
SE Dungeness Ring Net	4	0	4	0	0	0	0	0	0	0	8	8
SE Dungeness Dive	0	0	2	0	0	0	0	0	0	0	2	2
SE Dungeness 300 Pot	8	0	30	0	12	8	0	30	0	12	38	50
SE Dungeness 225 Pot	12	0	21	1	9	12	0	21	1	9	34	43
SE Dungeness 150 Pot	24	0	43	0	11	24	0	43	0	11	67	78
SE Dungeness 75 Pot	31	1	30	0	8	30	1	25	0	6	62	70
CI Dungeness Ring Net	1	0	0	0	0	0	0	0	0	0	1	1
CI Dungeness 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>
	93	4	180	3	42	83	3	163	3	40	280	322
Overall Total	6714	379	3791	934	2644	6130	357	2930	855	2494	11818	14462

\* The table includes 858 permits which were later revoked because of administrative error, forfeit, or criminal action. 35 of these permits were subsequently re-instated.

\*\* By 1997 129 nontransferable 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. 1997 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														
Southeast Seine	49	5	121	13	226	1	49	5	121	13	226	1	189	415
Southeast Drift	121	1	205	5	139	0	121	1	205	5	139	0	332	471
Power Troll	292	3	446	13	209	2	292	3	446	13	209	2	756	965
Yakutat Setnet	109	7	0	18	34	0	109	7	0	18	34	0	134	168
PWS Seine	101	10	15	65	74	1	101	10	15	65	74	1	192	266
PWS Drift	256	17	9	108	147	0	256	17	9	108	147	0	390	537
PWS Setnet	12	0	0	14	4	0	11	0	0	14	4	0	26	30
Cook Inlet Seine	25	0	53	0	6	0	25	0	53	0	6	0	78	84
Cook Inlet Drift	79	2	272	23	190	0	79	2	272	23	190	0	376	566
Cook Inlet Setnet	187	20	397	18	123	0	187	20	397	18	123	0	622	745
Kodiak Seine	48	17	168	49	98	3	48	17	168	49	98	3	285	383
Kodiak Beach Seine	4	2	18	7	3	0	3	2	18	7	3	0	31	34
Kodiak Setnet	16	0	89	27	56	0	16	0	89	27	56	0	132	188
Chignik Seine	43	3	0	28	16	0	43	3	0	28	16	0	74	90
Pen/Aleutian Seine	82	0	1	6	31	0	82	0	1	6	31	0	89	120
Pen/Aleutian Drift	36	9	0	40	75	0	36	9	0	40	75	0	85	160
Pen/Aleutian Setnet	75	0	0	13	25	0	75	0	0	13	25	0	88	113
Bristol Bay Drift	449	134	0	319	929	1	449	134	0	319	929	1	903	1832
Bristol Bay Setnet	<u>442</u>	<u>46</u>	<u>0</u>	<u>261</u>	<u>263</u>	<u>0</u>	<u>386</u>	<u>41</u>	<u>0</u>	<u>248</u>	<u>244</u>	<u>0</u>	<u>749</u>	<u>1012</u>
	2426	276	1794	1027	2648	8	2368	271	1794	1014	2629	8	5531	8179
1976														
Upper Yukon Gillnet	35	4	24	8	1	0	35	4	24	8	1	0	71	72
Upper Yukon Fish Wheel	123	4	23	7	4	0	123	4	23	7	4	0	157	161
Kuskokwim Gillnet	644	3	161	12	7	0	644	3	161	12	7	0	820	827
Kotzebue Gillnet	37	6	134	26	7	1	37	6	134	26	7	1	204	211
Lower Yukon Gillnet	598	28	0	67	8	0	598	28	0	67	8	0	693	701
Norton Sd Gillnet	<u>151</u>	<u>5</u>	<u>21</u>	<u>17</u>	<u>2</u>	<u>0</u>	<u>151</u>	<u>5</u>	<u>21</u>	<u>17</u>	<u>2</u>	<u>0</u>	<u>194</u>	<u>196</u>
	1588	50	363	137	29	1	1588	50	363	137	29	1	2139	2168
1977-78														
SE Herr Seine	3	1	20	7	14	0	3	1	20	7	14	0	31	45
SE Herr Gillnet	10	2	58	1	36	0	10	2	58	1	36	0	71	107
PWS Herr Seine	23	10	1	44	24	1	23	10	1	44	24	1	79	103
Cook Inlet Herr Seine	<u>9</u>	<u>6</u>	<u>26</u>	<u>10</u>	<u>23</u>	<u>0</u>	<u>9</u>	<u>6</u>	<u>26</u>	<u>10</u>	<u>23</u>	<u>0</u>	<u>51</u>	<u>74</u>
	45	19	105	62	97	1	45	19	105	62	97	1	232	329
1980-87														
Hand Troll	568	10	673	52	153	1	315	6	340	27	89	1	1304	1457
NSEI Sablefish Longline	6	0	23	2	6	0	6	0	23	2	6	0	31	37
SSEI Sablefish Longline	0	0	1	2	1	0	0	0	1	2	1	0	3	4
SSEI Sablefish 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	2	0	12	0	0	0	2	0	12	0	0	0	14	14
SE Tanner Crab Pot	1	0	3	0	0	0	1	0	3	0	0	0	4	4
PWS Herr Gillnet	21	0	0	2	1	0	21	0	0	2	1	0	23	24
PWS Herr Pound	51	9	2	33	33	0	51	9	2	33	33	0	95	128
Kodiak Herring Seine	7	6	28	13	16	0	5	2	25	10	9	0	54	70
Kodiak Herr Gillnet	6	6	52	21	11	0	6	5	44	15	10	0	85	96
Kodiak Herr 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>
	662	32	807	125	222	1	407	23	463	91	149	1	1627	1849
1988-91														
BBay Herr Spawn on Kelp	263	4	0	9	6	0	263	4	0	9	6	0	276	282
Nelson Is Herr Gillnet	124	3	0	7	6	0	124	3	0	7	6	0	134	140
Nunivak Herr Gillnet	38	1	0	8	3	0	38	1	0	8	3	0	47	50
L Yukon Herr Gillnet	67	3	0	1	0	0	67	3	0	1	0	0	71	71
Norton Sd Herr Gillnet	103	31	2	35	74	0	103	31	2	35	74	0	171	245
Norton Sd Herr B Seine	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>3</u>	<u>0</u>	<u>1</u>	<u>4</u>
	595	43	2	60	92	0	595	43	2	60	92	0	700	792

