

ANNUAL SUMMARY OF THE COMMERCIAL SALMON FISHERY AND A REPORT
ON SALMON SUBSISTENCE AND PERSONAL USE FISHERIES FOR THE
ALASKA PENINSULA, ALEUTIAN ISLANDS, AND ATKA-AMLIA ISLANDS
MANAGEMENT AREAS, 2001

By

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ABSTRACT

The 2001 commercial salmon harvest for the Alaska Peninsula and Aleutian Islands Management Areas consisted of 6,713 chinook *Oncorhynchus tshawytscha*, 1,753,698 sockeye *O. nerka*, 231,307 coho *O. kisutch*, 3,794,756 pink *O. gorbuscha*, and 1,043,075 chum salmon *O. keta* for a total of 6,829,549 salmon. This was far below the previous 10-year total salmon average of 14,873,716 fish. No commercial salmon fishery occurred in the Aleutian Islands or Atka-Amlia Islands Areas during 2001. The total exvessel value of the 2001 Alaska Peninsula commercial salmon fishery was approximately \$7,644,000. This was the lowest exvessel value since at least 1979. The units of gear participating in 2001 consisted of 64 seine, 137 Area M drift gillnet, 4 Area T drift gillnet, 99 Area M set gillnet, and 1 Area T set gillnet.

A total of 185 Alaska Peninsula Area subsistence salmon permits were issued. The total Alaska Peninsula Area subsistence salmon harvest was estimated to be approximately 339 chinook, 11,767 sockeye, 4,205 coho, 1,207 pink, and 1,996 chum salmon for a total of 19,514 salmon. This was below the 1996-2000 average of 23,071 salmon. A total of 203 Unalaska District subsistence salmon permits were issued in 2001. The total Unalaska District subsistence salmon harvest was estimated to be approximately 4 chinook, 3,850 sockeye, 563 coho, 763 pink, and 100 chum salmon for a total of 5,280 fish. This was above the total 1996-2000 average Unalaska District harvest of 4,458 salmon. The 2001 Adak subsistence salmon harvest was estimated to be 474 sockeye, 19 coho, and 17 pink salmon for a total of 510 salmon which was above the previous three-year average of 313 salmon. Subsistence salmon data is not available for 2001 in the Atka-Amlia Islands, Umnak, Akutan, and Pribilof Islands Districts as permits are not required for those locations.

ALASKA PENINSULA, ALEUTIAN ISLANDS, AND ATKA-AMLIA ISLANDS SALMON

Description of Areas

The Alaska Peninsula and Aleutian Islands Management Areas (collectively referred to as Area M) and the Atka-Amlia Management Area (Area F) are divided into four subareas: (1) the North Peninsula, consisting of Bering Sea waters extending west from Cape Menshikof to Cape Sarichef on Unimak Island; (2) the South Peninsula, consisting of Pacific Ocean coastal waters extending west of Kupreanof Point to Scotch Cap on Unimak Island; (3) the Aleutian Islands, consisting of the Bering Sea and Pacific Ocean waters of the Aleutian Islands west of Unimak Island and exclusive of the Atka-Amlia Management Area but including the Pribilof Islands (5 AAC 12.100); and (4) the Atka-Amlia Management Area (5 AAC 11.101), consisting of Bering Sea and Pacific Ocean waters extending west of Seguam Pass (172°50' W long.) and east of Atka Pass (175°23' W long.) (Figure 1). The Alaska Peninsula is described under 5 AAC 09.100. Five species of Pacific salmon are harvested in the Alaska Peninsula Management Area: chinook salmon *Oncorhynchus tshawytscha*, sockeye salmon *O. nerka*, coho salmon *O. kisutch*, pink salmon *O. gorbuscha*, and chum salmon *O. keta*.

Management Responsibilities

The Alaska Department of Fish and Game (ADF&G) Dutch Harbor office assists with the Aleutian Islands and Atka-Amlia Islands Management Areas salmon management responsibilities. There are three seasonally staffed ADF&G offices in the Alaska Peninsula Management Area: in Sand Point, Cold Bay, and Port Moller. In 1990, the Sand Point staff assumed responsibility for managing salmon in the Southeastern District. In 1992, the Port Moller staff assumed responsibility for managing salmon in the Herendeen-Moller Bay, Port Moller Bight, Bear River, Three Hills, and Ilnik Sections. The balance of the Alaska Peninsula and Aleutian Islands Management Areas salmon fisheries are managed by staff from Cold Bay.

To aid in annual salmon reporting, the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas were divided into four regions of reporting responsibility. This report will serve as the salmon subsistence and personnel use report for the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas and a summary of commercial catches and escapements for the following reports: 1) North Alaska Peninsula Commercial Salmon Annual Management Report, 2001 (Murphy et al. *in press*), 2) South Alaska Peninsula Commercial Salmon Annual Management Report, 2001 (Dinnocenzo and Connolly RIR 4K02-10), and 3) Aleutian Islands and Atka-Amlia Islands Management Areas Annual Salmon Management Report, 2001 (Shaul and Dinnocenzo *in press*). Appendices of this report contain reference information (Appendix A), harvest information (Appendix B), subsistence information (Appendix C), escapement information (Appendix D), regulations (Appendix E), method for estimating indexed total escapement (Appendix F), personnel list (Appendix G), and a distribution list (Appendix H). A separate report (Bouwens et al. *in press*) provides estimated 2001 catch and escapement age, sex, and length data.

Commercial Fisheries

A list of statistical area numbers is provided in Appendix A.1 for reference to the statistical maps or the electronic database.

Legal salmon gear types allowed in the Alaska Peninsula Management Area are seine, drift gillnet, and set gillnet (5 AAC 09.330). There are portions of the Alaska Peninsula Area that are closed to one or two of the three gear types. Seining is the only legal commercial fishing method for salmon in the Aleutian Islands Management Area (5 AAC 12.330).

The Alaska Board of Fisheries (BOF), during the November 1991 meeting, created an open-to-entry set gillnet salmon fishery around Atka and Amlia Islands. Area M salmon seine permit holders may still seine for salmon in the Atka-Amlia Islands Area (5 AAC 11.333).

In the Alaska Peninsula Area, the Cinder River and Inner Port Heiden Sections and Ilnik Lagoon (part of the Ilnik Section) compose an overlap area where both Alaska Peninsula Area (Area M) and Bristol Bay (Area T) permit holders are allowed to fish (Shaul and Dinnocenzo 2001). Area M permit holders are allowed to fish at anytime during open fishing periods during the open season in the overlap area. Area T permit holders may fish during open fishing periods in the open season from January 1 through June 30 and August 1 through December 31 in the Cinder River and Inner Port Heiden Sections. Area T fishermen may fish in Ilnik Lagoon during open fishing periods when the season is open from August 1 through December 31.

Commercial salmon fisheries in the Alaska Peninsula Management Area date back to at least 1888 when canneries were reportedly constructed on the South Peninsula at Orzinski (Orzenoi) Bay and Thin Point Cove. However, the earliest catch records for the Alaska Peninsula Management Area date back to 1906 (Figures 2-6, Appendix B.1). The first recorded Aleutian Islands Management Area commercial salmon catches were in 1911. Early catches in the Alaska Peninsula were predominantly sockeye salmon with a few chinook and coho salmon. Both pink and chum salmon harvests exceeded 500,000 for the first time in 1916.

The South Unimak and Shumagin Islands June fisheries management is based on stocks migrating to a wide range of locations, with a substantial percentage of the salmon going to Bristol Bay and the Arctic-Yukon-Kuskokwim Region. (Appendix E.1). The Southeastern District Mainland is managed on the basis of the Chignik River sockeye salmon run prior to July 26 (Appendix E.1). The balance of the fisheries are managed on the basis of local run strength and escapements.

In 2001, five companies purchased salmon (Appendix A.2) with an estimated salmon harvest value (exvessel) of about \$7,644,000 (Appendix A.3). This was the lowest exvessel value since at least 1978 and was approximately 21 percent of the previous 10-year average. Area T fishermen operating in the Inner Port Heiden and Cinder River Sections accounted for about \$1,000 of the total earnings. The South Unimak and Shumagin Islands June fisheries were worth approximately \$518,000 or about 6.8% of the entire Area M earnings in 2001. The North Peninsula's exvessel value was about \$3,525,000 or about 46.1% of the total Alaska Peninsula Management Area earnings. The average annual exvessel value of the fishery (Area M portion only) declined from approximately \$46,478,000 during 1991 through 1995 to \$25,077,000 during 1996 through 2000

(Appendix A.4). Weak markets are the major reason for the decline in value. In 2001, prices for chum salmon were about the same as in 2000, while the prices for the other species were substantially lower (Appendix A.4 and A.5).

The average weights and approximate exvessel prices of salmon from 1979 through 2001 are listed in Appendix A.5. The average weights of commercially caught salmon varies from year to year but not over long periods of time. The prices of salmon declined substantially from 1979-1995 to 1996-2000. The exvessel prices for all species except chum salmon declined from 1996-2000 to 2001. The market for chum salmon did not decline further in 2001 due to a demand for chum salmon roe.

The 1991-2000 average commercial salmon harvest, by species, in the Alaska Peninsula and Aleutian Islands Management Areas was 14,873,716 salmon, composed of 18,579 chinook, 5,021,028 sockeye, 384,726 coho, 8,145,874 pink, and 1,303,509 chum salmon (Appendix B.1). In 2001, the combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Management Areas (no harvest was reported from the Atka-Amlia Islands Area) harvest was 6,713 chinook, 1,753,698 sockeye, 231,307 coho, 3,794,756 pink, and 1,043,075 chum salmon for a total of 6,829,549 fish (Appendix B.1). In 2001, the harvest of all species was below the previous 10-year average and the lowest since 1987. The harvest of all species combined was 45.9% of the previous 10-year average. Coho and chum salmon harvests during 2001 were 60.1% and 80.0% of the 1991-2000 average, respectively. The 2001 chinook, sockeye, and pink salmon harvests were less than half of the previous 10-year average. In 2001, the chinook, sockeye, and pink salmon harvests were 36.1%, 34.9%, and 46.6% of the 1991-2000 average, respectively.

In the commercial catch during 2001, seine gear harvested 29.1% of the number of chinook, 9.9% of the sockeye, 64.4% of the coho, 90.5% of the pink, and 74.6% of the chum salmon. Drift gillnet gear harvested 36.7% of the chinook, 63.9% of the sockeye, 21.0% of the coho, 1.0% of the pink, and 10.2% of the chum salmon. Set gillnet gear harvested 34.2% of the chinook, 26.2% of the sockeye, 14.6% of the coho, 8.5% of the pink, and 15.2% of the total chum salmon harvested in the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Areas during 2001.

In 2001, 64 of the 121 available seine permits, 137 of 161 available Area M drift gillnet permits, and 99 of 115 available set gillnet Area M permits were fished (Appendix A.6). In addition to Area M permit holders, four Area T drift gillnet and one Area T set gillnet permit holders made at least one delivery during the year (Appendix A.7). The effort level of all gear types declined to the lowest since at least 1984, due to poor market conditions.

Escapement

There are approximately 307 salmon spawning streams (including tributaries of some large systems) within the Alaska Peninsula Management Area (McCullough 2001a). The South Peninsula has about 224 salmon systems with sockeye salmon found in 37, pink salmon in 204, and chum salmon in 136. A total of approximately 70 coho salmon producing systems have been documented in the South Peninsula, however, there are likely more. Many streams have never been surveyed when coho salmon are expected to be present due to financial cost and poor fall survey

conditions. In the North Peninsula, there are about 83 salmon producing systems with chinook present in 21, sockeye in 55, and pink salmon in at least 39. Chum salmon are present in about 73 streams. Coho salmon have been identified in approximately 36 systems, but there are likely more.

In the Aleutian Islands and Atka-Amliia Islands Management Areas, there are at least 335 salmon systems, with sockeye present in about 45, pink salmon in 319, chum salmon in 11, and coho salmon in at least 35 (Murphy 1992).

Most salmon escapement estimates are derived from aerial surveys; only a few sockeye salmon systems are monitored by weirs. Currently, five salmon weirs are operated by ADF&G in the Alaska Peninsula Management Area: Orzinski River, Ilnik, Bear River, Nelson River, and Sandy River. A weir was operated at Summer Bay Lake in the Aleutian Islands Area from 1998 through 2001 to monitor the impact of the 1998 Kuroshima oil spill (McCullough 2001b). In addition, during 2001, the U.S. Fish and Wildlife Service operated weirs at McLees Lake on Unalaska Island, and at Mortensens Lagoon and Frosty Creek near Cold Bay. This was the first year of operation for the McLees Lake and Mortensen's Lagoon weirs, a weir was operated approximately 100 yards below the Frosty Creek bridge in 2000.

The ADF&G has operated Orzinski (Orzenoi) and Ilnik weirs since 1990. Orzinski was also weired during 1929-1941. Because the Orzinski Lake sockeye salmon run is important in determining fishing time for the Northwest Stepovak Section, and due to the difficulties involved with estimating fish from the air, ADF&G reinstated a weir in 1990. Because of frequent poor conditions for estimating salmon abundance from the air, and the importance of determining fishing time for both the Ilnik Lagoon fishery (predominantly set gillnet gear) and the Ilnik Section outside the lagoon (predominantly drift gillnet gear), a weir was installed at Ilnik in 1990. The 500 foot long Ilnik weir is difficult to install and maintain. The ADF&G personnel encountered many problems in maintaining a fish tight weir in 1990 and did not obtain good escapement data. In 1991, the Ilnik weir was modified, and during 1991-1995 escapement counts and samples were obtained, but with much difficulty. In 1996, floating weir panels attached to a heavy chain replaced the tripod weir. The floating panel weir works much better at Ilnik than the old tripod weir and provides more reliable data.

In 1994, a weir was installed at Thin Point Lake for the first time. Due to a reduction in operating funds, the weir at Thin Point Lake was discontinued after the 1998 season.

A weir was operated at the Morzhovoi Lake outlet terminus (head of Middle Lagoon at Morzhovoi Bay) during 1926 through 1935, excluding 1933. The weir was easy to install and operate due to the small size of the outlet stream. However, because of the long delay of sockeye salmon reaching this weir, it was not effective for inseason management. With considerable difficulty, a weir was successfully operated in Middle Lagoon during 1996. The weir location was approximately half way up Middle Lagoon and was a better site for effective inseason management. However, besides its large size, the Middle Lagoon weir was subject to storm tides and large accumulations of debris. The sockeye salmon were often reluctant to pass through the weir due to the low flow of fresh water and the considerable length of time sockeye salmon naturally spend in the upper lagoon before entering Morzhovoi Lake. Because of these difficulties, and lack of funds, the Middle Lagoon weir was not operated after 1996.

A weir was first operated on the Bear River during the 1929 through 1932 seasons. This weir was placed immediately above the mouth of the Milky River (locally called the Mad Sow). This weir was logistically difficult to construct and supply and was not operated long enough to estimate the total sockeye salmon escapement based on present knowledge of the runs. From 1933 through 1952 no salmon counting structure was operated at Bear River. From 1953 through 1960 a weir was operated near the present weir location close to the lake outlet. From 1961 through 1985, a counting tower replaced the weir. Since 1986, a weir has again been used to enumerate Bear River sockeye salmon near the outlet of the lake.

A counting tower was used to enumerate salmon on the Nelson (Sapsuk) River during the 1962 through 1988 seasons. In 1989, the tower was replaced with a floating weir which is currently in use.

A counting tower was operated on the Sandy River, at the present weir site, during the 1962 through 1964 seasons. After 1964, the Sandy River tower project was abandoned due to budget cuts and the fact that the river was often too muddy to count fish from a tower. In 1994, a tripod weir was installed near the old Sandy River tower site, and has been operated every summer since.

In 1998 through 2001, a weir was operated at the outlet of Summer Bay Lake on Unalaska Island in the Aleutian Islands Area to study the impact of the Kuroshima (freighter) oil spill. The salmon runs at Summer Bay Lake are very small compared to Alaska Peninsula Area systems that have weirs.

Escapement estimates using an indexed count are presented in Appendix D.1. The indexed escapement method is used on non-weired systems to estimate historical trends in annual escapements (Appendix F). Escapement data are mostly limited to Alaska Peninsula chinook, sockeye, pink, and chum salmon. Most escapement estimates in the text are indexed totals except tower or weir counts for Bear River and Nelson River sockeye salmon 1962-2001, Nelson River chinook and chum salmon 1962-1985, Orzinski sockeye salmon 1990-2001, Ilnik sockeye salmon 1991-2001, Sandy River sockeye salmon 1994-00, Thin Point Cove sockeye salmon 1994-1998, and Middle Lagoon sockeye salmon 1996. The indexed total are likely lower than the actual total escapement. There will be differences after 1984 between escapement figures used in area management reports and those in some formally published reports (technical data reports, bulletins, etc.) due to the use of different methods to estimate total escapement. Coho salmon are not monitored in many streams due to the difficulty and expense of conducting surveys during the fall. Chinook, sockeye, pink, and chum salmon indexed total escapements from 1962 through 2001 are depicted in Figures 7-10.

The 1991-2000 average indexed total escapement by species in the Alaska Peninsula Area was 17,309 chinook, 1,097,886 sockeye, 4,082,203 pink, and 1,152,969 chum salmon (Appendix D.1). In 2001 the indexed total chinook salmon escapement of approximately 13,337 was below the previous 10-year average, but was within the indexed total escapement goal of 8,700 to 17,400 fish (Figure 7). The 2001 indexed total sockeye salmon escapement of approximately 1,036,983 fish was lower than the previous 10-year average but above the upper end of the escapement goal range of 834,000 fish (Figure 8). The 2001 indexed total pink salmon escapement of approximately 2,996,277 fish (2,971,236 fish for the South Peninsula and Bechevin Bay Section) was below the

1991-2000 average. However the 2001 escapement was within the goal range of 1,898,000 to 3,796,000 for the South Peninsula and Bechevin Bay Section combined (the only portions of the Alaska Peninsula Area with escapement goals for pink salmon). The 2001 indexed total chum salmon escapement of approximately 1,443,933 fish was above the 693,000 to 1,385,000 goal range and above the previous 10-year average. Coho salmon escapement data were incomplete due to the difficulties and expense of conducting fall surveys. However 82,000 coho salmon were documented in 50 South Peninsula streams and 285,000 coho salmon were documented in 31 North Peninsula streams. Due to cost, logistics, and low availability of suitable aircraft, complete escapement data are not available in the Aleutian Islands and Atka-Amlia Islands Areas.

Subsistence and Personal Use Fisheries

The Alaska Peninsula, Aleutian Islands, and Pribilof Islands communities of Sand Point, King Cove, Cold Bay, False Pass, Nelson Lagoon, Port Heiden, Akutan, Atka, Adak, Unalaska, Nikolski, St. George, and St. Paul use local resources for subsistence. Salmon subsistence permits are issued to residents in these areas through the ADF&G offices in Sand Point, Cold Bay, Port Moller, and Dutch Harbor. Information from returned permits is used to extrapolate catches for all permits issued. There are probably many fish kept from commercial catches for personal use that are not reported on fish tickets or on subsistence permits. There is no expansion of fish tickets or the returned permits to account for these salmon. Permits are not required to subsistence fish in the Akutan, Umnak, Pribilof Islands, and Atka-Amlia (the Atka-Amlia Islands Area for commercial purposes, is a district of the Aleutian Islands Area for subsistence purposes) Districts; consequently no catch estimates are available for the communities of Akutan, Nikolski, Atka., St. George, and St. Paul. From 1988 through 1997, subsistence salmon fishing was not allowed in the Adak District. However, a personal use salmon fishery was allowed on Adak and Kagalaska Islands for Alaska residents during 1988-97. Beginning in 1998, subsistence salmon fishing was again allowed in the Adak District (permits are required).

In 2001, a total of 185 subsistence permits were issued in the Alaska Peninsula Area. In the Aleutian Islands Area, 203 permits were issued for the Unalaska District and 17 permits were issued for the Adak District (Appendices C.1, C.2, and C.3). In 2001, 78.9% of the Alaska Peninsula Area, 69.0% of the Unalaska District, and 82.3% of the Adak District subsistence permits were returned (Appendix C.2).

In 2001, the Alaska Peninsula Area subsistence salmon harvest was estimated at 19,514 salmon composed of 339 chinook, 11,767 sockeye, 4,205 coho, 1,207 pink, and 1,996 chum salmon (Appendix C.1). The Unalaska District subsistence salmon harvest during 2001 is estimated to be 5,280 salmon composed of 4 chinook, 3,850 sockeye, 563 coho, 763 pink, and 100 chum salmon (Appendix C.2). The Adak District subsistence salmon catch in 2001 is estimated to be 510 salmon composed of 474 sockeye, 19 coho, and 17 pink salmon (Appendices C.2 and C.11).

The number of subsistence fishermen and the average amount of salmon caught for subsistence purposes in the Alaska Peninsula Area increased substantially from 1985-90 to 1991-98 (Appendix C.1). In 1985-90, an annual average of 179 subsistence permit holders harvested an average of 14,411 salmon. During 1991-98, an average of 243 permit holders harvested an annual average of

23,570 salmon. Reasons for the increase in permits include more-out-of area residents fishing in Mortensen's Lagoon near Cold Bay and an increased human population in the Alaska Peninsula Area (Appendices C.6 and C.10). However the number of permit holders dropped to 186 in 1999 and to 178 in 2000. The reason for the decline in 1999 and 2000 is not understood. The largest decline (from 80 in 1998 to 34 in 1999) was in non-local residents.

The average number of subsistence salmon permits issued for fishing at Unalaska during 1996-2000 was 210, which is well above the 1985-1995 average of 109. The human population increased substantially from 1985-1995 to 1997-2001. The total subsistence salmon harvest increased slightly from an average of 4,306 fish in 1985-1995 to 4,458 fish during 1996-2000. The increase in harvest was not proportional to the increase in permits due to a decline in pink salmon catches (Appendix C.1). Unalaska pink salmon runs have declined from the levels during the 1980s, but there still appear to be sufficient quantities of pink salmon available for subsistence needs. Some newer residents may not want pink salmon or they may catch enough with sport fishing gear.

There is considerable variation in the species and numbers of salmon used for subsistence, among communities (Appendices C.4 and C.5). This variation is probably due to differences in salmon availability.

In the years 1991 through 1998, the Mortensen's Lagoon subsistence fishery (Cold Bay road system) attracted more out-of-area Alaska residents (primarily from Anchorage and the Matanuska-Susitna Valley) than any other Alaska Peninsula Area subsistence fishery. During 1991-1998, the average number of non-local permit holders estimated to fish Mortensen's Lagoon was 25, compared to 13 from Cold Bay and 6 from King Cove. In 1999, it was estimated that only 6 out of the 16 permit holders estimated to harvest Mortensen's Lagoon salmon were out-of-area residents (Shaul and Dinnocenzo 2000). In 2000, only 3 out of 26 permit holders estimated were non-local (Appendix C.6). In 2001, 5 out 26 permit holders estimated to have Mortensen's Lagoon were non-local. The reason for the small number of out-of-area residents estimated to fish in Mortensen's Lagoon in 1999 through 2001 is not known.

Thin Point Lagoon, located approximately 12 air miles west of King Cove, is a very important source of subsistence sockeye and coho salmon for residents of King Cove (Appendices C.7 and C.10). Lenard Harbor, near the King Cove road system, is another important source of coho salmon for subsistence purposes (Appendix C.8).

The Reese Bay subsistence fishery, on Unalaska Island, occurs on a small sockeye salmon run that appears to be fully utilized for subsistence purposes. The 2001 Reese Bay harvest was an estimated 3,389 sockeye salmon (Appendices C.9 and C.10). The major Unalaska Island subsistence salmon fishing locations during 2001 are listed in Appendix C.9. Reese Bay received more fishing effort (estimated 63 permit holders) than all of the other locations on Unalaska Island combined during 2001.

The Adak District subsistence salmon harvest primarily consists of sockeye salmon taken at Quail Bay and Galas Point on Kagalaska Island and at Hidden Bay on Adak Island. Of the three sockeye salmon producing locations, Quail Bay is the most important. A few pink and coho salmon are harvested on the north side of Adak Island. After 1993, the personal use effort decreased greatly

from previous years due to reductions in U.S. Navy personnel stationed at Adak. In 1997, the civilian population of Adak increased because of military base cleanup work. Eighteen permits were issued in 1997 and an estimated 229 sockeye salmon and four chum salmon were harvested (Appendices C.3). From 1998 through 2001 an average of 12 Adak District subsistence permits were issued with an average of 326 sockeye, 7 coho, and 30 pink salmon harvested (Appendix C.3). The 2001 estimated salmon harvest was 474 sockeye salmon, 19 coho salmon, and 17 pink salmon (Appendix C.11).

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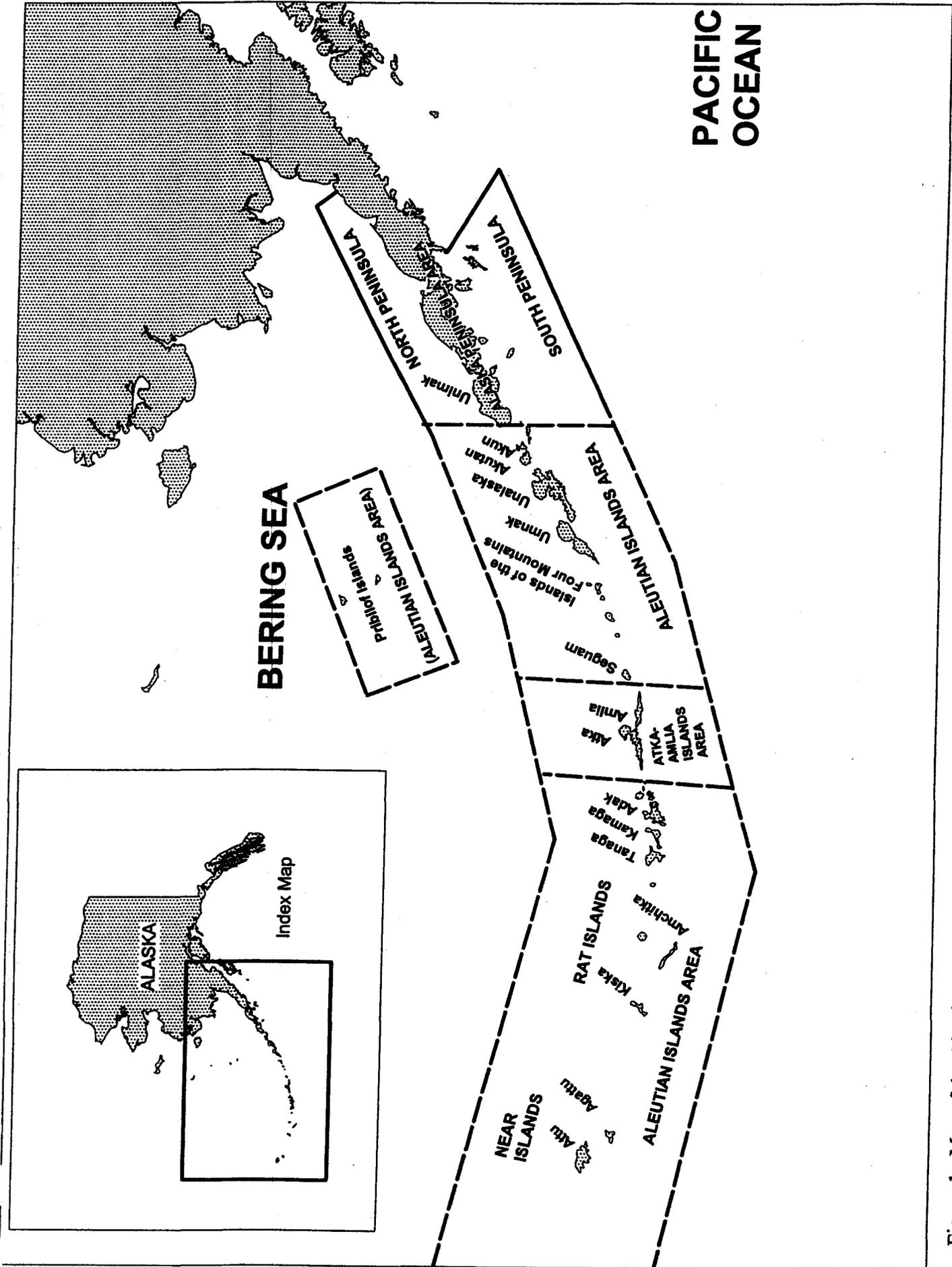


Figure 1. Map of the Aleutian Islands, Atka-Amlia Islands, and Alaska Peninsula Areas.

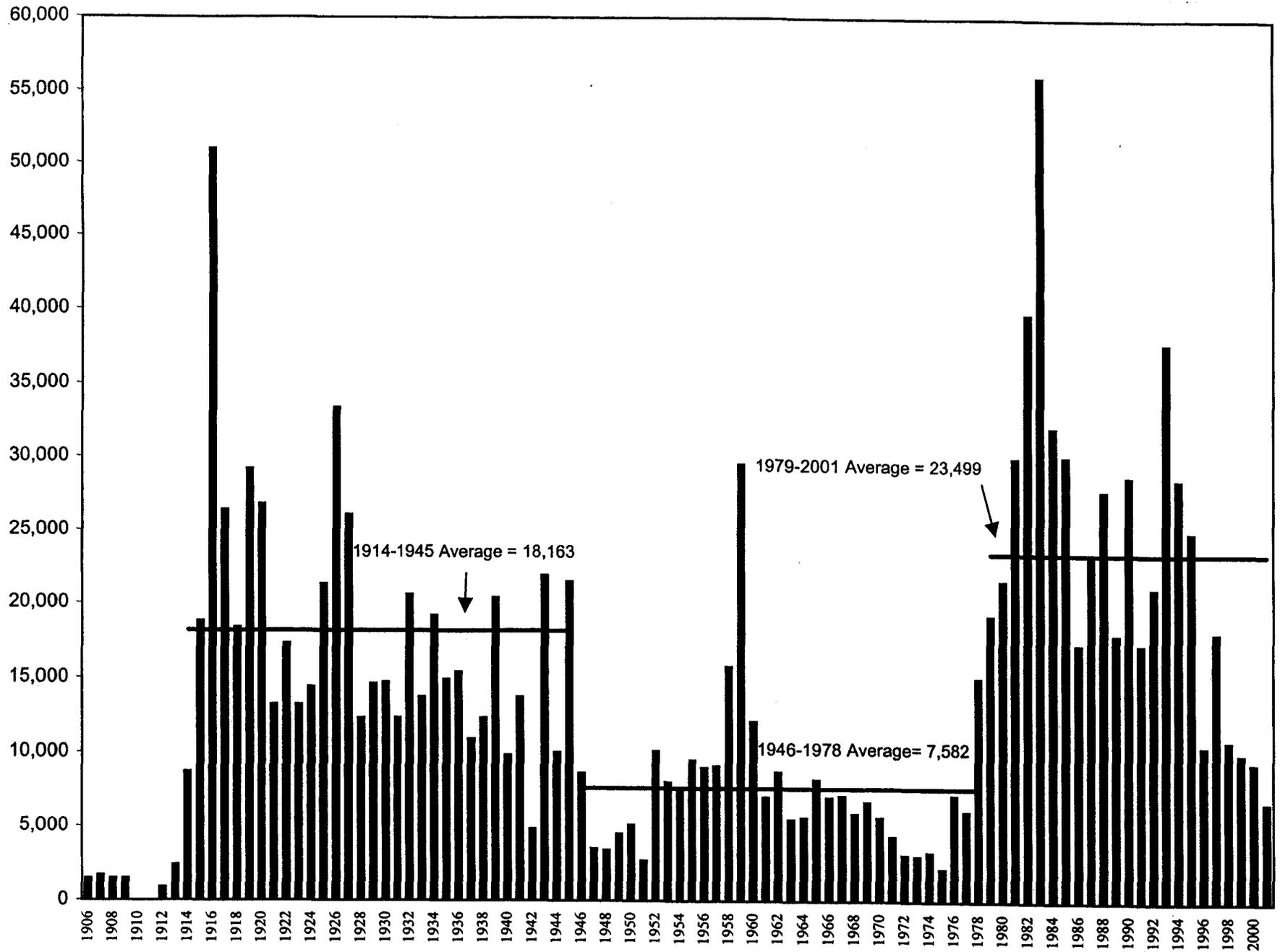


Figure 2. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Areas harvest of chinook salmon by year, 1906-2001.

