

ANNUAL SUMMARY OF THE COMMERCIAL AND SUBSISTENCE SALMON
FISHERIES FOR THE ALASKA PENINSULA, ALEUTIAN ISLANDS,
AND ATKA-AMLIA ISLANDS MANAGEMENT AREAS, 2003



By

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ABSTRACT

The 2003 commercial salmon harvest for the Alaska Peninsula and Aleutian Islands Management Areas consisted of 7,257 chinook *Oncorhynchus tshawytscha*, 2,531,599 sockeye *O. nerka*, 184,234 coho *O. kisutch*, 4,276,898 pink *O. gorbuscha*, and 676,060 chum salmon *O. keta* for a total of 7,676,048 salmon. This was far below the previous 10-year total salmon harvest average of 12,422,686 fish. No commercial salmon fishery occurred in the Aleutian Islands or Atka-Amlia Islands Areas during 2003. The total exvessel value of the 2003 Alaska Peninsula commercial salmon fishery was approximately \$9,373,037. This was the third lowest exvessel value since 1979. The units of gear participating in 2003 consisted of 46 seine, 110 Area M drift gillnet, 4 Area T drift gillnet, and 86 Area M set gillnet.

A total of 165 Alaska Peninsula Area subsistence salmon permits were issued. The total Alaska Peninsula Area subsistence salmon harvest was estimated to be approximately 320 chinook, 10,188 sockeye, 4,177 coho, 1,229 pink, and 2,203 chum salmon for a total of 18,117 salmon. This was below the 1998-2002 average of 19,706 salmon. A total of 227 Unalaska District subsistence salmon permits were issued in 2003. The total Unalaska District subsistence salmon harvest was estimated to be approximately 27 chinook, 4,844 sockeye, 558 coho, 408 pink, and 41 chum salmon for a total of 5,878 fish. This was above the total 1998-2002 average Unalaska District harvest of 5,081 salmon. The 2003 Adak subsistence salmon harvest was estimated to be 363 sockeye salmon. The sockeye harvest was above the previous five-year (1998-2002) average of 290 sockeye. No other salmon species were reported harvested while the previous five-year average subsistence harvest of other species was 30 fish. Subsistence salmon data is not available for 2003 in the Atka-Amlia Islands, Umnak, Akutan, and Pribilof Islands Districts, because permits are not required for those locations.

The estimated 2003 chinook salmon escapement (all North Peninsula) of 11,100 fish was within the escapement goal range. The 2003 North Peninsula sockeye salmon escapement of 1,231,400 fish was far above the escapement objective of approximately 440,000 to 640,000 fish with objectives and goals being met or surpassed in all systems. The estimated South Peninsula sockeye salmon escapement of 198,200 fish was the highest on record. Based on limited data, Aleutian Islands Area sockeye salmon escapements were unusually strong. Alaska Peninsula Area coho salmon escapements were strong with 337,800 coho salmon documented in 37 North Peninsula systems and 182,000 fish documented in 80 South Peninsula streams. The estimated South Peninsula pink salmon escapement of 5,511,200 fish was far above the odd-numbered escapement goal range. The North Peninsula is not normally a strong pink salmon producer, especially during odd-numbered years. The 2003 escapement was small and below the goal in Bechevin Bay (800 escapement), the only North Peninsula location with a goal (1,600 salmon). Limited information indicated that the Aleutian Islands pink salmon escapement was strong for an odd-numbered year. The North and South Peninsula chum salmon escapements were both within their escapement goal ranges. The Aleutian Islands Area chum salmon runs are very small and there is no data for 2003.

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 Pribilof Islands and the Aleutian Islands west of Unimak Island and exclusive of the Atka-Amlia Management Area (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°50.00' W long.) and east of Atka Pass (175°23' W long.; Figure 1). The Alaska Peninsula Area is described in regulation 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

There are three seasonally staffed Alaska Department of Fish and Game (ADF&G) offices in the Alaska Peninsula Management Area located 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 in Cold Bay with assistance from the Dutch Harbor office.

To aid in annual salmon harvest and escapement 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 commercial, subsistence, and personal use report for the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Management Areas. Further details of commercial harvests and escapements can be found in the following reports: 1) North Alaska Peninsula Commercial Salmon Annual Management Report, 2003 (Murphy et al. *in press*), 2) South Alaska Peninsula Commercial Salmon Annual Management Report, 2003 (Burkey et al. *in press*) and, 3) Aleutian Islands and Atka-Amlia Islands Management Areas Annual Salmon Management Report, 2003 (Shaul and Dinnocenzo *in press*). Appendices of this report contain reference information including exvessel value 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), and a personnel list (Appendix G). A separate report (Bouwens et al. *in press*) provides estimated 2003 catch and escapement age, sex, and length data. Weir data collected on the Alaska Peninsula, the Aleutian Islands and Chignik Areas comparing 2003 with the most recent 10 years of salmon escapements can be found in Duesterloh (*in press*).

COMMERCIAL FISHERIES

A list of commercial salmon 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 Management 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).

In 1991, the Alaska Board of Fisheries (BOF), 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).

The Cinder River and Inner Port Heiden Sections and Ilnik Lagoon (part of the Ilnik Section) of the Alaska Peninsula Area compose an overlap area where both Alaska Peninsula Area (Area M) and Bristol Bay (Area T) permit holders are allowed to fish (5 AAC 39.120(d)). 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 from August 1 through December 31.

Commercial salmon fisheries in the Alaska Peninsula Management Area date back to at least 1882 when canneries were reportedly constructed on the South Peninsula at Orzinski (Orzenoi) Bay and Thin Point Cove (Freeburn 1976). However, the earliest catch records for the Alaska Peninsula Management Area date back to 1906 (Figures 2-6; Appendix B.1). The first commercial salmon catches recorded in the Aleutian Islands Management Area occurred 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.

Salmon harvested in the South Unimak and Shumagin Islands June fisheries include stocks migrating to a wide range of locations, including Bristol Bay and the Arctic-Yukon-Kuskokwim (A-Y-K) regions (5 AAC 09.365). The Southeastern District Mainland is primarily 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 2003, five companies purchased salmon (Appendix A.2) with an estimated salmon harvest value (exvessel) of \$9,372,037 (Appendix A.3). This was the third lowest exvessel value since at least 1979 and was 37 percent of the average value from 1996-2000 (Appendix A.4). However the 2003 exvessel value represented an increase from the exvessel values in 2001 and 2002. The South Unimak and Shumagin Islands June fisheries were worth \$1,522,431 or 16 percent of the entire Area M earnings in 2003 (Appendix A.3). The North Peninsula's exvessel value was \$4,465,904 or 48 percent of the total Alaska Peninsula Management Area earnings (Appendix A.3). The remainder of the commercial salmon harvest exvessel value came from the Post-June and Southeastern District Mainland (SEDM) fisheries.

The average annual exvessel value of the fishery (Area M permit holder's harvest only) declined from \$46,477,921 during 1991 through 1995 to \$25,077,088 during 1996 through 2000 and further declined to an average exvessel value of \$8,386,267 during 2001 through 2002 (Appendix A.4). Weak markets were the major reason for the decline in value. Coho salmon prices were slightly higher in 2003 than in 2002 while chinook and chum salmon prices were the same (Appendix A.5). The sockeye and pink salmon grounds prices were lower in 2003 than in 2002. The price of salmon declined substantially between the periods of 1979-1995 and 1996-2000. In 2001 through 2003, the exvessel prices for all species, except chum salmon, declined from the period of 1996-2000.

The average weights and approximate exvessel prices of salmon from 1979 through 2003 are listed in Appendix A.5. The average weights of commercially caught salmon vary from year to year but show no apparent trend over time.

In 2003, 46 of the 118 available seine permits, 110 of 160 available Area M drift gillnet permits, and 86 of 113 available set gillnet Area M permits were fished (Appendix A.6). In addition to Area M permit holders, four Area T drift gillnet permit holders made at least one delivery during the year (Appendix A.7). The effort level of all gear types was approximately the same as in 2002. The gear levels in 2002 and 2003 were the lowest since the 1970s as a result of poor market conditions and reduced harvest opportunity during June.

The 1993-2002 average commercial salmon harvest, by species, in the Alaska Peninsula and Aleutian Islands Management Areas was 12,422,686 salmon, composed of 16,239 chinook, 4,169,112 sockeye, 315,295 coho, 6,765,032 pink, and 1,157,008 chum salmon (Appendix B.1). In 2003, the Alaska Peninsula Area commercial harvest was 7,257 chinook, 2,531,599 sockeye, 184,234 coho, 4,276,898 pink, and 676,060 chum salmon for a total of 7,676,048 fish (Appendix B.1 and B.2). In 2003, the harvest of all species was below the previous 10-year average (Figures 2-6). The harvest of all species combined was 62 percent of the previous 10-year average. Chinook, sockeye, coho, pink, and chum salmon harvests were 45, 61, 59, 63, and 58 percent respectively of their previous 10-year average.

During 2003, seine fishermen harvested 26 percent of the chinook, 14 percent of the sockeye, 41 percent of the coho, 90 percent of the pink, and 71 percent of the chum salmon (Appendix B.3). Drift gillnet fishermen harvested 55 percent of the chinook, 58 percent of the sockeye, 27 percent of the coho, 1 percent of the pink, and 19 percent of the chum salmon. Set gillnet fishermen harvested 19 percent of the chinook, 28 percent of the sockeye, 32 percent of the coho, 9 percent of the pink, and 10 percent of the chum salmon harvested in the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Areas combined.

ESCAPEMENT

There are approximately 307 salmon spawning streams (including tributaries of some large systems) within the Alaska Peninsula Management Area (McCullough 2001). The South Peninsula has about 224 salmon systems with sockeye salmon documented in 37, pink salmon in 204 and chum salmon in 136 systems. A total of approximately 82 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 (McCullough 2001). Chum salmon are present in about 73 streams. Coho salmon have been identified in approximately 50 systems, but there are likely more.

In the Aleutian Islands and Atka-Amlia 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; although a few sockeye salmon systems are monitored with weirs. Currently, five salmon weirs are operated by ADF&G in the Alaska Peninsula Management Area: Orzinski, Ilnik, Bear, Nelson, and Sandy Rivers. In addition, during 2003, the U.S. Fish and Wildlife Service (FWS) operated weirs at McLees Lake on Unalaska Island, and at Mortensen's Lagoon near Cold Bay. This was the third year of operation for the McLees Lake and Mortensen's Lagoon weirs. The FWS operated a weir approximately 100 yards below the Frosty Creek Bridge in 2000 and near the Frosty Creek mouth in 2001 and 2002 (Watchers 2003).

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.

A tripod weir was installed at Ilnik in 1990 due to frequent poor conditions for estimating salmon abundance from the air, and the importance of determining fishing periods for both the Ilnik Lagoon fishery (predominantly set gillnet gear) and the Ilnik Section outside the lagoon (predominantly drift gillnet gear). However, the 500-foot long Ilnik weir was difficult to install and maintain. 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 worked much better at Ilnik than the old tripod weir and provided 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 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, in addition to its large size, the 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 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 our current knowledge of the salmon runs. From 1933 through 1952 no salmon counting structure was operated at Bear River. From 1953 through 1960 a weir was operated near the current 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 still in use.

A counting tower was operated on the Sandy River, at the current 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 2002, the weir was moved approximately one mile downstream.

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 M/V Kuroshima (freighter) oil spill. The salmon runs at Summer Bay Lake are relatively small compared to other Alaska Peninsula Area systems with weirs.

Aerial surveys are used to index escapement on non-weired systems and to monitor historical trends in annual escapements (Appendix F.1). Indexed escapement estimates using this methodology are presented in Appendix D.1. Escapement data are mostly limited to Alaska Peninsula chinook, sockeye, pink, and chum salmon. Coho salmon are not monitored in many streams due to the difficulty and expense of conducting surveys during the fall. Most escapement estimates in the text are indexed totals from aerial surveys except for tower or weir counts on the: Bear River and Nelson River (sockeye salmon) in 1962-2003, Nelson River (chinook and chum salmon) in 1962-1985, Orzinski (sockeye salmon) in 1990-2003, Ilnik (sockeye salmon) in 1991-2003, Sandy River (sockeye salmon) in 1994-2000 and 2002-2003, Thin Point Cove (sockeye salmon) in 1994-1998, and Middle Lagoon (sockeye salmon) in 1996. The indexed totals are likely lower than the actual total escapement. There are 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. Chinook, sockeye, pink, and chum salmon indexed total escapements from 1962 through 2003 are depicted in Figures 7-10.

The 1993-2002 average indexed total escapement by species in the Alaska Peninsula Area was 18,915 chinook, 1,070,203 sockeye, 4,162,601 pink, and 1,267,808 chum salmon (Appendix D.1). In 2003 the indexed total chinook salmon escapement of 11,078 fish was below the previous 10-year average (Appendix D.1) but within the indexed total escapement objective range of 8,700 to 17,400 fish (Figure 7; Nelson and Lloyd 2001). The 2003 indexed total sockeye salmon escapement of 1,429,603 fish was far higher than the previous 10-year average (Appendix D.1) and was well above the upper end of the escapement objective range of 834,000 fish (Figure 8; Nelson and Lloyd 2001). The 2003 indexed total pink salmon escapement of 5,531,220 fish was the second highest on record and was above the 1993-2002 average of 4,162,601 fish (Appendix D.1) and far above the upper end of the odd-year escapement goal of 3,280,500 fish (Figure 9; Nelson and Lloyd 2001). The 2003 indexed total chum salmon escapement of approximately 924,500 fish was within the 673,600 to 1,347,200 goal range (Figure 10) but below the previous 10-year average (Appendix D.1). Coho salmon escapement data were incomplete due to the difficulties and expense of conducting fall surveys. However 182,035 coho salmon were documented in 80 South Peninsula streams and 337,800 coho salmon were documented in 36 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. For further detailed escapement information including age, length, and sex refer to the Alaska Peninsula Management Area Salmon Escapement and Catch Sampling Results, 2003 (Bouwens et al. *in press*).

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 some of 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. Subsistence permits are not required in the Akutan, Umnak, Pribilof Islands, and Atka-Amlia Districts; consequently no catch estimates are available for the communities of Akutan, Nikolski, Atka, St. George, and St. Paul. The Atka-Amlia Islands Area as defined in the commercial fishing regulations, is a district of the Aleutian Islands Area in the subsistence fishing regulations. 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 were required).

In 2003, a total of 165 subsistence permits were issued in the Alaska Peninsula Area (Appendix C.1). This was more than the 156 permits issued in 2002 but below the 1998-2002 average of 188 permits. In the Aleutian Islands Area, 227 permits were issued for the Unalaska District (the second highest number of permits issued on record) and 6 permits were issued for the Adak District (Appendices C.1, C.2, and C.3). In 2003, 74 percent of the Alaska Peninsula Area, 69 percent of the

Unalaska District, and 83 percent of the Adak District subsistence permits were returned (Appendix C.2).