TABLE 4. 1997 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 Dungeness Ring Net	4	0	4	0	0	0	0	0	0	0	0	0	8	8
SE Dungeness Dive	0	0	2	0	0	0	0	0	0	0	0	0	2	2
SE Dungeness 300 Pot	8	0	36	0	6	0	8	0	36	0	6	0	44	50
SE Dungeness 225 Pot	12	0	22	0	9	0	12	0	22	0	9	0	34	43
SE Dungeness 150 Pot	28	0	41	0	9	0	28	0	41	0	9	0	69	78
SE Dungeness 75 Pot	29	1	30	0	10	0	28	1	25	0	8	0	60	70
CI Dungeness Ring Net	1	0	0	0	0	0	0	0	0	0	0	0	1	1
CI Dungeness Pot	13	3	49	3	2	0	9	2	43	3	2	0	68	70
	95	4	184	3	36	0	85	3	167	3	34	0	286	322
Overall Total	5411	424	3255	1414	3124	11	5088	409	2894	1367	3030	11	10515	13639

\* This table excludes 823 permits which were revoked by the Commission and not re-instated.

\*\* By 1997 129 nontransferable 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 Commerce and Economic Development / Commercial Fishing and Agriculture Bank

TABLE 5. Numbers of Transfers Between Resident Types by Year, 1975-1997

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Cross-Cohort														
Rural Local to:														
Rural Nonlocal	0	1	6	7	6	5	3	11	4	5	6	10	7	3
Urban Local	20	28	55	42	41	47	48	33	38	36	29	36	31	37
Urban Nonlocal	8	11	24	45	44	52	59	55	60	31	38	40	32	26
Nonresident	13	37	45	61	43	45	40	58	43	47	36	43	38	39
DCED/CFAB	<u>0</u>	<u>1</u>	<u>5</u>	<u>2</u>	<u>3</u>	<u>6</u>	<u>3</u>	<u>6</u>						
	41	77	130	155	134	149	150	158	150	121	112	135	111	111
Rural Nonlocal to:														
Rural Local	2	1	3	6	2	4	3	9	2	4	4	4	6	2
Urban Local	1	5	3	4	2	1	4	5	2	5	4	3	1	2
Urban Nonlocal	0	1	9	5	11	10	7	8	11	7	7	6	10	6
Nonresident	0	0	6	14	4	3	9	3	2	2	10	8	5	5
DCED/CFAB	<u>0</u>	<u>1</u>	<u>2</u>											
	3	7	21	29	19	18	23	25	17	18	25	21	23	17
Urban Local to:														
Rural Local	22	25	26	26	34	17	36	30	28	33	34	39	44	30
Rural Nonlocal	3	2	1	3	5	0	0	2	2	1	5	3	6	5
Urban Nonlocal	1	5	7	11	11	7	3	11	11	5	14	15	17	20
Nonresident	11	16	23	28	41	30	26	43	42	60	49	39	32	53
DCED/CFAB	<u>0</u>	<u>10</u>	<u>5</u>	<u>3</u>	<u>6</u>	<u>5</u>	<u>7</u>	<u>2</u>						
	37	48	57	68	91	54	65	96	88	102	108	101	106	110
Urban Nonlocal to:														
Rural Local	7	7	10	22	10	14	14	11	15	17	24	16	26	22
Rural Nonlocal	2	2	8	9	7	2	5	6	10	6	9	6	9	7
Urban Local	1	12	12	13	6	9	6	10	10	10	11	8	8	15
Nonresident	4	12	22	17	29	19	25	36	18	33	32	26	32	39
DCED/CFAB	<u>0</u>	<u>2</u>	<u>0</u>	<u>1</u>	<u>3</u>	<u>1</u>	<u>3</u>							
	14	33	52	61	52	44	50	63	55	66	77	59	76	86
Nonresident to:														
Rural Local	34	26	32	37	13	21	20	30	19	11	28	23	21	35
Rural Nonlocal	1	3	5	5	4	7	8	5	7	5	11	7	15	7
Urban Local	41	31	38	47	39	35	25	27	30	23	32	45	48	43
Urban Nonlocal	11	10	10	25	31	23	33	22	43	29	31	53	29	33
DCED/CFAB	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>								
	87	70	85	114	87	86	86	84	99	69	102	128	114	118
DCED/CFAB to:														
Rural Local	0	0	0	0	0	0	0	1	2	2	0	2	1	4
Rural Nonlocal	0	0	0	0	0	0	0	0	0	0	1	0	2	2
Urban Local	0	0	0	0	0	0	0	1	5	6	5	5	6	3
Urban Nonlocal	0	0	0	0	0	0	0	0	0	2	3	7	5	6
Nonresident	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>1</u>							
	0	0	0	0	0	0	0	2	8	10	9	15	15	16
Intra-Cohort Transfers Between:														
Rural Local	93	144	237	293	269	252	245	245	313	231	217	222	231	220
Rural Nonlocal	3	4	9	28	16	17	12	14	12	10	10	14	11	13
Urban Local	130	137	232	260	221	188	205	193	234	178	202	257	190	182
Urban Nonlocal	9	25	53	62	84	72	66	71	58	74	74	63	88	102
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>175</u>	<u>176</u>	<u>155</u>	<u>150</u>
	408	541	763	887	826	709	718	716	794	667	678	732	675	667
GRAND TOTALS	590	776	1108	1314	1209	1060	1092	1144	1211	1053	1111	1191	1120	1125