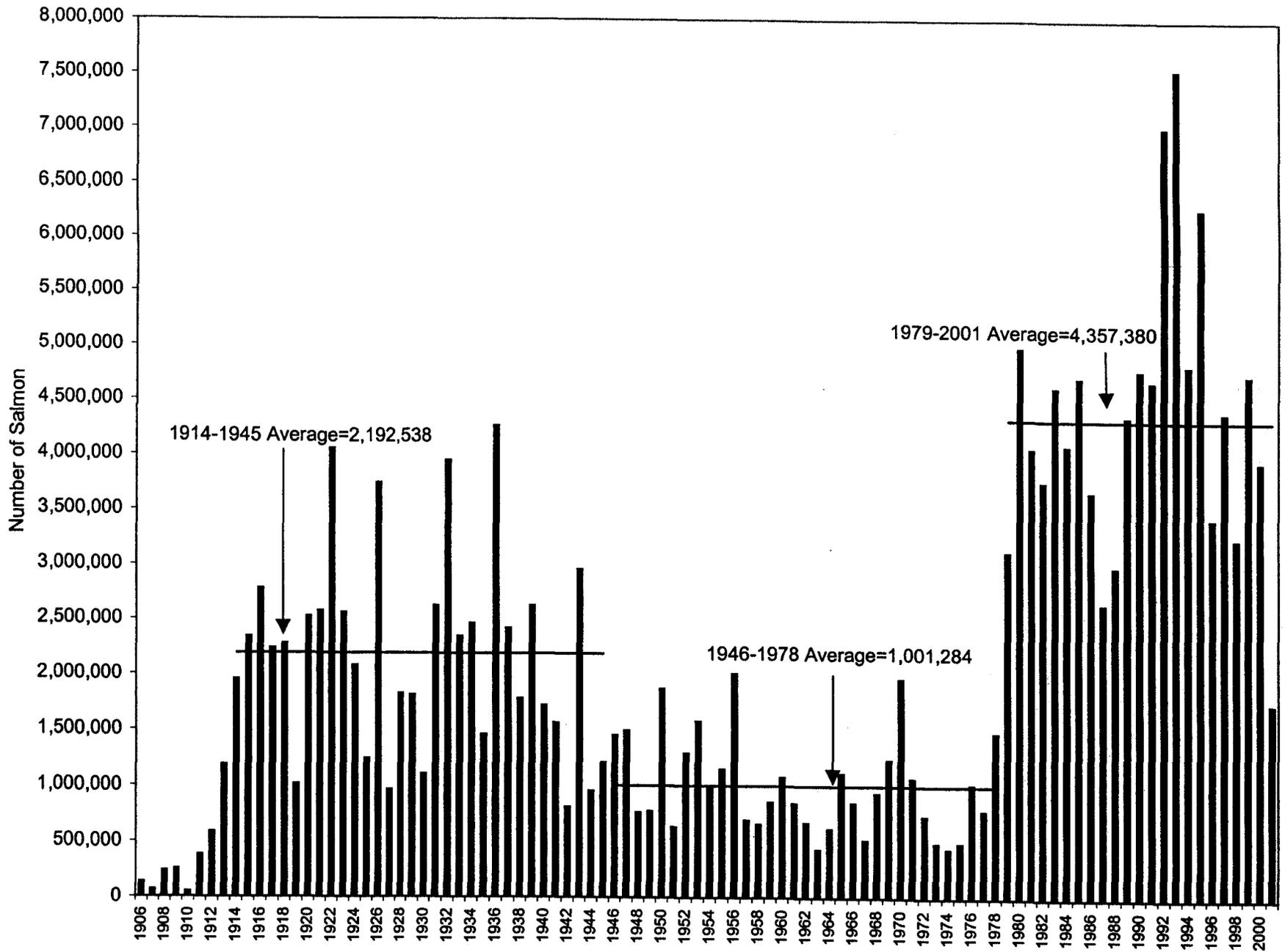


Figure 3. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Areas harvest of sockeye salmon by year, 1906-2001.

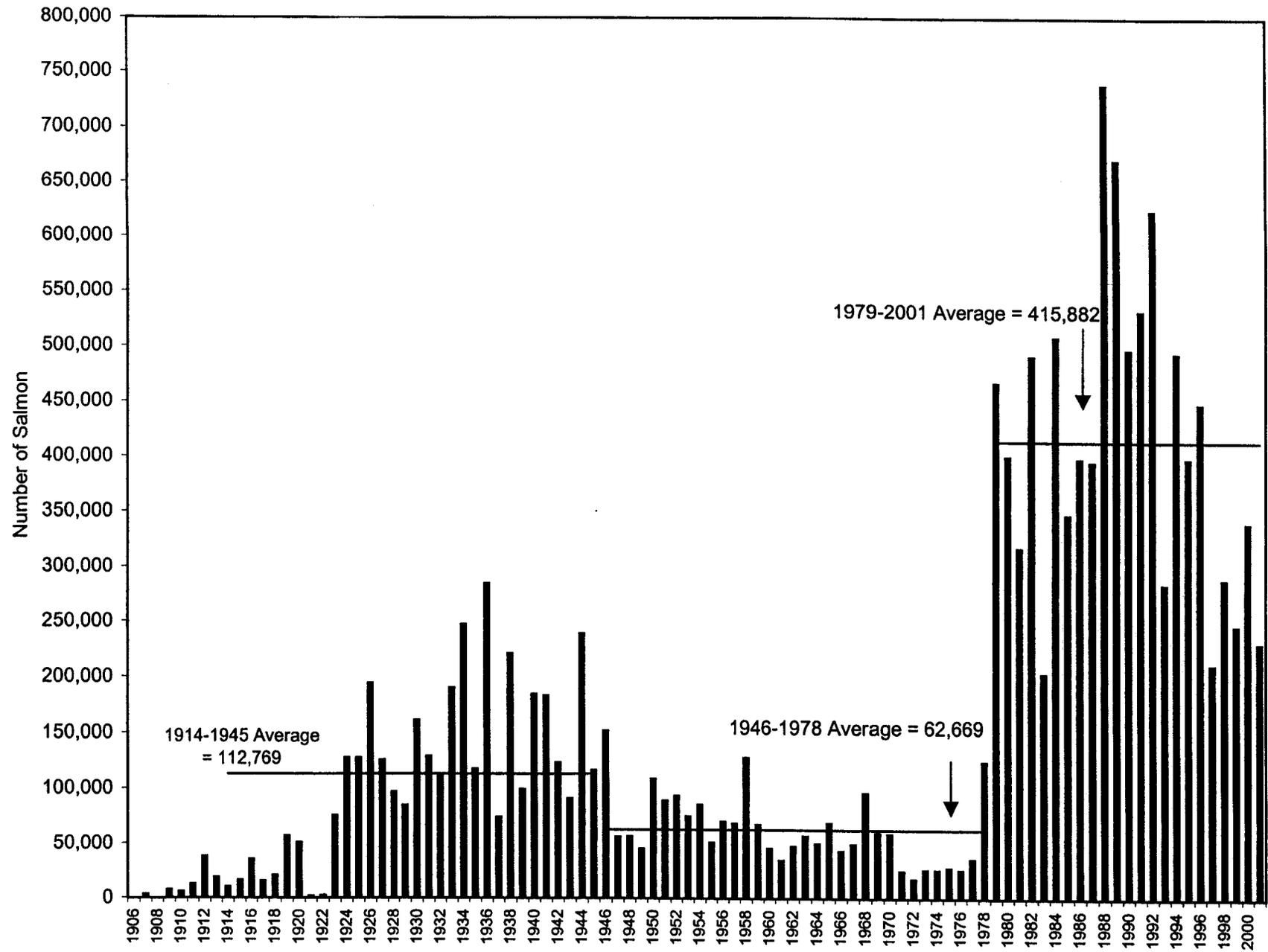


Figure 4. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Areas harvest of coho salmon by year, 1906-2001.

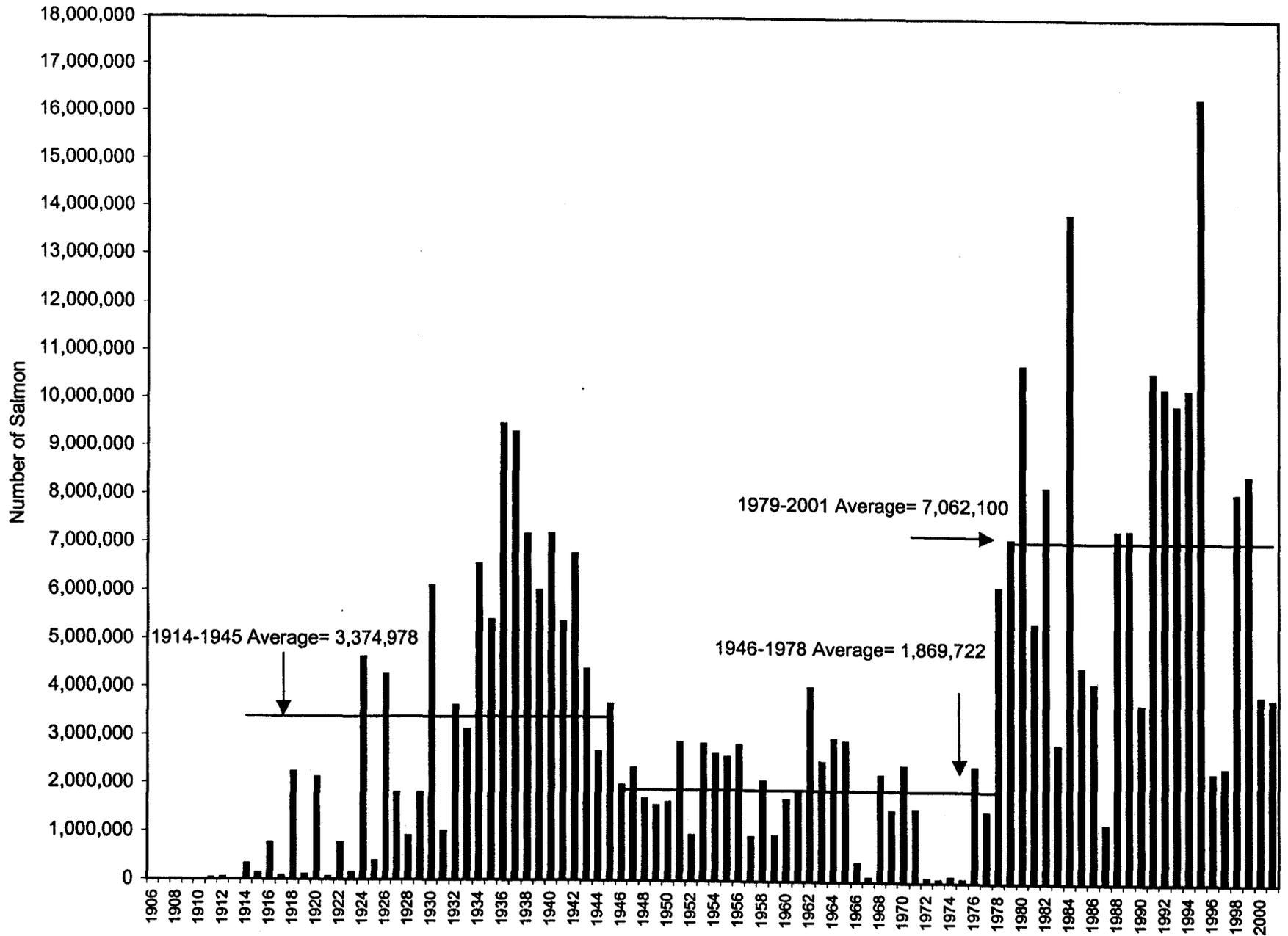


Figure 5. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Areas harvest of pink salmon by year, 1906-2001.

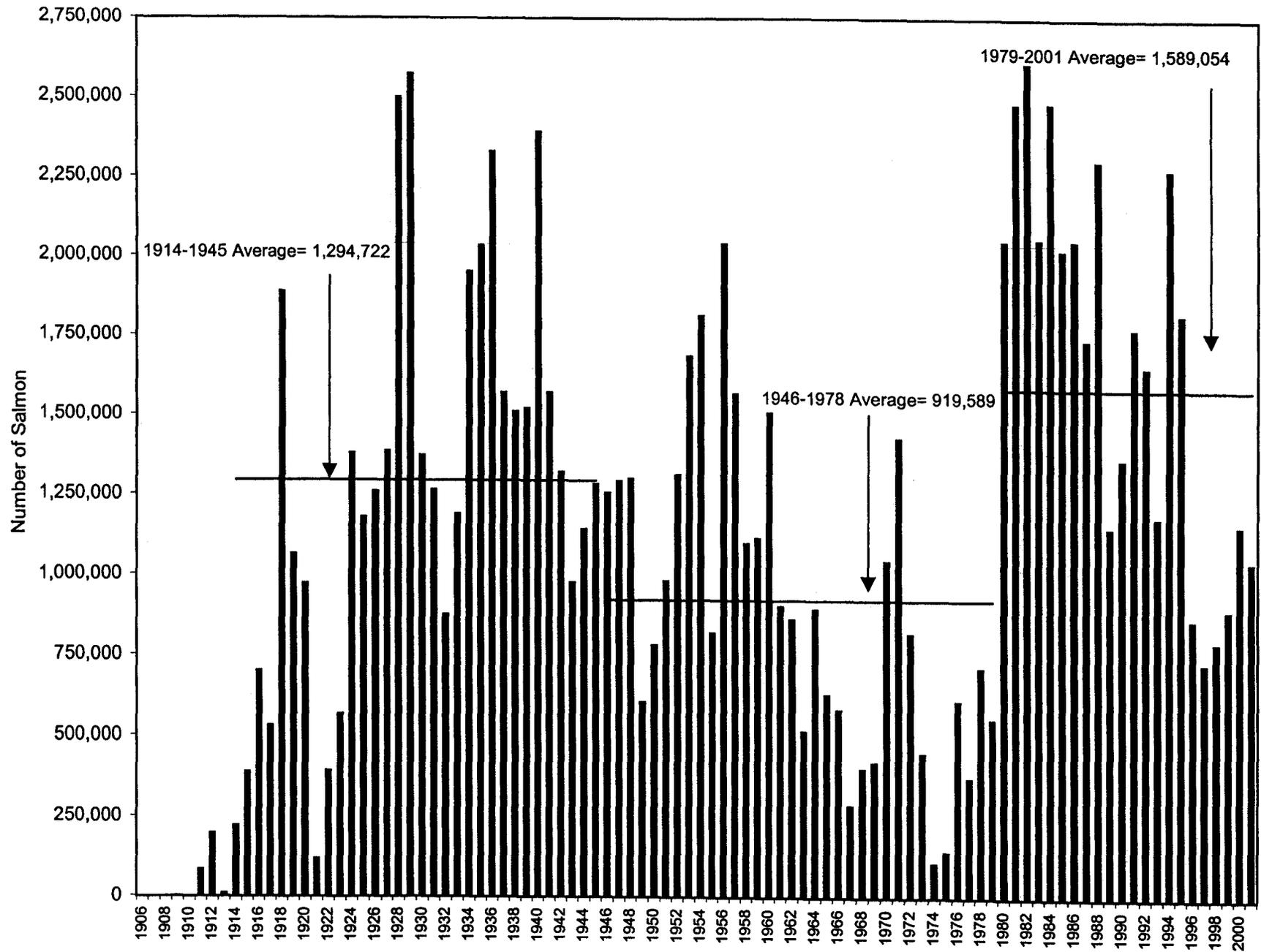


Figure 6. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Areas harvest of chum salmon by year, 1906-2001.

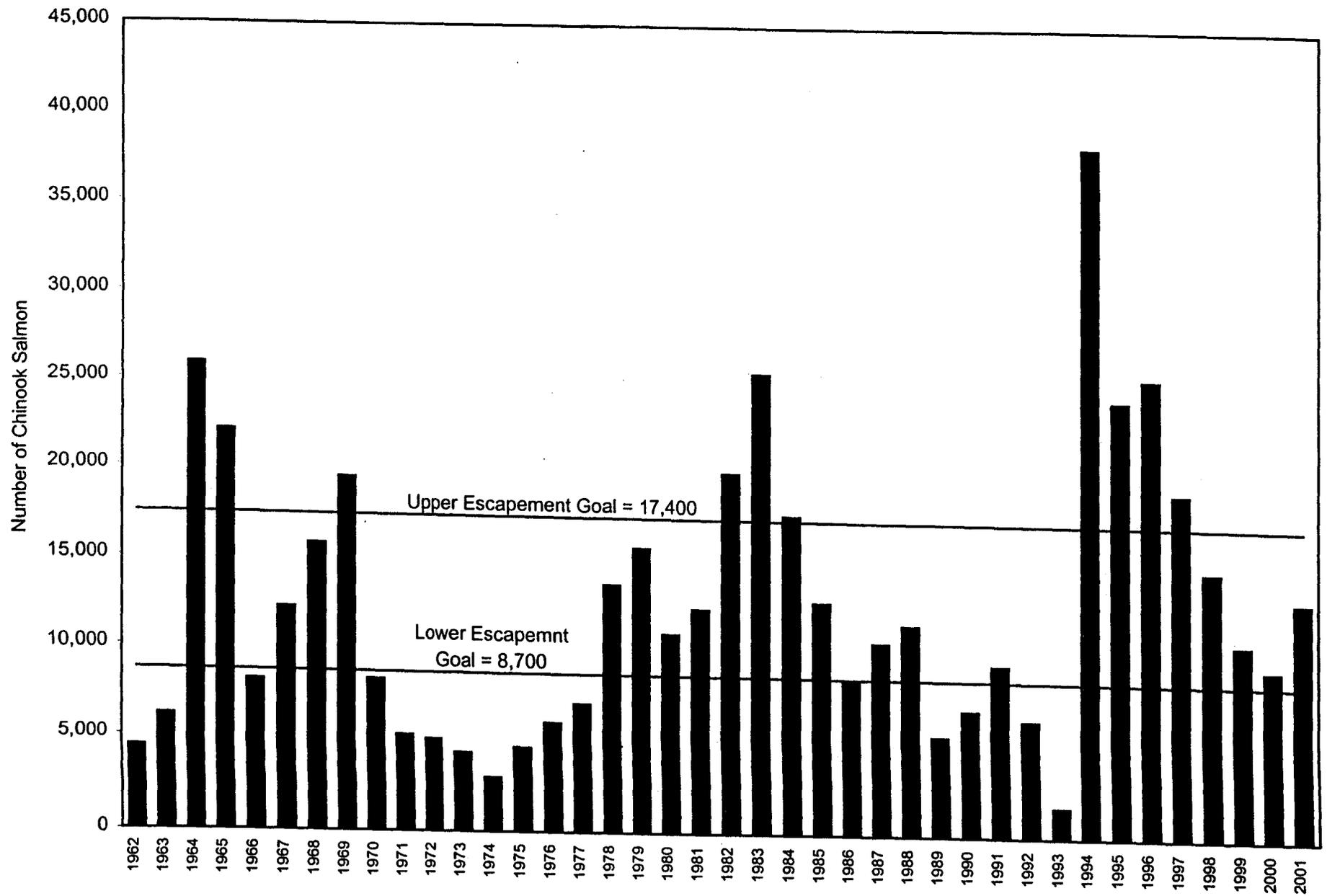


Figure 7. The Alaska Peninsula chinook salmon total indexed escapement by year, 1962-2001.

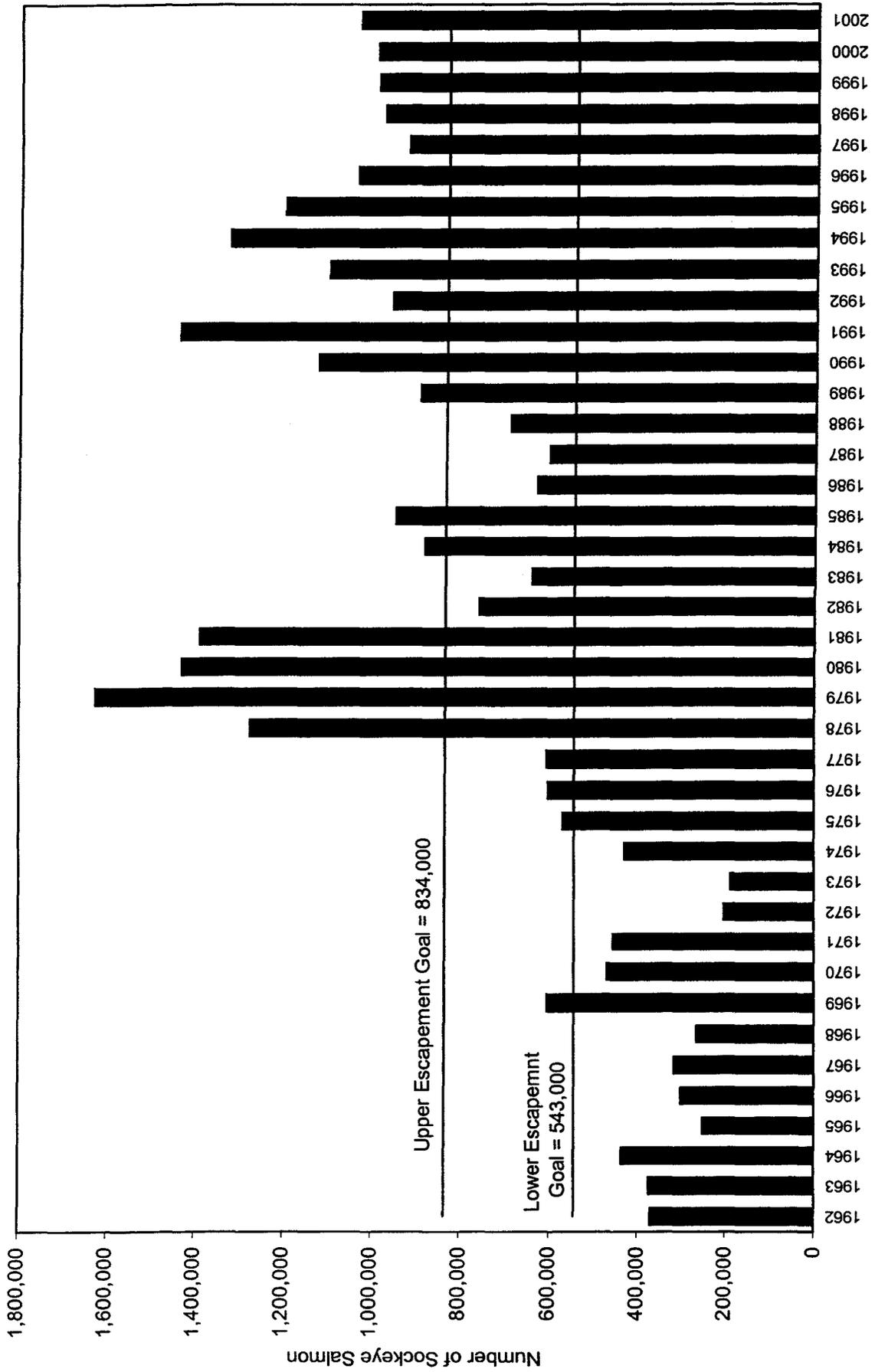


Figure 8. The Alaska Peninsula sockeye salmon total indexed escapement by year, 1962-2001.

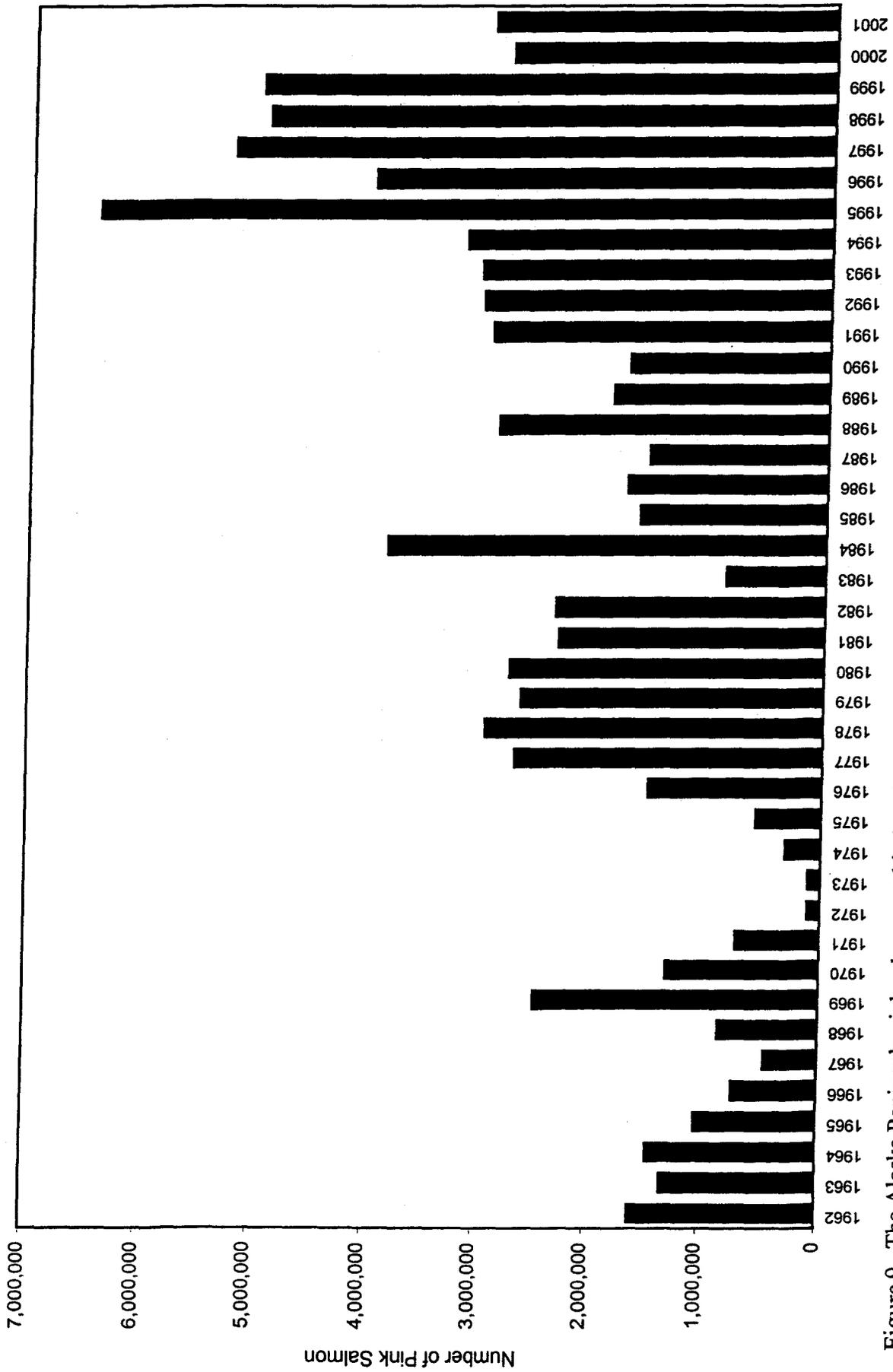


Figure 9. The Alaska Peninsula pink salmon total indexed escapement by year, 1962-2001.

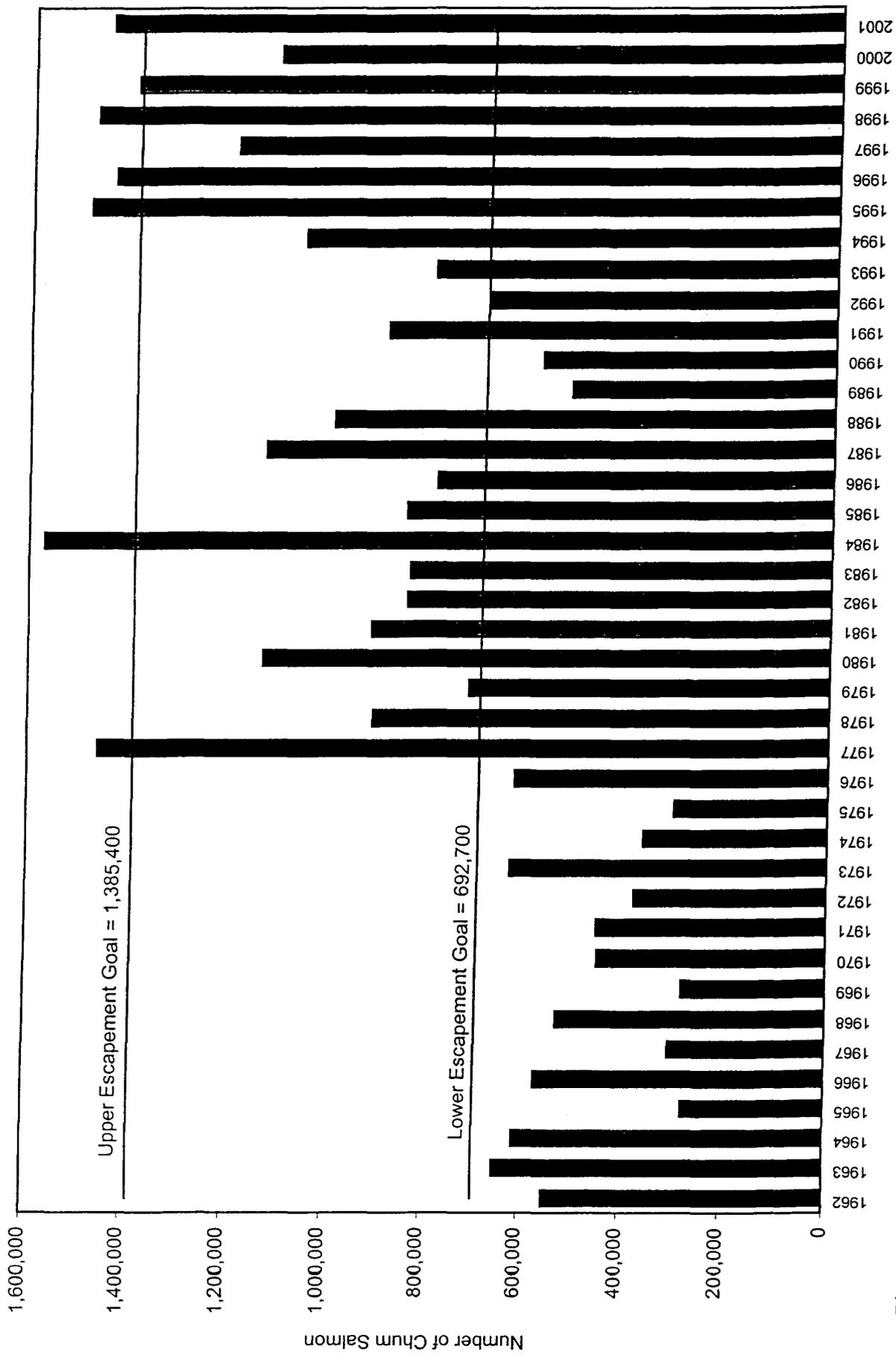


Figure 10. The Alaska Peninsula chum salmon total indexed escapement by year, 1962-2001.