In 2003, the Alaska Peninsula Area subsistence salmon harvest was an estimated 18,117 salmon composed of 320 chinook, 10,188 sockeye, 4,177 coho, 1,229 pink, and 2,203 chum salmon (Appendices C.1 and C.2). The Unalaska District subsistence salmon harvest during 2003 was estimated to be 5,878 salmon composed of 27 chinook, 4,844 sockeye, 558 coho, 408 pink, and 41 chum salmon (Appendices C.1 and C.2). The Adak District subsistence salmon catch in 2003 was 363 sockeye salmon (Appendices C.2 and C.13).

The number of subsistence fishermen and the average amount of salmon caught for subsistence purposes in the Alaska Peninsula Area increased substantially between 1985-90 and 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 included more out-of-area residents fishing in Mortensen's Lagoon near Cold Bay (Appendix C.7). However, after 1998 the number of permits issued generally declined (Appendix C.1). The reason for the decline, although not completely understood, could be attributed to a decrease (from 80 in 1998 to 24 in 2003) of non-local permit holders.

There is considerable variation in the species and numbers of salmon used for subsistence, among communities (Appendices C.4 and C.5). This variation may be due to differences in salmon availability from year to year and personal preference of each community.

In 2003, four non-local permit holders fished in Mortensen's Lagoon as compared to 15 residents of Cold Bay and 16 residents of King Cove (Appendix C.6). In the years 1991 through 1998, the Mortensen's Lagoon subsistence fishery attracted more non-local Alaska residents (primarily from Anchorage and the Matanuska-Susitna Valley) than any other Alaska Peninsula Area subsistence fishery. This occurred primarily because of the easy road access between the Cold Bay airport and the lagoon and the availability of reasonable (even free) air transportation available to some fishermen. During 1991-1998, the average number of non-local permit holders estimated to have fished Mortensen's Lagoon was 25, compared to 13 local permit holders from Cold Bay and six local permit holders from King Cove. During the years 1999-2003, the average number of non-local permit holders fishing at Mortensen's Lagoon fell to 5 compared to 12 local permit holders from Cold Bay and 9 local permit holders from King Cove (Appendix C.7). The reason for the decreased number of non-local residents estimated to have fished in Mortensen's Lagoon in 1999 through 2003 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 (Appendix C.8). Lenard Harbor, near the King Cove road system, is also an important source of coho salmon for subsistence purposes (Appendices C.9 and C.10).

The major Unalaska Island subsistence salmon fishing locations during 2003 are listed in Appendix C.11. The Reese Bay subsistence fishery, on Unalaska Island, occurs on a sockeye salmon run that appears to be fully utilized by subsistence fishermen during most years. The 2001, 2002, and 2003 Reese Bay sockeye salmon runs were unusually large and more fish could have been harvested.

Unpublished ADF&G data documents sockeye salmon estimates from aerial surveys in 2001 and 2002 were three times as large as the second highest year (1997) and over 10 times the average for 16 years between 1974 and 2000. In 2003, it was not possible to do an aerial survey until after most of the fish had died. The 2003 Reese Bay harvest was an estimated 4,388 sockeye salmon (Appendices C.11 and C.12). Reese Bay received more fishing effort (estimated 106 permit holders) than all of the other locations on Unalaska Island combined during 2003.

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 also harvested on the north side of Adak Island. After 1993, the personal use effort decreased 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 4 chum salmon were harvested (Appendix C.3). From 1998 through 2002, an average of 10 Adak District subsistence permits were issued with an average harvest of 290 sockeye, 5 coho, and 24 pink salmon harvested (Appendix C.3). In 2003, six permits were issued and the estimated salmon harvest was 363 sockeye salmon (Appendices C.3 and C.13).

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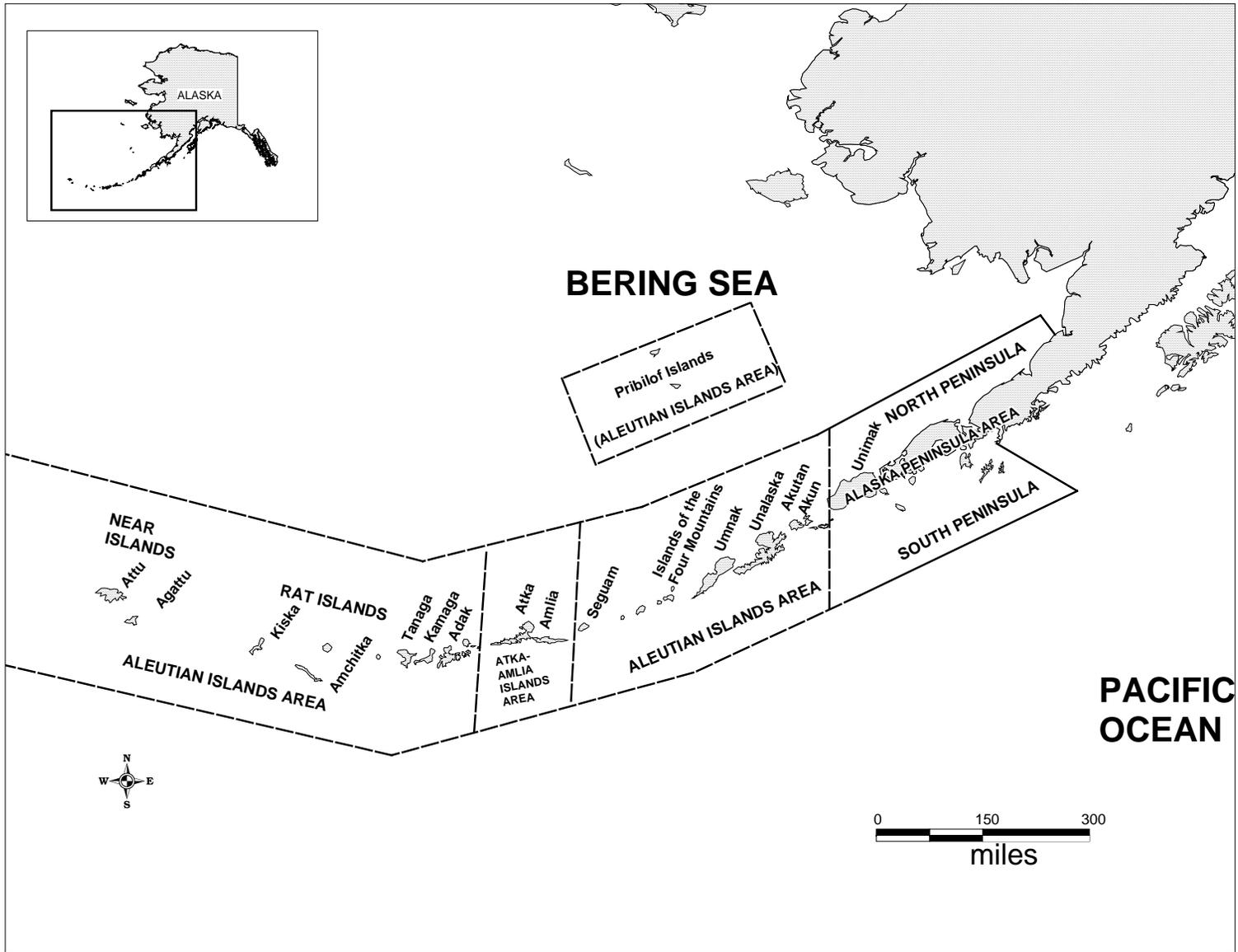


Figure 1. Map of the Aleutian Islands, Atka-Amlia Islands, and Alaska Peninsula Management Areas.

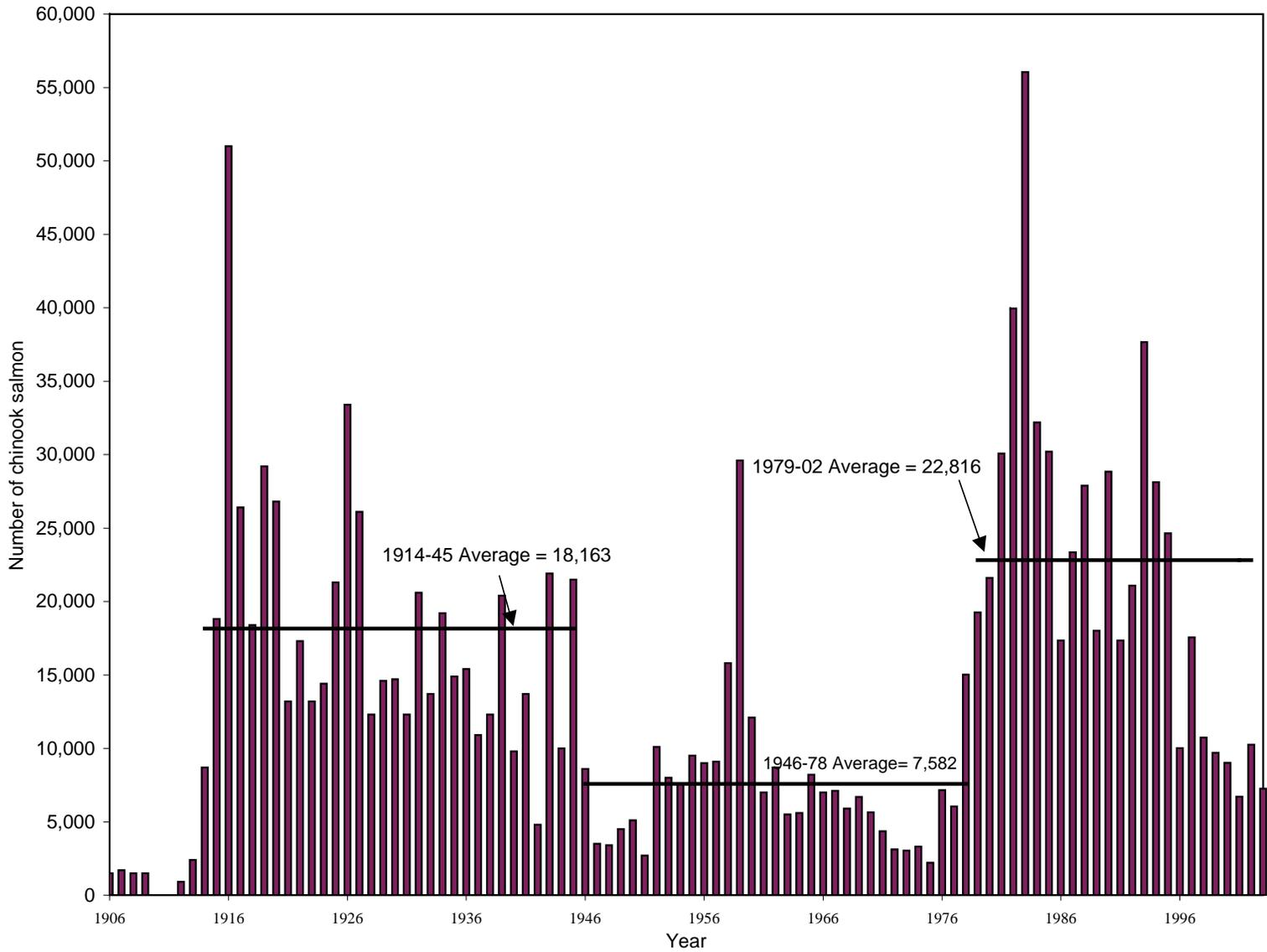


Figure 2. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Areas harvest of chinook salmon by year, 1906-2003.

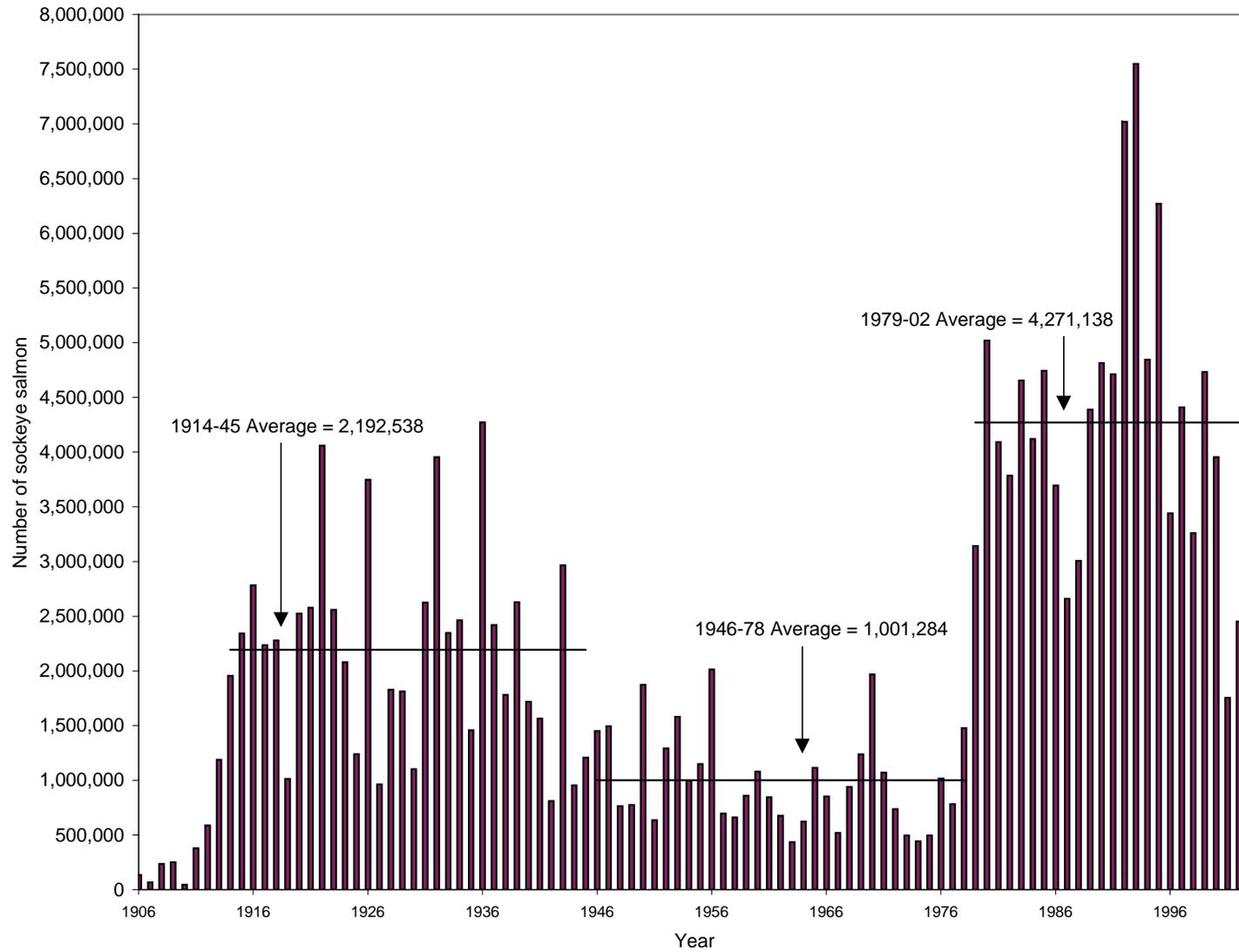


Figure 3. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Areas harvest of sockeye salmon by year, 1906-2003.