TABLE 5. Numbers of Transfers Between Resident Types by Year, 1975-1997

	1989	1990	1991	1992	1993	1994	1995	1996	1997
Cross-Cohort									
Rural Local to:									
Rural Nonlocal	4	3	4	9	7	1	7	6	4
Urban Local	37	28	22	32	28	21	19	26	29
Urban Nonlocal	24	16	26	15	20	15	25	22	14
Nonresident	25	33	32	38	34	37	36	40	30
DCED/CFAB	<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>
	91	81	88	95	92	76	90	94	78
Rural Nonlocal to:									
Rural Local	4	6	1	3	2	3	10	4	6
Urban Local	3	1	4	6	2	4	1	2	0
Urban Nonlocal	7	10	12	10	11	16	10	7	3
Nonresident	2	6	6	9	5	4	6	15	7
DCED/CFAB	<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>
	16	23	23	28	20	31	28	28	17
Urban Local to:									
Rural Local	35	39	29	29	30	21	26	21	28
Rural Nonlocal	5	3	7	4	1	1	3	2	0
Urban Nonlocal	10	14	6	10	7	6	12	4	11
Nonresident	34	37	25	29	19	37	32	39	23
DCED/CFAB	<u>0</u>	<u>0</u>	<u>0</u>	<u>6</u>	<u>3</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>3</u>
	84	93	67	78	60	67	75	67	65
Urban Nonlocal to:									
Rural Local	8	18	18	30	14	13	26	29	20
Rural Nonlocal	4	10	14	8	10	7	8	11	8
Urban Local	8	10	4	9	3	4	9	5	8
Nonresident	25	23	32	25	20	32	28	26	36
DCED/CFAB	<u>2</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>0</u>
	47	61	69	72	49	58	72	72	72
Nonresident to:									
Rural Local	24	24	33	27	28	31	22	28	43
Rural Nonlocal	3	8	9	3	9	8	10	10	9
Urban Local	32	26	21	28	21	31	42	36	58
Urban Nonlocal	32	34	26	19	22	24	30	24	41
DCED/CFAB	<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>
	91	93	89	77	80	95	104	99	153
DCED/CFAB to:									
Rural Local	1	0	0	1	4	0	3	1	0
Rural Nonlocal	0	0	1	0	0	0	0	0	0
Urban Local	1	0	2	2	3	4	3	1	2
Urban Nonlocal	2	0	2	0	2	2	4	0	0
Nonresident	<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>
	5	1	7	3	9	7	10	2	2
Intra-Cohort									
Transfers Between:									
Rural Local	210	193	188	188	205	204	220	215	186
Rural Nonlocal	12	6	16	13	14	6	16	13	7
Urban Local	157	192	168	154	137	129	143	91	159
Urban Nonlocal	73	69	51	65	44	64	82	86	53
Nonresident	<u>128</u>	<u>138</u>	<u>163</u>	<u>177</u>	<u>146</u>	<u>171</u>	<u>170</u>	<u>174</u>	<u>169</u>
	580	598	586	597	546	574	631	579	574
GRAND TOTALS	914	950	929	950	856	908	1010	941	961

TABLE 6. Numbers of Intra-Cohort and Cross-Cohort Transfers By Fishery, 1975 - 1997\*

