III. GEOGRAPHIC DISTRIBUTION OF PERMITS, TRANSFERS AND MIGRATIONS

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. Statewide and fishery-specific information are provided.

Classification of Permits

Hardship ranking systems, or "point systems", based upon past participation and economic dependence were developed for each limited entry fishery and used to allocate the original permits. The Limited Entry Act requires CFEC to determine levels within the point systems where persons would experience only "minor economic hardship" if excluded from an initial permit allocation. Persons who receive permanent entry permits and who are ranked at or below the minor economic hardship level receive nontransferable permits, while persons who are ranked above the minor economic hardship level receive transferable permits.

Over all permit types, 16,427 permits have been issued through year-end 2008. 14,131 transferable permits have been issued to persons ranked above the minor economic hardship level (86.0%) and 2,296 nontransferable permits have been issued to persons ranked at or below the minor economic hardship level (14.0%).

In most permit types, a majority of the permanent permits were issued as transferable permits to persons ranked above the minor economic hardship level. In a few fisheries, a higher percentage of nontransferable permits were issued. For example, 310 permanent permits were initially issued in the Southeast shrimp pot fishery in 1998; 154 transferable permits (49.7%) were issued to persons ranked above the minor economic hardship level and 156 nontransferable permits (50.3%) were issued to persons ranked at or below the minor economic hardship level (Table 3). Table 3 indicates the distribution of permits among resident types for transferable permits and all permits, both transferable and nontransferable, at initial issuance. Table 4 indicates the distribution of permits among resident types for transferable permits and all permits, at year-end 2008. Year-end holdings in the Southeast Salmon Seine permit type reflect a net decrease of 39 permits since initial issuance, of which 35 were forfeited under the Southeast Revitalization Association fleet consolidation program in 2008.

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[1] divided permit holders who were residents of Alaska into those who had domiciles that were "local" and those that were "nonlocal" to the permit type. He further defined Alaskan domiciles as "rural" or "urban." Non-Alaskans were grouped as a single "nonresident" category. Langdon's conceptual categories are a useful way to examine the geographic distribution of permits. Combinations of Langdon's resident types 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;[2]

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

NR: ***Nonresident*** of Alaska;

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

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.

Decision rules for designating urban/rural and local/nonlocal classifications are described in Appendix A. For Census 2000, the Census Bureau changed its method of classifying areas as rural or urban. The Census Bureau used advances in geographic information systems (GIS) to automate the urban and rural delineation process. The Census Bureau did not automatically recognize previously existing classifications of rural or urban. There was no "grandfathering" of areas that qualified based on the results of earlier censuses. For details on this process, please see Appendix A.

[1] Langdon, S. "Transfer Patterns in Alaskan Limited Fisheries" January 17, 1980.

[2] 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.

Urban and rural designations in this report are based upon the most recent information from Census 2000. Because editions of this report prior to 2003 used 1990 census criteria, some changes have occurred in the rural/urban designations. In general, there are now more Alaska places designated as rural, and consequently more permits issued and held by rural residents.

The local/nonlocal distinction is linked to Commercial Fisheries Entry Commission administrative areas, which are based on regulatory boundaries of the fishery. Some inland communities are considered local to permit types in areas such as the Yukon River and Bristol Bay. A thorough description of local/nonlocal decision rules also can be found in Appendix A.

Before 1978, resident type classifications were based on address information provided to CFEC during the issuance, renewal and transfer of permits. Some nonresident applicants used an Alaska address, so were classified as residents. After 1978, in an effort to improve the accuracy of resident/nonresident data, CFEC renewal and transfer forms included a sworn declaration of residency. In addition, permit holders claiming Alaskan residency were required to provide a valid Alaska address. Before 1982, permit renewal forms included space for only one address. The address listed may have been a temporary mailing address near the fishing grounds. As a result, a number of fishermen could have been misclassified as living in a place that was local to the permit type. Beginning in 1982, permit renewal forms included space for both a permanent and a temporary mailing address. Data suggest the number of fishermen who may have been misclassified is relatively small, although an exact number is unknown. From l982 forward, temporary mailing addresses have not been a major cause of erroneous resident classifications.[3]

For this report, residency of the permit holder was determined by the type of fee paid for the issuance or renewal of the permit, either resident or nonresident. In the event that someone other than the year-end permit holder paid the fee, the residency declaration of the year-end permit holder was used to determine residency.

Geographic Distribution of Initial Issuees

Over all permit types, Alaska residents received 81.7% (13,416 permits) of the initial allocation of permits and nonresidents received 18.3% (3,011 permits) through 2008. Of the 16,427 permits issued, ARLs received more permits than any other resident type (7,571 permits, 46.1%). AULs

[3] 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.

received 4,280 permits (26.1%) and nonlocal permit holders (ARN and AUN) received 1,565 permits (9.5%).

The percentages of permits issued to the resident types vary widely between individual permit types and groups of permit types. For example, ARLs were issued 41.7% of the 8,290 permits in the group of original 19 salmon permit types, and 80.1% of the 2,215 Arctic-Yukon-Kuskokwim (AYK) permits.

Geographic Distribution of Permit Holders at Year-end 2008

By the end of 2008, the distribution of permits among the resident types had changed to the levels shown in Table 4. Alaska residents held 76.9% (11,072 permits) of all permits and nonresidents held 23.1% (3,321 permits). Thirteen permits had been foreclosed upon by DCCED or CFAB and have yet to be transferred, but are included in the totals listed for Alaska residents.

Changes in the distribution of all permits from the time of initial issue to year-end 2008 includes a 27.8% (2,108 permits) decrease in the total number of permits held by ARLs. At year-end 2008, ARLs held 49.3% of all Alaskan resident permits (5,463 out of 11,072) and 38.0% of the total permits (5,463 out of 14,393). Generally, ARLs have experienced the largest percentage decreases of transferable permits in the permit types that have been limited the longest.

The total number of permits held by AULs decreased 18.6% (795 permits) by the end of 2008. The total number of permits held by AUNs increased 45.1% (395 permits), the largest percent change of any residency type. ARNs and nonresidents also increased their holdings of permits: 21.9% for ARNs (151 permits) and 10.3% (310 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: 1) transfers between permit holders of the same resident type and 2) 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 result in a change in the distribution of permits among the resident types.

A total of 34,170 transfers are organized by cross-cohort and intra-cohort 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 at a high of 69.2% in 1976 and a low of 56.6% in 2004. Generally, the percentage of intra-cohort transfers was higher in the early years, from 1975 to 1981. By the end of 2008, intra-cohort transfers over all years accounted for 62.2% of the total number of transfers.

Information on the intra-cohort and cross-cohort transfers for each permit type, all years combined, is provided in Table 6. With a few exceptions, the majority of transfers within each permit type have been intra-cohort. Note that for Tables 6 and 7, if transfers have not occurred for a particular permit type, the permit type does not appear in the table.

The cumulative net results of cross-cohort transfers to each resident type, by permit type, are shown in Table 7. By year-end 2008, the following changes had occurred in the distribution of transferable permits as a result of cross-cohort transfer activity:

1. Permits held by ARLs decreased in 30 of the listed permit types as the net result of cross-cohort transfer activity, which resulted in a statewide net decrease of 575 ARL permits (8.5% of the 6,798 transferable permits originally issued to ARLs). The Bristol Bay salmon drift and set gillnet permit types have had the largest numerical net decreases due to transfer activity (407 permits combined). This 407 permit decrease is 32.0% of the 1,270 transferable permits originally issued to ARLs in these two permit types.

2. Permits held by ARNs increased by 250 permits due to net transfer activity, a 39.2% increase of the 637 transferable permits issued to this resident type. The largest net increase was in the Prince William Sound salmon drift gillnet permit type (86 permits).

3. Permits held by AULs increased by 263 permits due to net transfer activity (8.3% of the 3,157 transferable permits originally issued to this group). The largest net increases were in the Kodiak salmon seine (62 permits), salmon power troll (53 permits), Kodiak salmon setnet (47), and Southeast salmon seine (43 permits) permit types. The number of permits held by AULs decreased in 11 permit types.

4. Permits held by AUNs have increased by 203 permits due to net transfer activity, a 25.5% increase over the 797 transferable permits initially issued to this resident type. The number of transferable permits held by AUNs has increased in 24 permit types, especially Bristol Bay salmon (148 permits), and Prince William Sound salmon (29 permits).

5. The number of permits held by nonresidents decreased by 154 permits statewide through net transfer activity, a 5.6% decrease from the 2,742 transferable permits originally issued to nonresidents. The number of transferable permits decreased in 38 of the permit types due to net transfer activity, especially the salmon power troll (130 permits), Kodiak salmon seine and setnet (81 and 34 permits respectively), Cook Inlet salmon drift gillnet (63 permits), and Prince William Sound salmon drift gillnet (59 permits) permit types.

   In 20 other permit types, the number of permits held by nonresidents increased due to net transfer activity, especially Bristol Bay salmon drift and set gillnet (226 permits), salmon hand troll (40 permits), and Cook Inlet salmon setnet (27 permits).