ANNEX

Appendix A.1. List of statistical salmon fishing areas in the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas.

Area	Statistical Areas
Alaska Peninsula	28100 through 28599 plus 31111 through 31899
South Peninsula prior to 1991	28100 through 28499
<u>Southeastern District Mainland*</u>	28100 through 28299 plus 28370, 28375, 28380, and 28390
East Stepovak	28134, 28135, 28136
Stepovak Flats	28133
Northwest Stepovak	28110 through 28132
Orzinski and American Bays	28131
Southwest Stepovak	28390
Balboa Bay	28380
Beaver Bay*	28370, 28375
Shumagin Islands	28200 through 28299
<u>South Central District</u>	28361 through 28369
<u>Southwestern District</u>	28300 through 28352 plus 28460
<u>Unimak District</u>	28400 through 28450 plus 28310
June South Unimak Fishery	28310 through 28330 plus 28420 through 28460
South Peninsula after 1990	28100 through 28599
<u>Southeastern District</u>	28100 through 28299
<u>Southeastern District Mainland</u>	28100 through 28199
East Stepovak	28100 through 28125
Stepovak Flats	28130
Northwest Stepovak	28140 through 28169
Orzinski Bay	28150
American Bay	28155
Southwest Stepovak	28170
Balboa Bay	28180
Beaver Bay	28190
Shumagin Islands	28200 through 28299
<u>South Central District</u>	28300 through 28399
Mino Creek - Little Coal Bay Sect.	28315, 28317
East Pavlof Bay Section	28320, 28321, 28323
Canoe Bay Section	28324
West Pavlof Bay Section	28325, 28326
<u>Southwestern District</u>	28400 through 28499
Volcano Bay Section	28436, 28437, 28438, 28439
Belkofski Bay Section	28442
Deer Island Section	28455
Cold Bay Section	28462, 28465, 28467
Thin Point Section	28475
Morzhovoi Bay Section	28480
Ikatan Bay Section	28490
<u>Unimak District</u>	28500 through 28599
Sanak Island Section	28510
Otter Cove Section	28520, 28530
Cape Lutke Section	28540
June South Unimak fishery	28400 through 28599
North Peninsula	31111 through 31820
<u>Northwestern District</u>	31111 through 31299
Dublin Bay Section	31120
Urilia Bay Section	31132 through 31142
Swanson Lagoon Section	31152
Bechevin Bay Section	31158 through 31160
Izembek- Moffet Bay Section	31210 through 31240
<u>Northern District</u>	31300 through 31899
Black Hills Section	31310
Caribou Flats Section	31320
Nelson Lagoon Section	31330
Herendeen -Moller Bay Section	31420, 31430
Port Moller Bight Section	31412

-Continued-

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Area	Statistical Areas
Bear River Section	31500 through 31599
Three Hills Section	31610
Ulnik Section	31620 through 31699
Ulnik Lagoon	31622
Outer Port Heiden Section	31710
Inner Port Heiden Section	31720
Cinder River Section	31820
Harbor Point to Cape Seniavin	31500 through 31599 and 31412
Cape Seniavin to Strogonof Point	31600 through 31699
Harbor Point to Strogonof Point	31500 through 31699 and 31412
Aleutian Island Area	30200 through 30999 and 31110
Atka-Amlia Area	30500 through 30599

^a In 1985, statistical area 28370 became two areas (28370 and 28375). In 1988, Beaver Bay (28375) became part of the Southeastern District. The balance of 28370 remained in the South Central District. In 1991, statistical areas were changed to reflect Alaska Board of Fish management plans. As an aid in comparing statistics, catches from 1970-90 from statistical areas 28370 and 28375 have been designated as Beaver Bay catches from the Southeastern District. After 1990, these statistical areas were eliminated, Beaver Bay became 28190 (Southeastern District) and the Mino Creek-Little Coal Bay area became 28317 and 28315 (South Central District).

Appendix A.2. List of processing companies purchasing salmon in the Alaska Peninsula and Aleutian Islands Management Areas, 2001.

Bering Pacific Seafoods, Inc
234 Gold Street
Juneau, Ak 99801 Phone
Phone (907) 586-0161 or 548-2347
Fax (907) 548-2348

Peter Pan Seafoods, Inc.
2200 6th Avenue #1000
Seattle, WA 98121
Phone (206) 728-6000
Fax (206) 441-9090

Trident Seafoods Corporation
5303 Shilshole Avenue NW
Seattle, WA 98107
Phone (206) 783-3818
Fax (206) 782-7195

Wild Alaska Seafood House
40 Wadsworth Drive
Sequim, WA 98382
Phone (360) 683-4030 or 1-877-220-6492

Woodbine Alaska Fish Company
P.O. Box 218
Egegik, AK 99579-0218
Phone (907) 233-2205 or
(707) 374-5912
Fax (907) 233-2214

Appendix A.3. Estimated exvessel value of Alaska Peninsula and Aleutian Islands Management Areas commercial salmon fishery, 2001.

	Chinook ^a	Sockeye ^a	Coho ^a	Pink ^a	Churn ^a	Total ^a
<i>SEINE</i>						
<u>South Peninsula</u>						
Poundage	18,602	822,910	959,852	12,684,552	5,172,439	19,658,355
Average Weight	9.5	6.0	6.4	3.7	7.8	
Exvessel Value	\$4,650	412,000	144,000	1,142,000	517,000	2,219,650
<u>Northwestern District</u>						
Poundage	26	213,056	0	11,747	833,467	1,058,296
Average Weight	13.0	5.9		3.7	8.2	
Exvessel Value	\$7	110,000	0	1,050	83,350	194,407
<u>Northern District</u>						
Poundage	0	0	0	0	56,162	56,162
Average Weight					6.9	
Exvessel Value	\$0	0	0	0	5,616	5,616
<u>North Peninsula Total</u>						
Poundage	26	213,056	0	11,747	889,629	1,114,458
Average Weight	13.0	5.9		3.7	8.1	
Exvessel Value	\$7	110,000	0	1,050	88,966	200,023
<u>Aleutian Islands Area</u>						
Poundage	0	0	0	0	0	0
Average Weight						
Exvessel Value	\$0	0	0	0	0	0
<u>Total Alaska Peninsula and Aleutian Islands Areas</u>						
Poundage	18,628	1,035,966	959,852	12,696,299	6,062,068	20,772,813
Average Weight						
Exvessel Value	\$4,657	522,000	144,000	1,143,050	605,966	2,419,673
<u>South Unimak and Shumagin Islands June Fisheries^{b,c}</u>						
Poundage	5,484	253,062	0	85,611	121,492	465,649
Average Weight	24.8	6.0		3.0	7.1	
Exvessel Value	\$1,371	128,000	0	7,705	21,150	158,226
<i>DRIFT GILLNET</i>						
<u>South Peninsula</u>						
Poundage	2,124	727,705	202,611	93,021	383,062	1,408,523
Average Weight	17.7	5.9	7.1	3.3	7.2	
Exvessel Value	\$530	385,000	30,400	8,400	38,300	462,630

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	Chinook	Sockeye	Coho	Pink	Chum	Total
<u>Northwestern District</u>						
Poundage	324	84,419	132	3,158	36,053	124,086
Average Weight	12.0	6.2	6.0	3.1	7.1	
Exvessel Value	\$81	43,100	20	284	3,600	47,085
<u>Northern District</u>						
Poundage	34,962	5,620,010	170,326	26,033	354,080	6,205,411
Average Weight	15.1	5.7	8.5	3.2	7.3	
Exvessel Value	\$8,740	2,838,900	25,650	2,300	35,400	2,910,990
<u>North Peninsula Total</u>						
Poundage	35,286	5,704,429	170,458	29,191	390,133	6,329,497
Average Weight	15.1	5.7	8.5	3.1	7.3	
Exvessel Value	\$8,821	2,882,000	25,670	2,584	39,000	2,958,075
<u>Alaska Peninsula and Aleutian Islands Areas Total</u>						
Poundage	37,410	6,432,134	373,069	122,212	106,756	7,071,581
Average Weight	15.2	5.7	7.7	3.3	7.2	
Exvessel Value	\$9,351	3,267,000	56,070	10,984	77,300	3,420,705
<u>Area T</u>						
Poundage	0	0	4,669	0	81	4,750
Average Weight			7.0		9.0	
Exvessel Value	\$0	0	930	0	8	938
<u>Area M</u>						
Poundage	37,410	6,424,095	368,400	122,212	773,182	7,725,299
Average Weight	15.2	5.7	7.7	3.3	7.2	
Exvessel Value	\$9,351	3,267,000	55,140	10,984	77,292	3,419,767
<u>South Unimak-Shumagin Islands June Fisheries^{b,c}</u>						
Poundage	1,785	553,921	16	28,744	192,007	776,473
Average Weight	17.7	5.8	8.0	3.0	6.7	
Exvessel Value	\$450	294,000	2	2,600	19,200	316,252
SET GILLNET						
<u>South Peninsula</u>						
Poundage	3,257	2,373,673	240,720	1,170,360	1,132,615	4,920,625
Average Weight	14.2	6.9	7.6	3.6	7.4	
Exvessel Value	\$800	1,182,000	35,000	105,200	113,309	1,436,309
<u>Northwestern District</u>						
Poundage	0	7,406	0	0	0	7,406
Average Weight		6.5				
Exvessel Value	\$0	3,700	0	0	0	3,700

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	Chinook	Sockeye	Coho	Pink	Chum	Total
<u>Northern District</u>						
Poundage	35,743	682,874	17,441	140	37,909	774,107
Average Weight	17.3	6.0	8.1	3.3	8.5	
Exvessel Value	\$8,935	348,000	2,600	13	3,791	363,339
<u>North Peninsula Total</u>						
Poundage	35,743	690,280	17,441	140	37,909	781,513
Average Weight	17.3	6.0	8.1	3.3	8.5	
Exvessel Value	\$8,935	351,700	2,600	13	3,791	367,039
<u>Alaska Peninsula and Aleutian Islands Total</u>						
Poundage	39,000	3,063,953	258,161	1,170,500	1,170,524	5,702,138
Average Weight	17.0	6.7	7.6	3.6	7.4	
Exvessel Value	\$9,735	1,533,700	37,600	105,213	117,091	1,803,339
<u>Area T</u>						
Poundage	0	0	120	0	0	120
Average Weight			7.5			
Exvessel Value	\$0	0	24	0	0	24
<u>Area M</u>						
Poundage	39,000	3,063,953	258,041	1,170,500	1,170,524	5,702,018
Average Weight	17.0	6.7	7.6	3.6	7.4	
Exvessel Value	\$9,735	1,533,700	37,576	105,213	117,091	1,803,315
<u>South Unimak-Shumagin Islands June Fisheries^{b,c}</u>						
Poundage	431	81,503	0	4,017	18,661	104,612
Average Weight	18.7	6.2		3.1	7.2	
Exvessel Value	\$108	40,750	0	362	1,866	43,086
<i>ALL GEAR COMBINED</i>						
<u>South Peninsula</u>						
Poundage	23,983	3,924,288	1,403,183	13,947,933	6,688,116	25,987,503
Average Weight	10.4	6.5	6.7	3.7	7.7	
Exvessel Value	\$5,980	1,979,000	209,400	1,255,600	668,600	4,118,580
<u>Northwestern District</u>						
Poundage	350	304,881	132	14,905	869,520	1,189,788
Average Weight	12.1	6.0	6.0	3.6	8.1	
Exvessel Value	\$88	156,800	20	1,334	86,950	245,192
<u>Northern District</u>						
Poundage	70,705	6,302,884	187,767	26,173	448,151	7,035,680
Average Weight	16.1	5.8	8.5	3.2	7.3	
Exvessel Value	\$17,675	3,186,900	28,170	2,313	44,807	3,279,865

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	Chinook	Sockeye	Coho	Pink	Chum	Total
<u>North Peninsula Total</u>						
Poundage	71,055	6,607,765	187,899	41,078	1,317,671	8,225,468
Average Weight	16.1	5.8	8.5	3.3	7.8	
Exvessel Value	\$17,763	3,343,700	28,190	3,647	131,757	3,525,057
<u>Aleutian Islands Total</u>						
Poundage	0	0	0	0	0	0
Average Weight						
Exvessel Value	\$0	0	0	0	0	0
<u>Total Alaska Peninsula and Aleutian Islands Areas</u>						
Poundage	95,038	10,532,053	1,591,082	13,989,011	8,005,787	34,212,971
Average Weight	14.2	6.0	6.9	3.7	7.7	
Exvessel Value	\$23,743	5,322,700	237,670	1,259,247	800,357	7,643,717
<u>Area T</u>						
Poundage	0	0	4,789	0	81	4,870
Average Weight			7.0		9.0	
Exvessel Value	\$0	0	954	0	8	962
<u>Area M</u>						
Poundage	95,038	10,506,530	1,585,304	13,989,011	8,005,689	34,181,572
Average Weight	14.2	6.0	6.9	3.7	7.7	
Exvessel Value	\$23,743	5,322,700	236,716	1,259,247	800,349	7,642,755
<u>South Unimak-Shumagin Islands June Fisheries^{b,c}</u>						
Poundage	7,700	888,486	16	118,372	332,160	1,346,734
Average Weight	22.3	5.9	8.0	3.0	6.9	
Exvessel Value	\$1,929	462,750	2	10,667	42,216	517,564

^a All value figures are estimates based on limited information.

^b Does not include test fisheries.

^c These figures are included in the South Peninsula and total Alaska Peninsula and Aleutian Islands Areas.

Appendix A.4. Alaska Peninsula-Aleutian Islands Management Areas estimated exvessel value of commercially caught salmon by year, species, and gear, 1979-2001.

Year	Gear	Chinook	Sockeye	Coho	Pink	Chum	Total
1979	Seine	\$41,024	5,806,222	2,403,576	9,544,217	1,706,042	19,501,081
	Drift GN	240,779	11,753,626	441,669	39,800	263,172	12,739,046
	<u>Set GN</u>	<u>201,398</u>	<u>2,505,152</u>	<u>355,256</u>	<u>123,283</u>	<u>158,286</u>	<u>3,343,375</u>
	Total	483,201	20,065,000	3,200,501	9,707,300	2,127,500	35,583,502
1980	Seine	58,969	9,244,048	933,974	13,857,200	4,534,200	28,628,391
	Drift GN	152,604	5,505,669	291,213	9,800	1,077,000	7,036,286
	<u>Set GN</u>	<u>88,426</u>	<u>1,250,283</u>	<u>274,813</u>	<u>133,000</u>	<u>388,800</u>	<u>2,135,322</u>
	Total	299,999	16,000,000	1,500,000	14,000,000	6,000,000	37,799,999
1981	Seine	149,904	7,555,092	818,867	7,780,053	6,186,088	22,490,004
	Drift GN	227,880	12,919,049	402,703	23,122	1,387,760	14,960,514
	<u>Set GN</u>	<u>162,216</u>	<u>3,359,859</u>	<u>440,430</u>	<u>169,825</u>	<u>485,152</u>	<u>4,617,482</u>
	Total	540,000	23,834,000	1,662,000	7,973,000	8,059,000	42,068,000
1982	Seine	159,719	7,342,780	1,193,753	6,273,624	5,222,369	20,192,245
	Drift GN	482,670	9,920,524	790,307	53,286	2,086,026	13,332,813
	<u>Set GN</u>	<u>299,612</u>	<u>1,690,697</u>	<u>701,940</u>	<u>93,090</u>	<u>380,606</u>	<u>3,165,945</u>
	Total	942,001	18,954,001	2,686,000	6,420,000	7,689,001	36,691,003
1983	Seine	290,228	7,710,942	413,021	2,798,538	3,682,741	14,895,470
	Drift GN	264,657	11,836,113	106,775	8,857	799,006	13,015,408
	<u>Set GN</u>	<u>138,115</u>	<u>2,438,945</u>	<u>233,204</u>	<u>79,605</u>	<u>207,254</u>	<u>3,097,123</u>
	Total	693,000	21,986,000	753,000	2,887,000	4,689,001	31,008,001
1984	Seine	162,878	6,927,466	1,283,032	12,265,369	3,384,960	24,023,705
	Drift GN	366,861	8,895,318	721,161	88,448	1,218,684	11,290,472
	<u>Set GN</u>	<u>160,861</u>	<u>3,680,216</u>	<u>524,907</u>	<u>241,183</u>	<u>316,356</u>	<u>4,923,523</u>
	Total	690,600	19,503,000	2,529,100	12,595,000	4,920,000	40,237,700
1985	Seine	111,106	8,835,393	966,202	3,590,683	3,367,800	16,871,184
	Drift GN	313,931	15,569,329	528,289	20,455	804,537	17,236,541
	<u>Set GN</u>	<u>196,363</u>	<u>3,651,278</u>	<u>559,510</u>	<u>176,901</u>	<u>190,663</u>	<u>4,774,715</u>
	Total	621,400	28,056,000	2,054,001	3,788,039	4,363,000	38,882,440
1986	Seine	63,512	7,218,401	1,109,746	2,665,608	4,151,941	15,209,208
	Drift GN	102,301	19,594,136	462,212	28,793	688,716	20,876,158
	<u>Set GN</u>	<u>59,587</u>	<u>4,274,463</u>	<u>414,342</u>	<u>74,198</u>	<u>243,344</u>	<u>5,065,934</u>
	Total	225,400	31,087,000	1,986,300	2,768,599	5,084,001	41,151,300
1987	Seine	174,544	7,305,460	1,383,112	1,691,295	3,320,666	13,875,077
	Drift GN	247,653	14,594,398	908,674	9,073	1,185,440	16,945,238
	<u>Set GN</u>	<u>98,803</u>	<u>5,636,742</u>	<u>664,213</u>	<u>78,632</u>	<u>273,894</u>	<u>6,752,284</u>
	Total	521,000	27,536,600	2,955,999	1,779,000	4,780,000	37,572,599

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Year	Gear	Chinook	Sockeye	Coho	Pink	Chum	Total
1988	Seine	\$232,723	11,952,232	3,534,600	19,005,582	10,403,088	45,128,225
	Drift GN	297,533	23,503,525	1,742,790	506,192	3,213,893	29,263,933
	<u>Set GN</u>	<u>142,743</u>	<u>7,280,243</u>	<u>1,172,610</u>	<u>817,226</u>	<u>787,019</u>	<u>10,199,841</u>
	Total	672,999	42,736,000	6,450,000	20,329,000	14,404,000	84,591,999
1989	Seine	117,486	14,925,204	1,831,648	8,958,999	1,947,290	27,780,627
	Drift GN	159,100	18,253,184	1,292,059	113,538	890,441	20,708,322
	<u>Set GN</u>	<u>89,414</u>	<u>6,112,612</u>	<u>870,293</u>	<u>468,463</u>	<u>273,268</u>	<u>7,814,050</u>
	Total	366,000	39,291,000	3,994,000	9,541,000	3,110,999	56,302,999
1990	Seine	239,867	12,937,460	1,354,192	3,369,540	2,368,008	20,269,067
	Drift GN	271,284	22,736,487	940,241	52,242	670,851	24,671,105
	<u>Set GN</u>	<u>91,435</u>	<u>6,685,754</u>	<u>670,804</u>	<u>69,974</u>	<u>197,143</u>	<u>7,715,110</u>
	Total	602,586	42,359,701	2,965,237	3,491,756	3,236,002	52,655,282
1991 ^a	Seine	66,000	6,100,000	620,000	3,776,000	1,750,000	12,312,000
	Drift GN	62,000	12,000,000	649,000	13,000	600,690	13,324,690
	<u>Set GN</u>	<u>46,600</u>	<u>4,541,600</u>	<u>245,000</u>	<u>143,700</u>	<u>259,910</u>	<u>5,236,810</u>
	Total	174,600	22,641,600	1,514,000	3,932,700	2,610,600	30,873,500
1992 ^a	Seine	102,000	17,044,000	1,162,000	5,315,000	2,534,000	26,157,000
	Drift GN	94,000	32,344,000	540,000	103,000	458,000	33,539,000
	<u>Set GN</u>	<u>58,600</u>	<u>8,635,000</u>	<u>594,000</u>	<u>261,000</u>	<u>214,000</u>	<u>9,762,600</u>
	Total	254,600	58,023,000	2,296,000	5,679,000	3,206,000	69,458,600
1993 ^a	Seine	140,000	10,261,000	402,000	4,521,000	1,640,000	16,964,000
	Drift GN	114,000	20,204,000	147,000	5,000	314,000	20,784,000
	<u>Set GN</u>	<u>67,000</u>	<u>4,523,000</u>	<u>280,000</u>	<u>141,000</u>	<u>122,000</u>	<u>5,133,000</u>
	Total	321,000	34,988,000	829,000	4,667,000	2,076,000	42,881,000
1994 ^a	Seine	91,430	5,525,400	655,025	4,987,020	3,298,450	14,557,325
	Drift GN	63,360	16,912,700	513,600	63,220	305,070	17,857,950
	<u>Set GN</u>	<u>32,140</u>	<u>4,506,000</u>	<u>551,140</u>	<u>174,390</u>	<u>250,050</u>	<u>5,513,720</u>
	Total	186,930	26,944,100	1,719,765	5,224,630	3,853,570	37,928,995
1995 ^a	Seine	215,270	9,365,000	492,000	9,460,760	2,118,300	21,651,330
	Drift GN	66,220	22,170,800	187,010	29,600	421,550	22,875,180
	<u>Set GN</u>	<u>47,650</u>	<u>5,860,000</u>	<u>227,000</u>	<u>385,770</u>	<u>200,578</u>	<u>6,720,998</u>
	Total	329,140	37,395,800	906,010	9,876,130	2,740,428	51,247,508
1996 ^a	Seine	27,168	2,846,000	448,000	361,702	260,600	3,943,470
	Drift GN	24,045	9,472,000	232,300	15,501	88,490	9,832,336
	<u>Set GN</u>	<u>13,512</u>	<u>4,402,700</u>	<u>268,020</u>	<u>60,167</u>	<u>59,650</u>	<u>4,804,049</u>
	Total	64,725	16,720,700	948,320	437,370	408,740	18,579,855

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Year	Gear	Chinook	Sockeye	Coho	Pink	Chum	Total
1997 ^a	Seine	\$32,730	3,302,000	79,150	1,029,510	342,200	4,785,590
	Drift GN	54,160	15,330,000	141,300	29,600	128,380	15,683,440
	<u>Set GN</u>	<u>25,320</u>	<u>5,890,600</u>	<u>210,950</u>	<u>35,320</u>	<u>49,249</u>	<u>6,211,439</u>
	Total	112,210	24,522,600	431,400	1,094,430	519,829	26,680,469
1998 ^a	Seine	21,007	3,777,000	221,000	3,058,500	356,000	7,433,507
	Drift GN	17,450	10,787,000	219,800	104,400	181,600	11,310,250
	<u>Set GN</u>	<u>16,041</u>	<u>5,074,600</u>	<u>147,200</u>	<u>240,319</u>	<u>121,524</u>	<u>5,599,684</u>
	Total	54,498	19,638,600	588,000	3,403,219	659,124	24,343,441
1999 ^a	Seine	21,000	7,086,000	236,000	3,000,016	368,023	10,711,039
	Drift GN	20,900	13,648,600	116,300	6,350	128,086	13,920,236
	<u>Set GN</u>	<u>12,300</u>	<u>7,792,000</u>	<u>87,700</u>	<u>151,030</u>	<u>93,250</u>	<u>8,136,280</u>
	Total	54,200	28,526,600	440,000	3,157,396	589,359	32,767,555
2000 ^a	Seine	19,040	3,430,000	332,110	1,372,000	616,000	5,769,150
	Drift GN	24,320	12,131,000	91,400	15,076	149,400	12,411,196
	<u>Set GN</u>	<u>9,115</u>	<u>4,461,500</u>	<u>118,750</u>	<u>127,047</u>	<u>117,363</u>	<u>4,833,775</u>
	Total	52,475	20,022,500	542,260	1,514,123	882,763	23,014,121
2001 ^a	Seine	4,657	522,000	144,000	1,143,050	605,966	2,419,673
	Drift GN	9,351	3,267,000	55,140	10,984	77,292	3,419,767
	<u>Set GN</u>	<u>9,735</u>	<u>1,533,700</u>	<u>37,576</u>	<u>105,213</u>	<u>117,091</u>	<u>1,803,315</u>
	Total	23,743	5,322,700	236,716	1,259,247	800,349	7,642,755

^a Area M fishermen only.

Appendix A.5. Average weights and approximate exvessel prices for salmon in the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Areas, 1979-2001.

Year	Average Weight (lbs)					Average Price (\$/lb)				
	Chinook	Sockeye	Coho	Pink	Chum	Chinook	Sockeye	Coho	Pink	Chum
1979	22.9	5.8	7.4	3.6	7.3	1.18	1.10	0.92	0.38	0.53
1980	19.4	5.2	6.4	3.2	6.6	0.72	0.62	0.58	0.40	0.44
1981	17.9	5.8	7.5	3.6	7.2	1.02	1.00	0.70	0.42	0.45
1982	19.6	5.9	7.8	3.1	7.4	1.21	0.85	0.70	0.25	0.40
1983	17.5	5.5	7.6	3.8	6.9	0.71	0.86	0.49	0.27	0.33
1984	19.5	5.7	7.8	3.6	7.2	1.11	0.83	0.63	0.25	0.28
1985	19.5	5.4	7.8	4.1	7.0	1.06	1.09	0.75	0.21	0.31
1986	17.4	6.0	7.1	3.4	7.1	0.75	1.41	0.70	0.20	0.35
1987	18.6	6.3	7.6	3.5	7.1	1.20	1.65	0.98	0.25	0.39
1988	17.1	6.0	7.5	3.6	7.5	1.41	2.36	1.16	0.78	0.83
1989	17.9	5.8	7.3	3.8	6.8	1.14	1.54	0.82	0.35	0.40
1990	16.4	5.7	7.5	3.1	6.6	1.25	1.53	0.79	0.31	0.36
1991	16.4	5.6	6.9	3.1	6.4	0.77	0.86	0.53	0.12	0.23
1992	16.4	5.6	6.9	3.3	6.7	0.97	1.47	0.63	0.17	0.29
1993	17.2	5.7	6.3	3.4	6.3	0.80	0.82	0.49	0.14	0.28
1994	18.4	5.5	8.2	3.4	6.7	0.61	1.01	0.57	0.15	0.25
1995	19.8	5.4	6.7	3.6	7.0	0.74	1.10	0.42	0.17	0.22
1996	17.1	6.0	7.3	3.3	7.4	0.40	0.81	0.34	0.06	0.07
1997	16.0	5.8	7.4	3.3	6.8	0.55	0.97	0.40	0.15	0.11
1998	15.3	5.7	7.6	3.5	7.1	0.40	1.06	0.38	0.12	0.12
1999	15.1	5.3	6.1	3.1	6.8	0.39	1.13	0.30	0.12	0.10
2000	15.4	5.9	6.9	2.9	7.6	0.38	0.86	0.26	0.14	0.10
1979-1995										
Average	18.3	5.7	7.3	3.5	6.9	0.98	1.18	0.70	0.28	0.37
1996-2000										
Average	15.8	5.7	7.1	3.2	7.1	0.42	0.97	0.34	0.12	0.10
2001	14.2	6.0	6.9	3.7	7.7	0.25	0.51	0.15	0.09	0.10

^aDoes not include test fishing data.

Appendix A.6. Number of limited entry permits and fishing effort in the Alaska Peninsula and Aleutian Islands Management Areas, 1984-2001.

Year	PURSE SEINE		DRIFT GILLNET			SET GILLNET		
	Area M Permits ^a Available	Area M Permits ^b Fished	Area M Permits Available	Area M Permits ^{b,c} Fished	Area T Permits ^b Fished	Area M Permits Available	Area M Permits ^{b,c} Fished	Area T Permits ^b Fished
1984	125	121	165	158	44	114	103	15
1985	125	123	165	158	44	114	103	18
1986	125	121	165	163	37	114	100	7
1987	125	116	165	163	48	114	108	9
1988	125	114	165	162	59	114	106	14
1989	125	119	165	158	64	114	111	18
1990	126	121	164	166	63	114	114	15
1991	126	126	164	162	68	114	111	12
1992	125	119	164	161	102	114	111	18
1993	125	123	164	162	50	114	114	11
1994	125	118	164	164	77	114	108	9
1995	125	118	164	164	81	114	110	12
1996	124	102	164	164	32	114	110	6
1997	122	82	164	158	42	114	110	10
1998	122	79	164	159	60	115	112	7
1999	121	74	164	160	21	115	107	1
2000	121	76	161	156	27	115	109	3
2001	121	64	160	137	4	115	99	1

^a Includes both permanent permits and interim use permits.

^b Making at least one delivery during the year.

^c During a portion of the season, in specific sections, Area T set and drift gillnet fishermen are allowed to fish in portions of the Alaska Peninsula Area.

Appendix A.7. Area T permit holders fishing by general location in the Alaska Peninsula Area, 1984-2001.

Year	Drift Gillnet				Set Gillnet			
	Ilnik and Outer Port Heiden ^a	Inner Port Heiden	Cinder River Only	Total Area T	Ilnik and Outer Port Heiden ^a	Inner Port Heiden	Cinder River Only	Total Area T
1984	8	19	25	52	0	4	11	15
1985	0	25	23	48	0	6	11	18
1986	13	23	1	37	0	7	0	7
1987	17	23	10	50	0	5	4	9
1988	22	28	18	68	0	7	7	14
1989	34	22	15	71	0	5	13	18
1990	0	28	39	67	0	5	11	15
1991	0	22	50	72	0	4	8	12
1992	0	20	85	105	0	4	14	18
1993	0	17	34	51	0	3	8	11
1994	0	18	59	77	0	2	7	9
1995	0	19	62	81	0	5	7	12
1996	0	0	32	32	0	0	6	6
1997	0	17	25	42	0	3	7	10
1998	0	10	50	60	0	1	6	7
1999	0	9	12	21	0	0	1	1
2000	0	12	15	27	0	1	2	3
2001	0	0	4	4	0	0	1	1

^a The Outer Port Heiden Section was closed to commercial salmon fishing and Area T permit holders were regulated out of the Ilnik Section except Ilnik Lagoon after 1989.