Permits Issued Beginning in:	Intra-Cohort		Cross-Cohort		Total Transfers
	Count	Percent	Count	Percent	
1975					
Southeast Seine	534	66.3	271	33.7	805
Southeast Drift	839	64.6	459	35.4	1,298
Power Troll	1,126	56.6	862	43.4	1,988
Yakutat Setnet	270	68.7	123	31.3	393
PWS Seine	369	61.0	236	39.0	605
PWS Drift	666	54.8	550	45.2	1,216
PWS Setnet	40	54.8	33	45.2	73
Cook Inlet Seine	137	72.1	53	27.9	190
Cook Inlet Drift	899	66.5	452	33.5	1,351
Cook Inlet Setnet	1,215	63.4	701	36.6	1,916
Kodiak Seine	490	54.1	416	45.9	906
Kodiak Beach Seine	80	65.0	43	35.0	123
Kodiak Setnet	331	60.2	219	39.8	550
Chignik Seine	63	57.8	46	42.2	109
Pen/Aleutian Seine	147	71.0	60	29.0	207
Pen/Aleutian Drift	241	62.4	145	37.6	386
Pen/Aleutian Setnet	219	68.4	101	31.6	320
Bristol Bay Drift	2,272	68.2	1,059	31.8	3,331
Bristol Bay Setnet	<u>1,319</u>	<u>61.6</u>	<u>823</u>	<u>38.4</u>	<u>2,142</u>
	11,257	62.9	6,652	37.1	17,909
1976					
Upper Yukon Gillnet	57	58.8	40	41.2	97
Upper Yukon Fish Wheel	160	70.5	67	29.5	227
Kuskokwim Gillnet	784	79.1	207	20.9	991
Kotzebue Gillnet	238	77.5	69	22.5	307
Lower Yukon Gillnet	624	78.9	167	21.1	791
Norton Sd Gillnet	<u>212</u>	<u>74.6</u>	<u>72</u>	<u>25.4</u>	<u>284</u>
	2,075	76.9	622	23.1	2,697
1977-78					
SE Herr Seine	20	39.2	31	60.8	51
SE Herr Gillnet	104	57.1	78	42.9	182
PWS Herr Seine	95	56.9	72	43.1	167
Cook Inlet Herr Seine	<u>79</u>	<u>59.0</u>	<u>55</u>	<u>41.0</u>	<u>134</u>
	298	55.8	236	44.2	534
1980-87					
Hand Troll	899	61.2	569	38.8	1,468
NSEI Sablefish Longline	19	63.3	11	36.7	30
SSEI Sablefish Longline	3	42.9	4	57.1	7
SSEI Sablefish 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	1	100.0	0	0.0	1
SE R/B King + Tanner Pot	4	80.0	1	20.0	5
SE All King + Tanner Pot	7	77.8	2	22.2	9
SE Tanner Crab Pot	4	80.0	1	20.0	5
PWS Herr Gillnet	20	52.6	18	47.4	38
PWS Herr Pound	49	38.9	77	61.1	126
Kodiak Herring Seine	33	37.9	54	62.1	87
Kodiak Herr Gillnet	<u>87</u>	<u>55.8</u>	<u>69</u>	<u>44.2</u>	<u>156</u>
	1,127	58.3	807	41.7	1,934
1988-91					
BBay Herr Spawn on Kelp	54	83.1	11	16.9	65
Nelson Is Herr Gillnet	25	75.8	8	24.2	33
Nunivak Herr Gillnet	5	62.5	3	37.5	8
L Yukon Herr Gillnet	28	96.6	1	3.4	29
Norton Sd Herr Gillnet	<u>119</u>	<u>53.8</u>	<u>102</u>	<u>46.2</u>	<u>221</u>
	231	64.9	125	35.1	356