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 l975-2008 time period there were 10,653 city and/or residence indicator changes that 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. The net results of migratory activity to each resident type over the entire period are shown by permit type in Table 9. Some recently limited permit types have had no migratory activity, so are not listed in these tables.

The 1975-2008 geographical shifts in the distribution of permits due to migration can be summarized as follows:

1. Statewide, the number of permits held by ARLs decreased by 843 permits as the net result of migration. Migratory activities did not affect all permit types in the same manner, however. There were ARL net decreases in 46 permit types and ARL net increases in 11 others.

   The number of permits held by ARLs decreased primarily in the AYK salmon (255 permits), Bristol Bay salmon setnet (116 permits), power troll (56 permits), hand troll (74 permits), Bristol Bay salmon driftnet (67 permits), and Prince William Sound salmon seine (48 permits), and drift gillnet (48 permits) permit types. Some of the ARL gains through migration were made in the Cook Inlet salmon setnet (23 permits) and drift gillnet (10 permits), Chignik salmon seine (8 permits), and Southeast salmon drift gillnet (19 permits) permit types.

2. The number of permits held by ARNs decreased by 15 as a net result of migration activity. Permit types with the greatest amount of increase were AYK salmon (61 permits) and Kodiak Salmon seine (7 permits). The most notable decreases were in the Bristol Bay salmon drift gillnet permit type (37 permits) and Prince William Sound salmon drift gillnet (24 permits).

3. The number of permits held by AULs decreased by 315 as the net result of migration. The decrease was primarily in salmon hand troll (69 permits), the Cook Inlet salmon setnet (58 permits), and drift gillnet (54 permits), and Kodiak salmon seine (59 permits) permit types.

4. The number of permits held by AUNs increased by 342 as the net result of migration. Permits held by AUNs increased by 153 permits in the AYK salmon permit types, 44 permits in the Bristol Bay salmon setnet permit type and 28 permits in the Prince William Sound drift gillnet. However, there were net decreases in 12 permit types, particularly in the herring permit types limited in 1977-78 (22 permits), and Bristol Bay salmon drift gillnet permit type (11 permits).

5. Permit holders moving in and out of Alaska resulted in a net increase of 831 nonresident permits. The nonresident category shows net changes in the number of permits in 60 different permit types, 54 of which indicate net increases. The largest net increases in permits held by nonresidents were in Bristol Bay salmon (188 permits), salmon hand troll (110 permits), Cook Inlet salmon (97 permits), and Kodiak purse seine and setnet salmon (102 permits) permit types. The largest decreases in the number of permits held by nonresidents as the net result of

migration occurred in the Southeast salmon drift gillnet (7 permits) and Southeast sea urchin dive (4 permits) fisheries.

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 cancellations is provided in Table 10. The cumulative effects of these changes are summarized below:

l. ARLs were issued 7,571 permits, (transferable and nontransferable, Table 3) through year-end 2008, which represented 46.1% of all permits. At year-end 2008, 5,463 (38.0%) of all permits were held by ARLs (Table 4). The decrease of 2,108 permits represents 27.8% of all permits originally issued to this group. Migration accounts for 40.0% of the decrease (843 permits) followed by cancellations (32.7% or 690 permits), and transfer activities (27.3% or 575 permits).

   The number of permits held by ARLs continued to decline in 2008, decreasing by 31 at the year's -end. Before 1987, transfers accounted for most of this decline, but in more recent years, migrations and cancellations have accounted for most of the decrease.

2. ARNs were initially issued 689 permits (4.2% of all permits). By the end of 2008, the number of permits held by ARNs rose to 840 (5.8% of all permits). The increase of 151 permits represents a 21.9% increase over the number of permits originally issued to this group. The net increase is due to transfer activity (250 permits). Cancellations and migrations reduced the number of ARN-held permits by 84 and 15 permits, respectively.

3. AULs received 4,280 of all permits issued through 2008 (26.1% of all permits). They held 3,485 permits at year-end 2008 (24.2% of all permits), a decrease of 795 permits. Cancellations of permits (743 permits) have been the major factor in this decrease. Most of these cancellations were in the hand troll permit type. Nontransferable permits are normally cancelled when the permit holders dies or does not renew the permit.

   Transfer activities since 1975 have resulted in a net increase of 263 AUL-held permits, while migration has resulted in a net loss of 315 permits to other resident types.

4. AUNs received 876 (5.3%) of all permits issued through 2008. At the end of 2008, the number of permits held by AUNs had risen to 1,271 (8.8% of all permits). The increase of 395 permits represents a 45.1% increase over the number of permits originally issued to this group.

5. Nonresidents received 3,011 of all permits issued through 2008 (18.3% of all permits). By the end of 2008, nonresidents held 3,321 permits (23.1%). The 310 net permit increase represents a 10.3% increase over the number of permits originally issued to this group.

   The overall net change in nonresident permit ownership has been influenced primarily by migration (831 permits) and cancellations (367 permits). Net transfer activity has reduced nonresident permit holders by 154 permits. Annually, the net changes in migration and transfers have fluctuated greatly.

Appendix C documents initial issuance, transfer, migration, and cancellations of permits by permit type and by year for each of the resident types. An in-depth analysis of the movements of

permits from ARL permit holders and from the Alaska Local permit holders (combined group of ARLs and AULs) are presented in subsequent chapters of this report.

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TABLE 3. Total Number of Initial Permit Holders by Permit Type and Resident Type, 1975-2008*

	All Permits Issued to					All Transferable Permits Issued to					All Permits	
Permits First Issued in:	ARL	ARN	AUL	AUN	NR	ARL	ARN	AUL	AUN	NR	Alaska Total	Grand Total
1975												
SE Salmon Seine	106	0	106	0	207	106	0	106	0	207	212	419
SE Salmon Drift Gillnet	118	1	195	4	157	118	1	195	4	157	318	475
Salmon Power Troll	264	5	406	11	286	264	5	406	11	286	686	972
Yakutat Salmon Setnet	129	3	0	22	18	129	3	0	22	18	154	172
PWS Salmon Seine	186	12	0	14	55	186	12	0	14	55	212	267
PWS Salmon Drift Gillnet	350	20	0	28	139	350	20	0	28	139	398	537
PWS Salmon Setnet	21	0	0	2	7	20	0	0	2	7	23	30
Cook Inlet Salmon Seine	76	0	7	1	1	76	0	7	1	1	84	85
Cook Inlet Salmon Drift	167	11	197	11	187	167	11	197	11	187	386	573
Cook Inlet Salmon Setnet	202	16	446	26	56	202	16	446	26	56	690	746
Kodiak Salmon Seine	76	25	162	10	111	76	25	162	10	111	273	384
Kodiak Salmon Beach Seine	13	2	18	1	2	12	1	17	1	1	34	36
Kodiak Salmon Setnet	44	3	77	13	51	44	3	77	13	51	137	188
Chignik Salmon Seine	29	12	0	29	21	29	12	0	29	21	70	91
Pen/Aleutian Salmon Seine	101	0	2	3	15	101	0	2	3	15	106	121
Pen/Aleutian Salmon Drift	98	1	1	13	49	98	1	1	13	49	113	162
Pen/Aleutian Salmon Setnet	99	0	0	9	8	99	0	0	9	8	108	116
Bristol Bay Salmon Drift	713	184	0	232	746	713	184	0	232	746	1,129	1,875
Bristol Bay Salmon Setnet	661	64	0	161	155	557	49	0	140	137	886	1,041
	3,453	359	1,617	590	2,271	3,347	343	1,616	569	2,252	6,019	8,290
1976												
Upper Yukon Salmon Gillnet	56	3	13	2	1	56	3	13	2	1	74	75
U Yukon Salmon Fish Wheel	141	2	18	2	2	141	2	18	2	2	163	165
Kuskokwim Salmon Gillnet	665	2	172	0	0	665	2	172	0	0	839	839
Kotzebue Salmon Gillnet	54	3	157	5	1	54	3	157	5	1	219	220
Lower Yukon Salmon Gillnet	680	19	0	12	1	680	19	0	12	1	711	712
Norton Sound Salmon Gillnet	178	1	23	2	0	178	1	23	2	0	204	204
	1,774	30	383	23	5	1,774	30	383	23	5	2,210	2,215
1977-78												
SE Roe Herring Seine	4	0	37	0	5	4	0	37	0	5	41	46
SE Herring Gillnet	18	0	65	1	26	18	0	65	1	26	84	110
PWS Roe Herring Seine	32	42	0	20	11	32	42	0	20	11	94	105
Cook Inlet Herring Seine	46	3	4	14	8	46	3	4	14	8	67	75
	100	45	106	35	50	100	45	106	35	50	286	336
1980-87												
Salmon Hand Troll	792	10	1,155	48	156	324	1	332	11	37	2,005	2,161
NSEI Sablefish Longline	7	2	31	1	13	7	2	31	1	13	41	54
SSEI Sablefish Longline	0	0	7	0	3	0	0	7	0	3	7	10
SSEI Sablefish Pots	1	0	1	0	1	1	0	1	0	0	2	3
SE Red,Blue King Crab Pot	1	0	3	0	1	1	0	3	0	1	4	5
SE Red,Blue,Brn Kng Crb Pot	0	0	4	0	2	0	0	3	0	1	4	6
SE Brown King Crab Pot	0	0	7	0	1	0	0	3	0	1	7	8
SE Red,Blue King/Tanner Pot	1	0	12	0	1	1	0	12	0	1	13	14
SE Brown King/Tanner Pot	1	0	2	0	2	1	0	1	0	1	3	5
SE All King/Tanner Pot	5	0	21	0	2	5	0	20	0	2	26	28
SE Tanner Crab Pot	2	1	11	0	8	2	1	11	0	5	14	22
PWS Roe Herring Gillnet	20	0	0	0	4	20	0	0	0	4	20	24
PWS Her Spawn on Kelp Pound	67	8	0	17	36	67	8	0	17	36	92	128
Kodiak Roe Herring Seine	11	9	44	2	14	9	4	36	1	6	66	80
Kodiak Roe Herring Gillnet	5	28	49	17	10	5	21	38	12	6	99	109
Kodiak Roe Her Seine/Gill	0	0	1	0	1	0	0	1	0	0	1	2
	913	58	1,348	85	255	443	37	499	42	117	2,404	2,659
1988-91												
BBay Herring Spawn on Kelp	275	5	0	5	5	275	5	0	5	5	285	290
Norton Sd Her Beach Seine	0	1	0	0	3	0	1	0	0	3	1	4
Nelson Island Her Gillnet	136	6	0	9	7	136	6	0	9	7	151	158
Nunivak Island Her Gillnet	45	3	0	11	5	41	3	0	7	3	59	64
Lower Yukon Herring Gillnet	94	5	0	4	3	88	2	0	2	0	103	106
Norton Sd Herring Gillnet	148	27	7	44	59	148	27	7	44	59	226	285
	698	47	7	73	82	688	44	7	67	77	825	907