Appendix B.1. Alaska Peninsula -Aleutian Islands commercial salmon harvest in numbers of fish by year, for the South Peninsula, North Peninsula, Aleutian Islands, and Atka-Amlia Areas, 1906-2001.

Year		Chinook ^a	Sockeye ^a	Coho ^a	Pink ^a	Chum ^a	Total ^a
1906	South Peninsula	0	0	0	0	0	0
	North Peninsula	1,500	135,000	0	0	0	136,500
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	1,500	135,000	0	0	0	136,500
1907	South Peninsula	0	0	0	0	0	0
	North Peninsula	1,700	66,500	3,200	1,500	0	72,900
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	1,700	66,500	3,200	1,500	0	72,900
1908	South Peninsula	0	69,400	0	0	0	69,400
	North Peninsula	1,500	166,900	0	0	0	168,400
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	1,500	236,300	0	0	0	237,800
1909	South Peninsula	0	108,400	7,200	0	0	115,600
	North Peninsula	1,500	143,000	0	0	1,000	145,500
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	1,500	251,400	7,200	0	1,000	261,100
1910	South Peninsula	0	46,300	5,500	0	0	51,800
	North Peninsula	0	0	0	0	0	0
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	0	46,300	5,500	0	0	51,800
1911	South Peninsula	0	240,800	12,400	25,200	83,000	361,400
	North Peninsula	0	129,600	0	0	0	129,600
	<u>Aleutians</u>	<u>0</u>	<u>9,300</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>9,300</u>
	Total	0	379,700	12,400	25,200	83,000	500,300
1912	South Peninsula	0	334,400	27,000	40,400	195,000	596,800
	North Peninsula	900	252,700	11,000	0	2,400	267,000
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	900	587,100	38,000	40,400	197,400	863,800
1913	South Peninsula	1,800	299,700	0	0	7,000	308,500
	North Peninsula	600	888,800	18,700	0	2,000	910,100
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	2,400	1,188,500	18,700	0	9,000	1,218,600
1914	South Peninsula	600	628,900	0	311,000	221,100	1,171,500
	North Peninsula	8,100	1,325,100	0	0	0	1,333,200
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	8,700	1,954,000	9,900	311,000	221,100	2,504,700

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1915	South Peninsula	4,800	367,900	16,200	120,100	333,100	842,100
	North Peninsula	14,000	1,974,300	0	0	54,800	2,043,100
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	18,800	2,342,200	16,200	120,100	387,900	2,885,200
1916	South Peninsula	6,800	730,900	34,100	576,100	508,900	1,856,800
	North Peninsula	44,200	1,974,700	0	2,600	191,400	2,212,900
	<u>Aleutians</u>	<u>0</u>	<u>76,500</u>	<u>1,200</u>	<u>180,300</u>	<u>100</u>	<u>258,100</u>
	Total	51,000	2,782,100	35,300	759,000	700,400	4,327,800
1917	South Peninsula	6,400	1,486,100	4,600	72,100	415,500	1,984,700
	North Peninsula	20,000	679,600	6,800	600	90,300	797,300
	<u>Aleutians</u>	<u>0</u>	<u>70,400</u>	<u>3,800</u>	<u>600</u>	<u>23,100</u>	<u>97,900</u>
	Total	26,400	2,236,100	15,200	73,300	528,900	2,879,900
1918	South Peninsula	8,700	1,014,100	16,300	2,150,000	1,501,000	4,690,900
	North Peninsula	9,700	1,208,500	0	1,200	252,300	1,471,700
	<u>Aleutians</u>	<u>0</u>	<u>55,200</u>	<u>4,400</u>	<u>75,600</u>	<u>135,200</u>	<u>270,400</u>
	Total	18,400	2,277,800	20,700	2,227,600	1,888,500	6,433,000
1919	South Peninsula	9,600	619,100	56,100	80,200	921,400	1,686,400
	North Peninsula	19,600	389,200	0	12,000	143,500	564,300
	<u>Aleutians</u>	<u>0</u>	<u>3,900</u>	<u>800</u>	<u>4,000</u>	<u>0</u>	<u>8,700</u>
	Total	29,200	1,012,200	56,900	96,200	1,064,900	2,259,400
1920	South Peninsula	7,800	1,142,300	47,700	2,109,800	934,000	4,241,600
	North Peninsula	19,000	1,371,900	0	0	37,000	1,427,900
	<u>Aleutians</u>	<u>0</u>	<u>10,100</u>	<u>2,800</u>	<u>0</u>	<u>0</u>	<u>12,900</u>
	Total	26,800	2,524,300	50,500	2,109,800	971,000	5,682,400
1921	South Peninsula	700	830,700	1,500	47,300	84,600	964,800
	North Peninsula	12,500	1,746,500	0	0	32,800	1,791,800
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	13,200	2,577,200	1,500	47,300	117,400	2,756,600
1922	South Peninsula	6,900	3,376,800	2,200	756,700	349,300	4,491,900
	North Peninsula	10,400	667,900	0	0	42,900	721,200
	<u>Aleutians</u>	<u>0</u>	<u>14,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>14,000</u>
	Total	17,300	4,058,700	2,200	756,700	392,200	5,227,100
1923	South Peninsula	4,100	1,827,200	75,300	143,600	538,900	2,589,100
	North Peninsula	9,100	731,700	100	0	25,800	766,700
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	13,200	2,558,900	75,400	143,600	564,700	3,355,800

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Appendix B.1. (page 3 of 11)

Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1924	South Peninsula	3,900	1,352,000	127,300	3,931,300	1,330,700	6,745,200
	North Peninsula	10,500	701,700	0	0	48,400	760,600
	<u>Aleutians</u>	<u>0</u>	<u>24,900</u>	<u>0</u>	<u>673,800</u>	<u>100</u>	<u>698,800</u>
	Total	14,400	2,078,600	127,300	4,605,100	1,379,200	8,204,600
1925	South Peninsula	10,700	820,500	127,100	382,100	1,116,800	2,457,200
	North Peninsula	10,600	400,200	0	0	53,900	464,700
	<u>Aleutians</u>	<u>0</u>	<u>18,600</u>	<u>0</u>	<u>3,800</u>	<u>9,100</u>	<u>31,500</u>
	Total	21,300	1,239,300	127,100	385,900	1,179,800	2,953,400
1926	South Peninsula	9,500	3,071,500	193,800	3,719,700	1,179,800	8,174,300
	North Peninsula	23,900	672,900	0	0	71,500	768,300
	<u>Aleutians</u>	<u>0</u>	<u>1,300</u>	<u>0</u>	<u>521,700</u>	<u>7,800</u>	<u>530,800</u>
	Total	33,400	3,745,700	193,800	4,241,400	1,259,100	9,473,400
1927	South Peninsula	9,600	714,700	125,300	1,455,500	1,299,700	3,604,800
	North Peninsula	16,500	230,600	100	0	87,000	334,200
	<u>Aleutians</u>	<u>0</u>	<u>17,300</u>	<u>0</u>	<u>334,600</u>	<u>0</u>	<u>351,900</u>
	Total	26,100	962,600	125,400	1,790,100	1,386,700	4,290,900
1928	S.Pen & Aleutian	7,700	971,500	96,600	900,900	2,416,300	4,393,000
	<u>North Peninsula</u>	<u>4,600</u>	<u>855,600</u>	<u>0</u>	<u>0</u>	<u>83,500</u>	<u>943,700</u>
	Total	12,300	1,827,100	96,600	900,900	2,499,800	5,336,700
1929	S.Pen & Aleutian	10,500	935,800	84,500	1,793,500	2,429,000	5,253,300
	<u>North Peninsula</u>	<u>4,100</u>	<u>878,000</u>	<u>0</u>	<u>0</u>	<u>145,200</u>	<u>1,027,300</u>
	Total	14,600	1,813,800	84,500	1,793,500	2,574,200	6,280,600
1930	S.Pen & Aleutian	10,900	935,200	161,100	6,094,800	1,278,100	8,480,100
	<u>North Peninsula</u>	<u>3,800</u>	<u>167,700</u>	<u>0</u>	<u>0</u>	<u>93,400</u>	<u>265,200</u>
	Total	14,700	1,102,900	161,100	6,094,800	1,371,800	8,745,300
1931	S.Pen & Aleutian	11,000	1,863,200	128,700	997,900	1,216,000	4,211,800
	<u>North Peninsula</u>	<u>1,300</u>	<u>761,000</u>	<u>0</u>	<u>0</u>	<u>54,900</u>	<u>817,200</u>
	Total	12,300	2,624,200	128,700	997,900	1,265,900	5,029,000
1932	S.Pen & Aleutian	17,400	2,977,300	112,300	3,604,800	817,300	7,529,100
	<u>North Peninsula</u>	<u>3,200</u>	<u>977,100</u>	<u>0</u>	<u>0</u>	<u>56,300</u>	<u>1,036,600</u>
	Total	20,600	3,954,400	112,300	3,604,800	873,600	8,565,700
1933	S.Pen & Aleutian	12,600	1,996,700	190,000	3,109,200	1,173,900	6,482,400
	<u>North Peninsula</u>	<u>1,100</u>	<u>350,100</u>	<u>0</u>	<u>0</u>	<u>16,000</u>	<u>367,200</u>
	Total	13,700	2,346,800	190,000	3,109,200	1,189,900	6,849,600
1934	S.Pen & Aleutian	17,600	1,372,400	247,100	6,538,500	1,940,300	10,115,900
	<u>North Peninsula</u>	<u>1,600</u>	<u>1,091,300</u>	<u>0</u>	<u>400</u>	<u>13,000</u>	<u>1,106,300</u>
	Total	19,200	2,463,700	247,100	6,538,900	1,953,300	11,222,200

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1935	S.Pen & Aleutian	13,900	978,400	117,200	5,386,200	2,003,100	8,498,800
	<u>North Peninsula</u>	<u>1,000</u>	<u>479,200</u>	<u>0</u>	<u>100</u>	<u>33,800</u>	<u>514,100</u>
	Total	14,900	1,457,600	117,200	5,386,300	2,036,900	9,012,900
1936	S.Pen & Aleutian	14,400	3,662,600	284,600	9,471,000	2,310,900	15,743,500
	<u>North Peninsula</u>	<u>1,000</u>	<u>610,700</u>	<u>0</u>	<u>2,800</u>	<u>19,000</u>	<u>633,500</u>
	Total	15,400	4,273,300	284,600	9,473,800	2,329,900	16,377,000
1937	S.Pen & Aleutian	9,300	1,558,000	73,900	9,302,000	1,506,700	12,449,900
	<u>North Peninsula</u>	<u>1,600</u>	<u>860,900</u>	<u>0</u>	<u>100</u>	<u>65,600</u>	<u>928,200</u>
	Total	10,900	2,418,900	73,900	9,302,100	1,572,300	13,378,100
1938	S.Pen & Aleutian	6,400	772,100	220,700	7,169,100	1,476,600	9,644,900
	<u>North Peninsula</u>	<u>5,900</u>	<u>1,009,600</u>	<u>0</u>	<u>0</u>	<u>34,700</u>	<u>1,050,200</u>
	Total	12,300	1,781,700	220,700	7,169,100	1,511,300	10,695,100
1939	S.Pen & Aleutian	16,500	1,881,700	98,900	6,005,300	1,440,600	9,443,000
	<u>North Peninsula</u>	<u>3,900</u>	<u>746,200</u>	<u>0</u>	<u>0</u>	<u>82,200</u>	<u>832,300</u>
	Total	20,400	2,527,900	98,900	6,005,300	1,522,800	10,275,300
1940	S.Pen & Aleutian	9,100	1,040,300	184,200	7,182,800	2,326,300	10,472,700
	<u>North Peninsula</u>	<u>700</u>	<u>678,900</u>	<u>0</u>	<u>0</u>	<u>65,600</u>	<u>745,200</u>
	Total	9,800	1,719,200	184,200	7,182,800	2,391,900	11,487,900
1941	S.Pen & Aleutian	13,000	1,072,000	183,000	5,347,000	1,542,000	8,157,800
	<u>North Peninsula</u>	<u>700</u>	<u>491,700</u>	<u>0</u>	<u>3,200</u>	<u>30,200</u>	<u>525,800</u>
	Total	13,700	1,563,700	183,000	5,350,200	1,572,200	8,682,800
1942	S.Pen & Aleutian	4,800	810,100	123,000	6,762,600	1,321,100	9,021,600
	<u>North Peninsula</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	4,800	810,100	123,000	6,762,600	1,321,100	9,021,600
1943	S.Pen & Aleutian	21,700	2,397,700	90,600	4,360,200	924,500	7,794,700
	<u>North Peninsula</u>	<u>200</u>	<u>567,400</u>	<u>0</u>	<u>1,300</u>	<u>50,400</u>	<u>619,300</u>
	Total	21,900	2,965,100	90,600	4,361,500	974,900	8,414,000
1944	S.Pen & Aleutian	9,900	538,600	238,700	2,653,800	985,600	4,426,600
	<u>North Peninsula</u>	<u>100</u>	<u>414,700</u>	<u>0</u>	<u>2,600</u>	<u>157,900</u>	<u>575,300</u>
	Total	10,000	953,300	238,700	2,656,400	1,143,500	5,001,900
1945	S.Pen & Aleutian	21,400	813,400	116,100	3,639,600	948,900	5,539,400
	<u>North Peninsula</u>	<u>100</u>	<u>394,400</u>	<u>0</u>	<u>2,500</u>	<u>335,100</u>	<u>732,100</u>
	Total	21,500	1,207,800	116,100	3,642,100	1,284,000	6,271,500
1946	S.Pen & Aleutian	6,100	752,300	151,400	1,964,000	1,219,900	4,093,700
	<u>North Peninsula</u>	<u>2,500</u>	<u>697,700</u>	<u>300</u>	<u>0</u>	<u>36,000</u>	<u>736,500</u>
	Total	8,600	1,450,000	151,700	1,964,000	1,255,900	4,830,200

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1947	S.Pen & Aleutian	3,400	1,137,100	55,800	2,319,600	1,219,200	4,735,100
	<u>North Peninsula</u>	<u>100</u>	<u>357,700</u>	<u>100</u>	<u>100</u>	<u>75,000</u>	<u>433,000</u>
	Total	3,500	1,491,800	55,900	2,319,700	1,294,200	5,168,100
1948	S.Pen & Aleutian	1,200	285,900	39,200	1,683,700	1,139,600	3,149,600
	<u>North Peninsula</u>	<u>1,200</u>	<u>477,600</u>	<u>17,200</u>	<u>0</u>	<u>161,700</u>	<u>658,700</u>
	Total	3,400	763,500	56,400	1,683,700	1,301,300	3,808,300
1949	S.Pen & Aleutian	3,800	637,500	19,500	1,544,000	560,900	2,765,700
	<u>North Peninsula</u>	<u>700</u>	<u>137,100</u>	<u>25,700</u>	<u>0</u>	<u>40,700</u>	<u>204,200</u>
	Total	4,500	774,600	45,200	1,544,000	601,600	2,969,900
1950	S.Pen & Aleutian	4,000	1,745,300	70,700	1,613,700	562,500	3,996,200
	<u>North Peninsula</u>	<u>1,100</u>	<u>127,800</u>	<u>37,800</u>	<u>0</u>	<u>217,600</u>	<u>284,300</u>
	Total	5,100	1,873,100	108,500	1,613,700	780,100	4,380,500
1951	South Peninsula	1,500	264,200	55,700	2,844,800	683,100	3,849,300
	North Peninsula	1,200	358,900	32,900	20,400	203,000	616,400
	<u>Aleutians</u>	<u>0</u>	<u>11,700</u>	<u>400</u>	<u>500</u>	<u>94,500</u>	<u>107,100</u>
	Total	2,700	634,800	89,000	2,865,700	980,600	4,572,800
1952	South Peninsula	9,200	894,500	39,200	908,500	1,040,800	2,892,200
	North Peninsula	700	354,800	54,200	1,400	246,900	658,000
	<u>Aleutians</u>	<u>200</u>	<u>42,800</u>	<u>0</u>	<u>31,800</u>	<u>25,700</u>	<u>100,500</u>
	Total	10,100	1,292,100	93,400	941,700	1,313,400	3,650,700
1953	South Peninsula	7,200	1,039,200	47,900	2,743,900	1,464,600	5,302,800
	North Peninsula	800	537,300	26,200	18,300	224,400	807,000
	<u>Aleutians</u>	<u>0</u>	<u>4,200</u>	<u>500</u>	<u>69,200</u>	<u>800</u>	<u>74,700</u>
	Total	8,000	1,580,700	74,600	2,831,400	1,689,800	6,184,500
1954	South Peninsula	4,200	636,300	49,400	2,033,300	1,413,400	4,136,600
	North Peninsula	3,400	354,700	35,000	18,500	405,000	816,600
	<u>Aleutians</u>	<u>0</u>	<u>6,300</u>	<u>800</u>	<u>566,500</u>	<u>200</u>	<u>573,800</u>
	Total	7,600	997,300	85,200	2,618,300	1,818,600	5,527,000
1955	South Peninsula	5,400	550,100	44,800	2,529,200	688,200	3,817,700
	North Peninsula	4,100	586,600	6,200	900	129,600	727,400
	<u>Aleutians</u>	<u>0</u>	<u>12,600</u>	<u>100</u>	<u>31,100</u>	<u>400</u>	<u>44,200</u>
	Total	9,500	1,149,300	51,100	2,561,200	818,200	4,589,300
1956	South Peninsula	4,800	641,400	61,900	2,740,700	1,618,700	5,067,500
	North Peninsula	4,200	1,370,900	8,200	28,500	427,400	1,839,200
	<u>Aleutians</u>	<u>0</u>	<u>400</u>	<u>0</u>	<u>33,900</u>	<u>0</u>	<u>34,300</u>
	Total	9,000	2,012,700	70,100	2,803,100	2,046,100	6,941,000

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1957	South Peninsula	5,800	341,900	49,900	913,100	1,281,400	2,592,100
	North Peninsula	1,000	327,900	18,300	3,300	274,900	625,400
	<u>Aleutians</u>	<u>2,300</u>	<u>27,300</u>	<u>100</u>	<u>500</u>	<u>13,900</u>	<u>44,100</u>
	Total	9,100	697,100	68,300	916,900	1,570,200	3,261,600
1958	South Peninsula	800	186,100	70,600	1,385,200	841,000	2,483,700
	North Peninsula	15,000	473,800	57,100	60,400	254,800	861,100
	<u>Aleutians</u>	<u>0</u>	<u>300</u>	<u>0</u>	<u>613,200</u>	<u>3,700</u>	<u>617,200</u>
	Total	15,800	660,200	127,700	2,058,800	1,099,500	3,962,000
1959	South Peninsula	900	217,500	8,500	915,600	711,700	1,854,200
	North Peninsula	28,700	634,900	59,100	9,600	404,700	1,137,000
	<u>Aleutians</u>	<u>0</u>	<u>6,100</u>	<u>0</u>	<u>12,000</u>	<u>100</u>	<u>18,200</u>
	Total	29,600	858,500	67,600	937,200	1,116,500	3,009,400
1960	South Peninsula	1,700	379,000	1,800	1,197,500	904,400	2,484,400
	North Peninsula	10,400	692,800	44,000	34,700	607,200	1,389,100
	<u>Aleutians</u>	<u>0</u>	<u>7,600</u>	<u>0</u>	<u>444,900</u>	<u>300</u>	<u>452,800</u>
	Total	12,100	1,079,400	45,800	1,677,100	1,511,900	4,326,300
1961	South Peninsula	900	456,800	10,400	1,727,800	748,600	2,944,500
	North Peninsula	6,100	387,700	24,600	3,000	153,300	574,700
	<u>Aleutians</u>	<u>0</u>	<u>2,700</u>	<u>0</u>	<u>94,000</u>	<u>200</u>	<u>96,900</u>
	Total	7,000	847,200	35,000	1,824,800	902,100	3,616,100
1962	South Peninsula	3,300	420,000	12,500	1,965,500	824,800	3,226,100
	North Peninsula	5,400	249,700	35,200	31,200	34,900	356,400
	<u>Aleutians</u>	<u>0</u>	<u>5,500</u>	<u>100</u>	<u>2,001,700</u>	<u>1,200</u>	<u>2,008,500</u>
	Total	8,700	675,200	47,800	3,998,400	860,900	5,591,000
1963	South Peninsula	1,900	204,400	16,500	2,367,700	461,300	3,051,800
	North Peninsula	3,600	225,200	40,500	6,900	49,900	326,100
	<u>Aleutians</u>	<u>0</u>	<u>4,500</u>	<u>0</u>	<u>93,900</u>	<u>300</u>	<u>98,700</u>
	Total	5,500	434,100	57,000	2,468,500	511,500	3,476,600
1964	South Peninsula	2,000	370,800	13,600	2,740,400	751,000	3,877,800
	North Peninsula	3,600	250,800	36,600	6,800	139,000	436,800
	<u>Aleutians</u>	<u>0</u>	<u>200</u>	<u>0</u>	<u>194,100</u>	<u>2,300</u>	<u>196,600</u>
	Total	5,600	621,800	50,200	2,941,300	892,300	4,511,200
1965	South Peninsula	2,100	915,700	34,200	2,884,100	556,400	4,392,500
	North Peninsula	6,100	199,500	34,500	2,100	69,700	311,900
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	8,200	1,115,200	68,700	2,886,200	626,100	4,704,400

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1966	South Peninsula	1,400	606,200	6,300	302,300	494,400	1,410,600
	North Peninsula	5,600	245,300	37,300	16,000	82,800	387,000
	<u>Aleutians</u>	<u>0</u>	<u>1,000</u>	<u>0</u>	<u>63,500</u>	<u>700</u>	<u>65,200</u>
	Total	7,000	852,500	43,600	381,800	577,900	1,862,800
1967	South Peninsula	1,600	294,100	2,900	77,800	245,200	621,600
	North Peninsula	5,500	224,700	46,800	700	41,300	319,000
	<u>Aleutians</u>	<u>0</u>	<u>200</u>	<u>0</u>	<u>7,900</u>	<u>0</u>	<u>8,100</u>
	Total	7,100	519,000	49,700	86,400	286,500	948,700
1968	South Peninsula	1,400	699,800	31,100	1,287,100	325,300	2,344,700
	North Peninsula	4,500	237,100	64,900	200	73,500	380,200
	<u>Aleutians</u>	<u>0</u>	<u>2,000</u>	<u>100</u>	<u>902,800</u>	<u>800</u>	<u>905,700</u>
	Total	5,900	938,900	96,100	2,190,100	399,600	3,630,600
1969	South Peninsula	1,900	912,800	10,900	1,219,400	389,200	2,534,200
	North Peninsula	4,800	321,300	49,100	100	28,100	403,400
	<u>Aleutians</u>	<u>0</u>	<u>1,900</u>	<u>0</u>	<u>242,200</u>	<u>1,500</u>	<u>245,600</u>
	Total	6,700	1,236,000	60,000	1,461,700	418,800	3,183,200
1970	South Peninsula	1,806	1,779,525	32,571	1,737,985	993,349	4,545,236
	North Peninsula	3,832	187,793	26,327	7,904	47,989	273,845
	<u>Aleutians</u>	<u>6</u>	<u>208</u>	<u>135</u>	<u>644,121</u>	<u>3,029</u>	<u>647,499</u>
	Total	5,644	1,967,526	59,033	2,390,010	1,044,367	5,466,580
1971	South Peninsula	2,174	716,087	16,907	1,445,031	1,365,957	3,546,156
	North Peninsula	2,187	353,784	8,222	297	64,154	428,644
	<u>Aleutians</u>	<u>0</u>	<u>333</u>	<u>2</u>	<u>45,114</u>	<u>58</u>	<u>45,507</u>
	Total	4,361	1,070,204	25,131	1,490,442	1,430,169	4,020,307
1972	South Peninsula	1,332	557,422	8,021	78,221	731,814	1,376,810
	North Peninsula	1,790	179,325	9,684	129	84,687	275,615
	<u>Aleutians</u>	<u>0</u>	<u>69</u>	<u>1</u>	<u>2,784</u>	<u>6</u>	<u>2,860</u>
	Total	3,122	736,816	17,706	81,134	816,507	1,655,285
1973	South Peninsula	415	330,091	6,599	58,051	292,943	688,099
	North Peninsula	2,627	165,390	19,776	143	152,773	340,709
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,042</u>	<u>0</u>	<u>2,042</u>
	Total	3,042	495,481	26,375	60,236	445,716	1,030,850
1974	South Peninsula	581	197,153	9,366	100,601	71,826	379,527
	North Peninsula	2,720	246,209	16,799	10,599	34,417	310,744
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	3,301	443,362	26,165	111,200	106,243	690,271

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1975	South Peninsula	117	243,548	67	60,642	130,750	435,124
	North Peninsula	2,093	233,293	28,355	295	8,770	272,806
	<u>Aleutians</u>	<u>0</u>	<u>19,402</u>	<u>0</u>	<u>659</u>	<u>1,881</u>	<u>21,942</u>
	Total	2,210	496,243	28,422	61,596	141,401	729,872
1976	South Peninsula	2,196	375,027	216	2,366,833	532,503	3,276,775
	North Peninsula	4,953	641,134	26,061	672	73,589	746,409
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	7,149	1,016,161	26,277	2,367,505	606,092	4,023,184
1977	South Peninsula	559	311,722	2,108	1,448,648	243,167	2,006,204
	North Peninsula	5,489	472,006	34,137	888	129,168	641,688
	<u>Aleutians</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	6,048	783,728	36,245	1,449,536	372,335	2,647,892
1978	South Peninsula	773	579,411	60,774	5,590,145	546,182	6,777,285
	North Peninsula	14,258	896,616	63,341	485,224	163,804	1,623,243
	<u>Aleutians</u>	<u>0</u>	<u>1,829</u>	<u>0</u>	<u>38,109</u>	<u>6</u>	<u>39,944</u>
	Total	15,031	1,477,856	124,115	6,113,478	709,992	8,440,472
1979	South Peninsula	2,141	1,149,927	356,867	6,564,914	482,930	8,556,779
	North Peninsula	17,107	1,979,167	112,835	4,994	65,711	2,179,814
	<u>Aleutians</u>	<u>0</u>	<u>12,206</u>	<u>0</u>	<u>539,393</u>	<u>242</u>	<u>551,841</u>
	Total	19,248	3,141,300	469,702	7,109,301	548,883	11,288,434
1980	South Peninsula	4,794	3,613,025	274,181	7,861,470	1,353,112	13,106,582
	North Peninsula	16,805	1,397,119	127,878	301,672	700,197	2,543,671
	<u>Aleutians</u>	<u>2</u>	<u>9,226</u>	<u>2</u>	<u>2,597,461</u>	<u>4,874</u>	<u>2,611,565</u>
	Total	21,601	5,019,370	402,061	10,760,603	2,058,183	18,261,818
1981	South Peninsula	11,182	2,241,513	162,223	5,033,028	1,768,475	9,216,421
	North Peninsula	18,875	1,844,335	155,420	11,217	706,818	2,736,665
	<u>Aleutians</u>	<u>16</u>	<u>5,430</u>	<u>188</u>	<u>302,786</u>	<u>6,553</u>	<u>314,973</u>
	Total	30,073	4,091,278	317,831	5,347,031	2,481,846	12,268,059
1982	South Peninsula	9,845	2,345,981	256,046	6,734,905	2,272,495	11,619,272
	North Peninsula	30,113	1,435,280	238,016	12,321	331,133	2,046,863
	<u>Aleutians</u>	<u>0</u>	<u>2,672</u>	<u>28</u>	<u>1,447,818</u>	<u>6,148</u>	<u>1,456,666</u>
	Total	39,958	3,783,933	494,090	8,195,044	2,609,776	15,122,801
1983	South Peninsula	26,571	2,556,557	127,657	2,827,622	1,704,072	7,242,479
	North Peninsula	29,479	2,093,374	75,138	3,404	348,722	2,550,117
	<u>Aleutians</u>	<u>0</u>	<u>4,405</u>	<u>0</u>	<u>2,005</u>	<u>11,361</u>	<u>17,771</u>
	Total	56,050	4,654,336	202,795	2,833,031	2,064,155	9,810,367

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1984 ^b	South Peninsula	9,198	2,318,028	310,950	11,589,258	1,654,622	15,882,056
	North Peninsula	22,966	1,734,856	198,582	27,419	796,728	2,780,551
	<u>Aleutians</u>	<u>26</u>	<u>67,163</u>	<u>1,923</u>	<u>2,309,665</u>	<u>32,025</u>	<u>2,410,802</u>
	Total	32,190	4,120,047	511,455	13,926,342	2,483,375	21,073,409
985	South Peninsula	6,642	2,144,416	172,514	4,431,016	1,348,726	8,103,314
	North Peninsula	23,528	2,596,081	176,118	3,054	666,631	3,465,412
	<u>Aleutians</u>	<u>40</u>	<u>2,750</u>	<u>0</u>	<u>90</u>	<u>14,175</u>	<u>17,055</u>
	Total	30,210	4,743,247	348,632	4,434,160	2,029,532	11,585,781
986	South Peninsula	5,589	1,223,089	235,854	4,031,487	1,749,651	7,245,670
	North Peninsula	11,740	2,463,735	164,071	22,630	271,216	2,933,392
	<u>Aleutians</u>	<u>11</u>	<u>7,702</u>	<u>60</u>	<u>42,621</u>	<u>38,819</u>	<u>89,213</u>
	Total	17,340	3,694,526	399,985	4,096,738	2,059,686	10,268,275
987	South Peninsula	9,174	1,449,753	225,120	1,208,556	1,376,887	4,268,490
	North Peninsula	14,186	1,209,435	171,784	3,486	368,696	1,767,587
	<u>Aleutians</u>	<u>0</u>	<u>75</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>75</u>
	Total	23,360	2,659,263	396,904	1,212,042	1,744,583	6,036,152
988	South Peninsula	11,075	1,473,651	505,533	7,044,824	1,908,507	10,943,590
	North Peninsula	16,805	1,528,116	233,966	65,242	393,077	2,237,206
	<u>Aleutians</u>	<u>0</u>	<u>4,315</u>	<u>7</u>	<u>183,109</u>	<u>450</u>	<u>187,881</u>
	Total	27,880	3,006,082	739,506	7,293,175	2,302,034	13,368,677
989	South Peninsula	7,009	2,659,101	441,397	7,289,130	993,492	11,390,129
	North Peninsula	10,948	1,718,716	227,551	4,103	157,177	2,118,495
	<u>Aleutians</u>	<u>0</u>	<u>8,248</u>	<u>0</u>	<u>6,700</u>	<u>0</u>	<u>14,948</u>
	Total	18,013	4,387,764	671,394	7,303,461	1,151,408	13,532,040
990	South Peninsula	16,497	2,385,560	305,510	2,861,283	1,234,679	6,803,529
	North Peninsula	12,320	2,416,047	192,978	517,724	126,113	3,265,182
	<u>Aleutians</u>	<u>2</u>	<u>12,435</u>	<u>74</u>	<u>282,823</u>	<u>1,038</u>	<u>296,372</u>
	Total	28,844	4,815,326	500,270	3,666,403	1,364,977	10,375,820
991	South Peninsula	7,510	2,304,531	313,223	10,596,596	1,573,773	14,795,633
	North Peninsula	9,372	2,391,411	218,274	4,249	191,283	2,814,589
	<u>Aleutians</u>	<u>0</u>	<u>796</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>796</u>
	Total	17,347	4,712,149	535,403	10,621,005	1,780,078	17,665,982
992	South Peninsula	7,933	3,438,875	414,948	9,759,657	1,310,337	14,931,750
	North Peninsula	13,144	3,575,511	206,813	194,395	341,616	4,331,479
	Aleutians	0	3,082	0	312,072	1,230	316,384
	<u>Atka-Amlia</u>	<u>0</u>	<u>231</u>	<u>42</u>	<u>7,972</u>	<u>308</u>	<u>8,553</u>
	Total	21,077	7,017,699	621,803	10,274,096	1,653,491	19,588,166