TABLE 6. Numbers of Intra-Cohort and Cross-Cohort Transfers By Fishery, 1975 - 1997\*

Permits Issued Beginning in:	Intra-Cohort		Cross-Cohort		Total Transfers
	Count	Percent	Count	Percent	
1996-					
SE Dungeness 300 Pot	6	40.0	9	60.0	15
SE Dungeness 225 Pot	9	69.2	4	30.8	13
SE Dungeness 150 Pot	26	74.3	9	25.7	35
SE Dungeness 75 Pot	14	53.8	12	46.2	26
CI Dungeness Pot	<u>3</u>	<u>75.0</u>	<u>1</u>	<u>25.0</u>	<u>4</u>
	58	62.4	35	37.6	93
Statewide Totals	15,046	64.0	8,477	36.0	23,523

\* The number of transfers includes 132 permit foreclosures and 121 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, 1975-1997

Permits Issued Beginning in:	ARL	ARN	AUL	AUN	NON	DCED/ CFAB
1975						
Southeast Seine	-59	5	23	11	19	1
Southeast Drift	-7	2	10	3	-8	0
Power Troll	46	0	36	2	-86	2
Yakutat Setnet	-11	5	0	-2	8	0
PWS Seine	-32	7	-8	28	4	1
PWS Drift	-69	10	5	63	-9	0
PWS Setnet	-5	-2	-2	14	-5	0
Cook Inlet Seine	-13	2	10	2	-1	0
Cook Inlet Drift	7	-1	14	0	-20	0
Cook Inlet Setnet	-14	4	-20	-13	43	0
Kodiak Seine	-15	-2	38	20	-44	3
Kodiak Beach Seine	-3	1	-3	1	4	0
Kodiak Setnet	-12	-2	30	12	-28	0
Chignik Seine	-1	0	0	8	-7	0
Pen/Aleutian Seine	-17	0	-2	4	15	0
Pen/Aleutian Drift	-62	14	0	24	24	0
Pen/Aleutian Setnet	-11	0	1	2	8	0
Bristol Bay Drift	-217	-14	0	102	128	1
Bristol Bay Setnet	<u>-159</u>	<u>6</u>	<u>0</u>	<u>82</u>	<u>71</u>	<u>0</u>
	-654	35	132	363	116	8
1976						
Upper Yukon Gillnet	-3	0	0	4	-1	0
Upper Yukon Fish Wheel	3	0	0	-3	0	0
Kuskokwim Gillnet	5	-7	2	-1	1	0
Kotzebue Gillnet	-7	1	3	1	1	1
Lower Yukon Gillnet	-20	-10	0	28	2	0
Norton Sd Gillnet	<u>-1</u>	<u>-4</u>	<u>0</u>	<u>2</u>	<u>3</u>	<u>0</u>
	-23	-20	5	31	6	1
1977-78						
SE Herr Seine	-1	1	-16	7	9	0
SE Herr Gillnet	-9	1	3	2	3	0
PWS Herr Seine	5	-4	-2	5	-5	1
Cook Inlet Herr Seine	<u>-5</u>	<u>3</u>	<u>-8</u>	<u>10</u>	<u>0</u>	<u>0</u>
	-10	1	-23	24	7	1
1980-87						
Hand Troll	-35	4	-25	-1	56	1
NSEI Sablefish Longline	2	0	0	-2	0	0
SSEI Sablefish Longline	0	0	-1	1	0	0
SSEI Sablefish 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	1	0	0	0
SE All King + Tanner Pot	-1	0	2	0	-1	0
SE Tanner Crab Pot	0	0	1	0	-1	0
PWS Herr Gillnet	8	1	-5	1	-5	0
PWS Herr Pound	-2	7	-1	7	-11	0
Kodiak Herring Seine	4	-2	-11	10	-1	0
Kodiak Herr Gillnet	<u>2</u>	<u>-2</u>	<u>4</u>	<u>-4</u>	<u>0</u>	<u>0</u>
	-23	9	-35	11	37	1
1988-91						
BBay Herr Spawn on Kelp	3	-2	0	0	-1	0
Nelson Is Herr Gillnet	8	-2	0	-5	-1	0
Nunivak Herr Gillnet	-1	0	0	1	0	0
L Yukon Herr Gillnet	1	0	0	-1	0	0
Norton Sd Herr Gillnet	<u>-26</u>	<u>15</u>	<u>-3</u>	<u>-10</u>	<u>24</u>	<u>0</u>
	-15	11	-3	-15	22	0