TABLE 3. Total Number of Initial Permit Holders by Permit Type and Resident Type, 1975-2008*

	All Permits Issued to					All Transferable Permits Issued to					All Permits	
Permits First Issued in:	**ARL**	**ARN**	**AUL**	**AUN**	**NR**	**ARL**	**ARN**	**AUL**	**AUN**	**NR**	**Alaska Total**	**Grand Total**
1997												
SE Dungeness Ring Net	4	0	4	0	0	0	0	0	0	0	8	8
SE Dungeness Dive	0	0	3	0	0	0	0	0	0	0	3	3
SE Dungeness 300 Pot	8	0	32	0	12	8	0	32	0	12	40	52
SE Dungeness 225 Pot	13	0	24	1	10	13	0	22	1	10	38	48
SE Dungeness 150 Pot	25	0	48	0	12	25	0	47	0	11	73	85
SE Dungeness 75 Pot	46	1	50	0	14	34	1	29	0	6	97	111
Cook Inlet Dunge Ring Net	1	0	0	0	0	0	0	0	0	0	1	1
Cook Inlet Dungeness Pot	58	3	6	2	2	49	2	4	2	2	69	71
	155	4	167	3	50	129	3	134	3	41	329	379
1998												
NSE Her Spawn on Kelp Pound	14	0	71	5	17	14	0	71	5	17	90	107
SSE Her Spawn on Kelp Pound	129	0	65	1	14	99	0	42	1	11	195	209
SE Shrimp Otter Trawl	0	0	0	1	0	0	0	0	0	0	1	1
SE Shrimp Beam Trawl	14	0	10	0	4	12	0	8	0	3	24	28
SE Shrimp Pot	136	2	146	5	21	73	0	66	3	12	289	310
PWS Sablefish Net Gear	0	0	0	1	0	0	0	0	1	0	1	1
PWS Sablefish Fixed 90ft	1	0	0	0	0	1	0	0	0	0	1	1
PWS Sablefish Fixed 60ft	0	0	0	2	0	0	0	0	2	0	2	2
PWS Sablefish Fixed 50ft	5	8	0	15	4	5	8	0	15	4	28	32
PWS Sablefish Fixed 35ft	3	2	0	2	3	3	2	0	2	3	7	10
	302	12	292	32	63	207	10	187	29	50	638	701
1999-2002												
SE Urchin Dive	8	1	21	2	51	8	1	21	2	50	32	83
SE Geoduck Dive	14	0	39	3	55	4	0	11	1	34	56	111
SE Cucumber Dive	92	3	184	6	104	36	0	77	2	41	285	389
Goodnews Bay Her Gillnet	46	122	0	13	1	46	116	0	13	1	181	182
Kodiak Fd/Bt Her Seine/Gill	1	0	4	0	0	1	0	4	0	0	5	5
Kodiak Fd/Bt Her Trawl 75ft	0	0	0	0	1	0	0	0	0	1	0	1
Kodiak Fd/Bt Her Trawl 70ft	0	0	1	0	0	0	0	1	0	0	1	1
Kodiak Fd/Bt Her Trawl 60ft	0	0	0	0	2	0	0	0	0	2	0	2
	161	126	249	24	214	95	117	114	18	129	560	774
2004												
Kodiak Tnr Bairdi,Pot> 60ft	0	2	25	2	6	0	2	25	2	6	29	35
Kodiak Tnr Bairdi,Pot< 60ft	15	6	86	9	15	15	6	86	9	15	116	131
	15	8	111	11	21	15	8	111	11	21	145	166
Overall Total	7,571	689	4,280	876	3,011	6,798	637	3,157	797	2,742	13,416	16,427

* Figures in this table include 2,184 permits which were cancelled because of forfeit, criminal action, revocation, reconsideration, or administrative error. 150 of these permits were subsequently reinstated.

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

TABLE 4. 2008 Year-end Distribution of Permit Holders by Permit Type and Resident Type*

Permits First Issued in:	All Permits Held By						All Transferable Permits Held By **						All Permits	
	ARL	ARN	AUL	AUN	NR	DCCED/ CFAB	ARL	ARN	AUL	AUN	NR	DCCED/ CFAB	Alaska Total	Grand Total
1975														
SE Seine	38	9	131	9	193	0	38	9	131	9	193	0	187	380
SE Drift	133	2	223	9	106	0	133	2	223	9	106	0	367	473
Power Troll	276	5	474	20	186	0	276	5	474	20	186	0	775	961
Yakutat Setnet	106	10	0	18	31	0	106	10	0	18	31	0	134	165
PWS Seine	102	54	0	38	73	0	102	54	0	38	73	0	194	267
PWS Drift	255	82	0	76	124	0	255	82	0	76	124	0	413	537
PWS Setnet	7	1	0	16	5	0	7	1	0	15	5	0	24	29
Cook Inlet Seine	63	0	12	1	6	0	63	0	12	1	6	0	76	82
Cook Inlet Drift	222	9	157	14	169	0	222	9	157	14	169	0	402	571
Cook Inlet Setnet	235	14	358	4	127	0	235	14	358	4	127	0	611	738
Kodiak Seine	39	50	162	34	89	0	39	50	162	34	89	0	285	374
Kodiak Beach Seine	6	5	9	3	8	0	6	5	9	3	8	0	23	31
Kodiak Setnet	14	4	92	20	58	0	14	4	92	20	58	0	130	188
Chignik Seine	38	11	0	22	19	1	38	11	0	22	19	1	72	91
Pen/Aleutian Seine	62	5	4	11	36	0	62	5	4	11	36	0	82	118
Pen/Aleutian Drift	37	31	3	15	76	0	37	31	3	15	76	0	86	162
Pen/Aleutian Setnet	74	3	0	16	19	1	74	3	0	16	19	1	94	113
Bristol Bay Drift	391	164	0	316	988	4	391	164	0	316	988	4	875	1,863
Bristol Bay Setnet	364	66	0	239	312	0	327	62	0	229	299	0	669	981
	2,462	525	1,625	881	2,625	6	2,425	521	1,625	870	2,612	6	5,499	8,124
1976														
U Yukon Gillnet	28	2	29	4	1	0	28	2	29	4	1	0	63	64
U Yukon Fish Wheel	82	3	29	8	2	0	82	3	29	8	2	0	122	124
Kuskokwim Gillnet	558	4	153	29	6	3	558	4	153	29	6	3	747	753
Kotzebue Gillnet	22	5	110	17	4	0	22	5	110	17	4	0	154	158
L Yukon Gillnet	579	21	0	74	6	0	579	21	0	74	6	0	674	680
Norton Sd Gillnet	135	4	16	12	0	0	135	4	16	12	0	0	167	167
	1,404	39	337	144	19	3	1,404	39	337	144	19	3	1,927	1,946
1977-78														
SE Her Seine	5	5	18	5	13	0	5	5	18	5	13	0	33	46
SE Her Gillnet	22	0	61	0	27	0	22	0	61	0	27	0	83	110
PWS Her Seine	24	30	0	26	25	0	24	30	0	26	25	0	80	105
Cook Inlet Her Seine	32	5	6	10	22	0	32	5	6	10	22	0	53	75
	83	40	85	41	87	0	83	40	85	41	87	0	249	336
1980-87														
Hand Troll	404	10	495	31	125	0	280	6	331	18	97	0	940	1,065
NSEI Sable Longline	7	3	32	1	11	0	7	3	32	1	11	0	43	54
SSEI Sable Longline	0	1	7	0	2	0	0	1	7	0	2	0	8	10
SSEI Sable Pots	2	0	0	0	1	0	2	0	0	0	0	0	2	3
SE R/B King Crab Pot	0	0	3	0	2	0	0	0	3	0	2	0	3	5
SE R/B/Brn King Crab Pot	0	0	5	0	1	0	0	0	4	0	0	0	5	6
SE Brn King Crab Pot	0	0	8	0	0	0	0	0	4	0	0	0	8	8
SE R/B King/Tanner Pot	1	0	11	1	1	0	1	0	11	1	1	0	13	14
SE Brn King/Tanner Pot	1	0	3	0	0	0	1	0	2	0	0	0	4	4
SE All King/Tanner Pot	1	0	25	0	2	0	1	0	24	0	2	0	26	28
SE Tanner Crab Pot	4	0	13	0	5	0	4	0	13	0	2	0	17	22
PWS Her Gillnet	17	0	0	6	1	0	17	0	0	6	1	0	23	24
PWS Her Pound	43	23	0	19	42	1	43	23	0	19	42	1	86	128
Kodiak Her Seine	6	11	29	6	16	0	4	10	26	6	10	0	52	68
Kodiak Her Gillnet	7	12	45	11	12	0	7	12	40	10	12	0	75	87
Kodiak Her Seine/Gill	1	0	1	0	0	0	0	0	1	0	0	0	2	2
	493	60	679	76	219	1	366	55	500	62	180	1	1,309	1,528
1988-91														
BBay Her Spawn on Kelp	236	7	0	11	10	2	236	7	0	11	10	2	256	266
Norton Sd Her B Seine	0	0	0	0	3	0	0	0	0	0	3	0	0	3
Nelson Is Her Gillnet	101	5	0	9	2	0	101	5	0	9	2	0	115	117
Nunivak Her Gillnet	21	2	0	10	3	0	20	2	0	9	3	0	33	36
L Yukon Her Gillnet	53	1	0	1	0	0	50	1	0	1	0	0	55	55
Norton Sd Her Gillnet	103	45	4	35	58	1	103	45	4	35	58	1	188	246
	514	60	4	66	76	3	510	60	4	65	76	3	647	723