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1993	South Peninsula	14,083	3,682,604	215,256	9,925,123	1,046,407	14,883,473
	North Peninsula	23,585	3,866,593	64,376	5,328	134,960	4,094,842
	Aleutians	0	0	0	0	0	0
	<u>Atka-Amlia</u>	<u>0</u>	<u>24</u>	<u>4</u>	<u>145</u>	<u>563</u>	<u>736</u>
	Total	37,668	7,549,221	279,636	9,930,596	1,181,930	18,979,051
1994	South Peninsula	9,474	2,091,009	251,686	9,143,703	2,178,910	13,674,782
	North Peninsula	18,646	2,752,909	241,249	225,386	83,793	3,321,983
	Aleutians	0	47	6	858,787	617	859,457
	<u>Atka-Amlia</u>	<u>0</u>	<u>16</u>	<u>0</u>	<u>896</u>	<u>0</u>	<u>912</u>
	Total	28,120	4,843,981	492,941	10,228,772	2,263,320	17,857,134
1995	South Peninsula	17,078	2,996,353	260,686	16,302,593	1,715,067	21,291,777
	North Peninsula	7,571	3,272,758	135,639	12,171	99,294	3,527,433
	Aleutians	0	0	0	0	0	0
	<u>Atka-Amlia</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	24,649	6,269,111	396,325	16,314,764	1,814,361	24,819,210
1996	South Peninsula	5,071	1,528,587	278,191	2,187,239	775,057	4,774,145
	North Peninsula	4,941	1,911,126	157,313	53,842	67,956	2,195,178
	Aleutians	0	0	0	0	0	0
	<u>Atka-Amlia</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>20</u>	<u>0</u>	<u>20</u>
	Total	10,012	3,439,713	435,504	2,241,101	843,013	6,969,343
1997	South Peninsula	7,163	2,258,189	112,432	2,303,926	606,254	5,287,964
	North Peninsula	10,384	2,151,010	94,776	50,701	97,380	2,404,251
	Aleutians	0	0	0	0	0	0
	<u>Atka-Amlia</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	17,547	4,409,199	207,208	2,354,627	703,634	7,692,215
1998	South Peninsula	4,796	2,170,803	154,170	8,040,681	711,526	11,081,976
	North Peninsula	5,928	1,087,552	134,724	34,810	69,516	1,332,530
	Aleutians	0	0	0	0	0	0
	<u>Atka-Amlia</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	10,724	3,258,355	288,894	8,075,491	781,042	12,414,506
1999	South Peninsula	4,815	2,948,267	192,485	8,443,343	816,966	12,405,876
	North Peninsula	4,886	1,783,804	53,907	4,367	50,120	1,897,084
	Aleutians	0	0	0	0	0	0
	<u>Atka-Amlia</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	9,701	4,732,071	246,392	8,447,710	867,086	14,302,960

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Year		Chinook	Sockeye	Coho	Pink	Chum	Total
2000	South Peninsula	5,104	1,984,576	257,146	3,549,545	1,055,316	6,851,687
	North Peninsula	3,904	1,968,882	83,655	34,373	93,696	2,184,510
	Aleutians	1	0	59	256,050	0	256,110
	<u>Atka-Amlia</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	9,009	3,953,458	340,860	3,839,968	1,149,012	9,292,307
1991- 2000 Avg.	South Peninsula	8,343	2,544,452	245,641	7,940,318	1,180,276	11,919,030
	North Peninsula	10,236	2,476,156	139,073	61,962	122,961	2,810,388
	Aleutians	0	393	7	142,691	185	143,276
	<u>Atka-Amlia</u>	<u>0</u>	<u>27</u>	<u>5</u>	<u>903</u>	<u>87</u>	<u>1,022</u>
	Total	18,579	5,021,028	384,726	8,145,874	1,303,509	14,873,716
2001	South Peninsula	2,302	606,680	209,146	3,782,287	874,779	5,475,194
	North Peninsula	4,411	1,147,018	22,161	12,469	168,296	1,354,355
	Aleutians	0	0	0	0	0	0
	<u>Atka-Amlia</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	Total	6,713	1,753,698	231,307	3,794,756	1,043,075	6,829,549

^a Does not include test fish catches.

^b During June 18, 1984 fishers harvested 23 chinook, 63,929 sockeye, 1,900 coho, 18,950 pink, and 8,409 chum salmon in Unimak Pass. Unimak Pass was defined as closed to commercial salmon fishing under the Alaska Peninsula portion of the finfish regulations but open to commercial salmon fishing under the Aleutian Islands portion of the finfish regulation book. After 1984, regulations were passed by the Alaska Board of Fisheries closing the Unimak Pass area to commercial salmon fishing until at least July 10. Harvest numbers include test fish catches.

Appendix B.2. Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Management Areas commercial salmon harvest in numbers of fish by statistical area, section, and district, 2001

Statistical Area	Section	Number of Salmon ^a					Total
		Chinook	Sockeye	Coho	Pink	Chum	
SOUTH PENINSULA							
SOUTHEASTERN DISTRICT							
281-15	Bluff Point	11	2,134	219	13,206	2,670	18,240
281-25	Island & Fox Bays	<u>115</u>	<u>132,894</u>	<u>15,689</u>	<u>169,289</u>	<u>49,077</u>	<u>367,064</u>
East Stepovak Section Total		126	135,028	15,908	182,495	51,747	385,304
281-30 Stepovak Flats Section		7	417	10	345	4,308	5,087
281-40	Grub Gulch/Clark Bay	12	16,451	445	42,389	16,804	76,101
281-50	Orzinski Bay	1	8,736	17	1,426	1,680	11,860
281-55	American Bay	7	15,113	1,309	29,249	6,419	52,097
281-62	Chichagof & Windbound Bays	5	7,804	225	109,306	9,300	126,640
281-65	Suzy Creek- West Cove	10	6,715	142	6,891	2,867	16,625
<u>281-67</u>	<u>Dorenoi Bay</u>	<u>0</u>	<u>17</u>	<u>1</u>	<u>15,410</u>	<u>1,723</u>	<u>17,151</u>
Northwest Stepovak Section Total		35	54,836	2,139	204,671	38,793	300,474
281-70 Southwest Stepovak Section		99	60,451	8,630	156,257	40,008	265,445
281-80 Balboa Bay Section		67	23,363	4,074	275,774	50,087	353,365
281-90 Beaver Bay Section		0	403	18	161,186	3,926	165,533
282-10	Popof Strait/Squaw Harbor	4	5,668	829	126,410	5,950	138,861
282-11	Unga Cape/East Popof	1,745	82,525	134,062	743,244	92,585	1,054,161
282-20	Acheredin Bay	0	3,935	54	6,812	3,715	14,516
282-25	West Unga Island	5	10,094	899	10,804	7,197	28,999
282-32	Outer Zachary Bay	0	0	0	5,046	1,078	6,124
282-35	Inner Zachary Bay	0	136	34	41,296	7,971	49,437
282-40	East Head/West Head	0	243	38	1,561	360	2,202
282-42	Korovin Island	11	13,531	6,661	44,437	9,935	74,575
282-65	Southeast Nagai Island	5	2,137	1,146	7,797	1,103	12,188
282-70	Southwest Nagai Island	28	8,276	799	25,384	10,173	44,660
282-75	Cape Horn/Porpoise Rocks	5	2,963	47	3,988	2,159	9,162
<u>282-80</u>	<u>East Nagai Strait</u>	<u>0</u>	<u>28</u>	<u>3</u>	<u>58</u>	<u>0</u>	<u>89</u>
Shumagin Islands Section Total		1,803	129,536	144,572	1,016,837	142,226	1,434,974
SOUTHEASTERN DISTRICT TOTAL		2,137	404,034	175,351	1,997,565	331,095	2,910,182

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Statistical Area	Section	Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
SOUTH CENTRAL DISTRICT							
283-15	Mino Cr. - McGinty Pt.	0	7	0	39,708	2,465	42,180
<u>283-17</u>	<u>Coal Bay/Cape Tolstoi South</u>	<u>0</u>	<u>757</u>	<u>81</u>	<u>222,754</u>	<u>2,928</u>	<u>226,520</u>
Mino Cr. - Little Coal B. Section Total		0	764	81	262,462	5,393	268,700
283-21	Northside Cape Tolstoi	1	76	0	2,008	136	2,221
<u>283-23</u>	<u>Eastside Pavlof Bay</u>	<u>1</u>	<u>12</u>	<u>1</u>	<u>168,118</u>	<u>7,566</u>	<u>175,698</u>
East Pavlof Bay Section Total		2	88	1	170,126	7,702	177,919
283-24	Canoe Bay Section	4	149	24	241,528	96,263	337,968
283-25	Northwest Pavlof Bay	0	9	0	1,126	5,581	6,716
<u>283-26</u>	<u>Long Beach/Ukolnoi</u>	<u>1</u>	<u>2,636</u>	<u>85</u>	<u>20,253</u>	<u>6,325</u>	<u>29,300</u>
West Pavlof Bay Section Total		1	2,645	85	21,379	11,906	36,016
SOUTH CENTRAL DISTRICT TOTAL		7	3,646	191	695,495	121,264	820,603
SOUTHWESTERN DISTRICT							
284-36	Volcano Bay	1	340	267	43,028	154,314	197,950
284-37	Northside Dolgoi Island	2	15,913	2,174	83,207	17,698	118,994
284-38	South Dolgoi/Moss Cape	0	3,839	179	75,337	3,660	83,015
<u>284-39</u>	<u>Poperechnoi Island</u>	<u>0</u>	<u>1,001</u>	<u>1,288</u>	<u>5,905</u>	<u>722</u>	<u>8,916</u>
Volcano Bay Section Total		3	21,093	3,908	207,477	176,394	408,875
284-42	Belkofski Bay	2	12,866	149	280,984	63,613	357,614
<u>284-45</u>	<u>King Cove</u>	<u>0</u>	<u>2,778</u>	<u>257</u>	<u>115,471</u>	<u>13,352</u>	<u>131,858</u>
Belkofski Bay Section Total		2	15,644	406	396,455	76,965	489,472
284-55	Deer Island Section	0	67	15	392,245	3,117	395,444
284-62	Outer Cold Bay	0	2,254	0	1,531	1,485	5,270
284-65	Lenard Harbor	0	49	0	28,733	65,008	93,790
284-67	Inner Cold Bay	0	276	0	48	11,031	11,355

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Appendix B.2. (page 3 of 5)

Statistical Area Section		Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
Cold Bay Section Total		0	2,579	0	30,312	77,524	110,415
284-75	Thin Point Section	0	17,581	521	12,536	13,552	44,190
284-80	Morzhovoi Bay Section	0	1,619	0	2,775	15,022	19,416
284-90	Ikatan Bay Section	98	92,007	28,745	43,750	42,861	207,461
<i>SOUTHWESTERN DISTRICT TOTAL</i>		103	150,590	33,595	1,085,550	405,435	1,675,273
<i>UNIMAK DISTRICT</i>							
285-10	Sanak Island Section	0	389	9	40	15	453
285-20	Bird Island	2	10,569	0	820	3,124	14,515
285-30	Cape Lazaref	20	23,409	0	2,005	8,305	33,739
Otter Cove Section Total		22	33,978	0	2,825	11,429	48,254
285-40	Cape Lutke Section	33	14,043	0	812	5,541	20,429
<i>UNIMAK DISTRICT TOTAL</i>		55	48,410	9	3,677	16,985	69,136
SOUTH PENINSULA TOTAL		2,302	606,680	209,146	3,782,287	874,779	5,475,194
ALEUTIAN ISLANDS AREA (no fishery)		0	0	0	0	0	0
ATKA-AMLIA ISLANDS AREA (no fishery)		0	0	0	0	0	0

-Continued-

Statistical Area	Section	Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
NORTH PENINSULA							
<i>NORTHWESTERN DISTRICT</i>							
311-32	Urilia Bay Section	19	34,980	0	167	6,873	42,039
311-52	Swanson Lagoon Section	10	5,113	0	385	2,155	7,663
311-60	Bechevin Bay Section	0	381	0	2,966	29,779	33,126
311-58	Cape Krenitzin to C. Glazenap	0	4,160	22	615	2,570	7,367
312-20	Izembek Lagoon	0	2,497	0	0	872	3,369
312-40	Moffet Lagoon	0	3,601	0	24	64,750	68,375
Izembek-Moffet Bay Section Total		0	10,258	22	639	68,192	79,111
<i>NORTHWESTERN DISTRICT TOTAL</i>		29	50,732	22	4,157	106,999	161,939
<i>NORTHERN DISTRICT</i>							
313-10	Black Hills Section	266	16,263	86	785	8,054	25,454
313-30	Nelson Lagoon Section	2,164	174,363	2,918	63	5,343	184,851
314-20	Herendeen-Moller B. Section	0	8	0	2	13,514	13,524
314-12	Port Moller Bight Section	0	1,967	42	4	4	2,017
315-11	Bear River	962	466,223	7,531	3,431	15,387	493,534
315-20	Muddy River	1	61,061	2,500	489	1,099	65,150
Bear River Section Total		963	527,284	10,031	3,920	16,486	558,684
316-10	Three Hills Section	178	165,878	3,135	1,180	6,877	177,248

-Continued-

Appendix B.2. (page 5 of 5)

Statistical Area	Section	Number of Salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
316-20	Outside Ilnik	234	197,145	4,473	2,147	10,732	214,731
<u>316-25</u>	<u>Strogonof Point</u>	<u>4</u>	<u>7,896</u>	<u>15</u>	<u>211</u>	<u>278</u>	<u>8,404</u>
Ilnik Section Total		238	205,041	4,488	2,358	11,010	223,135
318-20	Cinder River Section	573	5,482	1,439	0	9	7,503
NORTHERN DISTRICT TOTAL		4,382	1,096,286	22,139	8,312	61,297	1,192,416
NORTH PENINSULA TOTAL		4,411	1,147,018	22,161	12,469	168,296	1,354,355
ALASKA PENINSULA AREA TOTAL		6,713	1,753,698	231,307	3,794,756	1,043,075	6,829,549
ALASKA PENINSULA, ALEUTIAN ISLANDS, AND ATKA-AMLIA ISLANDS AREAS TOTAL		6,713	1,753,698	231,307	3,794,756	1,043,075	6,829,549

^a Harvest numbers do not include test fish catches.

Appendix B.3. Alaska Peninsula and Aleutian Islands Areas commercial salmon harvest by gear, species, and estimated value, 2001.

	Chinook		Sockeye		Coho		Pink		Chum		Total	
	Number of fish	Est. Value \$	Number of fish	Est. Value \$	Number of fish	Est. Value \$	Number of fish	Est. Value \$	Number of fish	Est. Value \$	Number	Est. Value \$
Area M												
Seine	1,955	4,657	173,842	522,000	148,946	144,000	3,433,518	1,143,050	777,844	605,966	4,536,105	2,419,673
Drift Gillnet	2,464	9,351	1,120,123	3,267,000	47,845	55,140	37,488	10,984	106,747	77,292	1,314,667	3,419,767
Set Gillnet	2,294	9,735	459,733	1,533,700	33,836	37,576	323,750	105,213	158,475	117,091	978,088	1,803,315
Total	6,713	23,743	1,753,698	5,322,700	230,627	236,716	3,794,756	1,259,247	1,043,066	800,349	6,828,860	7,642,755
Area T												
Drift Gillnet	0	0	0	0	664	930	0	0	9	8	673	938
Set Gillnet	0	0	0	0	16	24	0	0	0	0	16	24
Total	0	0	0	0	680	954	0	0	9	8	689	962
Grand Total												
Seine	1,955	4,657	173,842	522,000	148,946	144,000	3,433,518	1,143,050	777,844	605,966	4,536,105	2,419,673
Drift Gillnet	2,464	9,351	1,120,123	3,267,000	48,509	56,070	37,488	10,984	106,756	77,300	1,315,340	3,420,705
Set Gillnet	2,294	9,735	459,733	1,533,700	33,852	37,600	323,750	105,213	158,475	117,091	978,104	1,803,339
Total	6,713	23,743	1,753,698	5,322,700	231,307	237,670	3,794,756	1,259,247	1,043,075	800,357	6,829,549	7,643,717

Note: Figures do not include test fish catches, bonuses, or RSW adjustments.

Appendix B.4. Alaska Peninsula Area salmon test fish catches.

Year	Number of Salmon						
	Chinook	Sockeye	Coho	Pink	Chum	Total	
1989	Shumagin Islands	<u>56</u>	<u>1,699</u>	<u>2,446</u>	<u>3,528</u>	<u>739</u>	<u>8,468</u>
	Total South Peninsula	56	1,699	2,446	0	739	4,940
	North Peninsula	6	638	0	0	97	741
	Alaska Peninsula Area Total	62	2,337	2,446	3,528	836	9,209
1990	Shumagin Islands	<u>25</u>	<u>1,284</u>	<u>1,708</u>	<u>4,573</u>	<u>3,147</u>	<u>10,737</u>
	Total South Peninsula	25	1,284	1,708	4,573	3,147	10,737
	Alaska Peninsula Area Total	25	1,284	1,708	4,573	3,147	10,737
1991	Shumagin Islands	465	15,034	3,906	20,160	14,716	54,281
	South Unimak	<u>0</u>	<u>377</u>	<u>0</u>	<u>0</u>	<u>306</u>	<u>683</u>
	Total South Peninsula	465	15,411	3,906	20,160	15,022	54,964
	Alaska Peninsula Area Total	465	15,411	3,906	20,160	15,022	54,964
1992	Shumagin Islands	<u>93</u>	<u>7,039</u>	<u>3,284</u>	<u>10,729</u>	<u>6,372</u>	<u>27,517</u>
	Total South Peninsula	93	7,039	3,284	10,729	6,372	27,517
	Alaska Peninsula Area Total	93	7,039	3,284	10,729	6,372	27,517
1993	Shumagin Islands	<u>330</u>	<u>6,470</u>	<u>4,892</u>	<u>2,984</u>	<u>1,850</u>	<u>16,526</u>
	Total South Peninsula	330	6,470	4,892	2,984	1,850	16,526
	Alaska Peninsula Area Total	330	6,470	4,892	2,984	1,850	16,526
1994	Shumagin Islands	<u>528</u>	<u>16,224</u>	<u>4,219</u>	<u>36,150</u>	<u>13,169</u>	<u>70,290</u>
	Total South Peninsula	528	16,224	4,219	36,150	13,169	70,290
	Alaska Peninsula Area Total	528	16,224	4,219	36,150	13,169	70,290
1995	Shumagin Islands	290	13,410	3,660	9,072	10,005	36,437
	South Unimak	<u>101</u>	<u>7,239</u>	<u>1</u>	<u>105</u>	<u>2,941</u>	<u>10,387</u>
	Total South Peninsula	391	20,649	3,661	9,177	12,946	46,824
	Alaska Peninsula Area Total	391	20,649	3,661	9,177	12,946	46,824
1996	Shumagin Islands	375	9,049	15,183	15,261	14,372	54,240
	South Unimak	<u>80</u>	<u>6,055</u>	<u>0</u>	<u>2,594</u>	<u>4,250</u>	<u>12,979</u>
	Total South Peninsula	455	15,104	15,183	17,855	18,622	67,219
	Alaska Peninsula Area Total	455	15,104	15,183	17,855	18,622	67,219
1997	Shumagin Islands	429	11,226	3,594	8,158	10,407	33,814
	South Unimak	<u>188</u>	<u>11,224</u>	<u>3</u>	<u>3,976</u>	<u>10,682</u>	<u>26,073</u>
	Total South Peninsula	617	22,450	3,597	12,134	21,089	59,887
	Alaska Peninsula Area Total	617	22,450	3,597	12,134	21,089	59,887
1998	Shumagin Islands	28	4,581	24	2,093	3,257	9,983
	South Unimak	<u>95</u>	<u>8,392</u>	<u>0</u>	<u>5,224</u>	<u>6,285</u>	<u>19,996</u>
	Total South Peninsula	123	12,973	24	7,317	9,542	29,979
	Alaska Peninsula Area Total	123	12,973	24	7,317	9,542	29,979

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Appendix B.4. (page 2 of 2)

Year	Number of Salmon					
	Chinook	Sockeye	Coho	Pink	Chum	Total
1999						
Shumagin Islands	119	33,513	18	13,045	19,808	66,503
South Unimak	<u>140</u>	<u>10,039</u>	<u>0</u>	<u>61</u>	<u>3,256</u>	<u>13,496</u>
Total South Peninsula	140	10,039	0	61	3,256	13,496
Alaska Peninsula Area Total	140	10,039	0	61	3,256	13,496
2000						
Shumagin Islands	65	9,225	99	5,385	5,790	20,564
South Unimak	<u>276</u>	<u>12,686</u>	<u>0</u>	<u>7,936</u>	<u>5,547</u>	<u>26,445</u>
Total South Peninsula	341	21,911	99	13,321	11,337	47,009
North Peninsula	0	1,482	1	2	4	1,489
Alaska Peninsula Area Total	341	23,393	100	13,323	11,341	48,498
2001						
Shumagin Islands	318	6,324	3,353	9,324	11,028	30,347
Total South Peninsula	318	6,324	3,353	9,324	11,028	30,347
North Peninsula	13	4,363	2	10	62	4,450
Alaska Peninsula Area Total	331	10,687	3,355	9,334	11,090	34,797

Appendix C.1. Estimated subsistence salmon harvest by community and species, in number of fish, Alaska Peninsula Management Area and Unalaska Island, 1985-2001.

Year	Permits Issued	Chinook	Sockeye	Coho	Pink	Chum	Total
SAND POINT							
1985	60	30	1,410	1,686	420	1,146	4,692
1986	75	45	2,505	1,208	1,560	1,005	6,323
1987	84	87	2,018	1,508	1,160	1,114	5,887
1988	74	146	2,694	853	1,326	1,175	6,194
1989	86	53	6,347	1,050	731	1,149	9,330
1990	80	160	5,648	620	429	1,051	7,908
1991	84	420	6,636	1,092	1,260	2,772	12,180
1992	76	318	4,733	518	1,228	1,036	7,833
1993	76	446	6,435	952	671	996	9,500
1994	92	454	5,838	1,890	1,369	3,100	12,651
1995	73	271	5,993	983	1,597	1,274	10,118
1996	80	200	5,269	1,813	1,843	1,724	10,849
1997	67	315	7,043	788	1,953	1,663	11,762
1998	59	224	4,383	1,040	920	868	7,435
1999	52	254	4,907	442	898	1,053	7,554
2000	61	184	4,488	704	734	979	7,089
1996-2000 AVG	64	235	5,218	957	1,270	1,257	8,937
2001	61	191	4,653	880	827	1,500	8,051
KING COVE							
1985	39	0	784	3,292	105	20	4,201
1986	24	2	1,834	919	14	120	2,889
1987	39	3	2,320	1,662	206	334	4,525
1988	28	3	555	2,855	265	43	3,721
1989	39	3	1,982	1,973	294	690	4,942
1990	43	24	1,054	2,832	265	367	4,542
1991	60	0	1,477	3,611	225	386	5,699
1992	61	9	1,452	2,891	327	1,177	5,856
1993	59	33	2,021	3,868	259	625	6,865
1994	48	43	2,249	3,247	370	679	6,588
1995	66	46	3,300	3,080	534	1,177	8,137
1996	65	47	4,236	4,354	578	690	9,905
1997	58	29	3,048	3,226	283	691	7,277
1998	54	4	1,795	3,995	620	44	6,458
1999	50	18	3,465	2,471	265	720	6,939
2000	51	13	2,344	3,545	193	365	6,460
1996-2000 AVG	56	22	2,976	3,518	388	502	7,408
2001	52	25	3,982	2,650	130	273	7,060
COLD BAY							
1985	10	0	293	84	34	3	414
1986	18	0	184	264	14	26	488
1987	10	0	293	84	34	3	414
1988	24	0	737	66	2	0	805
1989	18	0	231	55	4	22	312
1990	14	0	322	70	1	22	415
1991	23	0	517	30	6	4	557

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Year	Permits Issued	Chinook	Sockeye	Coho	Pink	Chum	Total
1992	15	0	336	38	0	0	374
1993	23	0	473	89	3	15	580
1994	16	0	325	88	4	3	420
1995	17	0	307	84	0	10	401
1996	15	15	280	0	0	6	301
1997	12	12	657	0	4	3	676
1998	17	8	433	19	8	4	472
1999	14	0	237	1	0	13	251
2000	16	0	553	50	1	26	630
1996-2000 AVG	15	7	482	14	3	10	466
2001	14	0	512	30	0	0	542
FALSE PASS							
1985	10	30	578	1,858	13	395	2,874
1986	12	13	158	215	188	299	873
1987	12	14	103	443	163	389	1,112
1988	10	11	401	834	29	192	1,467
1989	7	0	231	55	4	22	312
1990	9	1	170	193	19	79	462
1991	17	17	724	500	354	165	1,760
1992	12	12	1,082	502	242	248	2,086
1993	14	23	848	397	156	272	1,696
1994	14	36	906	318	347	354	1,961
1995	15	27	888	179	252	426	1,772
1996	15	23	605	1,028	128	248	2,032
1997	7	8	584	315	153	214	1,274
1998	7	14	586	58	208	245	1,111
1999	7	26	564	902	81	148	1,721
2000	6	0	186	960	20	104	1,270
1996-2000 AVG	8	14	419	653	118	192	1,396
2001	5	10	242	163	118	104	637
NELSON LAGOON/PORT MOLLER							
1985	9	5	207	252	2	0	466
1986	9	13	284	302	3	5	607
1987	10	22	245	254	5	14	540
1988	13	26	284	184	0	25	519
1989	9	21	250	227	0	11	509
1990	8	11	291	224	0	0	526
1991	8	20	370	139	1	4	534
1992	9	17	298	191	7	12	525
1993	11	16	561	230	9	26	842
1994	11	71	336	241	6	0	654
1995	10	63	450	429	0	0	942
1996	8	45	465	329	0	11	850
1997	8	16	287	147	5	36	491
1998	13	3	473	295	14	14	799
1999	10	4	389	58	4	0	455
2000	7	10	507	85	0	0	602
1996-2000 AVG	9	16	424	183	5	12	640
2001	6	22	392	46	0	6	466

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Year	Permits Issued	Chinook	Sockeye	Coho	Pink	Chum	Total
PORT HEIDEN							
1985	6	9	176	0	0	0	185
1986	4	28	282	0	0	0	310
1987	10	66	193	229	0	36	524
1988	10	69	268	134	23	105	599
1989	4	7	222	28	1	4	262
1990	3	21	107	20	0	27	175
1991	6	39	375	25	3	120	562
1992	3	21	104	10	0	25	160
1993	3	80	71	0	0	0	151
1994	2	24	196	0	0	50	270
1995	3	50	119	160	0	0	329
1996	4	22	221	51	0	1	295
1997	4	2	24	40	0	0	66
1998	3	26	100	100	0	0	226
1999	3	25	245	60	0	0	330
2000	3	6	0	21	0	0	27
1996-2000 AVG	3	16	118	54	0	0	188
2001	3	64	132	50	0	10	256
ALASKA PENINSULA AREA LOCAL COMMUNITY RESIDENTS							
1985	134	74	3,448	7,172	574	1,564	12,832
1986	142	101	5,247	2,908	1,779	1,455	11,490
1987	185	192	5,499	4,251	1,547	1,941	13,430
1988	159	255	4,939	4,926	1,645	1,540	13,305
1989	163	88	9,368	3,433	1,205	1,923	16,017
1990	166	217	7,592	3,959	714	1,546	14,028
1991	198	457	9,998	5,413	1,820	3,372	21,060
1992	176	377	8,005	4,150	1,804	2,498	16,834
1993	186	598	10,409	5,536	1,098	1,934	19,575
1994	183	628	9,850	5,784	2,096	4,186	22,544
1995	184	457	11,057	4,915	2,383	2,887	21,699
1996	187	352	11,076	7,575	2,549	2,680	24,232
1997	156	382	11,643	4,516	2,398	2,607	21,546
1998	153	279	7,770	5,507	1,770	1,175	16,501
1999	136	327	9,807	3,934	1,248	1,934	17,250
2000	144	213	8,078	5,365	948	1,474	16,078
1996-2000 AVG	155	311	9,675	5,979	1,783	1,974	19,122
2001	141	312	9,913	3,819	1,075	1,893	17,012
ALASKA PENINSULA AREA - RESIDENTS RESIDING OUTSIDE OF AREA							
1985	27	0	589	332	0	2	923
1986	5	0	149	88	0	0	237
1987	6	1	278	8	0	2	289
1988	24	2	562	720	21	152	1,457
1989	25	0	1,036	72	8	181	1,297
1990	35	29	996	70	22	43	1,160
1991	51	1	1,347	138	58	179	1,723
1992	53	8	2,734	117	36	76	2,971

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Year	Permits						Total
	Issued	Chinook	Sockeye	Coho	Pink	Chum	
1993	76	17	2,069	217	91	63	2,457
1994	73	46	2,034	302	110	220	2,712
1995	76	35	1,659	106	270	482	2,552
1996	47	10	1,100	168	20	48	1,346
1997	61	38	3,581	96	557	278	4,550
1998	80	128	5,150	313	516	151	6,258
1999	50	39	5,157	50	192	101	5,539
2000	34	19	1,846	69	36	84	2,054
1996-2000 AVG	54	47	3,357	139	254	132	3,949
2001	44	27	1,854	386	132	103	2,502
TOTAL ALASKA PENINSULA AREA							
1985	161	74	4,037	7,504	574	1,566	13,755
1986	147	101	5,396	2,996	1,779	1,455	11,727
1987	191	193	5,777	4,259	1,547	1,943	13,719
1988	183	257	5,501	5,646	1,666	1,692	14,762
1989	188	88	10,404	3,505	1,213	2,104	17,314
1990	201	246	8,588	4,029	736	1,589	15,188
1985-1990 AVG	179	160	6,617	4,657	1,253	1,725	14,411
1991	249	458	11,345	5,551	1,878	3,551	22,783
1992	229	385	10,739	4,267	1,840	2,574	19,805
1993	262	615	12,478	5,753	1,189	1,997	22,032
1994	256	674	11,884	6,086	2,206	4,406	25,256
1995	260	492	12,716	5,021	2,653	3,369	24,251
1996	234	362	12,176	7,743	2,569	2,728	25,578
1997	217	420	15,224	4,612	2,955	2,885	26,096
1998	233	407	12,920	5,820	2,286	1,326	22,759
1999	186	366	14,964	3,984	1,440	2,035	22,789
2000	178	232	9,924	5,434	984	1,558	18,132
1996-2000 AVG	210	357	12,042	5,519	2,047	2,106	23,071
2001	185	339	11,767	4,205	1,207	1,996	19,514
UNALASKA LOCAL COMMUNITY RESIDENTS							
1985	65	0	897	208	1,293	20	2,418
1986	121	0	3,449	847	2,468	375	7,139
1987	81	0	1,097	378	1,780	151	3,406
1988	74	1	962	390	2,626	83	4,062
1989	70	2	1,064	470	1,292	36	2,864
1990	94	4	2,357	681	1,428	100	4,570
1991	89	0	1,294	666	1,075	45	3,080
1992	144	7	2,739	587	1,723	11	5,067
1993	137	17	2,831	697	587	136	4,268
1994	150	1	2,759	774	1,053	48	4,635
1995	159	23	4,446	480	784	23	5,756
1996	189	5	1,107	1,033	492	49	2,686
1997	218	8	4,192	864	440	110	5,614
1998	206	4	3,317	731	729	26	4,807
1999	208	0	2,707	1,327	1,018	13	5,065
2000	205	7	3,073	569	315	24	3,988
1996-2000 AVG	205	5	2,879	805	599	44	4,432
2001	201	4	3,850	563	763	100	5,280

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Year	Permits Issued	Chinook	Sockeye	Coho	Pink	Chum	Total
UNALASKA - RESIDENTS RESIDING OUTSIDE OF UNALASKA DISTRICT							
1985	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0
1988	3	2	4	0	1	0	7
1989	4	0	48	0	0	0	48
1990	2	0	0	0	0	0	0
1991	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0
1993	2	0	0	0	0	0	0
1994	0	0	0	0	0	0	0
1995	1	0	38	4	7	0	49
1996	0	0	0	0	0	0	0
1997	3	0	0	0	114	0	114
1998	0	0	0	0	0	0	0
1999	3	0	0	0	0	0	0
2000	7	0	4	1	10	0	15
1996-2000 AVG	3	0	1	0	25	0	26
2001	2	0	0	0	0	0	0
TOTAL UNALASKA							
1985	65	0	897	208	1,293	20	2,418
1986	121	0	3,449	847	2,468	375	7,139
1987	81	0	1,097	378	1,780	151	3,406
1988	77	3	966	390	2,627	83	4,069
1989	74	2	1,112	470	1,292	36	2,912
1990	94	4	2,357	681	1,428	100	4,570
1991	89	0	1,294	666	1,075	45	3,080
1992	144	7	2,739	587	1,723	11	5,067
1993	139	17	2,831	697	587	136	4,268
1994	150	1	2,759	774	1,053	48	4,635
1995	160	23	4,484	484	791	23	5,805
1996	189	5	1,107	1,033	492	49	2,686
1997	221	8	4,192	864	554	110	5,728
1998	206	4	3,317	731	729	26	4,807
1999	211	0	2,707	1,327	1,018	13	5,065
2000	212	7	3,077	570	325	24	4,003
1996-2000 AVG	208	5	2,880	905	624	44	4,458
2001	203	4	3,850	563	763	100	5,280

Appendix C.2. Subsistence salmon harvest by community and species, in numbers of fish, 2001.