TABLE 7. Net Shifts in Resident Types Due to Transfer Activity by Fishery, 1975-1997

Permits Issued Beginning in:	ARL	ARN	AUL	AUN	NON	DCED/ CFAB
1996-						
SE Dungeness 300 Pot	0	0	6	0	-6	0
SE Dungeness 225 Pot	0	0	1	-1	0	0
SE Dungeness 150 Pot	4	0	-2	0	-2	0
SE Dungeness 75 Pot	-2	0	0	0	2	0
CI Dungeness Pot	<u>0</u>	<u>0</u>	<u>-1</u>	<u>1</u>	<u>0</u>	<u>0</u>
	2	0	4	0	-6	0
Net Shifts 75-97	-723	36	80	414	182	11

ARL - Alaskan Rural Local

ARN - Alaskan Rural Nonlocal

AUL - Alaskan Urban Local

AUN - Alaskan Urban Nonlocal

NON - Nonresident

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

TABLE 8. Numbers of Cross-Cohort Migrations by Year, 1975-1997

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Rural Local to:														
Rural Nonlocal	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 Nonlocal	0	19	18	13	20	32	28	52	21	31	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>25</u>	<u>36</u>	<u>36</u>	<u>41</u>
	0	41	81	115	96	85	84	133	68	120	97	105	106	122
Rural Nonlocal 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 Nonlocal	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 Nonlocal	0	3	4	1	4	2	1	2	2	4	3	2	4	2
Urban Nonlocal	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>24</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	67	52	52	37	96	75	76	71	106
Urban Nonlocal to:														
Rural Local	0	30	21	32	18	20	32	27	26	31	18	26	27	23
Rural Nonlocal	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	17	24	20
Rural Nonlocal	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	23	20	25
Urban Nonlocal	<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	52	50	57
GRAND TOTALS	0	205	246	324	280	271	254	334	256	361	297	304	305	370