TABLE 4. 2008 Year-end Distribution of Permit Holders by Permit Type and Resident Type*

	All Permits Held By						All Transferable Permits Held By **						All Permits	
Permits First Issued in:	ARL	ARN	AUL	AUN	NR	DCCED/ CFAB	ARL	ARN	AUL	AUN	NR	DCCED/ CFAB	Alaska Total	Grand Total
1997														
SE Dunge Ring Net	3	0	1	0	0	0	0	0	0	0	0	0	4	4
SE Dunge Dive	0	0	1	0	1	0	0	0	0	0	0	0	1	2
SE Dunge 300 Pot	5	0	37	1	6	0	5	0	37	1	6	0	43	49
SE Dunge 225 Pot	12	0	23	1	8	0	12	0	22	1	8	0	36	44
SE Dunge 150 Pot	30	0	37	0	14	0	30	0	36	0	13	0	67	81
SE Dunge 75 Pot	33	2	50	1	12	0	28	1	31	0	9	0	86	98
CI Dunge Pot	54	2	8	2	4	0	45	1	7	2	4	0	66	70
	137	4	157	5	45	0	120	2	133	4	40	0	303	348
1998														
N. SE Her Pound	15	0	75	0	16	0	15	0	75	0	16	0	90	106
S. SE Her Pound	76	0	71	3	25	0	64	0	59	2	22	0	150	175
SE Shrimp Otter	0	0	0	1	0	0	0	0	0	0	0	0	1	1
SE Shrimp Beam	9	0	10	0	5	0	9	0	9	0	4	0	19	24
SE Shrimp Pot	115	2	114	2	26	0	66	2	61	1	23	0	233	259
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 60ft	0	2	0	0	0	0	0	2	0	0	0	0	2	2
PWS Sable Fixed 50ft	8	5	0	16	3	0	8	5	0	16	3	0	29	32
PWS Sable Fixed 35ft	5	2	0	1	1	0	5	2	0	1	1	0	8	9
	230	11	269	24	76	0	169	11	203	21	69	0	534	610
1999-2002														
SE Urchin Dive	6	0	24	2	41	0	6	0	24	2	40	0	32	73
SE Geoduck Dive	14	1	39	1	41	0	4	1	18	0	26	0	55	96
SE Cucumber Dive	78	4	148	7	70	0	39	4	77	2	34	0	237	307
Goodnews Bay Her Gillnet	30	83	0	13	1	0	30	82	0	13	1	0	126	127
Kodiak Fd/Bt Her Seine/Gill	1	0	4	0	0	0	1	0	4	0	0	0	5	5
Kodiak Fd/Bt Her Trawl 75ft	0	0	0	0	1	0	0	0	0	0	1	0	0	1
Kodiak Fd/Bt Her Trawl 70ft	0	0	1	0	0	0	0	0	1	0	0	0	1	1
Kodiak Fd/Bt Her Trawl 60ft	0	0	0	0	2	0	0	0	0	0	2	0	0	2
	127	88	216	23	158	0	78	87	124	17	106	0	454	612
2004														
Kodiak Tnr Bairdi,Pot> 60ft	0	1	25	3	6	0	0	1	25	3	6	0	29	35
Kodiak Tnr Bairdi,Pot< 60ft	13	12	88	8	10	0	13	12	88	8	10	0	121	131
	13	13	113	11	16	0	13	13	113	11	16	0	150	166
Overall Total	5,463	840	3,485	1,271	3,321	13	5,168	828	3,124	1,235	3,205	13	11,072	14,393

* This table excludes 2.034 permits which were cancelled by CFEC and not reinstated.

** By 2008, the net effects of transferable and nontransferable permits changing status through the CFEC adjudication process resulted in the addition of 126 transferable permits.

ARL - Alaskan Rural Local
ARN - Alaskan Rural Nonlocal
AUL - Alaskan Urban Local
AUN - Alaskan Urban Nonlocal
NR - Nonresident
DCCED/CFAB - Department of Commerce, Community and Economic Development/Commercial Fishing and Agriculture Bank

TABLE 5. Numbers of Transfers Between Resident Types by Year, 1975-2008

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Cross-Cohort																	
Rural Local to:																	
Rural Non-local	2	6	7	9	8	9	10	15	8	9	13	18	14	8	12	4	11
Urban Local	21	33	57	48	43	45	56	33	34	38	28	34	30	40	39	31	25
Urban Non-local	6	9	24	44	42	48	50	51	57	28	35	35	28	22	16	15	19
Nonresident	14	37	47	62	43	45	44	60	44	49	39	51	40	41	31	37	36
DCCED/CFAB	0	0	0	0	0	0	0	1	5	2	3	6	5	6	1	1	4
	43	85	135	163	136	147	160	160	148	126	118	144	117	117	99	88	95
Rural Nonlocal to:																	
Rural Local	2	4	5	7	3	6	4	10	5	7	6	6	8	5	4	8	3
Urban Local	1	6	3	5	4	2	5	9	3	5	4	3	1	2	3	2	4
Urban Non-local	1	3	9	7	11	10	12	10	14	7	8	10	16	19	7	14	12
Nonresident	0	2	12	16	6	4	11	9	4	11	16	11	10	12	6	12	13
DCCED/CFAB	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0
	4	15	29	35	24	22	32	38	26	30	34	30	37	40	20	36	32
Urban Local to:																	
Rural Local	23	26	27	26	29	13	35	27	24	30	34	46	48	30	40	42	29
Rural Nonlocal	3	1	1	5	4	2	0	3	3	2	5	5	9	10	9	5	9
Urban Nonlocal	1	3	6	7	9	5	2	8	7	3	7	10	10	13	5	10	3
Nonresident	10	16	22	27	42	30	22	41	42	59	48	32	30	52	30	34	22
DCCED/CFAB	0	0	0	0	0	0	0	10	5	3	6	5	5	2	0	0	0
	37	46	56	65	84	50	59	89	81	97	100	98	102	107	84	91	63
Urban Nonlocal to:																	
Rural Local	7	5	9	22	10	13	14	10	12	13	24	14	23	18	8	17	16
Rural Nonlocal	2	3	6	7	8	7	6	14	12	5	15	10	15	18	9	19	18
Urban Local	0	6	10	11	3	7	3	5	8	8	7	7	6	14	8	8	4
Nonresident	4	10	16	15	27	18	23	30	16	24	26	22	28	32	18	16	24
DCCED/CFAB	0	0	0	0	0	0	0	0	2	0	1	3	0	3	2	0	1
	13	24	41	55	48	45	46	59	50	50	73	56	72	85	45	60	63
Nonresident to:																	
Rural Local	35	28	32	38	13	21	23	31	19	15	30	26	27	36	27	28	36
Rural Nonlocal	2	7	7	9	10	12	12	10	16	9	17	20	24	18	14	16	14
Urban Local	40	28	38	46	42	36	22	26	30	21	29	42	42	42	31	22	19
Urban Nonlocal	10	6	8	21	23	18	29	17	34	23	25	40	20	22	20	26	20
DCCED/CFAB	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0
	87	69	85	114	88	87	86	84	99	69	101	128	114	118	92	93	89
DCCED/CFAB to:																	
Rural Local	0	0	0	0	0	0	0	1	2	2	0	2	1	6	1	0	0
Rural Nonlocal	0	0	0	0	0	0	0	0	0	0	3	2	2	2	0	0	1
Urban Local	0	0	0	0	0	0	0	1	5	6	5	5	6	1	1	0	2
Urban Nonlocal	0	0	0	0	0	0	0	0	0	2	1	5	5	6	2	0	2
Nonresident	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	2
	0	0	0	0	0	0	0	2	8	10	9	15	15	16	5	1	7
Intra-Cohort																	
Transfers Between:																	
Rural Local	97	155	264	316	301	275	267	263	339	246	240	247	251	239	234	211	205
Rural Nonlocal	6	7	20	36	38	27	16	23	22	21	26	26	27	28	28	18	33
Urban Local	125	124	202	232	193	170	181	181	218	166	184	230	170	162	126	170	148
Urban Nonlocal	5	19	44	54	61	57	55	52	43	64	50	40	60	63	52	43	30
Nonresident	173	232	232	244	236	180	190	193	177	174	176	177	155	150	129	139	164
	406	537	762	882	829	709	709	712	799	671	676	720	663	642	569	581	580
GRAND TOTALS	590	776	1,108	1,314	1,209	1,060	1,092	1,144	1,211	1,053	1,111	1,191	1,120	1,125	914	950	929