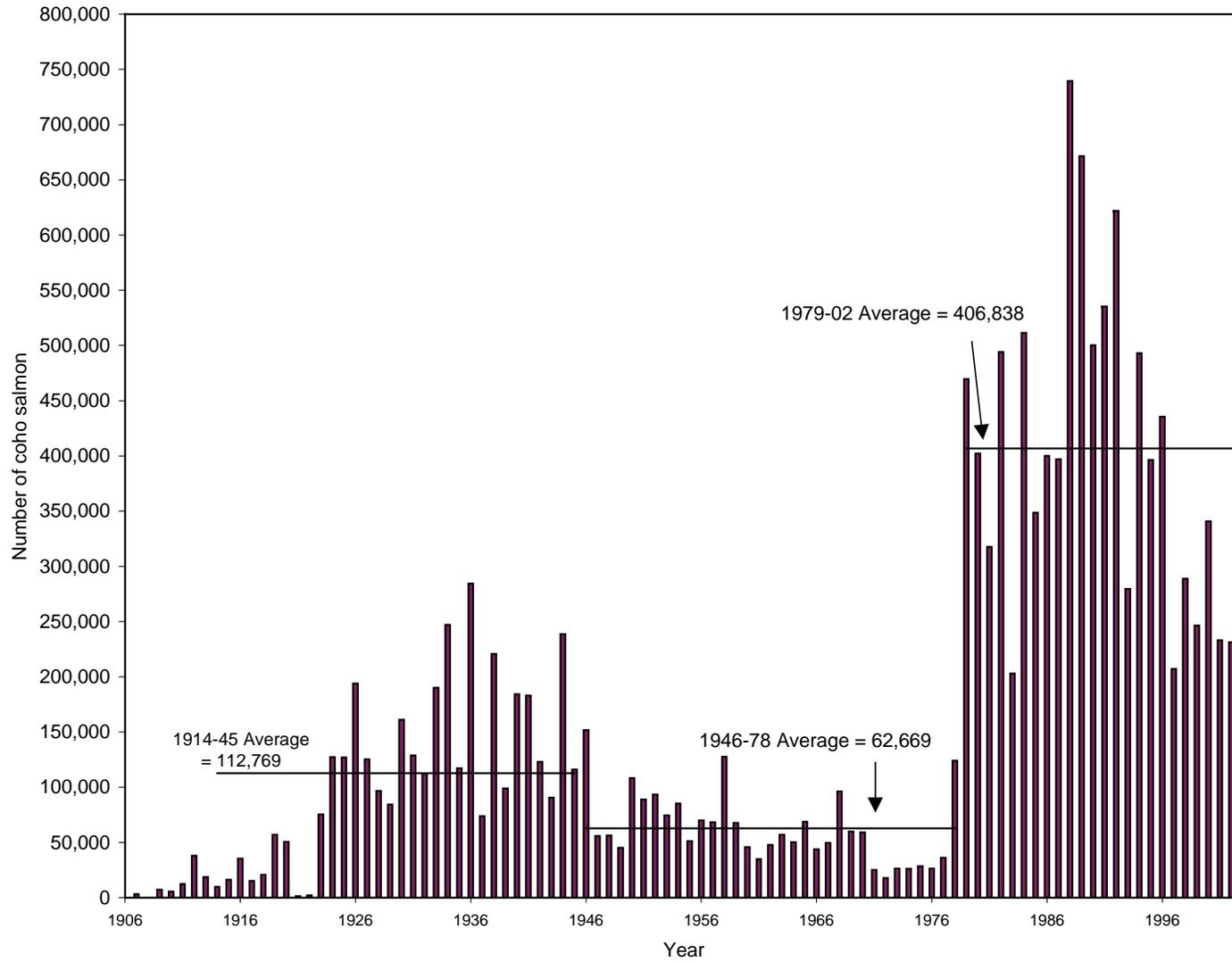


Figure 4. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Areas harvest of coho salmon by year, 1906-2003.

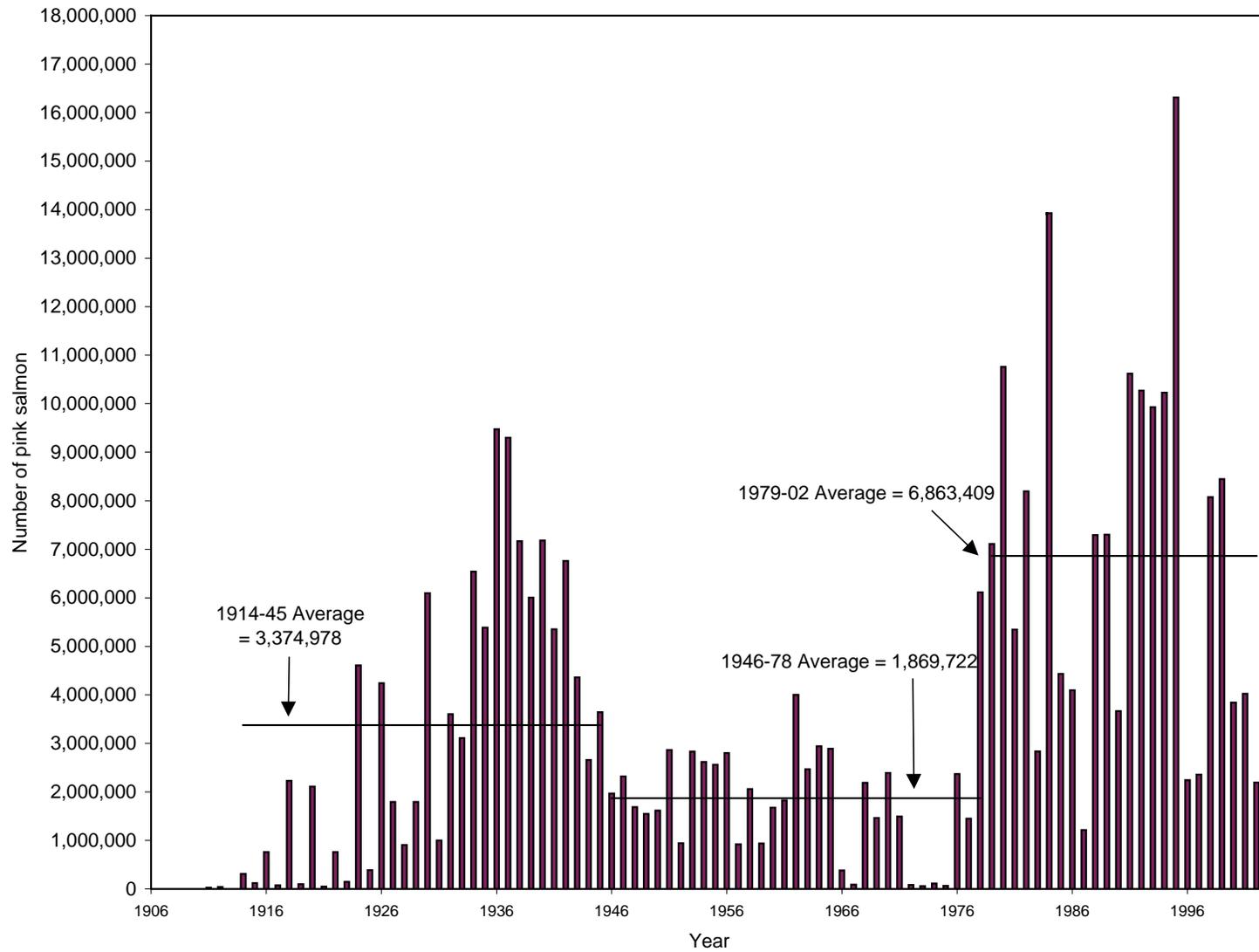


Figure 5. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Areas harvest of pink salmon by year, 1906-2003.

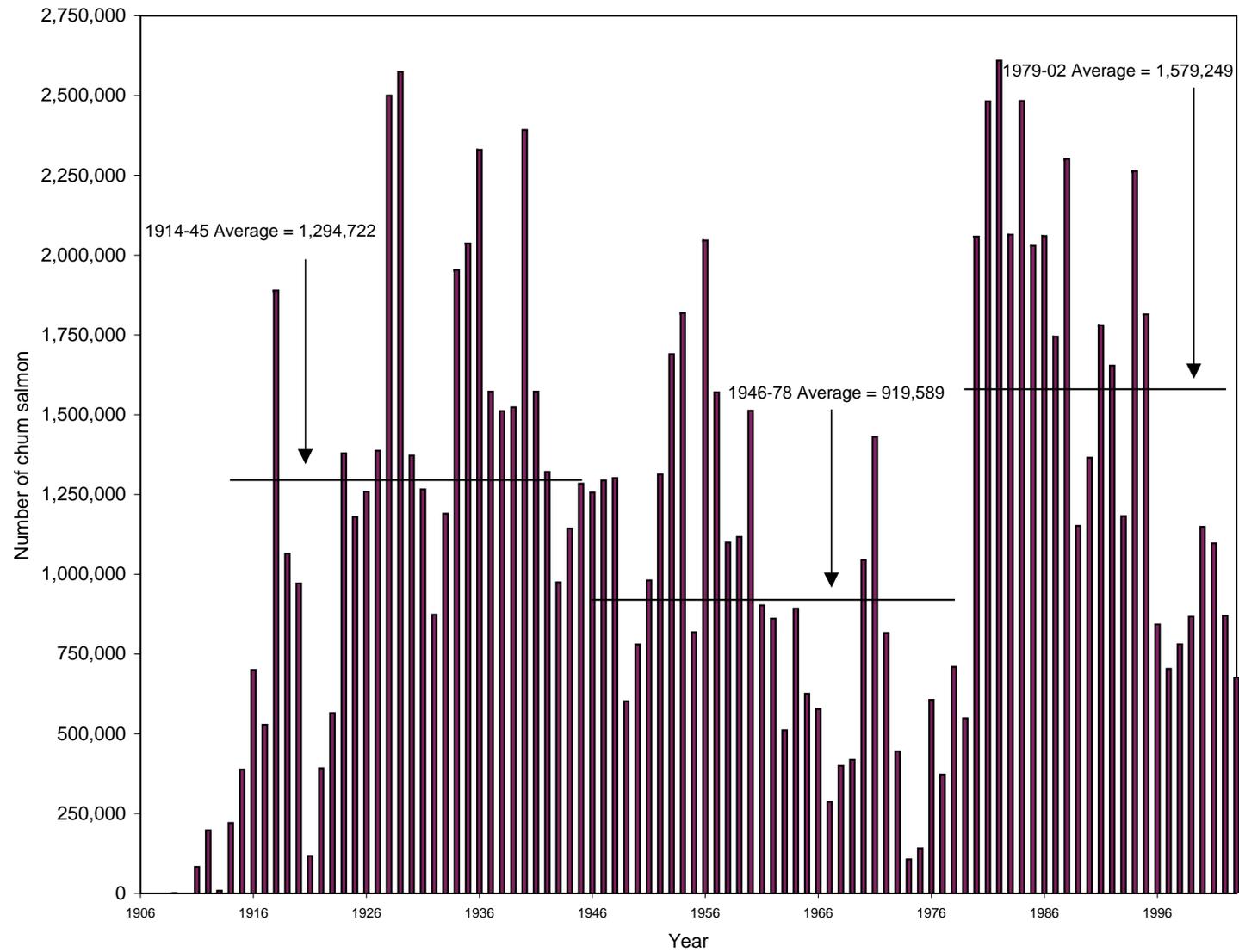


Figure 6. The combined Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands Areas harvest of chum salmon by year, 1906-2003.

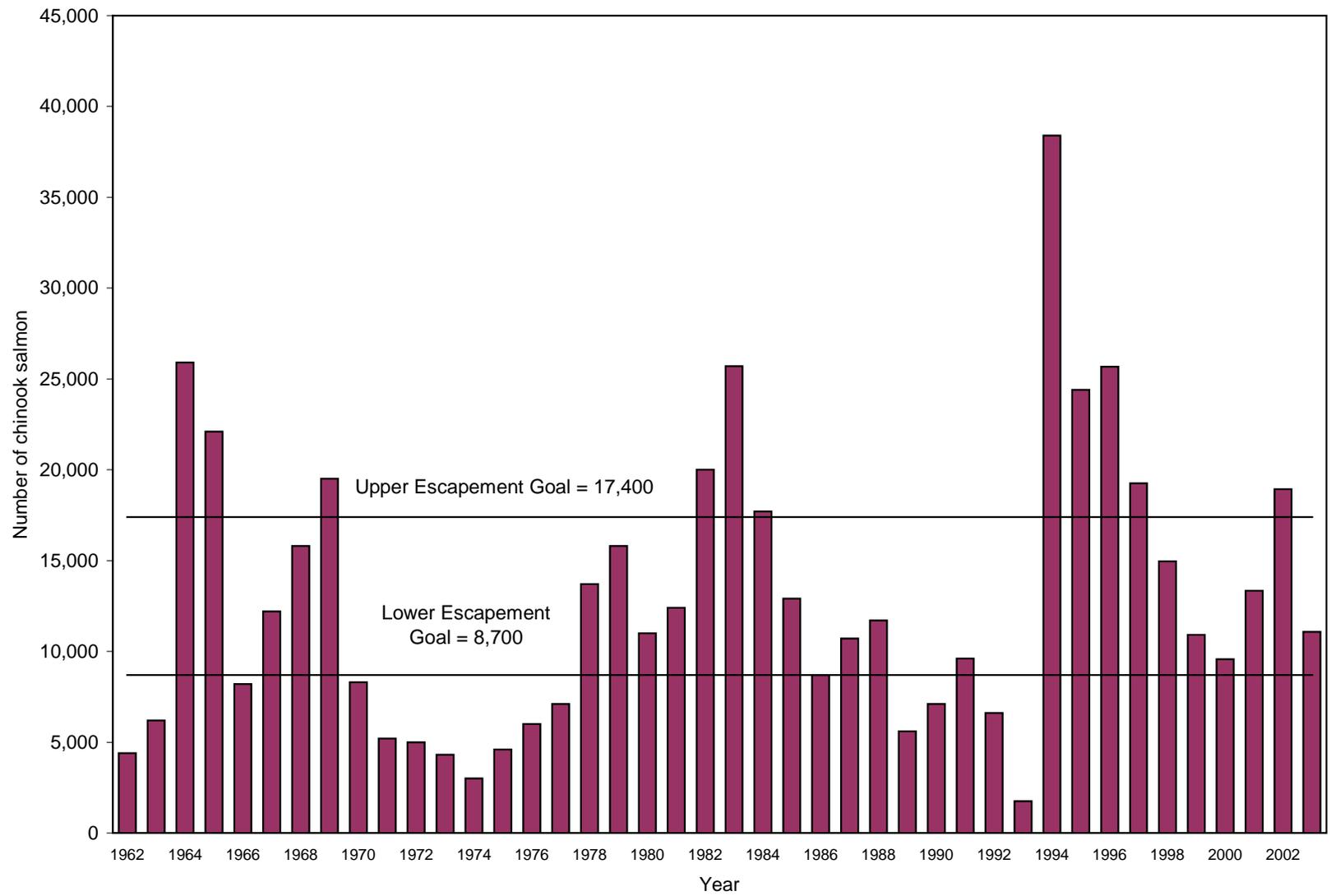


Figure 7. The Alaska Peninsula chinook salmon total indexed escapement by year, 1962-2003.