TABLE 8. Numbers of Cross-Cohort Migrations by Year, 1975-1997

	1989	1990	1991	1992	1993	1994	1995	1996	1997	All Years Totals	% of Grand Total
Rural Local to:											
Rural Nonlocal	8	16	5	5	6	17	9	11	2	162	2.4
Urban Local	38	54	43	36	33	28	31	23	29	716	10.6
Urban Nonlocal	45	67	43	29	26	27	48	42	36	722	10.7
Nonresident	<u>40</u>	<u>37</u>	<u>22</u>	<u>16</u>	<u>32</u>	<u>28</u>	<u>29</u>	<u>33</u>	<u>24</u>	<u>671</u>	<u>9.9</u>
	131	174	113	86	97	100	117	109	91	2271	33.5
Rural Nonlocal to:											
Rural Local	9	1	6	8	11	1	5	7	6	111	1.6
Urban Local	3	4	0	3	0	2	1	0	6	45	0.7
Urban Nonlocal	12	19	14	9	11	15	15	3	11	184	2.7
Nonresident	<u>2</u>	<u>8</u>	<u>2</u>	<u>4</u>	<u>6</u>	<u>5</u>	<u>4</u>	<u>5</u>	<u>2</u>	<u>77</u>	<u>1.1</u>
	26	32	22	24	28	23	25	15	25	417	6.2
Urban Local to:											
Rural Local	33	25	39	41	26	28	29	21	12	668	9.9
Rural Nonlocal	3	3	4	2	1	1	2	5	3	58	0.9
Urban Nonlocal	10	18	19	15	9	20	9	17	5	235	3.5
Nonresident	<u>49</u>	<u>28</u>	<u>40</u>	<u>34</u>	<u>27</u>	<u>25</u>	<u>33</u>	<u>35</u>	<u>31</u>	<u>618</u>	<u>9.1</u>
	95	74	102	92	63	74	73	78	51	1579	23.3
Urban Nonlocal to:											
Rural Local	32	28	29	26	20	30	15	28	22	561	8.3
Rural Nonlocal	15	10	14	8	7	6	4	7	6	172	2.5
Urban Local	8	9	12	11	6	4	6	8	10	154	2.3
Nonresident	<u>39</u>	<u>17</u>	<u>19</u>	<u>14</u>	<u>19</u>	<u>21</u>	<u>13</u>	<u>22</u>	<u>17</u>	<u>338</u>	<u>5.0</u>
	94	64	74	59	52	61	38	65	55	1225	18.1
Nonresident to:											
Rural Local	30	20	27	34	16	20	17	17	21	560	8.3
Rural Nonlocal	1	1	2	3	0	5	1	4	1	42	0.6
Urban Local	16	18	17	25	29	18	19	16	10	468	6.9
Urban Nonlocal	<u>4</u>	<u>6</u>	<u>10</u>	<u>9</u>	<u>9</u>	<u>12</u>	<u>9</u>	<u>8</u>	<u>6</u>	<u>208</u>	<u>3.1</u>
	51	45	56	71	54	55	46	45	38	1278	18.9
GRAND TOTALS	397	389	367	332	294	313	299	312	260	6770	100.0

TABLE 9. Net Shifts in Resident Types Due to Migration Activity, by Fishery, 1975-1997

Permits Issued Beginning in:	ARL	ARN	AUL	AUN	NON
1975					
Southeast Seine	4	0	-7	2	1
Southeast Drift	12	-2	2	-2	-10
Power Troll	-16	0	5	0	11
Yakutat Setnet	-7	-1	0	-1	9
PWS Seine	-36	0	7	14	15
PWS Drift	-12	-10	-8	13	17
PWS Setnet	0	2	-2	-2	2
Cook Inlet Seine	3	-2	-4	-3	6
Cook Inlet Drift	-17	-5	-15	10	27
Cook Inlet Setnet	17	0	-38	-3	24
Kodiak Seine	-13	9	-31	4	31
Kodiak Beach Seine	-6	-1	4	5	-2
Kodiak Setnet	-16	0	-18	1	33
Chignik Seine	15	-5	0	-12	2
Pen/Aleutian Seine	-1	0	1	-1	1
Pen/Aleutian Drift	-1	-5	0	3	3
Pen/Aleutian Setnet	-12	0	-1	4	9
Bristol Bay Drift	-19	-20	0	-22	61
Bristol Bay Setnet	<u>-51</u>	<u>5</u>	<u>0</u>	<u>6</u>	<u>40</u>
	-156	-35	-105	16	280
1976					
Upper Yukon Gillnet	-16	1	10	2	3
Upper Yukon Fish Wheel	-19	2	5	9	3
Kuskokwim Gillnet	-19	8	-10	14	7
Kotzebue Gillnet	-8	3	-22	20	7
Lower Yukon Gillnet	-54	20	0	29	5
Norton Sd Gillnet	<u>-21</u>	<u>8</u>	<u>-2</u>	<u>16</u>	<u>-1</u>
	-137	42	-19	90	24
1977-78					
SE Herr Seine	0	0	0	0	0
SE Herr Gillnet	1	1	-8	-2	8
PWS Herr Seine	-11	1	0	-9	19
Cook Inlet Herr Seine	<u>-1</u>	<u>2</u>	<u>0</u>	<u>-16</u>	<u>15</u>
	-11	4	-8	-27	42
1980-87					
Hand Troll	-32	4	-54	30	52
NSEI Sablefish Longline	-1	0	-2	2	1
SSEI Sablefish Longline	0	0	0	1	-1
SE All King + Tanner Pot	0	0	-1	0	1
PWS Herr Gillnet	0	-1	-2	1	2
PWS Herr Pound	-9	2	-2	1	8
Kodiak Herring Seine	-7	2	-2	1	6
Kodiak Herr Gillnet	<u>-1</u>	<u>1</u>	<u>1</u>	<u>-6</u>	<u>5</u>
	-50	8	-62	30	74
1988-91					
BBay Herr Spawn on Kelp	-8	1	0	5	2
Nelson Is Herr Gillnet	-5	-1	0	4	2
Nunivak Herr Gillnet	0	-1	0	1	0
L Yukon Herr Gillnet	-2	2	0	0	0
Norton Sd Herr Gillnet	<u>-2</u>	<u>-3</u>	<u>-2</u>	<u>5</u>	<u>2</u>
	-17	-2	-2	15	6
Net Shifts 75-97	-371	17	-196	124	426