TABLE 5. Numbers of Transfers Between Resident Types by Year, 1975-2008

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Cross-Cohort																	
Rural Local to:																	
Rural Nonlocal	12	9	5	14	14	5	8	3	7	4	4	6	6	7	10	4	15
Urban Local	33	28	20	21	25	30	31	22	21	20	23	26	25	34	37	27	39
Urban Nonlocal	13	18	12	20	15	13	13	11	14	13	6	11	25	19	15	6	14
Nonresident	41	37	37	39	47	30	29	25	20	26	23	26	24	34	39	38	37
DCCED/CFAB	3	3	2	3	0	1	1	4	7	9	16	17	12	8	3	4	0
	102	95	76	97	101	79	82	65	69	72	72	86	92	102	104	79	105
Rural Nonlocal to:																	
Rural Local	6	4	5	14	5	8	4	6	12	4	6	9	7	9	5	5	7
Urban Local	6	3	4	3	5	3	4	1	3	1	0	2	2	2	4	4	3
Urban Nonlocal	14	10	12	14	8	9	4	3	6	6	5	9	8	7	8	5	9
Nonresident	13	9	12	7	23	17	14	13	7	4	8	17	14	13	8	7	19
DCCED/CFAB	1	0	4	1	0	1	2	2	2	2	4	5	7	1	0	0	0
	40	26	37	39	41	38	28	25	30	17	23	42	38	32	25	21	38
Urban Local to:																	
Rural Local	32	31	23	30	23	33	26	27	33	23	23	20	32	27	31	34	34
Rural Nonlocal	5	2	1	6	4	2	2	1	1	2	2	2	0	6	3	3	3
Urban Nonlocal	7	2	4	5	1	7	4	2	8	7	4	3	4	8	4	4	5
Nonresident	26	19	37	30	34	25	28	16	22	32	23	27	40	46	37	41	37
DCCED/CFAB	5	3	2	2	1	3	2	5	3	4	5	5	1	3	3	5	1
	75	57	67	73	63	70	62	51	67	68	57	57	77	90	78	87	80
Urban Nonlocal to:																	
Rural Local	28	12	12	22	28	17	16	14	25	22	17	25	20	18	22	15	22
Rural Nonlocal	9	8	12	16	15	8	6	4	5	12	2	3	4	8	9	10	13
Urban Local	8	2	3	6	1	4	4	6	6	6	4	7	8	3	8	5	6
Nonresident	21	16	24	27	18	25	21	15	24	12	21	21	23	36	26	31	26
DCCED/CFAB	0	0	2	1	1	0	2	0	3	3	14	5	4	3	2	1	1
	66	38	53	72	63	54	49	39	63	55	58	61	59	68	67	62	68
Nonresident to:																	
Rural Local	30	29	38	28	32	47	36	37	44	33	34	44	44	38	40	40	38
Rural Nonlocal	10	15	14	21	17	21	19	17	14	15	8	15	15	18	17	18	28
Urban Local	25	20	27	36	32	54	36	34	49	56	32	40	56	66	48	44	46
Urban Nonlocal	12	16	17	19	17	29	17	18	22	32	16	22	25	37	26	30	31
DCCED/CFAB	0	0	1	0	1	2	0	1	3	2	6	5	3	0	1	0	0
	77	80	97	104	99	153	108	107	132	138	96	126	143	159	132	132	143
DCCED/CFAB to:																	
Rural Local	1	5	1	5	1	1	1	4	4	2	4	4	9	15	9	14	2
Rural Nonlocal	0	1	2	1	0	0	1	1	1	1	2	4	3	3	4	3	3
Urban Local	2	2	3	1	1	1	0	5	7	5	0	4	1	6	3	8	2
Urban Nonlocal	0	1	0	3	0	0	0	2	6	3	5	2	2	7	7	8	4
Nonresident	0	0	1	0	0	0	0	0	0	0	5	2	3	2	2	5	0
	3	9	7	10	2	2	2	12	18	11	16	16	18	33	25	38	11
Intra-Cohort																	
Transfers Between:																	
Rural Local	206	218	213	236	227	200	194	193	189	201	141	145	188	198	191	196	218
Rural Nonlocal	28	27	29	31	32	19	24	22	30	20	24	16	16	27	21	28	26
Urban Local	136	126	120	125	78	146	123	112	142	144	111	137	139	142	144	146	145
Urban Nonlocal	42	32	38	53	61	31	24	40	37	41	28	48	33	56	52	51	40
Nonresident	177	146	171	170	174	169	164	148	187	191	167	208	181	235	186	242	209
	589	549	571	615	572	565	529	515	585	597	471	554	557	658	594	663	638
GRAND TOTALS	952	854	908	1,010	941	961	860	814	964	958	793	942	984	1,142	1,025	1,082	1,083

TABLE 6. Numbers of Intra-Cohort and Cross-Cohort Transfers By Permit Type, 1975-2008*

Permits First Issued in:	Intra Cohort Count	Intra Cohort Percent	Cross Cohort Count	Cross Cohort Percent	Total Transfers
1975					
SE Salmon Seine	698	65.1	375	34.9	1,073
SE Salmon Drift Gillnet	1,077	62.4	649	37.6	1,726
Salmon Power Troll	1,554	56.2	1,209	43.8	2,763
Yakutat Salmon Setnet	370	66.5	186	33.5	556
PWS Salmon Seine	498	60.2	329	39.8	827
PWS Salmon Drift Gillnet	836	52.9	745	47.1	1,581
PWS Salmon Setnet	72	63.2	42	36.8	114
Cook Inlet Salmon Seine	172	71.1	70	28.9	242
Cook Inlet Salmon Drift	1,175	63.8	666	36.2	1,841
Cook Inlet Salmon Setnet	1,555	61.2	987	38.8	2,542
Kodiak Salmon Seine	593	52.2	543	47.8	1,136
Kodiak Salmon Beach Seine	81	61.4	51	38.6	132
Kodiak Salmon Setnet	526	61.2	333	38.8	859
Chignik Salmon Seine	87	53.4	76	46.6	163
Pen/Aleutian Salmon Seine	193	63.7	110	36.3	303
Pen/Aleutian Salmon Drift	314	57.2	235	42.8	549
Pen/Aleutian Salmon Setnet	286	65.0	154	35.0	440
Bristol Bay Salmon Drift	3,409	66.3	1,732	33.7	5,141
Bristol Bay Salmon Setnet	1,885	61.2	1,196	38.8	3,081
	15,381	61.4	9,688	38.6	25,069
1976					
Upper Yukon Salmon Gillnet	64	56.6	49	43.4	113
U Yukon Salmon Fish Wheel	184	68.4	85	31.6	269
Kuskokwim Salmon Gillnet	1,065	80.9	251	19.1	1,316
Kotzebue Salmon Gillnet	273	76.7	83	23.3	356
Lower Yukon Salmon Gillnet	902	76.4	279	23.6	1,181
Norton Sound Salmon Gillnet	272	76.0	86	24.0	358
	2,760	76.8	833	23.2	3,593
1977-78					
SE Roe Herring Seine	40	47.6	44	52.4	84
SE Herring Gillnet	157	56.7	120	43.3	277
PWS Roe Herring Seine	104	54.2	88	45.8	192
Cook Inlet Herring Seine	80	53.7	69	46.3	149
	381	54.3	321	45.7	702
1980-87					
Salmon Hand Troll	1,381	59.3	949	40.7	2,330
NSEI Sablefish Longline	40	65.6	21	34.4	61
SSEI Sablefish Longline	7	43.8	9	56.3	16
SSEI Sablefish Pots	0	0.0	1	100.0	1
SE Red,Blue King Crab Pot	5	71.4	2	28.6	7
SE Red,Blue,Brn Kng Crb Pot	3	75.0	1	25.0	4
SE Brown King Crab Pot	7	87.5	1	12.5	8
SE Red,Blue King/Tanner Pot	11	78.6	3	21.4	14
SE Brown King/Tanner Pot	2	66.7	1	33.3	3
SE All King/Tanner Pot	19	73.1	7	26.9	26
SE Tanner Crab Pot	11	55.0	9	45.0	20
PWS Roe Herring Gillnet	24	61.5	15	38.5	39
PWS Her Spawn on Kelp Pound	53	37.9	87	62.1	140
Kodiak Roe Herring Seine	41	38.0	67	62.0	108
Kodiak Roe Herring Gillnet	91	51.4	86	48.6	177
	1,695	57.4	1,259	42.6	2,954