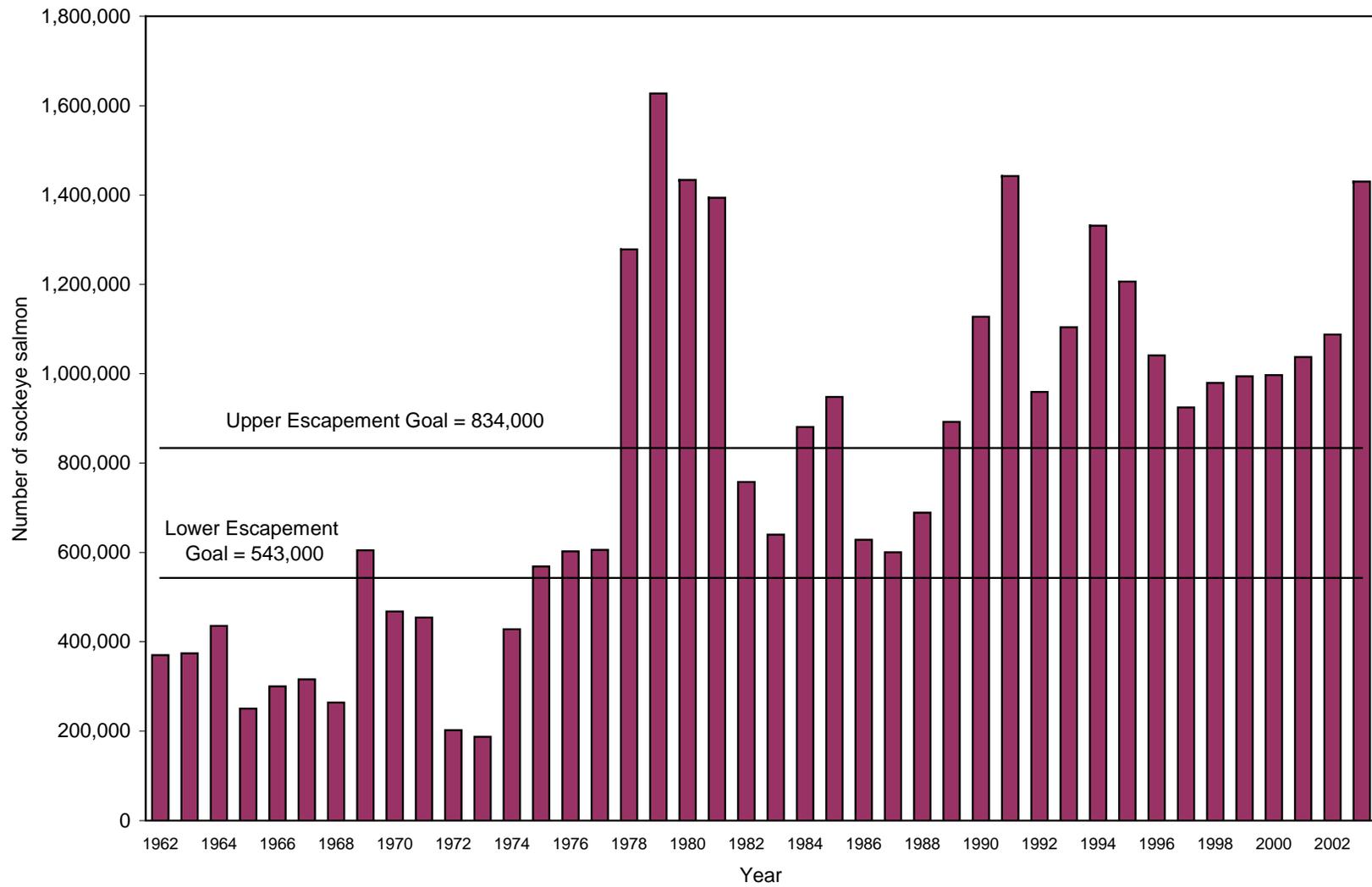


Figure 8. The Alaska Peninsula sockeye salmon total indexed escapement by year, 1962-2003.

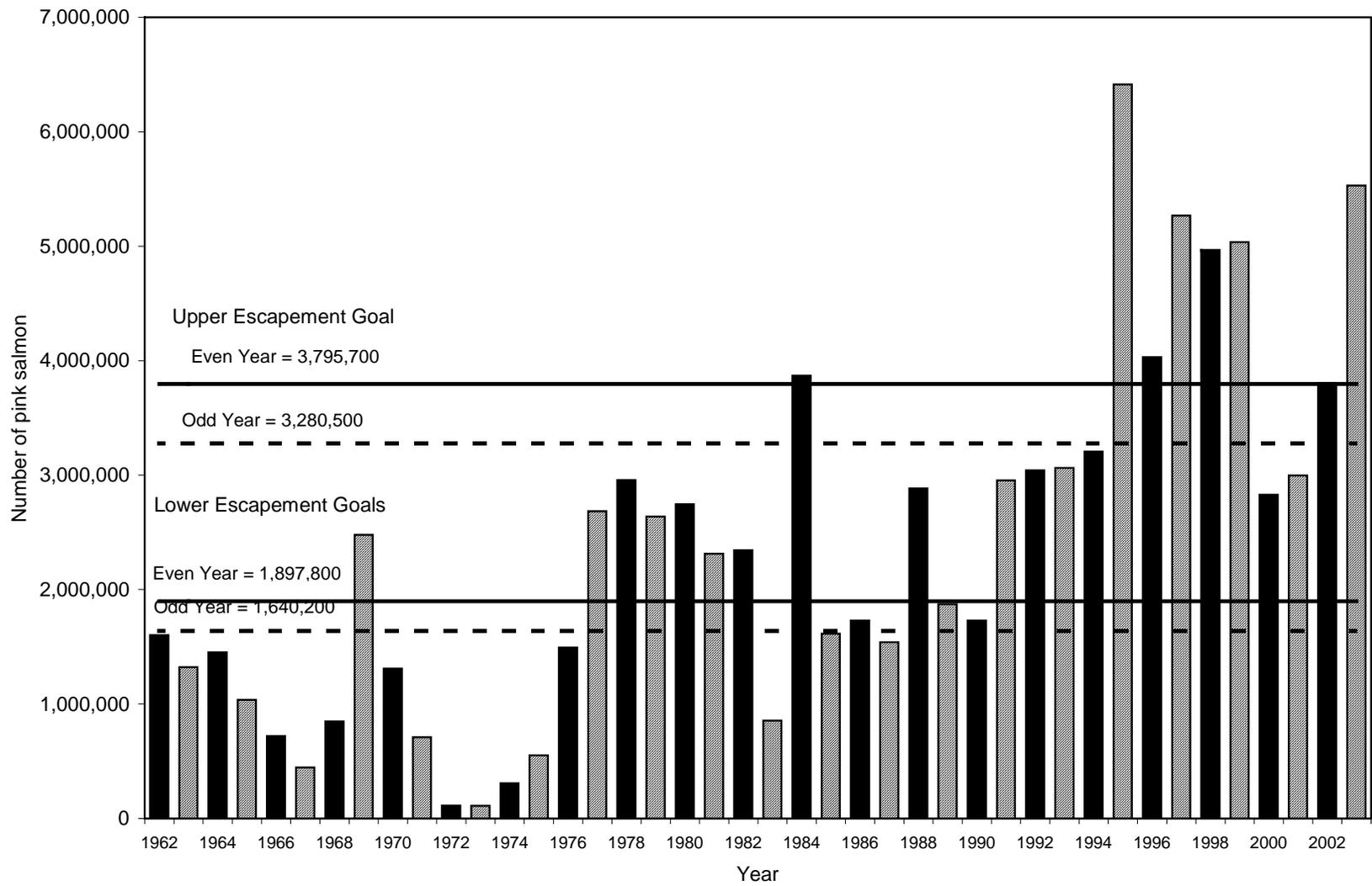


Figure 9. The Alaska Peninsula pink salmon total indexed escapement by year, 1962-2003.

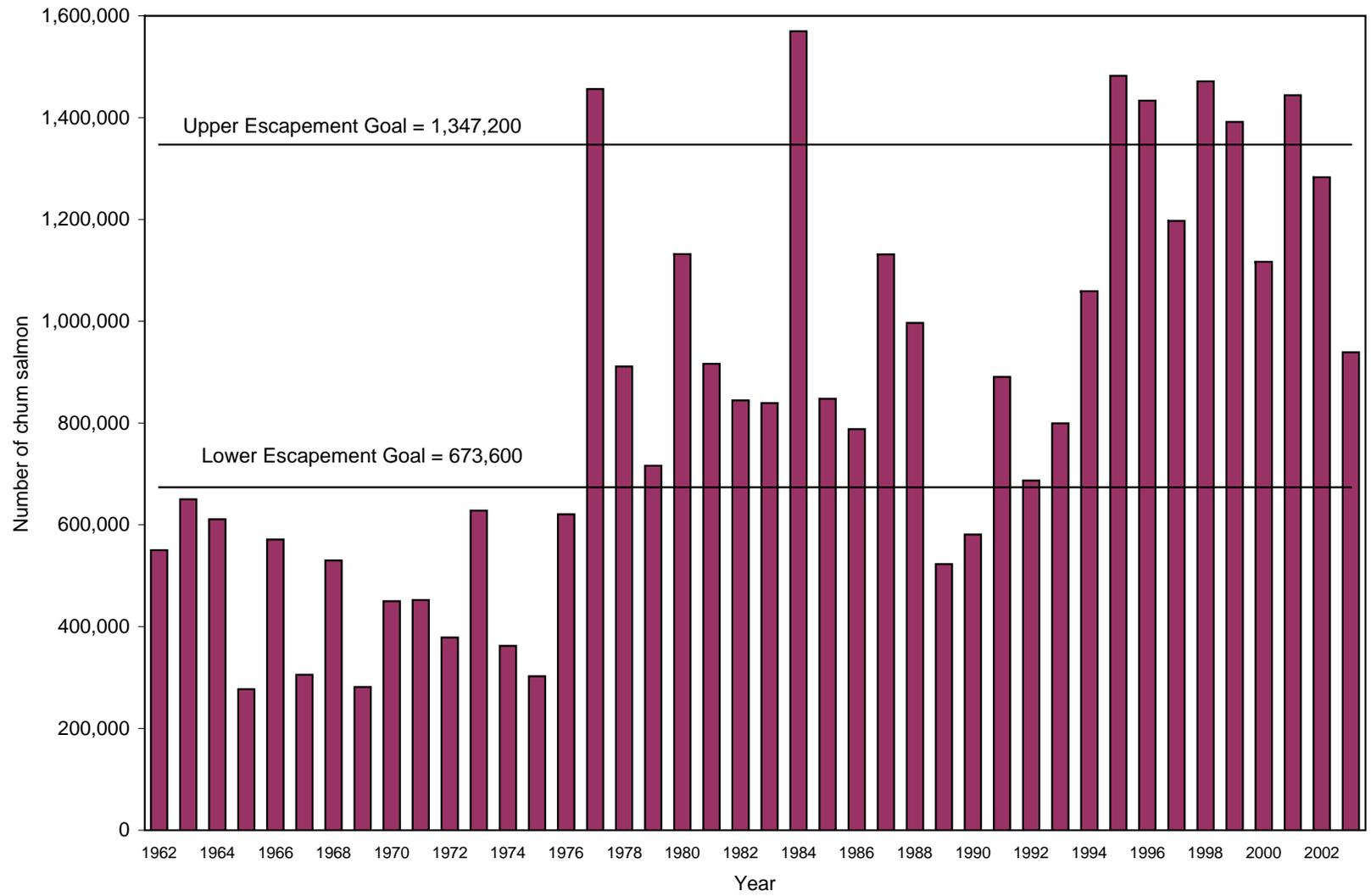


Figure 10. The Alaska Peninsula chum salmon total indexed escapement by year, 1962-2003.

APPENDIX

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^a</u> | 28100 through 28299 plus 28370, 28375, 28380, and 28390 |
| East Stepovak Section | 28134, 28135, 28136 |
| Stepovak Flats Section | 28133 |
| Northwest Stepovak Section | 28110 through 28132 |
| Orzinski and American Bays | 28131 |
| Southwest Stepovak Section | 28390 |
| Balboa Bay Section | 28380 |
| Beaver Bay Section ^a | 28370, 28375 |
| Shumagin Islands Section | 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 Section | 28100 through 28125 |
| Stepovak Flats Section | 28130 |
| Northwest Stepovak Section | 28140 through 28169 |
| Orzinski Bay | 28150 |
| American Bay | 28155 |
| Southwest Stepovak Section | 28170 |
| Balboa Bay Section | 28180 |
| Beaver Bay Section | 28190 |
| Shumagin Islands Section | 28200 through 28299 |
| <u>South Central District</u> | 28300 through 28399 |
| Mino Creek – Little Coal Bay Section | 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 |

-Continued-

| Area | Statistical Areas |
|---|-------------------------------|
| <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 (prior to 2000) | 31158 through 31160 |
| Bechevin Bay Section (2000 to present) | 31160 |
| Izembek- Moffet Bay Section (prior to 2000) | 31210 through 31240 |
| Izembek- Moffet Bay Section (2000 to present) | 31210 through 31240 and 31158 |
| <u>Northern District</u> | 31300 through 31899 |
| Black Hills Section | 31310 |
| Caribou Flats Section | 31320 |
| Nelson Lagoon Section | 31330 |
| Bear River Section | 31500 through 31599 |
| Three Hills Section | 31610 |
| Bear River Section | 31500 through 31599 |
| Three Hills Section | 31610 |
| Ilnik Section | 31620 through 31699 |
| Ilnik 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, 2003.