Community	Permits Issued	Permits Returned	Percent Returned	Estimated Harvest					Total
				Chinook	Sockeye	Coho	Pink	Chum	
Alaska Peninsula									
Sand Point	61	45	73.8	191	4,653	880	827	1,500	8,051
King Cove	52	45	86.5	25	3,982	2,650	130	273	7,060
Cold Bay	14	12	85.7	0	512	30	0	0	542
False Pass	5	4	80.0	10	242	163	118	104	637
Nelson Lagoon	6	3	50.0	22	392	46	0	6	466
Port Heiden	3	3	100.0	64	132	50	0	10	256
Total Alaska Peninsula Area Residents	141	112	79.4	312	9,913	3,819	1,075	1,893	17,012
Other Alaska Residents	44	34	77.3	27	1,854	386	132	103	2,502
Total Alaska Peninsula Area	185	146	78.9	339	11,767	4,205	1,207	1,996	19,514
Unalaska									
Local Residents	201	140	69.7	4	3,850	563	763	100	5,280
Other Alaska Residents	2	1	50.0	0	0	0	0	0	0
Total Unalaska	203	141	69.0	4	3,850	563	763	100	5,280
Adak^a	17	14	82.3	0	474	19	17	0	510

^a Most Adak subsistence fishermen are part year residents of Adak.

Appendix C.3. Adak-Kagalaska Islands estimated personal use salmon harvests, 1988-1997 and Adak District subsistence harvest, 1998-2001.

Year	Permits Issued	Permits Returned	Percent Returned	Estimated Catch					
				Chinook	Sockeye	Coho	Pink	Chum	Total
1988	43	29	67.4	0	503	23	150	0	676
1989	64	47	73.3	0	382	0	117	0	499
1990	61	29	47.5	0	800	47	41	0	888
1991	37	31	86.5	0	281	6	34	0	321
1992	52	41	78.8	0	572	30	4	0	606
1993	36	26	72.2	0	638	12	26	0	676
1994 ^a	0	0	0.0	0	0	0	0	0	0
1995	4	3	75.0	0	156	0	0	0	156
1996	6	6	100.0	0	91	0	0	0	91
1997 ^b	18	12	66.7	0	229	0	0	4	233
1988-93 Average									
	49	34	71.0	0	529	20	62	0	611
1995-96 Average									
	5	5	87.5	0	124	0	0	0	124
Subsistence									
1998	13	10	76.9	0	399	0	25	0	424
1999	5	5	100.0	0	164	4	0	0	168
2000	13	12	92.3	0	265	4	78	0	347
1998-2000 Average									
	10	9	90.0	0	276	3	34	0	313
2001	17	14	82.3	0	474	19	17	0	510

^a U.S. Navy presence at Adak was reduced; there were no requests for personal use salmon permits.

^b In 1997, a substantial number of civilians were hired by the Navy to work in a cleanup effort at Adak.

Appendix C.4. Average subsistence salmon harvest in numbers of fish and species, by successful permit holder, 2001.

Community	Estimated Successful Permits	Chinook	Sockeye	Coho	Pink	Chum	Total
Sand Point	53	4	88	17	16	28	153
King Cove	42	1	95	63	3	7	168
Cold Bay	12	0	44	2	0	0	46
False Pass	5	2	48	33	24	21	127
Nelson Lagoon	6	4	65	8	0	1	78
Port Heiden	2	32	66	25	0	5	128
Non Local AK. Residents Fishing AK. Pen. Area	32	1	60	14	5	3	83
Unalaska	125	0	31	5	6	1	42
Adak	12	0	40	2	1	0	43

Appendix C.5. Average subsistence salmon harvest by species, in percent, by successful permit holder, by community, Alaska Peninsula Area, Unalaska, and Adak, 2001.

Community	Chinook	Sockeye	Coho	Pink	Chum	Total
Sand Point	2.4	57.8	10.9	10.3	18.6	100.0
King Cove	0.4	56.4	37.5	1.8	3.9	100.0
Cold Bay	0.0	94.5	5.5	0.0	0.0	100.0
False Pass	1.6	38.0	25.6	18.5	16.3	100.0
Nelson Lagoon	4.7	84.1	9.9	0.0	1.3	100.0
Port Heiden	25.0	51.6	19.5	0.0	3.9	100.0
Unalaska	0.0	72.9	10.7	14.5	1.9	100.0
Non Local Ak. Residents	1.1	74.1	15.4	5.3	4.1	100.0
Adak	0.0	93.0	3.7	3.3	0.0	100.0

Appendix C.6. Mortensen's Lagoon subsistence and commercial sockeye and coho salmon harvests, in numbers of fish, 2001.

	Estimated Permits	Sockeye	Coho
Subsistence Harvest^a			
Cold Bay Residents	12	312	30
King Cove Residents	9	494	57
Out of Area Residents	5	112	0
Total subsistence harvest	26	918	87
Commercial Harvest^b			
	6	2,254	0
Subsistence & Commercial Harvest		3,172	87
Escapement		9,100	5,279

^a The number of subsistence salmon permit holders estimated to fishing at Mortensen's Lagoon and the estimated harvest are extrapolated from permit returns.

^b The commercial harvest includes all of statistical area 284-62 (formerly 283-32). Some of the salmon caught in area 284-62 may have been destined for systems other than Mortensen's Lagoon.

Appendix C.7. Thin Point Cove subsistence and commercial sockeye and coho salmon harvests, 2001.

Fishery	Estimated Permit Holders	Sockeye	Coho
Subsistence^a			
King Cove Residents	31	2,738	1,514
Out of Area Residents	2	222	240
Total Subsistence Harvest	33	2,960	1,754
Commercial ^b	13	17,581	521
Total Harvest		20,541	2,275
Escapement		47,900 ^c	28,000 ^d

^a The number of subsistence permit holders fishing Thin Point Cove and the number of subsistence salmon harvested are extrapolated from returned permits.

^b Commercial harvest information was from the fish ticket database and includes all of statistical area 284-75.

^c Estimated total escapement.

^d Peak escapement.

Appendix C.8. Lenard Harbor subsistence and commercial coho salmon harvests, 2001.

Fishery	Estimated Permit Holders	Coho
Subsistence ^a	6	457
Commercial	(No effort directed towards coho)	
Total Harvest		

^a The number of subsistence permits used at Lenard Harbor and the number of subsistence salmon harvested are extrapolated from returned permits.

A total of 1,300 coho salmon were estimated in Delta Creek during a September 26 aerial survey.

Appendix C.9. Estimated Unalaska Island subsistence sockeye and coho salmon harvest by major location, in number of fish, 2001.

Location	Estimated Permits ^a	Sockeye	Coho
Reese Bay	63	3,389	0
Broad Bay	19	0	344
Nateeken Bay	4	0	69
Captains Bay	6	0	75
Unalaska Creek Vicinity	9	241	0

^a The number of permit holders and salmon harvested are extrapolated from returned permits

Appendix C.10. Estimated Mortensen's Lagoon, Thin Point Cove, and Reese Bay subsistence salmon harvest, in number of fish, 1982-2001.

Year	Mortensen's Lagoon			Thin Point Cove			Reese (Wislow) Bay	
	Permits	Sockeye	Coho	Permits	Sockeye	Coho	Permits	Sockeye
1982	30	590	1,145	-	-	-	-	-
1983	41	300	1,600	-	-	-	-	-
1984	27	745	500	-	-	-	-	-
1985	22	590	831	-	-	-	23	669
1986	12	362	178	15	1,586	656	54	2,824
1987	22	604	254	15	1,226	966	20	806
1988	21	737	66	17	488	2,196	21	792
1989	19	420	28	17	1,479	1,239	12	436
1990	27	745	95	29	751	2,578	12	1,421
1991	42	1,144	83	27	913	3,154	35	1,180
1992	34	851	104	23	547	927	59	2,479
1993	54	1,596	148	37	1,511	3,184	37	1,425
1994	41	903	283	23	734	2,443	60	2,298
1995	63	1,940	175	17	1,307	1,348	82	3,985
1996	41	958	508	37	2,609	2,819	45	968
1997	36	1,440	200	14	746	1,271	121	3,945
1998	34	1,034	164	18	972	1,413	89	2,866
1999	16	443	269	21	2,135	1,123	72	2,091
2000	26	844	291	22	904	1,910	86	2,898
1996-2000 Average	31	944	286	22	1,473	1,707	83	2,554
2001	26	918	87	33	2,960	1,754	63	3,389

Appendix C.11. Adak District subsistence salmon harvest, in number of fish, 2001.

Permits Issued	17	
Number of Permits Returned	14	82.3%
Number of Returned Permits Reporting Catch	10	71.4%
Estimated Number of Permit Holders That Caught Salmon	12	

Average Catch Per Successful Permit Holder					
Chinook	Sockeye	Coho	Pink	Chum	Total
0	39.5	1.6	1.4	0	42.5

Total Harvest					
Chinook	Sockeye ^a	Coho	Pink	Chum	Total
0	474	19	17	0	510

^aIt is estimated that at least 203 sockeye salmon were harvested at Quail Bay on Kagalaska Island and at least 149 sockeye salmon were harvested at Galas Point, also on Kagalaska Island.

Appendix D.1. Alaska Peninsula Management Area indexed total salmon escapements by species and year, 1962-2001.

Year	Area	Chinook	Sockeye	Coho ^a	Pink	Chum
1962	South Peninsula	0	18,800	-	1,598,800	399,400
	<u>North Peninsula</u>	<u>4,400</u>	<u>351,200</u>	-	<u>4,000</u>	<u>150,900</u>
	Total	4,400	370,000	-	1,602,800	550,300
1963	South Peninsula	0	23,000	-	1,317,900	446,700
	<u>North Peninsula</u>	<u>6,200</u>	<u>351,000</u>	-	<u>4,400</u>	<u>203,200</u>
	Total	6,200	374,000	-	1,322,300	649,900
1964	South Peninsula	0	15,700	-	1,436,400	454,800
	<u>North Peninsula</u>	<u>25,900</u>	<u>419,900</u>	-	<u>15,100</u>	<u>156,100</u>
	Total	25,900	435,600	-	1,451,500	610,900
1965	South Peninsula	0	12,100	-	1,035,400	228,000
	<u>North Peninsula</u>	<u>22,100</u>	<u>238,400</u>	-	<u>900</u>	<u>49,300</u>
	Total	22,100	250,500	-	1,036,300	277,300
1966	South Peninsula	0	17,000	-	719,400	422,000
	<u>North Peninsula</u>	<u>8,200</u>	<u>283,300</u>	-	<u>2,000</u>	<u>149,000</u>
	Total	8,200	300,300	-	721,400	571,000
1967	South Peninsula	0	16,200	-	445,500	182,900
	<u>North Peninsula</u>	<u>12,200</u>	<u>299,700</u>	-	<u>700</u>	<u>122,600</u>
	Total	12,200	315,900	-	446,200	305,500
1968	South Peninsula	0	12,800	-	823,300	279,100
	<u>North Peninsula</u>	<u>15,800</u>	<u>251,300</u>	-	<u>26,500</u>	<u>250,800</u>
	Total	15,800	264,100	-	849,800	529,900
1969	South Peninsula	0	29,500	-	2,474,900	134,600
	<u>North Peninsula</u>	<u>19,500</u>	<u>575,000</u>	-	<u>4,400</u>	<u>146,800</u>
	Total	19,500	604,500	-	2,479,300	281,400
1970	South Peninsula	0	16,500	-	1,298,900	280,500
	<u>North Peninsula</u>	<u>8,300</u>	<u>451,500</u>	-	<u>11,100</u>	<u>169,800</u>
	Total	8,300	468,000	-	1,310,000	450,300
1971	South Peninsula	0	19,400	-	702,700	343,200
	<u>North Peninsula</u>	<u>5,200</u>	<u>435,100</u>	-	<u>8,600</u>	<u>109,400</u>
	Total	5,200	454,500	-	711,300	452,600
1972	South Peninsula	0	11,900	-	111,400	254,500
	<u>North Peninsula</u>	<u>5,000</u>	<u>190,200</u>	-	<u>1,300</u>	<u>124,000</u>
	Total	5,000	202,100	-	112,700	378,500

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Year	Area	Chinook	Sockeye	Coho ^a	Pink	Chum
1973	South Peninsula	0	7,300	-	110,800	505,500
	<u>North Peninsula</u>	<u>4,300</u>	<u>180,200</u>	=	<u>200</u>	<u>122,400</u>
	Total	4,300	187,500	-	111,000	627,900
1974	South Peninsula	0	95,600	-	284,400	257,300
	<u>North Peninsula</u>	<u>3,000</u>	<u>332,800</u>	=	<u>23,000</u>	<u>105,100</u>
	Total	3,000	428,400	-	307,400	362,400
1975	South Peninsula	0	51,700	-	552,100	193,300
	<u>North Peninsula</u>	<u>4,600</u>	<u>516,800</u>	=	<u>600</u>	<u>109,200</u>
	Total	4,600	568,500	-	552,700	302,500
1976	South Peninsula	0	69,700	-	1,456,400	327,200
	<u>North Peninsula</u>	<u>6,000</u>	<u>532,600</u>	=	<u>37,300</u>	<u>293,400</u>
	Total	6,000	602,300	-	1,493,700	620,600
1977	South Peninsula	0	64,900	-	2,677,800	774,900
	<u>North Peninsula</u>	<u>7,100</u>	<u>541,100</u>	=	<u>8,500</u>	<u>681,200</u>
	Total	7,100	606,000	-	2,686,300	1,456,100
1978	South Peninsula	0	64,800	-	2,858,700	600,500
	<u>North Peninsula</u>	<u>13,700</u>	<u>1,213,500</u>	=	<u>96,800</u>	<u>310,500</u>
	Total	13,700	1,278,300	-	2,955,500	911,000
1979	South Peninsula	0	53,300	-	2,629,500	411,100
	<u>North Peninsula</u>	<u>15,800</u>	<u>1,574,000</u>	=	<u>9,300</u>	<u>305,300</u>
	Total	15,800	1,627,300	-	2,638,800	716,400
1980	South Peninsula	0	45,900	-	2,641,600	362,400
	<u>North Peninsula</u>	<u>11,000</u>	<u>1,387,600</u>	=	<u>103,600</u>	<u>769,500</u>
	Total	11,000	1,433,500	-	2,745,200	1,131,900
1981	South Peninsula	0	45,700	-	2,307,500	381,300
	<u>North Peninsula</u>	<u>12,400</u>	<u>1,347,900</u>	=	<u>6,100</u>	<u>535,200</u>
	Total	12,400	1,393,600	-	2,313,600	916,500
1982	South Peninsula	0	39,200	-	2,293,000	386,900
	<u>North Peninsula</u>	<u>20,000</u>	<u>718,400</u>	=	<u>51,700</u>	<u>457,600</u>
	Total	20,000	757,600	-	2,344,700	844,500
1983	South Peninsula	0	59,200	-	851,200	446,500
	<u>North Peninsula</u>	<u>25,700</u>	<u>580,300</u>	=	<u>4,000</u>	<u>392,600</u>
	Total	25,700	639,500	-	855,200	839,100
1984	South Peninsula	0	54,800	-	3,811,600	699,700
	<u>North Peninsula</u>	<u>17,700</u>	<u>826,000</u>	=	<u>56,600</u>	<u>870,200</u>
	Total	17,700	880,800	-	3,868,200	1,569,900

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Year	Area	Chinook	Sockeye	Coho ^a	Pink	Chum
1985	South Peninsula	0	49,900	-	1,614,100	503,400
	<u>North Peninsula</u>	<u>12,900</u>	<u>898,100</u>	-	<u>1,400</u>	<u>344,200</u>
	Total	12,900	948,000	-	1,615,500	847,600
1986	South Peninsula	0	48,000	-	1,716,700	544,600
	<u>North Peninsula</u>	<u>8,700</u>	<u>580,300</u>	-	<u>13,300</u>	<u>243,600</u>
	Total	8,700	628,300	-	1,730,000	788,200
1987	South Peninsula	0	44,600	-	1,540,500	620,700
	<u>North Peninsula</u>	<u>10,700</u>	<u>556,000</u>	-	<u>100</u>	<u>510,900</u>
	Total	10,700	600,600	-	1,540,600	1,131,600
1988	South Peninsula	0	74,100	-	2,839,600	496,400
	<u>North Peninsula</u>	<u>11,700</u>	<u>614,900</u>	<u>250,000</u>	<u>43,500</u>	<u>500,300</u>
	Total	11,700	689,000	250,000	2,883,100	996,700
1989	South Peninsula	0	78,100	-	1,870,900	310,500
	<u>North Peninsula</u>	<u>5,600</u>	<u>814,400</u>	<u>175,000</u>	<u>1,900</u>	<u>212,300</u>
	Total	5,600	892,500	175,000	1,872,800	522,800
1990	South Peninsula	0	95,300	87,500	1,598,400	354,700
	<u>North Peninsula</u>	<u>7,100</u>	<u>1,032,200</u>	<u>157,500</u>	<u>132,200</u>	<u>226,400</u>
	Total	7,100	1,127,500	245,000	1,730,600	581,100
1991	South Peninsula	0	124,900	-	2,946,800	587,600
	<u>North Peninsula</u>	<u>9,600</u>	<u>1,317,300</u>	-	<u>6,300</u>	<u>303,300</u>
	Total	9,600	1,442,200	-	2,953,100	890,900
1992	South Peninsula	0	97,600	-	2,834,400	335,500
	<u>North Peninsula</u>	<u>6,600</u>	<u>861,300</u>	-	<u>207,600</u>	<u>351,700</u>
	Total	6,600	958,900	-	3,042,000	687,200
1993	South Peninsula	0	100,341	-	2,990,140	397,030
	<u>North Peninsula</u>	<u>13,745</u>	<u>1,003,848</u>	-	<u>72,830</u>	<u>402,380</u>
	Total	13,745	1,104,189	-	3,062,970	799,410
1994	South Peninsula	0	120,255	-	3,071,725	579,100
	<u>North Peninsula</u>	<u>38,400</u>	<u>1,211,400</u>	-	<u>133,200</u>	<u>480,200</u>
	Total	38,400	1,331,655	-	3,204,925	1,059,300
1995	South Peninsula	0	129,110	-	6,406,300	726,400
	<u>North Peninsula</u>	<u>24,400</u>	<u>1,077,030</u>	-	<u>8,200</u>	<u>756,000</u>
	Total	24,400	1,206,140	-	6,414,500	1,482,400

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Year	Area	Chinook	Sockeye	Coho ^a	Pink	Chum
1996	South Peninsula	0	72,950	-	3,647,550	610,300
	<u>North Peninsula</u>	<u>25,670</u>	<u>967,890</u>	-	<u>382,600</u>	<u>823,130</u>
	Total	25,670	1,040,840	-	4,030,150	1,433,430
1997	South Peninsula	0	104,440	-	5,243,275	809,050
	<u>North Peninsula</u>	<u>19,250</u>	<u>820,243</u>	-	<u>24,750</u>	<u>388,185</u>
	Total	19,250	924,683	-	5,268,025	1,197,235
1998	South Peninsula	0	85,440	-	4,668,065	742,235
	<u>North Peninsula</u>	<u>14,954</u>	<u>894,015</u>	-	<u>300,000</u>	<u>729,350</u>
	Total	14,954	979,455	-	4,968,065	1,471,585
1999	South Peninsula	0	96,800	-	5,015,310	725,180
	<u>North Peninsula</u>	<u>10,907</u>	<u>897,267</u>	-	<u>20,000</u>	<u>666,275</u>
	Total	10,907	994,067	-	5,035,310	1,391,455
2000	South Peninsula	0	69,530	-	2,792,985	522,075
	<u>North Peninsula</u>	<u>9,565</u>	<u>927,194</u>	-	<u>50,000</u>	<u>594,700</u>
	Total	9,565	996,724	-	2,842,985	1,116,775
Average 1991-2000						
	South Peninsula	0	100,137	-	3,961,655	603,447
	<u>North Peninsula</u>	<u>17,309</u>	<u>997,749</u>	-	<u>120,548</u>	<u>549,522</u>
	Total	17,309	1,097,886	-	4,082,203	1,152,969
2001	South Peninsula	0	161,630	115,000	2,965,136	751,221
	<u>North Peninsula</u>	<u>13,337</u>	<u>875,353</u>	<u>365,000</u>	<u>31,141</u>	<u>692,712</u>
	Total	13,337	1,036,983	480,000	2,996,277	1,443,933

^a Coho escapement estimates are based on incomplete data.

Appendix E.1. Alaska Peninsula Management Area commercial salmon fishing regulations, 2001.

CHAPTER 009

ALASKA PENINSULA AREA

PLEASE NOTE THAT AS OF 1998 ALL LONGITUDE AND LATITUDE COORDINATES IN THE ALASKA PENINSULA AREA HAVE BEEN CONVERTED TO DECIMAL MINUTES AND ARE BASED ON THE NORTH AMERICAN DATUM OF 1983.

ARTICLE 01. DESCRIPTION OF AREA

5 AAC 09.001. APPLICATION OF THIS CHAPTER. Requirements set out in this chapter apply only to commercial fishing, unless otherwise specified. Subsistence, personal use, and sport fishing regulations affecting commercial fishing vessels or affecting any other commercial fishing activity are set out in the subsistence fishing regulations in 5 AAC 01 and 5 AAC 02, personal use fishing regulations in 5 AAC 77, and sport fishing regulations in 5 AAC 65 and 5 AAC 75.

5 AAC 09.100. DESCRIPTION OF AREA. The Alaska Peninsula Area includes the waters of Alaska from Cape Menshikof to Cape Sarichef Light and from a line extending from Scotch Cap through the easternmost tip of Ugamak Island to a line extending 135° southeast from Kupreanof Point at 55° 33.98' N. lat., 159° 35.88' W. long.

ARTICLE 02. FISHING DISTRICTS AND SECTIONS

5 AAC 09.200. DESCRIPTION OF DISTRICTS AND SECTIONS.

(a) Northern District: waters on the north (Bering Sea) side of the Alaska Peninsula between the westernmost tip of Cape Menshikof and the longitude of Moffet Point (162° 35.50' W. long.), excluding the waters of Moffet Bay (also known as Moffet Lagoon);

(1) Cinder River Section: waters of the Northern District east of 158° 20.00' W. long.;

(2) Port Heiden Sections:

(A) Outer Port Heiden Section: waters of the Northern District located between 158° 20.00' W. long. and the longitude of Strogonof Point (158° 51.00' W. long.), exclusive of the Inner Port Heiden Section;

(B) Inner Port Heiden Section: waters of Port Heiden Bay south and east of a line from Strogonof Point at 56° 53.50' N. lat., 158° 51.00' W. long. to the mainland shore of the northeast entrance to the bay at 56° 56.50' N. lat., 158° 41.50' W. long.;

(3) Ilnik Section: waters between the longitude of Strogonof Point (158° 51.00' W. long.) and the longitude of Three Hills (159° 50.00' W. long.);

(4) Three Hills Section: waters between the longitude of Three Hills (159° 50.00' W. long.) and the longitude of Cape Seniavin Light (160° 08.80' W. long.);

(5) Bear River Section: waters between the longitude of Cape Seniavin Light (160° 08.80' W. long.) and the longitude of Wolf Point (160° 48.47' W. long.), excluding the waters of the Herendeen-Moller Bay Section;

-Continued-

(6) Port Moller Bight Section: waters enclosed by a line from Entrance Point to Harbor Point;

(7) Herendeen-Moller Bay Section: waters enclosed by a line from Harbor Point to Entrance Point to Wolf Point to Point Edward on Cape Rozhnof;

(8) Nelson Lagoon Section: waters of Nelson Lagoon inside the bars and inside a line extending from Lagoon Point to Wolf Point to Point Edward on Cape Rozhnof;

(9) Caribou Flats Section: waters between Wolf Point and a point at 55° 53.58' N. lat., 161° 49.00' W. long., approximately 22 nautical miles west of Nelson Lagoon Village and exclusive of the waters comprising the Nelson Lagoon Section;

(10) Black Hills Section: all waters between 55° 53.58' N. lat., 161° 49.00' W. long. and the longitude of Moffet Point (162° 35.50' W. long.), excluding the waters of Moffet Bay (also known as Moffet Lagoon).

(b) Northwestern District: waters on the north (Bering Sea) side of the Alaska Peninsula between the longitude of Moffet Point (162° 35.50' W. long.) and Cape Sarichef Light on Unimak Island, including all waters of Moffet Bay (also known as Moffet Lagoon) and the waters of Bechevin Bay and Isanotski Strait north of a line from the False Pass cannery dock to Nichols Point;

(1) Izembek-Moffet Bay Section: waters between the longitude of Moffet Point (162° 35.50' W. long.) and the longitude of the easternmost tip of Chunak Point, including all of Moffet Bay (also known as Moffet Lagoon), excluding the waters of Bechevin Bay Section;

(2) Bechevin Bay Section: waters of Bechevin Bay and Isanotski Strait enclosed on the north by a line from the easternmost tip of Chunak Point to the westernmost tip of Cape Kretnitzin and enclosed on the south by a line from the False Pass cannery dock to Nichols Point;

(3) Swanson Lagoon Section: waters on the north side of Unimak Island between the easternmost edge of Chunak Point (55° 02.00' N. lat., 163° 27.00' W. long.) and east of the longitude of Otter Point (163° 47.00' W. long.), excluding the waters of the Bechevin Bay Section;

(4) Urelia Bay Section: waters on the north side of Unimak Island west of the longitude of Otter Point (163° 47.00' W. long.) and east of the northernmost tip of Cape Mordvinof (54° 56.17' N. lat., 164° 26.00' W. long.), including Peterson and Christianson Lagoons;

(5) Dublin Bay Section: waters on the northwest side of Unimak Island west of the northernmost tip of Cape Mordvinof and east of Cape Sarichef Light (54° 36.00' N. lat., 164° 55.70' W. long.).

(c) Unimak District: waters on the south side of Unimak Island between a line extending from Scotch Cap (54° 24.17' N. lat., 164° 47.60' W. long.) through the easternmost tip of Ugamak Island (54° 12.87' N. lat., 164° 46.00' W. long.) and a line extending 115° from Cape Pankof Light (54° 39.60' N. lat., 163° 03.70' W. long.), including the Sanak Islands;

(1) Cape Lutke Section: waters of the Unimak District west of the longitude of Rock Island (163° 38.00' W. long.);

(2) Otter Cove Section: waters of the Unimak District east of the longitude of Rock Island (163° 38.00' W. long.) and north of 54° 30.00' N. lat.;

(3) Sanak Island Section: waters of the Unimak District east of the longitude of Rock Island (163° 38.00' W. long.) and south of 54° 30.00' N. lat.