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, 1975-1997

Year	Alaska Rural Local				Alaska Rural Nonlocal				Alaska Urban Local				Alaska Urban Nonlocal				Nonresident				DCED/ CFAB
	Trn	Mig	Rev	Net	Trn	Mig	Rev	Net	Trn	Mig	Rev	Net	Trn	Mig	Rev	Net	Trn	Mig	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	38	-18	0	20	48	12	0	60	11	11	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	-54	13	0	-41	-1	6	0	5	-22	-16	0	-38	8	9	-1	16	73	-12	-2	59	-4
1985	-22	-13	-32	-67	7	-2	-2	3	-27	9	-76	-94	16	14	-6	24	25	-8	-27	-10	1
1986	-51	-27	-12	-90	5	8	0	13	-4	-12	-41	-57	62	-1	-2	59	-11	32	-6	15	-1
1987	-13	-25	-11	-49	16	2	0	18	-12	-11	-29	-52	17	0	-4	13	-6	34	-4	24	-2
1988	-18	-31	-12	-61	7	13	0	20	-10	-26	-35	-71	5	-6	-5	-6	19	50	-14	55	-3
1989	-19	-27	-10	-56	0	1	0	1	-3	-30	-27	-60	28	-23	-3	2	-4	79	-12	63	-2
1990	6	-100	-9	-103	1	-2	-1	-2	-28	11	-25	-42	13	46	-3	56	7	45	-5	47	1
1991	-7	-12	-14	-33	12	3	0	15	-14	-30	-20	-64	3	12	-1	14	8	27	-5	30	-2
1992	-5	23	-15	3	-4	-6	-1	-11	-1	-17	-31	-49	-18	3	-5	-20	24	-3	-3	18	4
1993	-14	-24	-15	-53	7	-14	1	-6	-3	5	-34	-32	13	3	-8	8	-2	30	-10	18	-1
1994	-8	-21	-18	-47	-14	6	-4	-12	-3	-22	-26	-51	5	13	0	18	16	24	-7	33	4
1995	-3	-51	-16	-70	0	-9	0	-9	-1	-16	-24	-41	9	43	-9	43	-2	33	-9	22	-3
1996	-11	-36	-12	-59	1	12	0	13	3	-31	-21	-49	-15	5	-3	-13	21	50	-14	57	1
1997	19	-30	-17	-28	4	-13	0	-9	32	4	-26	10	-3	3	-4	-4	-57	36	-9	-30	5
<b>Total</b>	<b>-723</b>	<b>-371</b>	<b>-209</b>	<b>-1303</b>	<b>36</b>	<b>17</b>	<b>-8</b>	<b>45</b>	<b>80</b>	<b>-196</b>	<b>-420</b>	<b>-536</b>	<b>414</b>	<b>124</b>	<b>-58</b>	<b>480</b>	<b>182</b>	<b>426</b>	<b>-128</b>	<b>480</b>	<b>11</b>