Alaska Peninsula Fisherman's Cooperative
P.O. Box 1488
Sumner, WA 98390
(253) 862-7284

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

Trinity Fisheries
PMB 1122
2440 Tudor Rd.
Anchorage AK 99507

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

Woodbine Alaska Fish Company
P.O. Box 757
Rio Vista, CA 94571
Phone (707) 374-5912

Appendix A.3. Estimated exvessel value of Alaska Peninsula and Aleutian Islands Management Areas commercial salmon fishery, 2003.

| | Chinook ^a | Sockeye ^a | Coho ^a | Pink ^a | Chum ^a | Total ^a |
|---|----------------------|----------------------|-------------------|-------------------|-------------------|--------------------|
| <i>SEINE</i> | | | | | | |
| <u>South Peninsula</u> | | | | | | |
| Poundage | 27,281 | 1,804,108 | 519,677 | 14,874,344 | 3,193,682 | 20,419,092 |
| Average Weight | 14.5 | 5.9 | 6.9 | 3.9 | 6.9 | |
| Exvessel Value (\$) | 6,820 | 938,136 | 52,000 | 743,000 | 316,000 | 2,055,956 |
| <u>Northwestern District</u> | | | | | | |
| Poundage | 15 | 294,130 | 0 | 215 | 89,115 | 383,475 |
| Average Weight | 15.0 | 5.6 | | 3.8 | 7.2 | |
| Exvessel Value | 4 | 152,948 | 0 | 12 | 8,911 | 161,875 |
| <u>Northern District</u> | | | | | | |
| Poundage | 0 | 0 | 0 | 0 | 0 | 0 |
| Average Weight | | | | | | |
| Exvessel Value (\$) | 0 | 0 | 0 | 0 | 0 | 0 |
| <u>North Peninsula Total</u> | | | | | | |
| Poundage | 15 | 294,130 | 0 | 215 | 89,115 | 383,475 |
| Average Weight | 15.0 | 5.6 | | 3.8 | 7.2 | |
| Exvessel Value (\$) | 4 | 152,948 | 0 | 12 | 8,911 | 161,875 |
| <u>Aleutian Islands Area</u> | | | | | | |
| Poundage | 0 | 0 | 0 | 0 | 0 | 0 |
| Average Weight | | | | | | |
| Exvessel Value (\$) | \$0 | 0 | 0 | 0 | 0 | 0 |
| <u>Alaska Peninsula and Aleutian Islands Areas Total</u> | | | | | | |
| Poundage | 27,296 | 2,098,238 | 519,677 | 14,874,559 | 3,282,797 | 20,802,567 |
| Average Weight | 14.5 | 5.9 | 6.9 | 3.9 | 6.9 | |
| Exvessel Value (\$) | 6,824 | 1,091,084 | 52,000 | 743,012 | 324,911 | 2,217,831 |
| <u>South Unimak and Shumagin Islands June Fisheries^{b,c}</u> | | | | | | |
| Poundage | 15,445 | 790,633 | 784 | 541,117 | 1,159,161 | 2,507,140 |
| Average Weight | 16.8 | 5.6 | 6.1 | 3.1 | 6.5 | |
| Exvessel Value (\$) | 3,861 | 411,129 | 9 | 27,056 | 115,916 | 557,971 |

-Continued-

Appendix A.3. (page 2 of 4)

| | Chinook | Sockeye | Coho | Pink | Chum | Total |
|---|---------|-----------|---------|---------|---------|------------|
| <i>DRIFT GILLNET</i> | | | | | | |
| <u>South Peninsula</u> | | | | | | |
| Poundage | 4,316 | 1,409,671 | 81,414 | 144,351 | 680,296 | 2,320,048 |
| Average Weight | 18.2 | 5.4 | 7.2 | 3.4 | 6.5 | |
| Exvessel Value (\$) | 1,079 | 734,000 | 8,200 | 7,200 | 68,000 | 818,479 |
| <u>Northwestern District</u> | | | | | | |
| Poundage | 21 | 54,187 | 229 | 2,571 | 28,431 | 85,439 |
| Average Weight | 21.0 | 6.0 | 6.2 | 4.0 | 6.7 | |
| Exvessel Value (\$) | 5 | 28,177 | 23 | 141 | 2,843 | 31,189 |
| <u>Northern District</u> | | | | | | |
| Poundage | 41,992 | 7,059,642 | 317,034 | 55,978 | 123,601 | 7,598,247 |
| Average Weight | 11.3 | 5.9 | 8.4 | 3.1 | 6.5 | |
| Exvessel Value (\$) | 10,498 | 3,671,013 | 55,172 | 3,000 | 12,360 | 3,752,043 |
| <u>North Peninsula Total</u> | | | | | | |
| Poundage | 42,013 | 7,113,829 | 317,263 | 58,549 | 152,032 | 7,683,686 |
| Average Weight | 11.3 | 5.9 | 8.4 | 3.2 | 6.5 | |
| Exvessel Value (\$) | 10,503 | 3,699,190 | 55,195 | 3,141 | 15,203 | 3,783,232 |
| <u>Alaska Peninsula and Aleutian Islands Areas Total</u> | | | | | | |
| Poundage | 46,329 | 8,523,500 | 398,677 | 202,900 | 832,328 | 10,003,734 |
| Average Weight | 11.7 | 5.8 | 8.1 | 3.3 | 6.5 | |
| Exvessel Value (\$) | 11,582 | 4,433,190 | 63,395 | 10,341 | 83,203 | 4,601,711 |
| <u>Area T</u> | | | | | | |
| Poundage | 0 | 0 | 13,880 | 0 | 0 | 13,880 |
| Average Weight | | | 6.7 | | | |
| Exvessel Value (\$) | 0 | 0 | 2,082 | 0 | 0 | 2,082 |
| <u>Area M</u> | | | | | | |
| Poundage | 46,329 | 8,523,500 | 384,797 | 202,900 | 832,328 | 9,989,854 |
| Average Weight | 11.7 | 5.8 | 8.2 | 3.3 | 6.5 | |
| Exvessel Value (\$) | 11,582 | 4,433,190 | 61,313 | 10,341 | 83,203 | 4,599,629 |
| <u>South Unimak-Shumagin Islands June Fisheries^{b,c}</u> | | | | | | |
| Poundage | 4,212 | 1,313,929 | 62 | 86,703 | 594,439 | 1,999,345 |
| Average Weight | 18.3 | 5.4 | 6.9 | 3.0 | 6.4 | |
| Exvessel Value (\$) | 1,053 | 683,243 | 1 | 4,335 | 59,444 | 748,076 |

-Continued-

Appendix A.3. (page 3 of 4)

| | Chinook | Sockeye | Coho | Pink | Chum | Total |
|---|---------|-----------|---------|-----------|---------|-----------|
| <i>SET GILLNET</i> | | | | | | |
| <u>South Peninsula</u> | | | | | | |
| Poundage | 7,806 | 3,185,957 | 352,566 | 1,278,128 | 472,813 | 5,297,270 |
| Average Weight | 13.1 | 6.5 | 7.9 | 3.5 | 7.0 | |
| Exvessel Value (\$) | 2,000 | 1,656,698 | 56,000 | 70,000 | 47,000 | 1,831,698 |
| <u>Northwestern District</u> | | | | | | |
| Poundage | 0 | 7,052 | 0 | 0 | 42 | 7,094 |
| Average Weight | | 5.3 | | | | |
| Exvessel Value (\$) | 0 | 3,667 | 0 | 0 | 4 | 3,671 |
| <u>Northern District</u> | | | | | | |
| Poundage | 16,058 | 1,319,002 | 130,780 | 73 | 21,448 | 1,487,361 |
| Average Weight | 19.7 | 5.8 | 8.5 | 3.7 | 6.7 | |
| Exvessel Value | 4,015 | 685,962 | 25,000 | 4 | 2,145 | 717,126 |
| <u>North Peninsula Total</u> | | | | | | |
| Poundage | 16,058 | 1,326,054 | 130,780 | 73 | 21,490 | 1,494,455 |
| Average Weight | 19.7 | 5.8 | 8.5 | 3.7 | 6.7 | |
| Exvessel Value (\$) | 4,015 | 689,629 | 25,000 | 4 | 2,149 | 720,797 |
| <u>Alaska Peninsula and Aleutian Islands Total</u> | | | | | | |
| Poundage | 23,864 | 4,512,011 | 483,346 | 1,278,201 | 494,303 | 6,791,725 |
| Average Weight | 16.9 | 6.3 | 8.0 | 3.5 | 7.0 | |
| Exvessel Value (\$) | 6,015 | 2,346,327 | 81,000 | 70,004 | 49,149 | 2,552,495 |
| <u>Area T</u> | | | | | | |
| Poundage | 0 | 0 | 0 | 0 | 0 | 0 |
| Average Weight | | | | | | |
| Exvessel Value (\$) | \$0 | 0 | 0 | 0 | 0 | 0 |
| <u>Area M</u> | | | | | | |
| Poundage | 23,864 | 4,512,011 | 483,346 | 1,278,201 | 494,303 | 6,791,725 |
| Average Weight | 16.9 | 6.3 | 8.0 | 3.5 | 7.0 | |
| Exvessel Value (\$) | 6,015 | 2,346,327 | 81,000 | 70,004 | 49,149 | 2,552,495 |
| <u>South Unimak-Shumagin Islands June Fisheries^{b,c}</u> | | | | | | |
| Poundage | 2,727 | 395,490 | 116 | 41,774 | 79,568 | 519,675 |
| Average Weight | 15.8 | 5.7 | 6.8 | 3.1 | 6.7 | |
| Exvessel Value (\$) | 682 | 205,655 | 1 | 2,089 | 7,957 | 216,384 |

-Continued-

Appendix A.3. (page 4 of 4)

| | Chinook | Sockeye | Coho | Pink | Chum | Total |
|---|---------|------------|-----------|------------|-----------|------------|
| <i>ALL GEAR COMBINED</i> | | | | | | |
| <u>South Peninsula</u> | | | | | | |
| Poundage | 39,403 | 6,399,736 | 953,657 | 16,296,823 | 4,346,791 | 28,036,410 |
| Average Weight | 15 | 6.1 | 7.3 | 3.8 | 6.8 | |
| Exvessel Value (\$) | 9,899 | 3,328,834 | 116,200 | 820,200 | 431,000 | 4,706,133 |
| <u>Northwestern District</u> | | | | | | |
| Poundage | 36 | 355,369 | 229 | 2,786 | 117,588 | 476,008 |
| Average Weight | 18 | 5.6 | 6.2 | 4.0 | 7.1 | |
| Exvessel Value (\$) | 9 | 184,792 | 23 | 153 | 11,758 | 196,735 |
| <u>Northern District</u> | | | | | | |
| Poundage | 58,050 | 8,378,644 | 447,814 | 56,051 | 145,049 | 9,085,608 |
| Average Weight | 13 | 5.9 | 8.4 | 3.1 | 6.5 | |
| Exvessel Value (\$) | 14,513 | 4,356,975 | 80,172 | 3,004 | 14,505 | 4,469,169 |
| <u>North Peninsula Total</u> | | | | | | |
| Poundage | 58,086 | 8,734,013 | 448,043 | 58,837 | 262,637 | 9,561,616 |
| Average Weight | 13 | 5.9 | 8.4 | 3.2 | 6.8 | |
| Exvessel Value | 14,522 | 4,541,767 | 80,195 | 3,157 | 26,263 | 4,665,904 |
| <u>Aleutian Islands Total</u> | | | | | | |
| Poundage | 0 | 0 | 0 | 0 | 0 | 0 |
| Average Weight | | | | | | |
| Exvessel Value (\$) | 0 | 0 | 0 | 0 | 0 | 0 |
| <u>Alaska Peninsula and Aleutian Islands Areas Total</u> | | | | | | |
| Poundage | 97,489 | 15,133,749 | 1,401,700 | 16,355,660 | 4,609,428 | 37,598,026 |
| Average Weight | 13 | 6.0 | 7.6 | 3.8 | 6.8 | |
| Exvessel Value (\$) | 24,421 | 7,870,601 | 196,395 | 823,357 | 457,263 | 9,372,037 |
| <u>Area T</u> | | | | | | |
| Poundage | 0 | 0 | 13,880 | 0 | 0 | 13,880 |
| Average Weight | | | 6.7 | | | |
| Exvessel Value (\$) | 0 | 0 | 2,082 | 0 | 0 | 2,082 |
| <u>Area M</u> | | | | | | |
| Poundage | 97,489 | 15,133,749 | 1,387,820 | 16,355,660 | 4,609,428 | 37,584,146 |
| Average Weight | 13.4 | 6.0 | 7.6 | 3.8 | 6.8 | |
| Exvessel Value (\$) | 24,421 | 7,870,601 | 194,313 | 823,357 | 457,263 | 9,369,955 |
| <u>South Unimak-Shumagin Islands June Fisheries^{b,c}</u> | | | | | | |
| Poundage | 22,384 | 2,500,052 | 962 | 669,594 | 1,833,168 | 5,026,160 |
| Average Weight | 16.9 | 5.5 | 6.3 | 3.1 | 6.5 | |
| Exvessel Value (\$) | 5,596 | 1,300,027 | 11 | 33,480 | 183,317 | 1,522,431 |

^a All value figures are estimates based on limited information with the chinook, coho, and chum salmon value figures more certain than those of sockeye and pink salmon.