(d) Southwestern District: waters on the south side of the Alaska Peninsula north and east of a line extending 115° from Cape Pankof Light (54° 39.60' N. lat., 163° 03.70' W. long.) and west of a line extending 106° from Arch Point Light (55° 12.30' N. lat., 161° 54.30' W. long.) to the western boundary of the Southeastern District (longitude of McGinty Point: 160° 59.00' W. long.), including Inner Iliasik, Outer Iliasik, Goloi, Dolgoi, Poperechoi, and Deer Islands, waters of Ikatan Bay, and waters of Isanotski Strait south of a line from the False Pass cannery dock (54° 51.35' N. lat., 163° 24.38' W. long.) to Nichols Point (54° 51.43' N. lat., 163° 23.23' W. long.);

- (1) Ikatan Bay Section: waters of the Southwestern District located south and west of a line from Kenmore Head (54° 56.83' N. lat., 163° 01.77' W. long.) to Hague Rock (54° 33.17' N. lat., 162° 24.00' W. long.) and west of a line extending true south from Hague Rock;
- (2) Morzhovoi Bay Section: waters of Morzhovoi Bay north of a line from Kenmore Head to Cape Tachilni (54° 56.00' N. lat., 162° 52.80' W. long.);
- (3) Thin Point Section: waters of the Southwestern District east of Kenmore Head (54° 56.83' N. lat., 163° 01.77' W. long.) and west of Thin Point (54° 57.32' N. lat., 162° 33.50' W. long.), excluding waters of the Ikatan, Morzhovoi, and Cold Bay Sections;
- (4) Cold Bay Section: waters north of a line from Thin Point to Vodapoini Point;
- (5) Deer Island Section: waters within one nautical mile from the mean high tide mark around Deer Island;
- (6) Belkofski Bay Section: waters between Vodapoini Point and Moss Cape, including Inner and Outer Iliasik Islands, excluding the waters of the Deer Island Section;
- (7) Volcano Bay Section: waters between Moss Cape and Arch Point, including Goloi, Dolgoi, and Poperechnoi Islands;
- (8) General Section: all remaining waters of the Southwestern District.

(e) South Central District: waters on the south side of the Alaska Peninsula north and east of a line extending 106 from Arch Point Light (55° 12.30' N. lat., 161° 54.30' W. long.) and west of a line extending south from McGinty Point (55° 27.37' N. lat., 160° 59.00' W. long.), including Ukolnoi and Wosnesenski Islands;

- (1) West Pavlof Bay Section: waters of the South Central District west of 161° 34.00' W. long.;
- (2) East Pavlof Bay Section: waters of the South Central District east of 161° 34.00' W. long., excluding the Canoe Bay and Mino Creek-Little Coal Bay Sections;
- (3) Canoe Bay Section: waters of Canoe Bay enclosed by a line from a point at 55° 35.55' N. lat., 161° 21.60' W. long. to a point at 55° 35.65' N. lat., 161° 21.80' W. long.;
- (4) Mino Creek-Little Coal Bay Section: waters of the South Central District, excluding those of the West and East Pavlof Bay and Canoe Bay Sections, between the longitude of McGinty Point (160° 59.00' W. long.) and the longitude of Cape Tolstoi (161° 30.00' W. long.).

(f) Southeastern District: waters on the south side of the Alaska Peninsula east of a line extending south from McGinty Point (55° 27.37' N. lat., 160° 59.00' W. long.) and west of a line extending 135° from Kupreanof Point (55° 33.98' N. lat., 159° 35.88' W. long.), including all of the Shumagin Islands;

- (1) Beaver Bay Section: waters of the Southeastern District east of the longitude of McGinty Point (160° 59.00' W. long.), west of 160° 49.00' W. long., and north of 55° 26.00' N. lat.;

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(2) Balboa Bay Section: waters of the Southeastern District east of 160° 49.00' W. long., north of 55° 26.00' N. lat., and west of the longitude of Swedania Point (160° 31.50' W. long.);

(3) Shumagin Islands Section: waters of the Southeastern District east of the longitude of McGinty Point (160° 59.00' W. long.), west of a line extending 135° from Kupreanof Point (55° 33.98' N. lat., 159° 35.88' W. long.), south of a line from 55° 26.00' N. lat., 160° 31.50' W. long., to 55° 32.20' N. lat., 160° 02.60' W. long. (approximately one nautical mile north of Karpa Island), and east to the Alaska Peninsula Area boundary (a line extending 135° from Kupreanof Point), excluding the Beaver Bay, Balboa Bay, and Southwest Stepovak Sections;

(4) Southwest Stepovak Section: waters of the Southeastern District south of the latitude of 55° 37.33' N. lat., west of 159° 52.00' W. long., north of the Shumagin Islands Section, and east of the Balboa Bay Section;

(5) Northwest Stepovak Section: waters of the Southeastern District north of 55° 37.33' N. lat. and west of the longitude of Dent Point (159° 52.00' W. long.);

(6) Stepovak Flats Section: waters of the Southeastern District north of 55° 48.20' N. lat. and east of the longitude of Dent Point (159° 52.00' W. long.);

(7) East Stepovak Section: waters of the Southeastern District south of 55° 48.20' N. lat., east of the longitude of Dent Point (159° 52.00' W. long.), north of 55° 32.20' N. lat., and west of a line extending 135 from Kupreanof Point (55° 33.98' N. lat., 159° 35.88' W. long.).

ARTICLE 03. SALMON FISHERY.

5 AAC 09.301. SEAWARD BOUNDARY OF DISTRICTS.

For the purpose of managing the historical salmon net fishery in the vicinity of False Pass and Unimak Bight, the outer boundary of the Southwestern and Unimak Districts is a line drawn three miles seaward from a line commencing at 54° 26.70' N. lat., 162° 53.00' W. long., near the western end of Sanak Island to Cape Lutke on Unimak Island. The seaward boundary of all other districts is a line three miles seaward of the baseline, as described in 5 AAC 39.975(13).

5 AAC 09.310. FISHING SEASONS.

(a) In the Northern District, salmon may be taken as follows:

(1) Cinder River Section:

(A) from May 1 through September 30 within the lagoon into which the Cinder River drains (locally known as False Ugashik or Shagong);

(B) from August 1 through September 30 throughout this section;

(2) Port Heiden Sections:

(A) Inner Port Heiden Section: from May 1 through September 30;

(B) Outer Port Heiden Section: no open season;

(3) Ilnik Section:

(A) from May 1 through September 30, waters within Ilnik Lagoon and the waters inside the Seal Islands;

-Continued-

(B) from June 25 through September 30 in all waters southwest of the longitude of Unangashak Bluffs (159° 10.80' W. long.) and east of the longitude of Three Hills (159° 50.00' W. long.);

(C) from July 15 through September 30 throughout the entire Ilnik Section;

(4) Three Hills Section: from June 25 through September 30;

(5) Bear River Section: from May 1 through September 30;

(6) Port Moller Bight Section: from May 1 through September 30;

(7) Herendeen-Moller Bay Section: from May 1 through July 20;

(8) Nelson Lagoon Section: from May 1 through September 30;

(9) Caribou Flats Section: no open season;

(10) Black Hills Section: from May 1 through September 30.

(b) In the Northwestern District, salmon may be taken only from June 1 through August 10, except that

(1) in the Dublin Bay Section, salmon may be taken only from July 10 through August 10;

(2) in the Bechevin Bay Section, salmon may be taken only from June 1 through September 30;

(3) beginning September 1, the salmon fishing season will be opened by emergency order.

(c) In the Unimak District, salmon may be taken only from June 1 through September 30.

(d) In the Southwestern District, salmon may be taken only from June 1 through September 30.

(e) In the South Central District, salmon may be taken only from June 1 through September 30.

(f) In the Southeastern District, salmon may be taken only from June 1 through September 30.

5 AAC 09.320. FISHING PERIODS.

(a) In the Northern District, salmon may be taken only during weekly fishing periods from 6:00 a.m. Monday until 6:00 p.m. Thursday, unless modified by emergency order, except as follows:

(1) in the Black Hills Section, before July 1 salmon may be taken from 6:00 a.m. Monday until 6:00 p.m. Wednesday; beginning July 1 salmon may be taken from 6:00 a.m. Monday until 6:00 p.m. Thursday;

(2) in the Nelson Lagoon Section, salmon may be taken

(A) during the period May 1 - June 15, from 6:00 a.m. Monday until 12:00 midnight Wednesday;

(B) during the period June 16 - August 15, from 6:00 a.m. Monday until 12:00 midnight Thursday;

(C) after August 15, from 6:00 a.m. Monday until 12:00 midnight Wednesday;

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(3) in the Cinder River, Inner Port Heiden, and Ilnik Sections, salmon may be taken only from 6:00 a.m. Monday until 6:00 p.m. Wednesday, except that before July 5 in that portion of the Ilnik Section within the Ilnik Lagoon and all waters inside the Seal Islands, salmon may be taken only from 12:00 noon Monday until 11:59 p.m. Wednesday;

(4) before July 1, in the Three Hills and Bear River Sections, salmon may be taken from 6:00 a.m. Monday until 6:00 p.m. Wednesday.

(b) In the Northwestern District, salmon may be taken during an open season after August 31 only during fishing periods established by emergency order. Before September 1, salmon may be taken in the Northwestern District only during the open season in the

(1) Izembek-Moffet Bay Section, from 6:00 a.m. Monday until 6:00 p.m. Thursday;

(2) Bechevin Bay Section, only during fishing periods established by emergency order;

(3) Uralia Bay Section, from 6:00 a.m. Monday until 6:00 p.m. Thursday;

(4) Dublin Bay Section, from 6:00 a.m. Monday until 6:00 p.m. Thursday;

(5) Swanson Lagoon Section, from 6:00 a.m. Monday until 6:00 p.m. Thursday.

(c) Salmon may be taken only during the open season in the Unimak District during fishing periods established by emergency order.

(d) Salmon may be taken only during the open season in the Southwestern District only during fishing periods established by emergency order.

(e) Salmon may be taken only during the open season in the South Central District only during fishing periods established by emergency order.

(1) repealed 6/2/88;

(2) repealed 6/2/88;

(3) repealed 4/13/80.

(f) Salmon may be taken only during the open season in the Southeastern District only during fishing periods established by emergency order.

(1) repealed 6/2/88;

(2) repealed 4/13/80;

(3) repealed 6/2/88.

5 AAC 09.330. GEAR.

(a) In the Northern District salmon may be taken in the

(1) Cinder River Section: with drift gillnets or set gillnets only;

(2) Inner Port Heiden Section: with drift gillnets or set gillnets only;

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- (3) Ilnik Section: with drift gillnets or set gillnets only;
 - (4) Three Hills Section: with drift gillnets only;
 - (5) Bear River Section: with drift gillnets, purse seines and hand purse seines;
 - (6) Port Moller Bight Section: with drift gillnets, set gillnets, purse seines, and hand purse seines;
 - (7) Herendeen-Moller Bay Section: with drift gillnets, set gillnets, purse seines and hand purse seines;
 - (8) Nelson Lagoon Section: with drift gillnets or set gillnets;
 - (9) Black Hills Section: with drift gillnets or set gillnets only.
- (b) In the Northwestern District salmon may be taken with drift gillnets, set gillnets, purse seines and hand purse seines.
- (c) In the Unimak District salmon may be taken with drift gillnets, set gillnets, purse seines and hand purse seines. Salmon may be taken by gillnet gear during periods when the seine fishery is closed by emergency order due to the presence of immature salmon.
- (d) In the Southwestern District salmon may be taken with purse seines, hand purse seines and set gillnets except that
- (1) salmon may also be taken with drift gillnets west of a line from Kenmore Head to Hague Rocks to the easternmost tip of the Sanak Islands;
 - (2) repealed 3/19/78;
 - (3) salmon may be taken by gillnet gear during periods when the seine fishery is closed by emergency order due to the presence of immature salmon.
- (e) In the South Central District salmon may be taken with set gillnets, purse seines and hand purse seines, except that
- (1) repealed 3/19/78;
 - (2) within Canoe Bay, salmon may be taken only with purse seines and hand purse seines;
 - (3) repealed 6/2/88;
 - (4) salmon may be taken by set gillnet gear during periods when the seine fishery is closed by emergency order due to the presence of immature salmon.
- (f) In the Southeastern District salmon may be taken only with set gillnets, purse seines and hand purse seines except that
- (1) salmon may be taken only with purse seines and hand purse seines in the area between Popof Head and Dark Cliffs (Popof Island) from June 1 through August 31; however, salmon may be taken by set gillnet during periods when the seine fishery is closed by emergency order due to the presence of immature salmon;
 - (2) repealed 3/19/78;
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(3) salmon may be taken only with set gillnets from June 1 through July 10 in the Beaver Bay, Balboa Bay, Southwest Stepovak, Northwest Stepovak, Stepovak Flats, and East Stepovak Sections;

(4) salmon may be taken by set gillnet during periods when the seine fishery is closed by emergency order due to presence of immature salmon.

5 AAC 09.331. GILLNET SPECIFICATIONS AND OPERATIONS.

(a) The size and operation of drift gillnets is as follows:

(1) the aggregate length of drift gillnets on a salmon fishing boat or in use by such boat shall be no more than 200 fathoms in length;

(2) the mesh size of a drift gillnet may not be less than five and one-quarter inches, except that there is no minimum mesh size

(A) in the Northern District and the Northwestern District;

(B) in the South Unimak and Shumagin Islands fisheries described in 5 AAC 09.365(b) and (c) when the commissioner opens fishing periods under 5 AAC 09.365(d);

(C) repealed 6/22/2001;

(3) in the Northwestern, Unimak, and Southwestern Districts, no drift gillnet may exceed 90 meshes in depth;

(4) in the Northern District, a drift gillnet may not exceed 70 meshes in depth, except that in the Nelson Lagoon Section a drift gillnet may not exceed 29 meshes in depth before August 16 and 38 meshes in depth from August 16 through September 30; a drift gillnet may have only one leadline, which may not exceed 60 fathoms per 50 fathoms of corkline, and no portion of the leadline may exceed 1.5 pounds per fathom.

(b) The size and operation of set gillnets is as follows:

(1) a set gillnet may be no more than 100 fathoms in length; the aggregate length of set gillnets operated by a CFEC permit holder may be no more than 200 fathoms; no more than two gillnet sites may be operated by a CFEC permit holder except that in the

(A) Inner Port Heiden Section a set gillnet may be no more than 50 fathoms in length; the aggregate length of set gillnets operated by a CFEC permit holder may be no more than 100 fathoms; and no more than two gillnet sites may be operated by a CFEC permit holder;

(B) Ilnik Lagoon (portion of the Ilnik Section) a set gillnet may be no more than 50 fathoms in length; the aggregate length of set gillnets operated by a CFEC permit holder may be no more than 150 fathoms; and no more than three gillnet sites may be operated by a CFEC permit holder;

(C) in the Northwestern, Unimak, Southwestern, South Central, and Southeastern Districts, a set gillnet may not exceed 90 meshes in depth; and

(2) set gillnets shall be operated in substantially a straight line; no more than 30 fathoms of each set gillnet may be used as a single hook;

(3) the mesh size of a set gillnet may not be less than five and one-quarter inches, except that there is no minimum mesh size

-Continued-

(A) in the Northern District and the Northwestern District;

(B) in the South Unimak and Shumagin Islands fisheries described in 5 AAC 09.365(b) and (c) when the commissioner opens fishing periods under 5 AAC 09.365(e);

(C) repealed 6/22/2001;

(4) in the Northern District, the maximum depth of a set gillnet may not exceed 70 meshes in depth; except that in the Nelson Lagoon Section, a set gillnet may not exceed 29 meshes in depth;

(5) in the Unimak, Southwestern, South Central, and Southeastern Districts, 10 fathoms of seine webbing may be used on the shoreward end of a set gillnet; the shoreward end of the seine webbing must be attached to the beach above low tide;

(6) during hours of darkness, each set gillnet must be marked with at least one red light on the seaward end of the net, and at least one red light on both ends of the net if that net is more than 300 feet from shore;

(7) in Swanson Lagoon, within the Swanson Lagoon Section of the Northwestern District, a person may not place a set gillnet in the water if that placement would result in more than 50 percent of the channel east of 163 38.75' W. long. being blocked to the movement of boat traffic at any stage of the tide;

(8) in the Cinder River and Ilnik Sections of the Northern District, a person may not place the seaward end of a set gillnet further than one-half mile from the permanent vegetation line of the beach, except that in the Seal Islands a person may not place the seaward end of a set gillnet further than one-half mile from the mean high tide mark;

(9) in the Unimak District during the June fishery described in 5 AAC 09.365, a person may not place the shoreward end of a set gillnet further than one-half mile from the mean high tide mark.

5 AAC 09.332. SEINE SPECIFICATIONS AND OPERATIONS.

(a) Purse seines or hand purse seines may not be less than 100 fathoms nor more than 250 fathoms in length. A purse seine or hand purse seine may not exceed 375 meshes in depth. Seine mesh may not be more than three and one-half inches, except that the first 25 meshes above the leadline may not be more than 7 inches.

(b) Leads may not be less than 50 fathoms nor more than 150 fathoms in length. Only one lead may be used with a seine. A lead may be attached to only one end of a seine, and the lead may not be attached to the boat end of the seine.

5 AAC 09.334. IDENTIFICATION OF GEAR.

(a) Each drift gillnet in operation must have at each end a bright red keg, buoy, or cluster of floats plainly and legibly marked with the permanent vessel license plate (ADF&G) number of the vessel operating the gear, as well as the initials of the operator.

(b) Each set gillnet in operation must be identified as required by 5 AAC 39.280.

5 AAC 09.335. MINIMUM DISTANCE BETWEEN UNITS OF GEAR.

No part of a set gillnet may be set or operated within 900 feet of any part of another set gillnet, except that in the

(1) Inner Port Heiden Section no part of a set gillnet may be set or operated within 600 feet of any part of another set gillnet;

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(2) Nelson Lagoon Section no part of a set gillnet may be set or operated within 1,800 feet of any part of another operating set gillnet.

5 AAC 09.342. VESSEL IDENTIFICATION. Repealed 4/18/86.

5 AAC 09.350. CLOSED WATERS.

Salmon may not be taken in the following locations:

(1) Cape Menshikof: waters of the Cinder River Section located north and east of a line extending 304° from a point on the shore at 57° 24.40' N. lat., 158° 03.00' W. long.;

(2) Cinder River Lagoon: waters enclosed by a line from 57° 20.00' N. lat., 158° 08.02' W. long. to 57° 21.30' N. lat., 158° 02.63' W. long.;

(3) Outer Port Heiden: waters of the Outer Port Heiden Section;

(4) Meshik River: waters upstream from a line crossing the river from a point at 56° 47.07' N. lat., 158° 41.10' W. long. to 56° 47.97' N. lat., 158° 38.75' W. long.; this is approximately one-half nautical mile upstream from the mean high tide mark in the mouth of the river and approximately at the lower line of the permanent vegetation line;

(5) Unangashak River: waters east of 159° 15.33' W. long.;

(6) Ilnik Lagoon: waters of Ilnik Lagoon and lake west of 159° 32.00' W. long.;

(7) Sandy River:

(A) from May 1 through July 26: waters within 2,000 yards of the terminus of the river;

(B) from July 27 through September 30: waters within 500 yards of the terminus of the river;

(8) Bear River:

(A) from May 1 through August 8: waters within 1,000 yards of the terminus of the river;

(B) from August 9 through September 30: waters within 500 yards of the terminus of the river;

(9) King Salmon River:

(A) from May 1 through July 15, waters within 1,000 yards of the stream terminus;

(B) after July 15, waters within 500 yards of the stream terminus;

(10) Frank's Lagoon: waters of the lagoon and within 500 yards outside the entrance;

(11) Herendeen Bay: from May 1 through July 20, waters within 500 yards of any salmon stream, unless otherwise specified in this chapter;

(12) Nelson Lagoon: waters of the lagoon and river (called Caribou, Nelson, and Lagoon River) flowing into the upper (west) end of Nelson Lagoon, upstream from a line from 55° 57.40' N. lat., 161° 22.17' W. long., to 55° 57.70' N. lat., 161° 22.75' W. long.;

(13) Caribou Flats: waters of the Caribou Flats Section;

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(14) Amak Island and adjacent Sea Lion Rocks: waters within three nautical miles of the mean high tide mark around these islands and rocks;

(15) Applegate Cove-Norma Bay: waters south of a line from 55° 14.20' N. lat., 162° 53.20' W. long. to the southwest extremity of Norma Bay at 55° 10.50' N. lat., 163° 05.12' W. long.; this boundary aligns with the Cold Bay VORTAL cone and the headland located approximately two nautical miles south of the radar domes near Grant Point;

(16) Bechevin Bay:

(A) Saint Catherine Cove (Mike's Creek): waters within 1,000 yards of the stream located at 55° 00.80' N. lat., 163° 31.55' W. long.;

(B) Trader's Cove: waters north and east of a line from Morzhovoi Village (54° 54.65' N. lat., 163° 18.33' W. long.) to the base of Trader Mountain (54° 54.98' N. lat., 163° 18.50' W. long.);

(C) Warmsprings Bay: waters southeast of a line from a point on the south shore of the bay at 54° 56.40' N. lat., 163° 15.90' W. long. to a point on the north shore of the bay at 54° 57.20' N. lat., 163° 15.67' W. long.;

(17) Swanson Lagoon:

(A) from June 1 through August 31: waters enclosed by a line from 55° 02.15' N. lat., 163° 38.75' W. long. to 55° 02.13' N. lat., 163° 38.60' W. long.;

(B) from September 1 through October 31: waters enclosed by a line from 55° 02.15' N. lat., 163° 38.75' W. long. to 55° 02.17' N. lat., 163° 39.15' W. long.;

(18) Uralia Bay:

(A) Christianson's Lagoon: waters of the lagoon and its exit channel upstream from a point located above the exit channel terminus at the ocean shoreline;

(B) Peterson Lagoon: waters of the lagoon from a point located 500 yards upstream from the lagoon outlet channel terminus at the ocean shoreline;

(19) Ikatan Bay: waters within 1,000 yards of the stream at 54° 45.18' N. lat., 163° 15.32' W. long. on the north shore of the Ikatan Peninsula that exit from Swede's Lake;

(20) Morzhovoi Bay:

(A) Middle Lagoon: waters of the lagoon and within 1,000 yards of its entrance;

(B) Little John Lagoon: waters of the lagoon and within 500 yards of its entrance at the narrows;

(21) Thin Point Cove and Lagoon: waters north and west of a line from the tip of Thin Point westward to a point on the shore at 54° 57.58' N. lat., 162° 42.40' W. long.;

(22) Cold Bay:

(A) Old Man Lagoon, Mortensen Lagoon, and Nurse Lagoon: waters of the lagoons and within 500 yards outside their entrances;

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(B) Lenard Harbor: waters east of a line from a point on the south shore at 55° 06.00' N. lat., 162° 23.10' W. long. to a point on the north shore at 55° 06.95' N. lat., 162° 23.20' W. long. and within 1,000 yards of any salmon stream;

(C) Kinzarof Lagoon area: waters of Kinzarof Lagoon;

(D) Trout Creek: waters within 1,000 yards of the stream terminus;

(23) Deer Island: waters within 200 yards of any salmon stream on Deer Island;

(24) Belkofski Bay: waters north and east of a line from 55° 09.28' N. lat., 162° 08.32' W. long. to 55° 08.07' N. lat., 162° 07.20' W. long. and then to 55° 07.33' N. lat., 162° 07.60' W. long.;

(25) Volcano and Bear Bay:

(A) waters north of a line from 55° 13.33' N. lat., 162° 01.40' W. long. to 55° 13.83' N. lat., 161° 58.20' W. long.;

(B) waters of Bear Bay west of 162° W. long. and locally known as Little Bear Bay;

(26) Long John Lagoon: waters of the lagoon and within 500 yards outside of its entrance;

(27) Pavlof Bay:

(A) Chinaman Lagoon and Jackson Lagoon: waters of the lagoons and within 1,000 yards outside of their entrances;

(B) Dry Lagoon: waters of the lagoon and within 500 yards of its entrance;

(C) Canoe Bay: waters east of 161° 14.30' W. long.;

(28) Bay Point: waters of the lagoon and within 500 yards of the lagoon entrance;

(29) Zachary Bay: waters of the inner bay south and west of a line extending from the inner edge of the permanent vegetation line of the sand spit to the west of the tip of the prominent point of land approximately one and one-third nautical miles inside Quartz Point;

(30) Balboa Bay:

(A) waters north of a line extending west from Reef Point;

(B) waters of Lefthand Bay west of a line from 55° 31.60' N. lat., 160° 43.00' W. long. to 55° 33.10' N. lat., 160° 42.10' W. long.;

(31) San Diego Bay: waters of the lagoon at the head of this bay and within 500 yards outside of the lagoon's entrance, except that from July 19 through August 31 the closure includes all waters west of a line from the reef at 55° 33.10' N. lat., 160° 26.60' W. long. to the headland at 55° 33.97' N. lat., 160° 25.90' W. long.;

(32) Dorenoi Bay:

(A) from June 1 through July 25, waters north and west of a line from the tip of Renshaw Point to the opposite shore at 55° 38.40' N. lat., 160° 19' W. long.;

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(B) after July 25, waters within 500 yards of the terminus of any salmon stream;

(33) Chichagof Bay: waters of the lagoon and within 500 yards of the lagoon entrance;

(34) Orzinski Bay (Orzenoi): waters within 1,000 yards of any salmon stream;

(35) Grub Gulch: waters north and east of a line from 55° 48.25' N. lat., 159° 56.20' W. long. to 55° 48.00' N. lat., 159° 58.40' W. long.;

(36) Stepovak Bay:

(A) from June 1 through July 28, waters within 500 yards of any salmon stream or lagoon, unless otherwise specified in this chapter;

(B) from July 29 through September 30, waters north of a line extending east from Dent Point at 55° 47.25' N. lat., 159° 52.00' W. long. to a point on the Kupreanof Peninsula at 55° 46.93' N. lat., 159° 38.70' W. long.;

(37) from July 6 through August 31, waters of Alaska in the East Stepovak Section between a line extending 135° from Kupreanof Point at 55° 33.98' N. lat., 159° 35.88' W. long. and a line extending 207° from 55° 34.50' N. lat., 159° 37.53' W. long.; from September 1 through October 31, the commissioner shall close, by emergency order, the waters specified in this paragraph when the waters specified in 5 AAC 15.350(20) are closed to conserve coho salmon.

5 AAC 09.355. SALMON PROCESSOR AND BUYER REPORTING REQUIREMENTS.

The operator of a floating salmon processing vessel or tender, or of a shorebased processing operation, and a company employing aircraft used for transporting salmon, shall report in person, or by radio or telephone, to a local representative of the department located in the management area of intended operation before the start of processing or buying operations. The report must include the location and the date of intended operation, and identify and describe each vessel or other method of transport employed in hauling or processing salmon.

5 AAC 09.360. SOUTHEASTERN DISTRICT MAINLAND SALMON MANAGEMENT PLAN.

(a) This plan pertains to the management of the interception of Chignik River sockeye salmon caught in the Southeastern District Mainland fishery: East Stepovak, Stepovak Flats, Northwest Stepovak, Southwest Stepovak, Balboa Bay, and Beaver Bay Sections. Before July 11, only set gillnet gear may be used in these sections. For the purpose of this plan, local runs include only those salmon in the waters

(1) beginning July 1, in the Northwest Stepovak Section described in 5 AAC 09.200(f);

(2) in the Stepovak Flats Section described in 5 AAC 09.200(f).

(b) In years when a harvestable surplus for the first (Black Lake) and second (Chignik Lake) runs of Chignik River system sockeye salmon is expected to be less than 600,000, a commercial salmon fishery is not allowed in the East Stepovak, Southwest Stepovak, Balboa Bay, and Beaver Bay Sections, and in the Northwest Stepovak Section, excluding Orzinski Bay north of a line from Elephant Point at 55° 41.92' N. lat., 160° 03.20' W. long. to Waterfall Point at 55° 43.18' N. lat., 160° 01.13' W. long., until a harvest of 300,000 sockeye salmon is achieved in the Chignik Area described in 5 AAC 15.100. After July 8, if at least 300,000 sockeye salmon have been harvested in the Chignik Area, and if escapement goals are being met, the department shall manage the fishery so that the number of sockeye salmon harvested in the Chignik Area will be at least 600,000 and the number of sockeye salmon harvested in the East Stepovak, Stepovak Flats, Southwest Stepovak, Balboa Bay, and Beaver Bay Sections, and before July 1, in the Northwest Stepovak Section, approaches as near as possible six percent of the total Chignik sockeye salmon harvest.

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(c) In years when a harvestable surplus beyond escapement goals for the first and second runs of Chignik River system sockeye salmon is expected to be more than 600,000 but the first run fails to develop as predicted and it is determined that a total sockeye salmon harvest in the Chignik Area of 600,000 or more might not be achieved, the commercial salmon fishery in the East Stepovak, Stepovak Flats, Southwest Stepovak, Balboa Bay, and Beaver Bay Sections, and in the Northwest Stepovak Section, excluding Orzinski Bay north of a line from Elephant Point at 55° 41.92' N. lat., 160° 03.20' W. long. to Waterfall Point at 55° 43.18' N. lat., 160° 01.13' W. long., shall be curtailed in order to allow a harvest in the Chignik Area of at least 300,000 sockeye salmon through July 8 if that number of fish are determined to be surplus to the escapement goals of the Chignik River system. After July 8, if at least 300,000 sockeye salmon have been harvested in the Chignik Area, and if escapement goals are being met, the department shall manage the fishery so that the number of sockeye salmon harvested in the Chignik Area is at least 600,000 and the number of sockeye salmon harvested in the East Stepovak, Stepovak Flats, Southwest Stepovak, Balboa Bay, and Beaver Bay Sections, and before July 1 in the Northwest Stepovak Section, approaches as near as possible six percent of the total Chignik sockeye salmon harvest.

(d) In years when a harvestable surplus beyond the escapement goals for the first and second runs of Chignik River system sockeye salmon is expected to be more than 600,000 and the department determines that the runs are as strong as expected, the department shall manage the fishery so that the number of sockeye salmon taken in the East Stepovak, Stepovak Flats, Southwest Stepovak, Balboa Bay, and Beaver Bay Sections, and before July 1 in the Northwest Stepovak Section, approaches as near as possible six percent of the total Chignik sockeye salmon catch.

(e) Beginning July 1, the fishing schedule in the Northwest Stepovak Section, excluding Orzinski Bay north of a line from Elephant Point at 55° 41.92' N. lat., 160° 03.20' W. long. to Waterfall Point at 55° 43.18' N. lat., 160° 01.13' W. long. may not be more than four 24-hour periods with no more than 48-hours continuous fishing during a seven-day period.

(f) The estimate of sockeye salmon destined for the Chignik River has been determined to be 80 percent of the sockeye salmon harvested in the East Stepovak, Stepovak Flats, Southwest Stepovak, Balboa Bay, and Beaver Bay Sections, and before July 1 in the Northwest Stepovak Section. Beginning July 1, all sockeye salmon taken in the Northwest Stepovak Section are considered to be destined for Orzinski Bay.

(g) The total Chignik sockeye salmon catch constitutes those sockeye salmon caught within the Chignik Area, plus 80 percent of the sockeye salmon caught in the East Stepovak, Stepovak Flats, Southwest Stepovak, Balboa Bay, and Beaver Bay Sections, and before July 1 in the Northwest Stepovak Section, plus 80 percent of the sockeye salmon caught in the Cape Igvak Section of the Kodiak Area. The percentage of Chignik sockeye salmon may be permitted to fluctuate above or below six percent at any time before July 25.