TABLE 6. Numbers of Intra-Cohort and Cross-Cohort Transfers By Permit Type, 1975-2008*

Permits First Issued in:	Intra Cohort		Cross Cohort		Total
	Count	Percent	Count	Percent	Transfers
1997					
SE Dungeness 300 Pot	38	52.8	34	47.2	72
SE Dungeness 225 Pot	40	52.6	36	47.4	76
SE Dungeness 150 Pot	101	60.1	67	39.9	168
SE Dungeness 75 Pot	96	53.9	82	46.1	178
Cook Inlet Dungeness Pot	13	86.7	2	13.3	15
	288	56.6	221	43.4	509
1998					
NSE Her Spawn on Kelp Pound	64	47.8	70	52.2	134
SSE Her Spawn on Kelp Pound	60	49.2	62	50.8	122
SE Shrimp Beam Trawl	8	66.7	4	33.3	12
SE Shrimp Pot	78	49.7	79	50.3	157
PWS Sablefish Fixed 90ft	3	100.0	0	0.0	3
PWS Sablefish Fixed 60ft	2	50.0	2	50.0	4
PWS Sablefish Fixed 50ft	14	42.4	19	57.6	33
PWS Sablefish Fixed 35ft	7	41.2	10	58.8	17
	236	49.0	246	51.0	482
1999-2002					
SE Urchin Dive	46	54.1	39	45.9	85
SE Geoduck Dive	19	50.0	19	50.0	38
SE Cucumber Dive	42	38.9	66	61.1	108
Goodnews Bay Her Gillnet	23	88.5	3	11.5	26
Kodiak Fd/Bt Her Seine/Gill	1	100.0	0	0.0	1
	131	50.8	127	49.2	258
1999-2002					
SE Urchin Dive	46	54.1	39	45.9	85
SE Geoduck Dive	19	50.0	19	50.0	38
SE Cucumber Dive	42	38.9	66	61.1	108
Goodnews Bay Her Gillnet	23	88.5	3	11.5	26
Kodiak Fd/Bt Her Seine/Gill	1	100.0	0	0.0	1
	131	50.8	127	49.2	258
2004					
Kodiak Tnr Bairdi,Pot> 60ft	1	20.0	4	80.0	5
Kodiak Tnr Bairdi,Pot< 60ft	24	60.0	16	40.0	40
	25	55.6	20	44.4	45
Statewide Totals	21,269	62.2	12,901	37.8	34,170

* The number of transfers includes 334 permit foreclosures and 321 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 Permit Type, 1975-2008*

Permits First Issued in:	ARL	ARN	AUL	AUN	NR	DCCED/ CFAB
1975						
SE Salmon Seine	-66	6	43	17	0	0
SE Salmon Drift Gillnet	-3	10	39	-2	-44	0
Salmon Power Troll	71	0	53	6	-130	0
Yakutat Salmon Setnet	-4	9	0	-11	6	0
PWS Salmon Seine	-35	45	0	-2	-8	0
PWS Salmon Drift Gillnet	-46	86	0	19	-59	0
PWS Salmon Setnet	-10	2	0	12	-4	0
Cook Inlet Salmon Seine	-8	2	4	3	-1	0
Cook Inlet Salmon Drift	45	1	15	2	-63	0
Cook Inlet Salmon Setnet	13	-6	-25	-9	27	0
Kodiak Salmon Seine	-12	18	62	13	-81	0
Kodiak Salmon Beach Seine	-1	1	-6	0	6	0
Kodiak Salmon Setnet	-10	-3	47	0	-34	0
Chignik Salmon Seine	1	4	0	1	-7	1
Pen/Aleutian Salmon Seine	-32	3	2	5	22	0
Pen/Aleutian Salmon Drift	-60	32	2	8	18	0
Pen/Aleutian Salmon Setnet	3	4	0	-10	2	1
Bristol Bay Salmon Drift	-251	17	0	97	133	4
Bristol Bay Salmon Setnet	-156	12	0	51	93	0
	-561	243	236	200	-124	6
1976						
Upper Yukon Salmon Gillnet	-2	-1	3	2	-2	0
U Yukon Salmon Fish Wheel	2	-3	3	-1	-1	0
Kuskokwim Salmon Gillnet	13	-7	-3	-6	0	3
Kotzebue Salmon Gillnet	-7	1	8	-2	0	0
Lower Yukon Salmon Gillnet	21	-30	0	13	-4	0
Norton Sound Salmon Gillnet	5	-3	-3	-1	2	0
	32	-43	8	5	-5	3
1977-1978						
SE Roe Herring Seine	2	5	-19	5	7	0
SE Herring Gillnet	3	1	8	-1	-11	0
PWS Roe Herring Seine	4	-9	0	11	-6	0
Cook Inlet Herring Seine	-8	-1	-1	13	-3	0
	1	-4	-12	28	-13	0
1980-1987						
Salmon Hand Troll	-23	6	-22	-1	40	0
NSEI Sablefish Longline	4	1	0	-2	-3	0
SSEI Sablefish Longline	0	1	2	-1	-2	0
SSEI Sablefish Pots	1	0	-1	0	0	0
SE Red,Blue King Crab Pot	-1	0	0	0	1	0
SE Red,Blue,Brn Kng Crb Pot	0	0	1	0	-1	0
SE Brown King Crab Pot	0	0	1	0	-1	0
SE Red,Blue King/Tanner Pot	0	0	1	0	-1	0
SE Brown King/Tanner Pot	0	0	1	0	-1	0
SE All King/Tanner Pot	-3	1	3	0	-1	0
SE Tanner Crab Pot	0	-1	5	0	-4	0
PWS Roe Herring Gillnet	2	1	0	2	-5	0
PWS Her Spawn on Kelp Pound	-4	14	0	0	-11	1
Kodiak Roe Herring Seine	4	5	-9	4	-4	0
Kodiak Roe Herring Gillnet	3	-7	4	1	-1	0
	-17	21	-14	3	6	1
1988-1991						
BBay Herring Spawn on Kelp	2	0	0	-2	-2	2
Norton Sd Her Beach Seine	0	0	0	0	0	0
Nelson Island Her Gillnet	10	-1	0	-7	-2	0
Nunivak Island Her Gillnet	0	0	0	0	0	0
Lower Yukon Herring Gillnet	1	0	0	-1	0	0
Norton Sd Herring Gillnet	-25	28	-1	-13	10	1
	-12	27	-1	-23	6	3

TABLE 7. Net Shifts in Resident Types Due to Transfer Activity by Permit Type, 1975-2008*

Permits First Issued in:	ARL	ARN	AUL	AUN	NR	DCCED/ CFAB
1997						
SE Dungeness 300 Pot	0	0	9	1	-10	0
SE Dungeness 225 Pot	2	0	2	-1	-3	0
SE Dungeness 150 Pot	9	0	-7	-3	1	0
SE Dungeness 75 Pot	-5	1	1	0	3	0
Cook Inlet Dungeness Pot	-2	0	1	0	1	0
	4	1	6	-3	-8	0
1998						
NSE Her Spawn on Kelp Pound	0	-1	9	-4	-4	0
SSE Her Spawn on Kelp Pound	-21	1	16	1	3	0
SE Shrimp Beam Trawl	-1	0	1	0	0	0
SE Shrimp Pot	-7	2	1	-3	7	0
PWS Sablefish Fixed 90ft	0	0	0	0	0	0
PWS Sablefish Fixed 60ft	0	2	0	-2	0	0
PWS Sablefish Fixed 50ft	2	-2	0	3	-3	0
PWS Sablefish Fixed 35ft	3	-1	0	-1	-1	0
	-24	1	27	-6	2	0
1999-2002						
SE Urchin Dive	-1	0	0	-1	2	0
SE Geoduck Dive	0	0	6	1	-7	0
SE Cucumber Dive	6	1	5	0	-12	0
Goodnews Bay Her Gillnet	-1	0	0	0	1	0
Kodiak Fd/Bt Her Seine/Gill	0	0	0	0	0	0
	4	1	11	0	-16	0
2004						
Kodiak Tnr Bairdi Pot 120ft	0	-1	1	0	0	0
Kodiak Tnr Bairdi Pot 60ft	-2	4	1	-1	-2	0
	-2	3	2	-1	-2	0
Net Shifts 1975-2008	-575	250	263	203	-154	13

* Some permit types do not appear in this table since no transfers have occurred since initial issuance. If the table shows all zeros for a permit type, this indicates there were transfers but there was no net change.