^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 and Aleutian Islands Management Areas estimated exvessel value (\$) of commercially caught salmon by year, species, and gear, 1979-2003.

| 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 |
| | Set GN | 201,398 | 2,505,152 | 355,256 | 123,283 | 158,286 | 3,343,375 |
| | 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 |
| | Set GN | 88,426 | 1,250,283 | 274,813 | 133,000 | 388,800 | 2,135,322 |
| | 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 |
| | Set GN | 162,216 | 3,359,859 | 440,430 | 169,825 | 485,152 | 4,617,482 |
| | 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 |
| | Set GN | 299,612 | 1,690,697 | 701,940 | 93,090 | 380,606 | 3,165,945 |
| | 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 |
| | Set GN | 138,115 | 2,438,945 | 233,204 | 79,605 | 207,254 | 3,097,123 |
| | 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 |
| | Set GN | 160,861 | 3,680,216 | 524,907 | 241,183 | 316,356 | 4,923,523 |
| | 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 |
| | Set GN | 196,363 | 3,651,278 | 559,510 | 176,901 | 190,663 | 4,774,715 |
| | 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 |
| | Set GN | 59,587 | 4,274,463 | 414,342 | 74,198 | 243,344 | 5,065,934 |
| | 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 |
| | Set GN | 98,803 | 5,636,742 | 664,213 | 78,632 | 273,894 | 6,752,284 |
| | Total | 521,000 | 27,536,600 | 2,955,999 | 1,779,000 | 4,780,000 | 37,572,599 |

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Appendix A.4. (page 2 of 4)

| 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 |
| | Set GN | 142,743 | 7,280,243 | 1,172,610 | 817,226 | 787,019 | 10,199,841 |
| | 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 |
| | Set GN | 89,414 | 6,112,612 | 870,293 | 468,463 | 273,268 | 7,814,050 |
| | 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 |
| | Set GN | 91,435 | 6,685,754 | 670,804 | 69,974 | 197,143 | 7,715,110 |
| | 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 |
| | Set GN | 46,600 | 4,541,600 | 245,000 | 143,700 | 259,910 | 5,236,810 |
| | 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 |
| | Set GN | 58,600 | 8,635,000 | 594,000 | 261,000 | 214,000 | 9,762,600 |
| | 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 |
| | Set GN | 67,000 | 4,523,000 | 280,000 | 141,000 | 122,000 | 5,133,000 |
| | 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 |
| | Set GN | 32,140 | 4,506,000 | 551,140 | 174,390 | 250,050 | 5,513,720 |
| | 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 |
| | Set GN | 47,650 | 5,860,000 | 227,000 | 385,770 | 200,578 | 6,720,998 |
| | 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 |
| | Set GN | 13,512 | 4,402,700 | 268,020 | 60,167 | 59,650 | 4,804,049 |
| | Total | 64,725 | 16,720,700 | 948,320 | 437,370 | 408,740 | 18,579,855 |

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Appendix A.4. (page 3 of 4)

| 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 |
| | Set GN | 25,320 | 5,890,600 | 210,950 | 35,320 | 49,249 | 6,211,439 |
| | 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 |
| | Set GN | 16,041 | 5,074,600 | 147,200 | 240,319 | 121,524 | 5,599,684 |
| | 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 |
| | Set GN | 12,300 | 7,792,000 | 87,700 | 151,030 | 93,250 | 8,136,280 |
| | 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 |
| | Set GN | 9,115 | 4,461,500 | 118,750 | 127,047 | 117,363 | 4,833,775 |
| | Total | 52,475 | 20,022,500 | 542,260 | 1,514,123 | 882,763 | 23,014,121 |
| 2001 ^a | Seine | 4,658 | 522,000 | 144,001 | 1,219,050 | 646,616 | 2,536,325 |
| | Drift GN | 9,351 | 3,267,000 | 56,740 | 11,784 | 78,492 | 3,423,367 |
| | Set GN | 9,735 | 1,533,700 | 37,576 | 105,213 | 117,091 | 1,803,315 |
| | Total | 23,744 | 5,322,700 | 238,317 | 1,336,047 | 842,199 | 7,763,007 |
| 2002 ^a | Seine | 15,969 | 1,276,000 | 106,401 | 634,000 | 455,537 | 2,487,907 |
| | Drift GN | 10,879 | 4,218,000 | 30,405 | 8,260 | 128,010 | 4,395,554 |
| | Set GN | 7,444 | 1,971,700 | 21,462 | 75,020 | 50,439 | 2,126,065 |
| | Total | 34,292 | 7,465,700 | 158,268 | 717,280 | 633,986 | 9,009,526 |
| 2003 ^a | Seine | 6,824 | 1,091,084 | 52,000 | 743,012 | 324,911 | 2,217,831 |
| | Drift GN | 11,582 | 4,433,190 | 61,313 | 10,341 | 83,203 | 4,599,629 |
| | Set GN | 6,015 | 2,346,327 | 81,000 | 70,004 | 49,149 | 2,552,495 |
| | Total | 24,421 | 7,870,601 | 194,313 | 823,357 | 457,263 | 9,369,955 |
| 1991-95 AVG | Seine | 122,940 | 9,659,080 | 666,205 | 5,611,956 | 2,268,150 | 18,328,331 |
| | Drift GN | 79,916 | 20,726,300 | 407,322 | 42,764 | 419,862 | 21,676,164 |
| | Set GN | 50,398 | 5,613,120 | 379,428 | 221,172 | 209,308 | 6,473,426 |
| | Total | 253,254 | 35,998,500 | 1,452,955 | 5,875,892 | 2,897,320 | 46,477,921 |
| 1996-00 AVG | Seine | 24,189 | 4,088,200 | 263,252 | 1,764,346 | 388,565 | 6,528,552 |
| | Drift GN | 28,175 | 12,273,720 | 160,220 | 34,185 | 135,191 | 12,631,491 |
| | Set GN | 15,258 | 5,524,280 | 166,524 | 122,777 | 88,207 | 5,917,046 |
| | Total | 67,622 | 21,886,200 | 589,996 | 1,921,308 | 611,963 | 25,077,089 |

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Appendix A.4. (page 4 of 4)

| Year | Gear | Chinook | Sockeye | Coho | Pink | Chum | Total |
|---------|--------------|---------------|------------------|----------------|------------------|----------------|------------------|
| | Seine | 10,314 | 899,000 | 125,201 | 926,525 | 551,077 | 2,512,116 |
| 2001-02 | Drift GN | 10,115 | 3,742,500 | 43,573 | 10,022 | 103,251 | 3,909,461 |
| AVG | Set GN | 8,590 | 1,752,700 | 29,519 | 90,117 | 83,765 | 1,964,690 |
| | Total | 29,018 | 6,394,200 | 198,293 | 1,026,664 | 738,093 | 8,386,267 |

^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, 1979-2003.^a

| Year | Average Weight (lbs) | | | | | Average Price (\$/lb) ^b | | | | |
|-----------|----------------------|---------|------|------|------|------------------------------------|---------|------|------|------|
| | 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 |
| 2001 | 14.2 | 6.0 | 6.9 | 3.7 | 7.7 | 0.25 | 0.51 | 0.15 | 0.09 | 0.10 |
| 2002 | 13.4 | 5.5 | 6.8 | 3.6 | 7.3 | 0.25 | 0.55 | 0.10 | 0.08 | 0.10 |
| 2003 | 13.4 | 6.0 | 7.6 | 3.8 | 6.8 | 0.25 | 0.52 | 0.14 | 0.05 | 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 |
| 1996-2002 | | | | | | | | | | |
| Average | 15.2 | 5.7 | 7.0 | 3.3 | 7.2 | 0.37 | 0.84 | 0.28 | 0.11 | 0.10 |

^a Does not include test fishing data.

^b Does not include processor bonuses, incentives, RSW, or postseason adjustments.

Appendix A.6. Number of limited entry permits and fishing effort in the Alaska Peninsula and Aleutian Islands Management Areas, 1975-2003.

| Year | PURSE SEINE | | DRIFT GILLNET | | | SET GILLNET | | |
|-----------|-----------------------------------|--------------------------------|-----------------------------------|--------------------------------|---------------------------------|-----------------------------------|--------------------------------|---------------------------------|
| | Area M | Area M | Area M | Area M | Area T | Area M | Area M | Area T |
| | Permits ^a Available | Permits ^b Fished | Permits ^a Available | Permits ^b Fished | Permits ^{bc} Fished | Permits ^a Available | Permits ^b Fished | Permits ^{bc} Fished |
| 1975 | 126 | 56 | 173 | 102 | 6 | 109 | 40 | 1 |
| 1976 | 114 | 90 | 155 | 118 | 10 | 115 | 53 | 6 |
| 1977 | 113 | 87 | 156 | 114 | 15 | 108 | 57 | 8 |
| 1978 | 123 | 115 | 158 | 133 | 26 | 113 | 61 | 8 |
| 1979 | 123 | 136 | 161 | 178 | 21 | 113 | 86 | 10 |
| 1980 | 126 | 126 | 163 | 157 | 25 | 113 | 88 | 16 |
| 1981 | 127 | 122 | 164 | 155 | 18 | 115 | 88 | 21 |
| 1982 | 127 | 119 | 164 | 159 | 23 | 115 | 94 | 18 |
| 1983 | 127 | 122 | 166 | 159 | 18 | 114 | 94 | 7 |
| 1984 | 126 | 121 | 165 | 158 | 44 | 113 | 103 | 15 |
| 1985 | 127 | 123 | 165 | 158 | 44 | 113 | 103 | 18 |
| 1986 | 125 | 121 | 165 | 163 | 37 | 114 | 100 | 7 |
| 1987 | 125 | 116 | 165 | 163 | 48 | 114 | 108 | 9 |
| 1988 | 124 | 114 | 163 | 162 | 59 | 114 | 106 | 14 |
| 1989 | 126 | 119 | 164 | 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 | 124 | 118 | 164 | 164 | 77 | 114 | 108 | 9 |
| 1995 | 124 | 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 | 113 | 112 | 7 |
| 1999 | 121 | 74 | 161 | 160 | 21 | 113 | 107 | 1 |
| 2000 | 121 | 76 | 160 | 156 | 27 | 113 | 109 | 3 |
| 2001 | 121 | 64 | 160 | 137 | 4 | 113 | 99 | 1 |
| 2002 | 122 | 42 | 160 | 114 | 2 | 113 | 92 | 0 |
| 2003 | 118 | 46 | 160 | 110 | 4 | 113 | 86 | 0 |
| 1993-2002 | | | | | | | | |
| AVG | 123 | 88 | 163 | 154 | 40 | 114 | 107 | 6 |

^a Includes both permanent permits and interim use permits. It does not include interim-use permits of fishermen who qualified but did not request an interim-use permit. Also excluded from permits available, were permits revoked for reasons other than non-payment of fees and non-transferable permanent permits revoked for non-payment of fees when the permit holder is known to be deceased. Permits available as defined in this table may be lower than the numbers published by Commercial Fisheries Entry Commission in their adjudication and permit reports.

^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. Number of Area T permit holders fishing by general location in the Alaska Peninsula Area, 1984-2003.

| Year | Drift Gillnet | | | | Set Gillnet | | | |
|------|--|----------------------|-----------------|-----------------|--|----------------------|-----------------|-----------------|
| | Ilnik and Outer Port Heiden ^a | Inner Port Heiden | Cinder River | Total Area T | Ilnik and Outer Port Heiden ^a | Inner Port Heiden | Cinder River | Total Area T |
| 1984 | 8 | 19 | 25 | 52 | 8 | 4 | 11 | 15 |
| 1985 | 0 | 25 | 23 | 48 | 0 | 6 | 11 | 18 |
| 1986 | 13 | 23 | 1 | 37 | 13 | 7 | 0 | 7 |
| 1987 | 17 | 23 | 10 | 50 | 17 | 5 | 4 | 9 |
| 1988 | 22 | 28 | 18 | 68 | 22 | 7 | 7 | 14 |
| 1989 | 34 | 22 | 15 | 71 | 34 | 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 |
| 2002 | 0 | 0 | ^b | ^b | 0 | 0 | 0 | 0 |
| 2003 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 |

^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.

^b Confidentiality requirements prohibit releasing this information.

Appendix B.1. Alaska Peninsula and Aleutian Islands commercial salmon harvest in numbers of fish by year, for the South Peninsula, North Peninsula, Aleutian Islands, and Atka-Amlia Areas, 1906-2003.

| Year | | Chinook | Sockeye | Coho | Pink | Chum | Total ^a |
|------|-------------------------|----------|--------------|----------|----------|----------|--------------------|
| 1906 | South Peninsula | 0 | 0 | 0 | 0 | 0 | 0 |
| | North Peninsula | 1,500 | 135,000 | 0 | 0 | 0 | 136,500 |
| | <u>Aleutian Islands</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>Aleutian Islands</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>Aleutian Islands</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>Aleutian Islands</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>Aleutian Islands</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>Aleutian Islands</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>Aleutian Islands</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>Aleutian Islands</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>Aleutian Islands</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 |
| 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>Aleutian Islands</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 |

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Appendix B.1. (page 2 of 10)

| Year | | Chinook | Sockeye | Coho | Pink | Chum | Total ^a |
|------|------------------|---------|-----------|---------|-----------|-----------|--------------------|
| 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 |
| | Aleutian Islands | 0 | 76,500 | 1,200 | 180,300 | 100 | 258,100 |
| | 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 |
| | Aleutian Islands | 0 | 70,400 | 3,800 | 600 | 23,100 | 97,900 |
| | 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 |
| | Aleutian Islands | 0 | 55,200 | 4,400 | 75,600 | 135,200 | 270,400 |
| | 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 |
| | Aleutian Islands | 0 | 3,900 | 800 | 4,000 | 0 | 8,700 |
| | 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 |
| | Aleutian Islands | 0 | 10,100 | 2,800 | 0 | 0 | 12,900 |
| | 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 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | 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 |
| | Aleutian Islands | 0 | 14,000 | 0 | 0 | 0 | 14,000 |
| | 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 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 13,200 | 2,558,900 | 75,400 | 143,600 | 564,700 | 3,355,800 |
| 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 |
| | Aleutian Islands | 0 | 24,900 | 0 | 673,800 | 100 | 698,800 |
| | 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 |
| | Aleutian Islands | 0 | 18,600 | 0 | 3,800 | 9,100 | 31,500 |
| | 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 |
| | Aleutian Islands | 0 | 1,300 | 0 | 521,700 | 7,800 | 530,800 |
| | Total | 33,400 | 3,745,700 | 193,800 | 4,241,400 | 1,259,100 | 9,473,400 |

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Appendix B.1. (page 3 of 10)

| Year | | Chinook | Sockeye | Coho | Pink | Chum | Total ^a |
|------|------------------|---------|-----------|---------|-----------|-----------|--------------------|
| 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 |
| | Aleutian Islands | 0 | 17,300 | 0 | 334,600 | 0 | 351,900 |
| | 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 |
| | North Peninsula | 4,600 | 855,600 | 0 | 0 | 83,500 | 943,700 |
| | 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 |
| | North Peninsula | 4,100 | 878,000 | 0 | 0 | 145,200 | 1,027,300 |
| | 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 |
| | North Peninsula | 3,800 | 167,700 | 0 | 0 | 93,400 | 265,200 |
| | 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 |
| | North Peninsula | 1,300 | 761,000 | 0 | 0 | 54,900 | 817,200 |
| | 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 |
| | North Peninsula | 3,200 | 977,100 | 0 | 0 | 56,300 | 1,036,600 |
| | 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 |
| | North Peninsula | 1,100 | 350,100 | 0 | 0 | 16,000 | 367,200 |
| | 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 |
| | North Peninsula | 1,600 | 1,091,300 | 0 | 400 | 13,000 | 1,106,300 |
| | Total | 19,200 | 2,463,700 | 247,100 | 6,538,900 | 1,953,300 | 11,222,200 |
| 1935 | S.Pen & Aleutian | 13,900 | 978,400 | 117,200 | 5,386,200 | 2,003,100 | 8,498,800 |
| | North Peninsula | 1,000 | 479,200 | 0 | 100 | 33,800 | 514,100 |
| | 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 |
| | North Peninsula | 1,000 | 610,700 | 0 | 2,800 | 19,000 | 633,500 |
| | 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 |
| | North Peninsula | 1,600 | 860,900 | 0 | 100 | 65,600 | 928,200 |
| | 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 |
| | North Peninsula | 5,900 | 1,009,600 | 0 | 0 | 34,700 | 1,050,200 |
| | 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 |
| | North Peninsula | 3,900 | 746,200 | 0 | 0 | 82,200 | 832,300 |
| | 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 |
| | North Peninsula | 700 | 678,900 | 0 | 0 | 65,600 | 745,200 |
| | Total | 9,800 | 1,719,200 | 184,200 | 7,182,800 | 2,391,900 | 11,487,900 |