(h) The allocation method described in (a) - (g) of this section is in effect through July 25. The commissioner may not open the first fishing period of the commercial salmon fishing season in the East Stepovak, Southwest Stepovak, Balboa Bay, and Beaver Bay Sections, and before July 1 in the Northwest Stepovak Section, before the first fishing period of the commercial salmon fishing season in the Chignik Area. After July 25, the commissioner may open, by emergency order, commercial salmon fishing in the entire Southeastern District Mainland area for local stocks.

(i) During the period from approximately June 26 through July 8, the strength of the second run of the Chignik River system sockeye salmon cannot be evaluated. In order to prevent overharvest of the second run, the department may disallow or severely restrict commercial salmon fishing in the East Stepovak, Stepovak Flats, Southwest Stepovak, Balboa Bay, and Beaver Bay Sections during this period, and from June 26 through June 30 in the Northwest Stepovak Section.

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(j) The commissioner shall open all commercial fishing periods by emergency order. Before commencement of the first commercial salmon fishing period of the season, the department shall give at least 24 hours' notice. For subsequent fishing periods, the department shall give at least 12 hours' notice. If an existing fishing period is extended, the department shall give notice of the extension as soon as possible before the end of the existing fishing period.

5 AAC 09.365. SOUTH UNIMAK AND SHUMAGIN ISLANDS JUNE SALMON MANAGEMENT PLAN.

(a) The South Unimak and Shumagin Islands June fisheries harvest both sockeye salmon and chum salmon in a mixed stock fishery. These stocks of salmon are bound for Bristol Bay and the Arctic-Yukon-Kuskokwim region, as well as other areas across the North Pacific Ocean. These salmon stocks have historically been intercepted in significant numbers along the Alaska Peninsula. To ensure that none of these salmon stocks are overharvested, it is necessary to restrain the interception of these stocks as provided in the management plan in this section, and consistent with the Policy for the Management of Sustainable Salmon Fisheries (5 AAC 39.222) and Policy for the Management of Mixed Stock Salmon Fisheries (5 AAC 39.220).

(b) The South Unimak fishery takes place in the Unimak District, the Ikatan Bay Section in the Southwestern District, and the Bechevin Bay Section in the Northwestern District, plus the following waters of the Southwestern District located outside of the Ikatan Bay Section and not described as closed waters in 5 AAC 09.350:

(1) waters north and west of a line from Cape Pankof Light to Thin Point (54° 57.32' N. lat., 162° 33.50' W. long.); and

(2) waters enclosed by a line from Thin Point (54° 57.32' N. lat., 162° 33.50' W. long.) to the northernmost tip of Stag Point (54° 59.10' N. lat., 162° 18.10' W. long.) on Deer Island to the southernmost tip of Dolgoi Cape (55° 03.15' N. lat., 161° 44.35' W. long.) on Dolgoi Island and from the northernmost tip of Bluff Point (55° 09.93' N. lat., 161° 53.72' W. long.) on Dolgoi Island to Arch Point Light (55° 12.30' N. lat., 161° 54.30' W. long.).

(c) The Shumagin Islands fishery takes place in the Shumagin Islands Section.

(d) Beginning June 10, the commissioner may open, by emergency order, commercial fishing periods for purse seine and drift gillnet gear as follows:

(1) commercial fishing periods may occur only from 6:00 a.m. to 10:00 p.m. and may not be open for more than

(A) three days in any seven-day period;

(B) 16 hours per day;

(C) 48 hours in any seven-day period;

(D) two consecutive 16-hour fishing periods in any seven-day period;

(2) through June 24, commercial fishing periods in the Shumagin Islands and South Unimak fisheries will occur at the same time;

(3) after June 24, the provisions of (f) apply.

(e) Beginning June 10, the commissioner may open, by emergency order, commercial fishing periods for set gillnet gear in both the South Unimak and Shumagin Islands fisheries as follows:

(1) from June 10 through June 24,

(A) commercial fishing periods may occur only from 6:00 a.m. to 10:00 p.m.;

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(B) the fishery will be closed for one period if, during the preceding period, the ratio of sockeye salmon to chum salmon is not equal to or greater than the recent 10 year average;

(2) after June 24, the schedule of openings and closings of fishing periods shall coincide with the schedule for seine and drift gillnet gear as specified in (f) of this section.

(f) After June 24, in either the South Unimak or Shumagin Islands fisheries,

(1) if the ratio of sockeye salmon to chum salmon is two to one or less on any day, the next daily fishing period for seine and drift gillnet gear shall be of six-hour duration in that fishery;

(2) if the ratio of sockeye salmon to chum salmon is greater than two to one, the commissioner may extend the fishing period by emergency order, to a maximum of 16 hours as described in (d)(1) of this section;

(3) if the ratio of sockeye salmon to chum salmon is two to one or less for two consecutive fishing periods, the fishery shall close for all gear types.

(g) All salmon caught by a CFEC permit holder must be retained, and each CFEC permit holder must report the number of salmon caught, including those taken but not sold, on an ADF&G fish ticket. For the purposes of this subsection, "caught" means brought on board the vessel.

5 AAC 09.366. POST-JUNE SALMON MANAGEMENT PLAN FOR THE SOUTH ALASKA PENINSULA.

(a) The purpose of this management plan is to provide management guidelines to the department for the management of the post-June salmon fisheries along the South Alaska Peninsula, to provide for the harvest of local stocks in terminal harvest areas, and to establish fishing periods for the South Alaska Peninsula salmon fisheries outside of terminal harvest areas.

(b) The commissioner shall establish, to the extent practicable, concurrent fishing periods in the Southeastern, South Central, Southwestern, and Unimak Districts.

(c) Fishing periods may be established under this section only as follows:

(1) except as specified in (d), for July, from 7:00 a.m. to 9:00 p.m.;

(2) for August, from 8:00 a.m. to 9:00 p.m.;

(3) for September, from 9:00 a.m. to 8:00 p.m.; and

(4) for October, from 9:00 a.m. to 8:00 p.m.

(d) Notwithstanding (c)(1) of this section, the commissioner may establish, by emergency order, six 24-hour fishing periods interspersed by 48 hour closures from July 6 through July 21, and three 36-hour fishing periods interspersed by 48 hour closures from July 22 through July 31. The first commercial fishing period of the July 22 through July 31 period may not start before 12:00 noon on July 23.

(e) From July 22 through July 31, no more than 60,000 coho salmon may be taken in the entire South Alaska Peninsula, except in those areas designated as terminal harvest areas specified in (f) and (g) of this section.

(f) The commissioner may open, by emergency order, the following terminal harvest areas to salmon fishing from July 6 through July 21:

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(1) the Shumagin Islands Section of the Southeastern District, waters of Zachary Bay south of the latitude of 55° 22.60' N. lat.; fishing periods shall be established based on the abundance of pink and chum salmon stocks;

(2) the East and West Pavlof Bay Sections of the South Central District, waters north of the latitude of Black Point (55° 24.48' N. lat.); fishing periods shall be established based on the abundance of pink and chum salmon stocks;

(3) the Canoe Bay Section of the South Central District; fishing periods shall be established based on the abundance of pink and chum salmon stocks;

(4) in the Cold Bay, Thin Point, and Morzhovoi Bay Sections of the Southwestern District as follows:

(A) fishing periods in the Cold Bay Section shall be established based on the abundance of sockeye and chum salmon stocks;

(B) fishing periods in Thin Point Cove and Morzhovoi Bay Sections shall be established based on the abundance of sockeye salmon stocks.

(g) In addition to the terminal harvest areas specified in (f), of this section, the commissioner may open, by emergency order, the following terminal harvest areas to salmon fishing from July 22 through July 31:

(1) the Northwest Stepovak Section of the Southeastern District Mainland (near Suzy Creek), after July 25, the waters east of 160° 19.00' W. long. (in Dorenoi Bay), west of the cape separating Chichagof Bay and West Cove (160° 14.57' W. long.) and north of 55° 37.33' N. lat.; fishing periods shall be established based on the abundance of local pink salmon stocks;

(2) the Stepovak Flats Section of the Southeastern District Mainland, from July 26 through July 28; fishing periods shall be established based on the abundance of local chum salmon stocks;

(3) the Mino Creek-Little Coal Bay and East Pavlof Bay Sections of the South Central District; fishing periods shall be established based on the abundance of local pink and chum salmon stocks;

(4) the Belkofski Bay Section of the Southwestern District; fishing periods shall be established based on the abundance of local pink and chum salmon stocks;

(5) the Deer Island Section of the Southwestern District; fishing periods shall be established based on the abundance of local pink salmon stocks.

(h) The commissioner may open, by emergency order, the commercial salmon fishery in the South Alaska Peninsula as follows:

(1) from August 1 through August 31, fishing periods shall be based on the abundance of local sockeye, coho, pink, and chum salmon stocks;

(2) from September 1 through October 31, fishing periods shall be based on abundance of coho salmon stocks, although the department may consider the abundance of late pink and chum salmon stocks.

(i) The department shall conduct a seine test fishery in the Shumagin Islands Section to assess the presence of immature salmon. If 100 or more immature salmon, per set, are present, the commissioner shall close, by emergency order, the seine fishery in an area to be determined by the department. If the seine fishery is closed in an area under this subsection, the set gillnet fishery shall remain open in that area. For the purposes of this subsection, "immature salmon, per set, are present" means the number of immature chinook, sockeye, coho, and chum salmon observed to be gilled in the seine web.

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5 AAC 09.369. NORTHERN DISTRICT SALMON FISHERIES MANAGEMENT PLAN.

(a) The purpose of this management plan is to provide guidelines to the department for the management of salmon stocks in the Northern District of the Alaska Peninsula Management Area.

(b) The department shall manage the Northern District salmon fisheries on the basis of salmon abundance as determined by escapement information and catch-per-unit-effort information. The department shall manage each section of the Northern District as specified in this management plan and 5 AAC 09.320.

(c) In the Black Hills Section,

(1) before July 1, fishing periods may be modified based on the abundance of chinook and sockeye salmon stocks;

(2) from July 1 through August 15, fishing periods may be modified based on the abundance of sockeye and chum salmon stocks; and

(3) after August 15, fishing periods may be modified based on the abundance of coho salmon stocks.

(d) The Caribou Flats Section is closed to commercial salmon fishing.

(e) In the Nelson Lagoon Section,

(1) from May 1 through June 15, fishing periods may be modified based on the abundance of Nelson Lagoon chinook salmon stocks;

(2) from June 16 through August 15, fishing periods may be modified based on sockeye salmon escapement and harvest information in Nelson Lagoon; and

(3) after August 15, fishing periods may be modified based on the abundance of Nelson Lagoon coho salmon stocks.

(f) In the Herendeen-Moller Bay Section, fishing periods for pink and chum salmon stocks may be modified so that pink salmon fishing periods will not jeopardize local chum salmon stocks.

(g) In the Port Moller Bight Section, fishing periods may be modified based on the abundance of Bear River sockeye salmon stocks.

(h) In the Bear River Section, fishing periods may be modified based on sockeye salmon escapement to the Bear and Sandy Rivers. Before taking management actions in the Bear River Section during June, such as modification of fishing time and area by emergency order, the commissioner shall consider the chinook salmon runs into the King Salmon, Bear, and Sandy Rivers.

(i) In the Three Hills Section before July 21, fishing periods may be modified based on the abundance of sockeye salmon stocks in the Bear, Sandy, and Ilnik Rivers. Beginning July 21, fishing periods in the Three Hills Section may be modified based on the abundance of sockeye salmon stocks in the Bear and Sandy Rivers. When sockeye salmon escapement objectives in the Bear or Sandy Rivers are not being met, the commissioner may close, by emergency order, a portion of the Bear River and Three Hills Sections. If sockeye salmon escapements into the Ilnik River, or the Ocean River when the Ocean River flows directly into the Bering Sea, are not being met and area closures in the Ilnik Section are not effective for meeting the sockeye salmon escapement goals, the commissioner may close, by emergency order, the eastern portion of the Three Hills Section.

(j) In the Ilnik Section,

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(1) notwithstanding 5 AAC 09.320(a)(3), from June 25 through July 4, commercial fishing will be permitted in the Ilnik Section southwest of the Unangashak Bluffs if 50 percent or more of the season ending lower escapement goal of sockeye salmon for the Ilnik River is met by June 25 or if escapement indicates the season ending lower escapement goal of 40,000 sockeye salmon will be met or exceeded by July 5; fishing periods may not begin before June 25 and may not last longer than 24 hours each; if the sockeye salmon harvest does not exceed 100,000 sockeye salmon and escapement warrants, alternate-day fishing periods will occur from June 25 through July 4 with at least a 24-hour closure between periods; sockeye salmon harvested inside Ilnik Lagoon are not included in the 100,000 sockeye salmon cap specified in this paragraph; if fishing is permitted before July 5 southwest of the Unangashak Bluffs, not including Ilnik Lagoon, the department shall closely monitor the fishery by obtaining accurate and timely catch reports within that portion of the Ilnik Section; the 100,000 sockeye salmon cap specified in this paragraph is based on the July 15 - 25, 1990 - 1997 average sockeye salmon harvest of 117,000 fish in that portion of the Ilnik Section located northeast of the Unangashak Bluffs to Strogonof Point; the acceptable range of harvest in this area is plus or minus 20 percent, from 80,000 - 120,000, with a target of 100,000 sockeye salmon;

(2) from July 5 through July 20,

(A) fishing periods may be modified in the Ilnik Section southwest of the Unangashak Bluffs based on the abundance of Ilnik River sockeye salmon stocks; if fishing does not occur in the Ilnik Section southwest of the Unangashak Bluffs, excluding Ilnik Lagoon, before July 5, the area northeast of the Unangashak Bluffs to Strogonof Point may be opened on July 15; if fishing time is allowed in the Ilnik Section southwest of the Unangashak Bluffs between June 25 through July 4, that portion of the Ilnik Section located northeast of Unangashak Bluffs to Strogonof Point may not be opened before July 25;

(B) the commissioner may take management action, such as time and area restrictions, in the Ilnik Section if the department determines there are management concerns for Ugashik River sockeye salmon stocks; if the commissioner closes that portion of the Egegik District specified in 5 AAC 06.359(c) for conservation of Ugashik River sockeye salmon stocks, time and area closures may include closing the Ilnik Section northeast of the Unangashak Bluffs to Strogonof Point;

(C) the commissioner may also take management action in the Ilnik Section if concern exists for Bear River sockeye salmon stocks and closures have not been effective in the Bear River and Three Hills Sections;

(3) from July 21 through August 15, fishing periods may be modified in the Ilnik Section based on the abundance of Bear River sockeye salmon stocks;

(4) after August 15, fishing periods may be modified in the Ilnik Section based on the abundance of coho salmon stocks in the Unangashak and Ilnik Rivers, and the Ocean River when the Ocean River flows directly into the Bering Sea.

(k) In the Inner Port Heiden Section, fishing periods may be modified based on the abundance of chinook salmon stocks during May and June, sockeye salmon stocks during July, and coho salmon stocks after July.

(l) The Outer Port Heiden Section is closed to commercial salmon fishing.

(m) In the Cinder River Section, fishing periods may be modified based on the abundance of chinook salmon stocks during May and June, sockeye salmon stocks during July, and coho salmon stocks after July.

5 AAC 09.378. PROHIBITIONS ON USE OF AIRCRAFT.

A person may not use or employ an aircraft to locate salmon for the commercial taking of salmon or to direct commercial fishing operations in the Alaska Peninsula Area one hour before, during, and one hour after a commercial salmon fishing period.

Appendix E.2. Aleutian Islands Management Area commercial salmon fishing regulations, 2001.

CHAPTER 12. ALEUTIAN ISLANDS AREA.

PLEASE NOTE THAT AS OF 1998 ALL LONGITUDE AND LATITUDE COORDINATES IN THE ALEUTIAN ISLANDS AREA HAVE BEEN CONVERTED TO DECIMAL MINUTES AND ARE BASED ON THE NORTH AMERICAN DATUM OF 1983.

ARTICLE 01. DESCRIPTION OF AREA.

5 AAC 12.001. APPLICATION OF THIS CHAPTER. Requirements set out in this chapter apply only to commercial fishing, unless otherwise specified. Subsistence, personal use, and sport fishing regulations affecting commercial fishing vessels or affecting any other commercial fishing activity are set out in the subsistence fishing regulations in 5 AAC 01 and 5 AAC 02, personal use fishing regulations in 5 AAC 77, and sport fishing regulations in 5 AAC 65 and 5 AAC 75.

5 AAC 12.100. DESCRIPTION OF AREA. The Aleutian Islands Area includes the waters of Alaska in the Aleutian Islands west of Cape Sarichef Light and west of a line extending from Scotch Cap through the easternmost tip of Ugamak Island, including the waters surrounding the Pribilof Islands, except the Atka-Amlia Islands Area described in 5 AAC 11.101.

ARTICLE 02. FISHING DISTRICTS AND SECTIONS.

5 AAC 12.200. DESCRIPTION OF DISTRICTS AND SECTIONS.

(a) Akutan District: all waters between Scotch Cap and Cape Sarichef Light and extending west to and including Akutan Pass. South of Scotch Cap, the eastern boundary of the district is a line extending from Scotch Cap through the easternmost tip of Ugamak Island.

(b) Unalaska District: all waters west of Akutan Pass to and including Umnak Pass

(1) Beaver Inlet Section: all waters between Cape Sedanka and Cape Kalekta and including Unalga Island;

(2) Unalaska Bay Section: all waters between Cape Kalekta and Cape Kovrizhka;

(3) Makushin Bay Section: all waters between Cape Kovrizhka and Spray Cape;

(4) Kashega Bay Section: all waters between Spray Cape and Konets Head;

(5) Southern Section: all waters between Konets Head and Cape Sedanka.

(c) Umnak District: waters west of Umnak Pass to Seguam Pass at 172° 50.00' W. long.

(d) Adak District: waters west of Atka Pass at 175° 23.00' W. long. to the terminus of the Aleutian Islands.

(e) Pribilof Islands District: all waters of Alaska surrounding the Pribilof Islands.

ARTICLE 03. SALMON FISHERY.

5 AAC 12.310. FISHING SEASONS.

(a) Salmon may be taken only from July 10 through September 30, except that in the Kashega Bay Section, salmon may be taken only from June 1 through September 30.

(b) There is no open commercial fishing for salmon in the Pribilof Islands District.

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5 AAC 12.320. WEEKLY FISHING PERIODS. Salmon may be taken

- (1) June 1 - July 18: from 6:00 a.m. Monday until 6:00 p.m. Friday;
- (2) from July 19 through September 30 salmon may be taken during the open season only during fishing periods established by emergency order.

5 AAC 12.330. GEAR. Salmon may be taken by purse seines, hand purse seines and beach seines.

5 AAC 12.331. GILLNET SPECIFICATIONS AND OPERATION. Repealed 1/29/72.

5 AAC 12.332. SEINE SPECIFICATIONS AND OPERATION.

- (a) Purse seines and hand purse seines may not be less than 100 fathoms nor more than 250 fathoms in length.
- (b) Beach seines may not be less than 100 fathoms in length and three fathoms in depth nor more than 250 fathoms in length and 12 fathoms in depth.
- (c) No lead may be less than 25 fathoms nor more than 150 fathoms in length.

5 AAC 12.350. CLOSED WATERS. The following waters are closed to commercial salmon fishing:

- (1) Iliuliuk Harbor vicinity: waters between Unalaska and Amaknak Islands west of 166° 32.00' W. long. and north of a line from 53° 52.28' N. lat., 166° 32.68' W. long. south of Agnes Beach to a point at 53° 52.28' N. lat., 166° 33.17' W. long. on Amaknak Island;
- (2) Humpback Bay: waters enclosed by a line from the western tip of Cathedral Point to 53° 45.23' N. lat., 166° 53.63' W. long.
- (3) the Pribilof Islands District.

5 AAC 12.355. SALMON PROCESSOR AND BUYER REPORTING REQUIREMENTS.

The operator of a floating salmon processing vessel or tender, or a shorebased processing operation, and a company employing aircraft used for transporting salmon, shall report in person, or by radio or telephone, to a local representative of the department located in the management area of intended operation before the start of processing or buying operations. The report must include the location and the date of intended operation, and identify and describe each vessel or other method of transport employed in hauling or processing salmon.

Appendix E.3. Atka-Amlia Islands Management Area commercial salmon fishing regulations, 2001.

CHAPTER 11. ATKA-AMLIA ISLANDS AREA.

PLEASE NOTE THAT AS OF 1998 ALL LONGITUDE AND LATITUDE COORDINATES IN THE ATKA-AMLIA AREA HAVE BEEN CONVERTED TO DECIMAL MINUTES AND ARE BASED ON THE NORTH AMERICAN DATUM OF 1983.

ARTICLE 01. DESCRIPTION OF AREA.

5 AAC 11.001. APPLICATION AND INTENT OF THIS CHAPTER. Repealed.

5 AAC 11.002. APPLICATION OF THIS CHAPTER.

Requirements set out in this chapter apply only to commercial fishing, unless otherwise specified. Subsistence, personal use, and sport fishing regulations affecting commercial fishing vessels or affecting any other commercial fishing activity are set out in the subsistence fishing regulations in 5 AAC 01 and 5 AAC 02, personal use fishing regulations in 5 AAC 77, and sport fishing regulations in 5 AAC 65 and 5 AAC 75.

5 AAC 11.100. DESCRIPTION OF AREA. Repealed.

5 AAC 11.101. DESCRIPTION OF AREA.

The Atka-Amlia Islands Area includes the waters of Alaska between Segum Pass (172° 50.00' W. long.) and Atka Pass (175° 23.00' W. long.).

ARTICLE 03. SALMON FISHERY.

5 AAC 11.310. FISHING SEASONS. Repealed.

5 AAC 11.311. FISHING SEASONS. Salmon may be taken only from August 1 through August 31.

5 AAC 11.320. WEEKLY FISHING PERIODS. Repealed.

5 AAC 11.321. WEEKLY FISHING PERIODS. Salmon may be taken only from 6:00 a.m. to 6:00 p.m. Mondays, Wednesdays, and Fridays.

5 AAC 11.330. GEAR. Repealed.

5 AAC 11.331. GILLNET SPECIFICATIONS AND OPERATION. Repealed.

5 AAC 11.332. SEINE SPECIFICATIONS AND OPERATION. Repealed.

5 AAC 11.333. GEAR. Salmon may be taken only by purse seines and set gillnets. A purse seine may be operated only by the holder of an Area M CFEC purse seine limited entry permit.

5 AAC 11.334. GILLNET SPECIFICATIONS AND OPERATIONS. The size and operation of a set gillnet are as follows:

(1) a set gillnet may not exceed 100 fathoms in length; a CFEC permit holder may not operate more than one set gillnet

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(2) a set gillnet must be operated in a substantially straight line, with no more than 25 fathoms of the offshore end set in any configuration;

(3) the mesh size of a set gillnet may not exceed five inches;

(4) the maximum depth of a set gillnet may not exceed 90 meshes;

(5) 25 fathoms of seine webbing may be used as a lead, and must be attached to the shoreward end of a set gillnet; the shoreward end of the lead or gillnet must be attached to the beach above high tide and must remain dry at all times;

(6) during hours of darkness, a set gillnet must be marked with at least one red light on the seaward end of the net.

5 AAC 11.335. SEINE SPECIFICATIONS AND OPERATIONS.

(a) A purse seine must be at least 100 fathoms long, but may not exceed 250 fathoms in length.

(b) A seine lead must be at least 25 fathoms long, but may not exceed 150 fathoms in length.

5 AAC 11.341. VESSEL LENGTH. Repealed.

5 AAC 11.342. VESSEL LENGTH. A vessel used for setnet fishing may not exceed 29 feet in overall length.

5 AAC 11.350. CLOSED WATERS. Repealed.

5 AAC 11.351. CLOSED WATERS. The waters specified in 5 AAC 39.290 are closed to salmon fishing.

5 AAC 11.370. REGISTRATION. Repealed.

5 AAC 11.371. REGISTRATION. An Atka-Amlia Islands Area seine and setnet permit holder shall register himself or herself and each vessel that the permit holder will use by contacting a department area management biologist in Dutch Harbor, Cold Bay, Sand Point, or other place specified by the department, at least 48 hours before the season opens or before beginning commercial fishing.

Appendix F.1. Method for calculating indexed total escapement.

Unusual circumstances may cause occasional deviation, but basically the methods of calculating estimated indexed total escapements without the use of a weir or tower are as follows:

Chinook, Sockeye, Coho: These species tend to have a much longer stream life than pink and chum salmon. Therefore, the indexed total escapement is usually the peak escapement count. Carcasses are included. However, it is recognized that there are problems in large systems such as Ilnik and Caribou-David's Rivers. The basic problem on large systems is the length of time, expense, and fuel needed to do a thorough survey yet meet more pressing obligations.

The Caribou and David's River complex (including Coastal and other nearby lakes) is so massive a system for the size of its runs that complete surveys will probably never be done.

At Thin Point Lagoon and Lake, estimates of sockeye in the lagoon are added together based on estimated time in lagoon, condition, and observations of when sockeye start to move from the lagoon to the lake.

In Morzhovoi (Middle Lagoon), Bluebill, Outer Marker, and Mortensen's Lagoon systems the escapement is calculated by adding estimates of spawning sockeye together with a span of about two weeks between surveys.

Pink and Chum Salmon: An approximate 21-day stream life is used to calculate total pink and chum escapements. Fish in saltwater during the final survey are added into the escapement estimate:

EXAMPLE

Survey Date	Pink	Chum	Fish at Mouth
July 10	5,000	0	5,000 P
July 17	25,000	0	10,000 P
August 1	100,000	0	10,000 P
August 15	150,000	0	12,000 P
			1,000 CH
September 1	150,000	5,000	2,000 CH
Estimated Total	255,000	7,000	

The indexed total escapement calculated by adding the figures in bold.

The estimate of 21 days stream life was used because significant numbers of carcasses seem to appear about three weeks after adult pinks and chums first appear in Alaska Peninsula streams. It is recognized that stream life can vary, however this method is easily duplicated and is comparable from year to year. Variation in stream life is likely a much smaller factor than variation between observers.

With the exception of several small streams, there are no problems of streams being obscured by brush or trees in the Alaska Peninsula and Aleutian Islands Areas. With several exceptions, visibility of spawning grounds is outstanding during periods of normal water flow and clear weather.

Appendix G.1. Field personnel list, 2001.

Employee	Title (PCN)	Duties and Location
Arnie Shaul	FB III (11-1033)	Area Management Biologist for salmon in the Aleutian Islands, western part of Alaska Peninsula Area and Port Heiden-Cinder River, Cold Bay
Bob Murphy	FB.III (11-1407)	Herendeen Bay to Strogonof Point Salmon Management Biologist, North Peninsula Herring Management Biologist, Port Moller. In charge of salmon scale collection.
Dan Connolly	FB II (11-1275)	Southeastern District-Alaska Peninsula Acting Area Salmon Management Biologist and South Peninsula/Aleutian Islands Areas Herring Management Biologist, Sand Point.
Joe Dinnocenzo	FB II (11-1833)	Alaska Peninsula Area Assistant Salmon Management Biologist, Cold Bay.
Ken Bouwens	FB II (11-1273)	Salmon Research Biologist.
Randy Weber	Pilot I (11-1430)	Pilot and Aircraft Mechanic, Kodiak.
Steve Hakala	Pilot I (11-1415)	Pilot, Sand Point.
Paul Horn	Pilot I (11-1838)	Pilot and Aircraft Mechanic, Chignik
Philip Tschersich	FB I (11-1352)	Bear Lake Weir, Port Moller Management Assistant.
Tracy McKinion	FB I (11-1433)	Port Moller, Salmon Research.
Steve Krueger	FB I (11-1911)	Nelson River Weir.
Heather Finkle	FB I (11-1431)	Bear Lake Research.
Joyce Soong	FB I (11-1403)	Summer Bay Lake Weir.

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Employee	Title (PCN)	Duties and Location
Greg Watchers	FB I (11-5269)	Summer Bay Lake Weir.
Holly Gittlein	FT III (11-1826)	Sandy River Weir/Bear Lake Weir.
Andy Probasco	FT III (11-1962)	Ilnik Weir.
Judy Brandt	FT III (11-5305)	Sandy River Weir/Bear Lake Weir.
Christoff (Buck) Furin	FT III (11-1416)	Orzinski Weir, Nelson River Weir.
Shawn Gundersen	FT III (11-1849)	Sand Point Fish Ticket Clerk.
Eric Neuland	FT III (11-1850)	Bear Lake Research.
Abe Shryock	FT III (11-1467)	Shumagin Test Fishing, Sand Point Commercial Catch Sampling.
Jason Manthey	FT II (11-5256)	Ilnik Weir.
Richard Fletcher	FT II (11-1957)	Nelson River Weir.
Aaron Holmes	FT II (11-1959)	Bear Lake Weir.
Ray Warner	FT II (11-1410)	Bear Lake Salmon Research.
Julie Vano	FT II (11-1521)	Port Moller Salmon Research.
Dodd Shay	FT II (11-D821)	Summer Bay Lake Weir.
Alexis Tomaris	FT II (11-1342)	Orzinski Lake Weir.

Appendix H.1. Distribution list, 2001.

Person/Organization	Location
Doug Mecum, Director CF	Juneau
Geron Bruce, Deputy Director CF	Juneau
Susan Shirley, Scientific Publications Specialist CF	Juneau
ADF&G Library CF	
ADF&G Library H & R	Anchorage
James Brady, Central Regional Supervisor	Anchorage
Gene Sandone, AYK Regional Supervisor	Anchorage
Denby Lloyd, Westward Regional Supervisor	Kodiak
Rod Campbell, Westward Region Finfish Supervisor	Kodiak
Patricia Nelson, Regional Salmon Research Supervisor	Kodiak
Ken Bouwens CF	Kodiak
Kevin Brennan CF	Kodiak
Robert Murphy CF (2 copies)	Port Moller
Arnie Shaul CF (2 copies)	Cold Bay
Joe Dinnocenzo CF	Cold Bay
Charlie Burkey CF (2 copies)	Sand Point
Southeastern Assistan Area Management Biologist (vacant)	Sand Point
Jim McCullough CF	Kodiak
George Pappas CF	Chignik
Mark Witteveen CF	Kodiak
CF	King Salmon
CF	Dillingham
CF	Bethel
CF	Nome
CF	Fairbanks
CF	Dutch Harbor
Len Schwarz, Sport Fish Division	Kodiak
Jim Fall, Subsistence Division	Anchorage
US Fish and Wildlife Service Kenai FAO PO Box 1670 Kenai, AK 99611	Brad Barr Concerned Area M Fishermen 5126 Foster Ave., S.E. Auburn, WA 98092
US Fish and Wildlife Service King Salmon FAO P.O. Box 277 King Salmon, AK 99613	

-Continued-

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-Continued-

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