ARL - Alaskan Rural Local
ARN - Alaskan Rural Nonlocal
AUL - Alaskan Urban Local
AUN - Alaskan Urban Nonlocal
NR - Nonresident
DCCED/CFAB - Department of Commerce, Community and Economic Development/Commercial Fishing and Agriculture Bank

TABLE 8. Numbers of Cross-Cohort Migrations by Year, 1975-2008

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Rural Local to:																		
Rural Nonlocal	0	4	6	9	6	6	5	18	8	15	5	6	6	9	11	21	7	8
Urban Local	0	11	29	27	29	25	21	35	22	37	35	33	27	35	40	55	42	34
Urban Nonlocal	0	18	20	12	19	28	27	50	20	30	28	28	32	33	41	63	43	28
Nonresident	0	9	31	66	33	27	32	31	17	36	26	36	36	46	40	38	26	20
	0	42	86	114	87	86	85	134	67	118	94	103	101	123	132	177	118	90
Rural Nonlocal to:																		
Rural Local	0	3	9	6	9	7	2	7	5	4	5	7	5	8	14	3	8	12
Urban Local	0	3	2	5	0	1	2	2	3	3	1	3	2	4	3	6	3	4
Urban Nonlocal	0	3	8	9	7	9	6	8	8	3	8	6	14	9	13	16	16	10
Nonresident	0	1	8	4	3	9	2	0	7	5	4	6	7	7	8	12	8	5
	0	10	27	24	19	26	12	17	23	15	18	22	28	28	38	37	35	31
Urban Local to:																		
Rural Local	0	24	21	27	39	35	21	26	19	76	44	39	34	47	36	28	42	40
Rural Nonlocal	0	3	5	1	7	2	2	2	2	7	5	1	6	4	3	3	5	3
Urban Nonlocal	0	2	8	5	3	4	9	6	1	5	6	14	9	11	9	13	13	12
Nonresident	0	12	18	48	17	24	20	15	14	16	21	28	29	39	50	28	36	30
	0	41	52	81	66	65	52	49	36	104	76	82	78	101	98	72	96	85
Urban Nonlocal to:																		
Rural Local	0	32	22	32	19	19	32	25	25	31	17	24	25	20	27	29	27	23
Rural Nonlocal	0	10	6	6	12	5	7	7	10	6	7	17	12	20	13	12	16	8
Urban Local	0	2	4	3	4	4	1	5	4	7	6	3	6	10	8	4	9	8
Nonresident	0	5	8	18	12	7	6	12	4	10	10	14	12	16	32	13	13	13
	0	49	40	59	47	35	46	49	43	54	40	58	55	66	80	58	65	52
Nonresident to:																		
Rural Local	0	32	17	21	33	33	34	31	49	35	27	18	25	22	30	18	28	38
Rural Nonlocal	0	4	3	3	5	2	5	7	4	2	5	6	3	5	2	1	5	5
Urban Local	0	23	16	24	14	15	17	32	21	26	33	25	19	23	16	18	16	22
Urban Nonlocal	0	4	8	5	4	5	9	16	16	16	5	6	3	7	4	6	7	7
	0	63	44	53	56	55	65	86	90	79	70	55	50	57	52	43	56	72
GRAND TOTALS	0	205	249	331	275	267	260	335	259	370	298	320	312	375	400	387	370	330

TABLE 8. Numbers of Cross-Cohort Migrations by Year, 1975-2008

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	All Years Totals	% of Grand Total
Rural Local to:																		
Rural Nonlocal	8	18	10	16	7	6	14	10	5	8	12	12	7	5	8	9	305	2.9
Urban Local	38	30	30	28	30	34	46	43	47	53	32	29	40	33	24	24	1,098	10.3
Urban Nonlocal	27	28	48	41	38	43	55	47	70	45	35	51	35	27	26	22	1,158	10.9
Nonresident	33	29	34	33	35	28	31	51	25	50	49	38	43	35	40	28	1,132	10.6
	106	105	122	118	110	111	146	151	147	156	128	130	125	100	98	83	3,693	34.7
Rural Nonlocal to:																		
Rural Local	11	2	5	7	8	17	5	9	1	10	9	3	6	5	11	3	226	2.1
Urban Local	0	4	5	1	6	1	1	2	0	6	2	3	1	2	2	4	87	0.8
Urban Nonlocal	10	15	11	2	12	12	23	13	15	13	12	20	14	5	20	8	358	3.4
Nonresident	11	11	8	6	6	14	7	8	11	11	10	5	13	9	6	4	236	2.2
	32	32	29	16	32	44	36	32	27	40	33	31	34	21	39	19	907	8.5
Urban Local to:																		
Rural Local	24	33	33	25	19	29	25	36	28	20	23	19	32	20	26	25	1,015	9.5
Rural Nonlocal	0	3	6	4	5	2	2	6	0	5	4	4	4	3	1	1	111	1.0
Urban Nonlocal	7	16	4	15	4	11	15	8	7	5	3	11	9	13	5	9	272	2.6
Nonresident	27	26	33	36	32	35	32	41	38	41	35	39	38	34	30	21	983	9.2
	58	78	76	80	60	77	74	91	73	71	65	73	83	70	62	56	2,381	22.4
Urban Nonlocal to:																		
Rural Local	20	30	16	29	26	22	20	20	23	17	19	25	9	17	17	16	755	7.1
Rural Nonlocal	8	9	5	17	9	9	13	14	12	6	7	18	9	7	17	2	336	3.2
Urban Local	6	2	4	6	7	8	5	5	4	8	6	3	7	7	5	4	175	1.6
Nonresident	14	15	11	21	14	14	15	14	14	12	16	24	13	11	16	14	443	4.2
	48	56	36	73	56	53	53	53	53	43	48	70	38	42	55	36	1,709	16.0
Nonresident to:																		
Rural Local	17	21	19	17	23	18	25	16	22	19	28	22	25	32	28	31	854	8.0
Rural Nonlocal	0	8	2	5	2	6	4	8	0	7	6	3	6	7	3	6	140	1.3
Urban Local	28	19	19	19	14	25	15	15	17	21	27	24	26	38	22	17	706	6.6
Urban Nonlocal	9	10	8	7	4	10	9	6	6	11	6	16	9	12	5	7	263	2.5
	54	58	48	48	43	59	53	45	45	58	67	65	66	89	58	61	1,963	18.4
GRAND TOTALS	298	329	311	335	301	344	362	372	345	368	341	369	346	322	312	255	10,653	100.0

TABLE 9. Net Shifts in Resident Types Due to Migration Activity by Permit Type, 1975-2008