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Appendix B.1. (page 4 of 10)

| Year | | Chinook | Sockeye | Coho | Pink | Chum | Total ^a |
|------|------------------|---------|-----------|---------|-----------|-----------|--------------------|
| 1941 | S.Pen & Aleutian | 13,000 | 1,072,000 | 183,000 | 5,347,000 | 1,542,000 | 8,157,800 |
| | North Peninsula | 700 | 491,700 | 0 | 3,200 | 30,200 | 525,800 |
| | 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 |
| | North Peninsula | 0 | 0 | 0 | 0 | 0 | 0 |
| | 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 |
| | North Peninsula | 200 | 567,400 | 0 | 1,300 | 50,400 | 619,300 |
| | 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 |
| | North Peninsula | 100 | 414,700 | 0 | 2,600 | 157,900 | 575,300 |
| | 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 |
| | North Peninsula | 100 | 394,400 | 0 | 2,500 | 335,100 | 732,100 |
| | 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 |
| | North Peninsula | 2,500 | 697,700 | 300 | 0 | 36,000 | 736,500 |
| | Total | 8,600 | 1,450,000 | 151,700 | 1,964,000 | 1,255,900 | 4,830,200 |
| 1947 | S.Pen & Aleutian | 3,400 | 1,137,100 | 55,800 | 2,319,600 | 1,219,200 | 4,735,100 |
| | North Peninsula | 100 | 357,700 | 100 | 100 | 75,000 | 433,000 |
| | 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 |
| | North Peninsula | 1,200 | 477,600 | 17,200 | 0 | 161,700 | 658,700 |
| | 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 |
| | North Peninsula | 700 | 137,100 | 25,700 | 0 | 40,700 | 204,200 |
| | 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 |
| | North Peninsula | 1,100 | 127,800 | 37,800 | 0 | 217,600 | 284,300 |
| | 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 |
| | Aleutians | 0 | 11,700 | 400 | 500 | 94,500 | 107,100 |
| | Total | 2700 | 634,800 | 89000 | 2865700 | 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 |
| | Aleutian Islands | 200 | 42,800 | 0 | 31,800 | 25,700 | 100,500 |
| | 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 |
| | Aleutian Islands | 0 | 4,200 | 500 | 69,200 | 800 | 74,700 |
| | Total | 8,000 | 1,580,700 | 74,600 | 2,831,400 | 1,689,800 | 6,184,500 |

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Appendix B.1. (page 5 of 10)

| Year | | Chinook | Sockeye | Coho | Pink | Chum | Total ^a |
|------|------------------|---------|-----------|---------|-----------|-----------|--------------------|
| 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 |
| | Aleutian Islands | 0 | 6,300 | 800 | 566,500 | 200 | 573,800 |
| | 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 |
| | Aleutian Islands | 0 | 12,600 | 100 | 31,100 | 400 | 44,200 |
| | 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 |
| | Aleutian Islands | 0 | 400 | 0 | 33,900 | 0 | 34,300 |
| | Total | 9,000 | 2,012,700 | 70,100 | 2,803,100 | 2,046,100 | 6,941,000 |
| 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 |
| | Aleutian Islands | 2,300 | 27,300 | 100 | 500 | 13,900 | 44,100 |
| | 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 |
| | Aleutian Islands | 0 | 300 | 0 | 613,200 | 3,700 | 617,200 |
| | 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 |
| | Aleutian Islands | 0 | 6,100 | 0 | 12,000 | 100 | 18,200 |
| | 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 |
| | Aleutian Islands | 0 | 7,600 | 0 | 444,900 | 300 | 452,800 |
| | 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 |
| | Aleutian Islands | 0 | 2,700 | 0 | 94,000 | 200 | 96,900 |
| | 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 |
| | Aleutian Islands | 0 | 5,500 | 100 | 2,001,700 | 1,200 | 2,008,500 |
| | 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 |
| | Aleutian Islands | 0 | 4,500 | 0 | 93,900 | 300 | 98,700 |
| | 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 |
| | Aleutian Islands | 0 | 200 | 0 | 194,100 | 2,300 | 196,600 |
| | Total | 5,600 | 621,800 | 50,200 | 2,941,300 | 892,300 | 4,511,200 |

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Appendix B.1. (page 6 of 10)

| Year | | Chinook | Sockeye | Coho | Pink | Chum | Total ^a |
|------|------------------|---------|-----------|--------|-----------|-----------|--------------------|
| 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 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 8,200 | 1,115,200 | 68,700 | 2,886,200 | 626,100 | 4,704,400 |
| 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 |
| | Aleutian Islands | 0 | 1,000 | 0 | 63,500 | 700 | 65,200 |
| | 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 |
| | Aleutians | 0 | 200 | 0 | 7,900 | 0 | 8,100 |
| | 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 |
| | Aleutian Islands | 0 | 2,000 | 100 | 902,800 | 800 | 905,700 |
| | 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 |
| | Aleutian Islands | 0 | 1,900 | 0 | 242,200 | 1,500 | 245,600 |
| | 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 | 3,829 | 187,793 | 26,327 | 7,904 | 47,989 | 273,842 |
| | Aleutian Islands | 6 | 208 | 135 | 644,121 | 3,029 | 647,499 |
| | 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 |
| | Aleutian Islands | 0 | 333 | 2 | 45,114 | 58 | 45,507 |
| | 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 |
| | Aleutian Islands | 0 | 69 | 1 | 2,784 | 6 | 2,860 |
| | 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 | 2,569 | 165,388 | 19,776 | 143 | 152,773 | 340,649 |
| | Aleutian Islands | 0 | 0 | 0 | 2,042 | 0 | 2,042 |
| | 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 | 2,710 | 246,209 | 16,799 | 10,599 | 34,417 | 310,734 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 3,301 | 443,362 | 26,165 | 111,200 | 106,243 | 690,271 |
| 1975 | South Peninsula | 117 | 243,548 | 67 | 60,642 | 130,750 | 435,124 |
| | North Peninsula | 2,093 | 233,293 | 28,349 | 295 | 8,770 | 272,800 |
| | Aleutian Islands | 0 | 19,402 | 0 | 659 | 1,881 | 21,942 |
| | Total | 2,210 | 496,243 | 28,422 | 61,596 | 141,401 | 729,872 |

-Continued-

Appendix B.1. (page 7 of 10)

| Year | | Chinook | Sockeye | Coho | Pink | Chum | Total ^a |
|-------------------|------------------|---------|-----------|---------|------------|-----------|--------------------|
| 1976 | South Peninsula | 2,196 | 375,027 | 216 | 2,366,833 | 532,503 | 3,276,775 |
| | North Peninsula | 4,947 | 641,134 | 26,061 | 672 | 73,589 | 746,403 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | 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 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | 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 | 13,524 | 896,616 | 63,341 | 485,224 | 163,804 | 1,622,509 |
| | Aleutian Islands | 0 | 1,829 | 0 | 38,109 | 6 | 39,944 |
| | 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 | 15,704 | 1,979,167 | 112,835 | 4,994 | 65,711 | 2,178,411 |
| | Aleutian Islands | 0 | 12,206 | 0 | 539,393 | 242 | 551,841 |
| | 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 | 16,627 | 1,397,118 | 127,878 | 301,672 | 700,196 | 2,543,491 |
| | Aleutian Islands | 2 | 9,226 | 2 | 2,597,461 | 4,874 | 2,611,565 |
| | 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 | 18,385 | 1,844,335 | 155,420 | 11,217 | 706,818 | 2,736,175 |
| | Aleutian Islands | 16 | 5,430 | 188 | 302,786 | 6,553 | 314,973 |
| | 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 | 29,770 | 1,435,277 | 238,016 | 12,321 | 331,133 | 2,046,517 |
| | Aleutian Islands | 0 | 2,672 | 28 | 1,447,818 | 6,148 | 1,456,666 |
| | 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 | 29,006 | 2,090,142 | 75,138 | 3,404 | 348,307 | 2,545,997 |
| | Aleutian Islands | 0 | 4,405 | 0 | 2,005 | 11,361 | 17,771 |
| | Total | 56,050 | 4,654,336 | 202,795 | 2,833,031 | 2,064,155 | 9,810,367 |
| 1984 ^b | South Peninsula | 9,198 | 2,318,028 | 310,950 | 11,589,258 | 1,654,622 | 15,882,056 |
| | North Peninsula | 22,747 | 1,734,851 | 198,582 | 27,419 | 796,723 | 2,780,322 |
| | Aleutian Islands | 26 | 67,163 | 1,923 | 2,309,665 | 32,025 | 2,410,802 |
| | Total | 32,190 | 4,120,047 | 511,455 | 13,926,342 | 2,483,375 | 21,073,409 |
| 1985 | South Peninsula | 6,642 | 2,144,416 | 172,514 | 4,431,016 | 1,348,726 | 8,103,314 |
| | North Peninsula | 23,403 | 2,596,073 | 176,118 | 3,054 | 666,616 | 3,465,264 |
| | Aleutian Islands | 40 | 2,750 | 0 | 90 | 14,175 | 17,055 |
| | Total | 30,210 | 4,743,247 | 348,632 | 4,434,160 | 2,029,532 | 11,585,781 |
| 1986 | South Peninsula | 5,589 | 1,223,089 | 235,854 | 4,031,487 | 1,749,651 | 7,245,670 |
| | North Peninsula | 11,735 | 2,463,734 | 164,071 | 22,630 | 271,216 | 2,933,386 |
| | Aleutian Islands | 11 | 7,702 | 60 | 42,621 | 38,819 | 89,213 |
| | Total | 17,340 | 3,694,526 | 399,985 | 4,096,738 | 2,059,686 | 10,268,275 |

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Appendix B.1. (page 8 of 10)

| Year | | Chinook | Sockeye | Coho | Pink | Chum | Total ^d |
|------|------------------|---------|-----------|---------|------------|-----------|--------------------|
| 1987 | South Peninsula | 9,174 | 1,449,753 | 225,120 | 1,208,556 | 1,375,887 | 4,268,490 |
| | North Peninsula | 14,186 | 1,209,435 | 171,784 | 3,486 | 368,696 | 1,767,587 |
| | Aleutian Islands | 0 | 75 | 0 | 0 | 0 | 75 |
| | Total | 23,360 | 2,659,263 | 396,904 | 1,212,042 | 1,744,583 | 6,036,152 |
| 1988 | South Peninsula | 11,075 | 1,473,651 | 505,533 | 7,044,824 | 1,908,507 | 10,943,590 |
| | North Peninsula | 16,721 | 1,528,107 | 233,966 | 65,242 | 393,075 | 2,237,111 |
| | Aleutian Islands | 0 | 4,315 | 7 | 183,109 | 450 | 187,881 |
| | Total | 27,880 | 3,006,082 | 739,506 | 7,293,175 | 2,302,034 | 13,368,677 |
| 1989 | South Peninsula | 7,009 | 2,659,101 | 441,397 | 7,289,130 | 993,492 | 11,390,129 |
| | North Peninsula | 10,698 | 1,718,001 | 227,551 | 4,103 | 156,992 | 2,117,345 |
| | Aleutian Islands | 0 | 8,248 | 0 | 6,700 | 0 | 14,948 |
| | Total | 18,013 | 4,387,764 | 671,394 | 7,303,461 | 1,151,408 | 13,532,040 |
| 1990 | 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 |
| | Aleutian Islands | 2 | 12,435 | 74 | 282,823 | 1,038 | 296,372 |
| | Total | 28,844 | 4,815,326 | 500,270 | 3,666,403 | 1,364,977 | 10,375,820 |
| 1991 | South Peninsula | 7,510 | 2,304,531 | 313,223 | 10,596,596 | 1,573,773 | 14,795,633 |
| | North Peninsula | 9,359 | 2,931,406 | 218,274 | 4,249 | 191,278 | 2,814,566 |
| | Aleutian Islands | 0 | 796 | 0 | 0 | 0 | 796 |
| | Total | 17,347 | 4,712,149 | 535,403 | 10,621,005 | 1,780,078 | 17,665,982 |
| 1992 | South Peninsula | 7,933 | 3,438,875 | 414,948 | 9,759,657 | 1,310,337 | 14,931,750 |
| | North Peninsula | 13,136 | 3,575,507 | 206,813 | 194,395 | 341,616 | 4,331,467 |
| | Aleutian Islands | 0 | 3,082 | 0 | 312,072 | 1,230 | 316,384 |
| | Atka-Amlia | 0 | 231 | 42 | 7,972 | 308 | 8,553 |
| | Total | 21,069 | 7,017,695 | 621,803 | 10,274,096 | 1,653,491 | 19,588,154 |
| 1993 | South Peninsula | 14,083 | 3,682,604 | 215,256 | 9,925,123 | 1,046,407 | 14,883,473 |
| | North Peninsula | 22,417 | 3,866,479 | 64,376 | 5,328 | 134,957 | 4,093,557 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | Atka-Amlia | 0 | 24 | 4 | 145 | 563 | 736 |
| | Total | 36,500 | 7,549,107 | 279,636 | 9,930,596 | 1,181,927 | 18,977,766 |
| 1994 | South Peninsula | 9,474 | 2,091,009 | 251,686 | 9,143,703 | 2,178,910 | 13,674,782 |
| | North Peninsula | 18,508 | 1,783,156 | 241,913 | 226,315 | 83,897 | 3,353,789 |
| | Aleutian Islands | 0 | 47 | 6 | 858,787 | 617 | 859,457 |
| | Atka-Amlia | 0 | 16 | 0 | 896 | 0 | 912 |
| | Total | 27,982 | 3,874,228 | 493,605 | 10,229,701 | 2,263,424 | 17,888,940 |
| 1995 | South Peninsula | 17,078 | 2,996,353 | 260,686 | 16,302,593 | 1,715,067 | 21,291,777 |
| | North Peninsula | 7,540 | 3,272,748 | 135,639 | 12,171 | 99,293 | 3,527,391 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | Atka-Amlia | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 24,618 | 6,269,101 | 396,325 | 16,314,764 | 1,814,360 | 24,819,168 |
| 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 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | Atka-Amlia | 0 | 0 | 0 | 20 | 0 | 20 |
| | Total | 10,012 | 3,439,713 | 435,504 | 2,241,101 | 843,013 | 6,969,343 |