Permits First Issued in:	ARL	ARN	AUL	AUN	NR
1975					
SE Salmon Seine	1	3	-12	-5	13
SE Salmon Drift Gillnet	19	-9	-10	7	-7
Salmon Power Troll	-56	0	18	5	33
Yakutat Salmon Setnet	-16	-2	0	9	9
PWS Salmon Seine	-48	-3	0	26	25
PWS Salmon Drift Gillnet	-48	-24	0	28	44
PWS Salmon Setnet	-4	-1	0	3	2
Cook Inlet Salmon Seine	-4	-2	2	-3	7
Cook Inlet Salmon Drift	10	-3	-54	1	46
Cook Inlet Salmon Setnet	23	4	-58	-13	44
Kodiak Salmon Seine	-22	7	-59	13	61
Kodiak Salmon Beach Seine	-5	2	-1	2	2
Kodiak Salmon Setnet	-20	4	-32	7	41
Chignik Salmon Seine	8	-5	0	-8	5
Pen/Aleutian Salmon Seine	-6	2	0	3	1
Pen/Aleutian Salmon Drift	-1	-2	0	-6	9
Pen/Aleutian Salmon Setnet	-26	-1	0	18	9
Bristol Bay Salmon Drift	-67	-37	0	-11	115
Bristol Bay Salmon Setnet	-116	-1	0	44	73
	-378	-68	-206	120	532
1976					
Upper Yukon Salmon Gillnet	-23	1	13	4	5
U Yukon Salmon Fish Wheel	-34	5	15	10	4
Kuskokwim Salmon Gillnet	-60	10	0	41	9
Kotzebue Salmon Gillnet	-11	4	-26	25	8
Lower Yukon Salmon Gillnet	-97	33	0	54	10
Norton Sound Salmon Gillnet	-30	8	2	19	1
	-255	61	4	153	37
1977-78					
SE Roe Herring Seine	-1	0	1	0	0
SE Herring Gillnet	1	-1	-12	0	12
PWS Roe Herring Seine	-12	-3	0	-5	20
Cook Inlet Herring Seine	-6	3	3	-17	17
	-18	-1	-8	-22	49
1980-87					
Salmon Hand Troll	-74	5	-69	28	110
NSEI Sablefish Longline	-4	0	1	2	1
SSEI Sablefish Longline	0	0	-2	1	1
SE Red,Blue King/Tanner Pot	0	0	-2	1	1
SE All King/Tanner Pot	-1	-1	1	0	1
SE Tanner Crab Pot	2	0	-3	0	1
PWS Roe Herring Gillnet	-5	-1	0	4	2
PWS Her Spawn on Kelp Pound	-21	1	0	2	18
Kodiak Roe Herring Seine	-9	2	-4	1	10
Kodiak Roe Herring Gillnet	0	-2	-3	-3	8
Kodiak Roe Her Seine/Gill	1	0	0	0	-1
	-111	4	-81	36	152
1988-91					
BBay Herring Spawn on Kelp	-20	2	0	10	8
Norton Sd Her Beach Seine	0	-1	0	0	1
Nelson Island Her Gillnet	-11	1	0	8	2
Nunivak Island Her Gillnet	-6	0	0	6	0
Lower Yukon Herring Gillnet	-1	1	0	0	0
Norton Sd Herring Gillnet	-7	-9	-1	11	6
	-45	-6	-1	35	17

TABLE 9. Net Shifts in Resident Types Due to Migration Activity by Permit Type, 1975-2008

Permits First Issued in:	ARL	ARN	AUL	AUN	NR
1997					
SE Dungeness Dive	0	0	-2	0	2
SE Dungeness 300 Pot	-1	0	-4	0	5
SE Dungeness 225 Pot	-2	0	-2	1	3
SE Dungeness 150 Pot	-2	0	-3	3	2
SE Dungeness 75 Pot	-5	0	3	1	1
Cook Inlet Dungeness Pot	-1	-1	1	0	1
	-11	-1	-7	5	14
1998					
NSE Her Spawn on Kelp Pound	1	1	-4	-1	3
SSE Her Spawn on Kelp Pound	-17	-1	2	1	15
SE Shrimp Beam Trawl	-1	0	0	0	1
SE Shrimp Pot	1	-1	-12	4	8
PWS Sablefish Fixed 50ft	1	-1	0	-2	2
PWS Sablefish Fixed 35ft	-1	2	0	0	-1
	-16	0	-14	2	28
1999-2002					
SE Urchin Dive	-2	0	5	1	-4
SE Geoduck Dive	-1	1	1	-2	1
SE Cucumber Dive	-5	1	-8	4	8
Goodnews Bay Her Gillnet	-1	-8	0	9	0
	-9	-6	-2	12	5
2004					
Kodiak Tnr Bairdi Pot 120ft	0	0	-1	1	0
Kodiak Tnr Bairdi Pot 60ft	0	2	1	0	-3
	0	2	0	1	-3
	0	4	0	2	-6
Net Shifts 75-08	-843	-15	-315	342	831

* Some permit types do not appear in this table since no migrations have occurred since initial issuance. If the table shows all zeros for a permit type, this indicates there were migrations but there was no net change.

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

TABLE 10. Summary of Annual Net Changes in Statewide Permit Ownership, 1975-2008

	Alaska Rural Local				Alaska Rural Nonlocal				Alaska Urban Local				Alaska Urban Nonlocal				Nonresident				DCCED/ CFAB
Year	Transfer	Migrate	Cancel	Net	Transfer	Migrate	Cancel	Net	Transfer	Migrate	Cancel	Net	Transfer	Migrate	Cancel	Net	Transfer	Migrate	Cancel	Net	Transfer
1975	24	0	-1	23	5	0	0	5	25	0	-2	23	5	0	-1	4	-59	0	0	-59	0
1976	-22	49	-1	26	2	11	0	13	27	-2	0	25	-3	-22	-1	-26	-4	-36	0	-40	0
1977	-62	-17	0	-79	-8	-7	0	-15	52	-1	0	51	6	4	0	10	12	21	0	33	0
1978	-70	-28	-3	-101	-5	-5	-1	-11	45	-22	0	23	24	-28	-1	-5	6	83	0	89	0
1979	-81	13	-2	-70	6	11	0	17	8	-19	0	-11	37	-14	0	23	30	9	0	39	0
1980	-94	8	-3	-89	8	-11	0	-3	40	-20	0	20	36	11	0	47	10	12	0	22	0
1981	-84	4	0	-80	-4	7	0	3	27	-11	-1	15	47	5	0	52	14	-5	0	9	0
1982	-81	-45	-1	-127	4	17	0	21	-15	25	0	10	27	31	0	58	56	-28	-1	27	9
1983	-86	31	-5	-60	13	1	0	14	-1	14	-2	11	62	2	-1	63	8	-48	0	-40	4
1984	-59	28	0	-31	-5	15	0	10	-19	-31	0	-50	13	0	-1	12	74	-12	-2	60	-4
1985	-24	-1	-32	-57	19	4	-3	20	-27	-1	-75	-103	3	7	-5	5	28	-9	-27	-8	1
1986	-50	-15	-10	-75	25	8	0	33	-7	-18	-36	-61	44	-4	-2	38	-11	29	-6	12	-1
1987	-10	-12	-12	-34	27	-1	-1	25	-17	-24	-30	-71	7	3	-3	7	-5	34	-4	25	-2
1988	-22	-26	-10	-58	16	10	-1	25	-8	-29	-37	-74	-3	-6	-4	-13	20	51	-14	57	-3
1989	-19	-25	-12	-56	24	-9	-1	14	-2	-31	-30	-63	5	-13	-2	-10	-6	78	-12	60	-2
1990	7	-99	-10	-102	8	0	-1	7	-28	11	-18	-35	5	40	-1	44	7	48	-6	49	1
1991	-11	-13	-13	-37	21	-2	0	19	-9	-26	-23	-58	-7	14	-1	6	8	27	-6	29	-2
1992	-5	23	-16	2	-4	-7	-1	-12	-1	-17	-34	-52	-20	5	-6	-21	24	-4	-3	17	6
1993	-14	-34	-14	-62	9	-16	1	-6	-2	14	-35	-23	9	5	-8	6	1	31	-10	22	-3
1994	3	-19	-18	-34	-3	6	-4	-1	-10	-23	-26	-59	-8	13	0	5	14	23	-7	30	4
1995	2	-49	-17	-64	19	-6	-1	12	-6	-18	-23	-47	-11	35	-8	16	-1	38	-9	28	-3
1996	-12	-40	-12	-64	9	26	0	35	1	-26	-21	-46	-22	-8	-3	-33	23	48	-14	57	1
1997	27	-34	-17	-24	-2	-9	-3	-14	22	-3	-26	-7	4	2	-1	5	-56	44	-9	-21	5
1998	1	-25	-25	-49	8	-21	-4	-17	13	-9	-31	-27	-11	23	-2	10	-16	32	-13	3	5
199	23	-71	-20	-68	1	-3	-1	-3	17	-7	-19	-9	-3	49	-6	40	-38	32	-19	-25	0
2000	49	-70	-29	-50	-2	6	-4	0	19	-26	-29	-36	-7	21	-3	11	-59	69	-9	1	0
2001	12	-73	-31	-92	17	-10	-3	4	20	-5	-26	-11	6	45	-4	47	-64	43	-17	-38	9
2002	12	-90	-39	-117	-5	-14	-3	-22	2	17	-27	-8	-22	31	-5	4	-16	56	-13	27	29
2003	16	-49	-80	-113	-12	-4	-5	-21	22	2	-45	-21	-14	8	-13	-19	-33	43	-39	-29	21
2004	20	-61	-125	-166	-10	6	-14	-18	15	-14	-43	-42	5	28	-18	15	-39	41	-31	-29	9
2005	5	-53	-39	-87	10	-8	-8	-6	21	-9	-32	-20	10	29	-9	30	-28	41	-22	-9	-18
2006	3	-26	-52	-75	18	1	-7	12	22	10	-19	13	-7	15	-13	-5	-20	0	-5	-25	-16
2007	29	-16	-20	-7	17	-10	-13	-6	1	-9	-30	-38	-9	1	-9	-17	-10	34	-23	1	-28
2008	-2	-8	-21	-31	24	-1	-6	17	16	-7	-23	-14	-5	10	-19	-14	-24	6	-46	-64	-9
Total	-575	-843	-690	-2,108	250	-15	-84	151	263	-315	-743	-795	203	342	-150	395	-154	831	-367	310	13