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Appendix B.1. (page 9 of 10)

| Year | | Chinook | Sockeye | Coho | Pink | Chum | Total ^a |
|-----------------------|------------------|---------|-----------|---------|-----------|-----------|--------------------|
| 1997 | South Peninsula | 7,163 | 2,258,189 | 112,432 | 2,303,926 | 606,254 | 5,287,964 |
| | North Peninsula | 10,352 | 2,151,010 | 94,776 | 50,701 | 97,380 | 2,404,219 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | Atka-Amlia | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 17,515 | 4,409,199 | 207,208 | 2,354,627 | 703,634 | 7,692,183 |
| 1998 | South Peninsula | 4,796 | 2,170,803 | 154,170 | 8,040,681 | 711,526 | 11,081,976 |
| | North Peninsula | 5,288 | 1,087,552 | 134,724 | 34,810 | 69,516 | 1,332,530 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | Atka-Amlia | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 10,084 | 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 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | Atka-Amlia | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 9,701 | 4,732,071 | 246,392 | 8,447,710 | 867,086 | 14,302,960 |
| 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 |
| | Aleutian Islands | 1 | 0 | 59 | 256,050 | 0 | 256,110 |
| | Atka-Amlia | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 9,009 | 3,953,458 | 340,860 | 3,839,968 | 1,149,012 | 9,292,307 |
| 2001 | South Peninsula | 2,302 | 607,756 | 210,899 | 4,012,057 | 921,986 | 5,755,000 |
| | North Peninsula | 4,412 | 1,147,030 | 22,162 | 12,469 | 174,523 | 1,360,596 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | Atka-Amlia | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 6,714 | 1,754,786 | 233,061 | 4,024,526 | 1,096,509 | 7,115,596 |
| 2002 | South Peninsula | 6,399 | 1,035,232 | 202,717 | 2,170,376 | 819,030 | 4,233,754 |
| | North Peninsula | 3,852 | 1,415,872 | 28,751 | 21,461 | 51,040 | 1,520,976 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | Atka-Amlia | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 10,251 | 2,451,104 | 231,468 | 2,191,837 | 870,070 | 5,754,730 |
| 2003 | South Peninsula | 2,712 | 1,054,208 | 131,097 | 4,258,274 | 637,305 | 6,083,596 |
| | North Peninsula | 4,545 | 1,477,391 | 53,137 | 18,624 | 38,755 | 1,592,452 |
| | Aleutian Islands | 0 | 0 | 0 | 0 | 0 | 0 |
| | Atka-Amlia | 0 | 0 | 0 | 0 | 0 | 0 |
| | Total | 7,257 | 2,531,599 | 184,234 | 4,276,898 | 676,060 | 7,676,048 |
| 1993- 2002 Avg. | South Peninsula | 7,629 | 2,130,338 | 213,567 | 6,607,859 | 1,064,652 | 10,024,043 |
| | North Peninsula | 8,610 | 2,038,766 | 101,722 | 45,584 | 92,238 | 2,286,919 |
| | Aleutian Islands | 0 | 5 | 7 | 111,484 | 62 | 111,557 |
| | Atka-Amlia | 0 | 4 | 0 | 106 | 56 | 167 |
| | Total | 16,239 | 4,169,112 | 315,295 | 6,765,032 | 1,157,008 | 12,422,686 |

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^a Does not include test fish catches.

^b During June 18, 1984 fisherman harvested 23 chinook, 63,929 sockeye, 1,900 coho, 18,950 pink, and 8,409 chum salmon were harvested 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.

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, 2003.

| Statistical Area | Section | Number of Salmon ^a | | | | | Total |
|--|---|-------------------------------|----------------|----------------|------------------|----------------|------------------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| SOUTH PENINSULA | | | | | | | |
| <i>SOUTHEASTERN DISTRICT</i> | | | | | | | |
| 281-15, 281-25, & 281-30 | | | | | | | |
| East Stepovak & Stepovak Flats Sections | | 143 | 110,023 | 20,857 | 126,991 | 20,777 | 278,791 |
| 281-40 | Grub Gulch/Clark Bay | 72 | 34,098 | 762 | 33,352 | 4,581 | 72,865 |
| 281-50 | Orzinski Bay | 23 | 58,690 | 453 | 43,339 | 4,062 | 106,567 |
| 281-55 | American Bay | 37 | 30,936 | 892 | 23,351 | 2,205 | 57,421 |
| 281-62 | Chichagof & Windbound Bays | 48 | 28,972 | 1,393 | 57,535 | 3,455 | 91,403 |
| 281-65 | Suzu Creek- West Cove | 19 | 14,363 | 85 | 7,894 | 826 | 23,187 |
| Northwest Stepovak Section Total | | 199 | 167,059 | 3,585 | 165,471 | 15,129 | 351,443 |
| 281-70 | Southwest Stepovak Section | 62 | 37,642 | 6,975 | 105,718 | 5,311 | 155,708 |
| 281-80 | Balboa Bay Section | 53 | 20,282 | 3,633 | 23,375 | 2,414 | 49,757 |
| 281-90 | Beaver Bay Section | 0 | 660 | 23 | 98,595 | 175 | 99,453 |
| 282-10 | Popof Strait/Squaw Harbor | 21 | 5,608 | 500 | 7,021 | 2,631 | 15,781 |
| 282-11 | Unga Cape/East Popof | 1,639 | 106,900 | 60,215 | 648,642 | 186,583 | 1,003,979 |
| 282-20 | Acheredin Bay | 11 | 11,014 | 896 | 28,326 | 2,790 | 43,037 |
| 282-25 | West Unga Island | 43 | 33,186 | 8,673 | 105,007 | 10,792 | 157,701 |
| 282-35 | Inner Zachary Bay | 0 | 143 | 0 | 8,325 | 456 | 8,924 |
| 282-40 | East Head/West Head | 7 | 2,032 | 384 | 3,680 | 2,481 | 8,584 |
| 282-42 | Korovin Island | 84 | 29,045 | 1,223 | 26,678 | 14,718 | 71,748 |
| 282-65 & 282-80 | East side of Nagai Island | 13 | 7,085 | 251 | 3,644 | 1,356 | 12,349 |
| 282-70 & 282-75 | West side of Nagai Island | 27 | 19,157 | 2,973 | 39,661 | 6,021 | 67,839 |
| Shumagin Islands Section Total | | 1,845 | 214,170 | 75,115 | 870,984 | 227,828 | 1,389,942 |
| <i>SOUTHEASTERN DISTRICT TOTAL</i> | | <i>2,302</i> | <i>549,836</i> | <i>110,188</i> | <i>1,391,134</i> | <i>271,634</i> | <i>2,325,094</i> |
| <i>SOUTH CENTRAL DISTRICT</i> | | | | | | | |
| 283-17 | Mino Creek-Little Coal Bay Section | 17 | 4,688 | 203 | 859,915 | 6,308 | 871,131 |
| 283-21, 283-23, & 283-24 | | | | | | | |
| East Pavlof & Canoe Bay Sections | | 2 | 4,093 | 157 | 826,883 | 4,540 | 835,675 |

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Appendix B.2. (page 2 of 3)

| Statistical Area | Section | Number of Salmon ^a | | | | | Total |
|---|--------------------------------|-------------------------------|------------------|----------------|------------------|----------------|------------------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| 283-25 & 283-26 | West Pavlof Bay Section | 4 | 4,289 | 1,289 | 18,941 | 4,528 | 29,051 |
| <i>SOUTH CENTRAL DISTRICT TOTAL</i> | | 23 | 13,070 | 1,649 | 1,705,739 | 15,376 | 1,735,857 |
| <i>SOUTHWESTERN DISTRICT</i> | | | | | | | |
| 284-36 | Volcano Bay | 0 | 34 | 0 | 179,090 | 95,190 | 274,314 |
| 284-37 & 284-39 | | | | | | | |
| North Dolgoi/Poperechnoi | | 7 | 35,374 | 3,100 | 56,677 | 3,800 | 98,958 |
| 284-38 | South Dolgoi/Moss Cape | 0 | 2,795 | 416 | 154,744 | 5,134 | 163,089 |
| Volcano Bay Section Total | | 7 | 38,203 | 3,516 | 390,511 | 104,124 | 536,361 |
| 284-42 & 284-45 | Belkofski Bay Section | 0 | 2,159 | 321 | 313,394 | 11,112 | 326,986 |
| 284-55 | Deer Island Section | 0 | 4 | 0 | 201,715 | 57 | 201,776 |
| 284-62 | Outer Cold Bay | 0 | 16,998 | 0 | 498 | 6,092 | 23,588 |
| 284-65 | Lenard Harbor | 0 | 62 | 1 | 105,333 | 23,969 | 129,365 |
| 284-67 | Inner Cold Bay | 0 | 64 | 0 | 4,756 | 26,229 | 31,049 |
| Cold Bay Section Total | | 0 | 17,124 | 1 | 110,587 | 56,290 | 184,002 |
| 284-75 | Thin Point Section | 0 | 48,834 | 4,104 | 40,084 | 45,617 | 138,639 |
| 284-80 | Morzhvoi Bay Section | 0 | 33,458 | 0 | 1,450 | 50 | 34,958 |
| 284-90 | Ikatan Bay Section | 195 | 153,115 | 11,313 | 79,088 | 54,066 | 297,777 |
| <i>SOUTHWESTERN DISTRICT TOTAL</i> | | 202 | 292,897 | 19,255 | 1,136,829 | 271,316 | 1,720,499 |
| <i>UNIMAK DISTRICT</i> | | | | | | | |
| 285-20 | Bird Island | 10 | 46,888 | 0 | 4,128 | 20,640 | 71,666 |
| 285-30 | Cape Lazaref | 74 | 80,133 | 0 | 14,424 | 37,360 | 131,991 |
| Otter Cove Section Total | | 84 | 127,021 | 0 | 18,552 | 58,000 | 203,657 |
| 285-40 | Cape Lutke Section | 101 | 71,384 | 5 | 6,020 | 20,979 | 98,489 |
| <i>UNIMAK DISTRICT TOTAL</i> | | 185 | 198,405 | 5 | 24,572 | 78,979 | 302,146 |
| SOUTH PENINSULA TOTAL | | 2,712 | 1,054,208 | 131,097 | 4,258,274 | 637,305 | 6,083,596 |
| ALEUTIAN ISLANDS AREA (no fishery) | | 0 | 0 | 0 | 0 | 0 | 0 |
| ATKA-AMLIA ISLANDS AREA (no fishery) | | 0 | 0 | 0 | 0 | 0 | 0 |

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Appendix B.2. (page 3 of 3)

| Statistical Area | Section | Number of Salmon ^a | | | | | Total |
|---|---|-------------------------------|------------------|----------------|------------------|----------------|------------------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| NORTH PENINSULA | | | | | | | |
| <i>NORTHWESTERN DISTRICT</i> | | | | | | | |
| 311-32 | Urilia Bay Section | 2 | 42,949 | 0 | 58 | 460 | 43,469 |
| 311-52 & 311-60 | Swanson Lagoon & Bechevin Bay Sections | 0 | 3,881 | 0 | 55 | 6,249 | 10,185 |
| 311-58, 312-20, & 312-40 | Izembek-Moffet Bay Section | 0 | 16,338 | 37 | 591 | 9,868 | 26,834 |
| <i>NORTHWESTERN DISTRICT TOTAL</i> | | <i>2</i> | <i>63,168</i> | <i>37</i> | <i>704</i> | <i>16,577</i> | <i>80,488</i> |
| <i>NORTHERN DISTRICT</i> | | | | | | | |
| 313-10 | Black Hills Section | 162 | 40,126 | 423 | 2,284 | 3,089 | 46,084 |
| 313-30 | Nelson Lagoon Section | 1,082 | 373,252 | 30,620 | 97 | 7,320 | 412,371 |
| 314-12, 315-11, & 315-20 | Port Moller Bight & Bear River Sections | 2,987 | 491,901 | 10,386 | 3,584 | 5,899 | 514,757 |
| 316-10 | Three Hills Section | 144 | 238,674 | 3,982 | 4,344 | 1,893 | 249,037 |
| 316-20 | Outside Ilnik | 166 | 266,689 | 5,501 | 7,275 | 3,949 | 283,580 |
| 316-25 | Strogonof Point | 2 | 806 | 116 | 336 | 28 | 1,288 |
| Ilnik Section Total | | 168 | 267,495 | 5,617 | 7,611 | 3,977 | 284,868 |
| 318-20 | Cinder River Section | 0 | 2,775 | 2,072 | 0 | 0 | 4,847 |
| <i>NORTHERN DISTRICT TOTAL</i> | | <i>4,543</i> | <i>1,414,223</i> | <i>53,100</i> | <i>17,920</i> | <i>22,178</i> | <i>1,511,964</i> |
| NORTH PENINSULA TOTAL | | 4,545 | 1,477,391 | 53,137 | 18,624 | 38,755 | 1,592,452 |
| ALASKA PENINSULA AREA TOTAL | | 7,257 | 2,531,599 | 184,234 | 4,276,898 | 676,060 | 7,676,048 |
| ALASKA PENINSULA, ALEUTIAN ISLANDS, AND ATKA-AMLIA ISLANDS AREAS TOTAL | | | | | | | |
| | | 7,257 | 2,531,599 | 184,234 | 4,276,898 | 676,060 | 7,676,048 |

^a Harvests do not include test fish catches.

Appendix B.3. Alaska Peninsula and Aleutian Islands Areas commercial salmon harvest by gear, species, and estimated value, 2003.

| | 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 of fish | Est. Value (\$) |
| <i>Area M</i> | | | | | | | | | | | | |
| Seine | 1,882 | 6,824 | 356,431 | 1,091,084 | 75,076 | 52,000 | 3,854,844 | 743,012 | 477,975 | 324,911 | 4,766,208 | 2,217,831 |
| Drift Gillnet | 3,966 | 11,582 | 1,459,376 | 4,433,190 | 47,006 | 61,313 | 60,737 | 10,341 | 127,849 | 83,203 | 1,698,934 | 4,599,629 |
| Set Gillnet | 1,409 | 6,015 | 715,792 | 2,346,327 | 60,080 | 81,000 | 361,317 | 70,004 | 70,236 | 49,149 | 1,208,834 | 2,552,495 |
| Total | 7,257 | 24,421 | 2,531,599 | 7,870,601 | 182,162 | 194,313 | 4,276,898 | 823,357 | 676,060 | 457,263 | 7,673,976 | 9,369,955 |
| <i>Area T</i> | | | | | | | | | | | | |
| Drift Gillnet | 0 | 0 | 0 | 0 | 2,072 | 2,082 | 0 | 0 | 0 | 0 | 2,072 | 2,082 |
| Set Gillnet | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 2,072 | 2,082 | 0 | 0 | 0 | 0 | 2,072 | 2,082 |
| Grand Total | | | | | | | | | | | | |
| Seine | 1,882 | 6,824 | 356,431 | 1,091,084 | 75,076 | 52,000 | 3,854,844 | 743,012 | 477,975 | 324,911 | 4,766,208 | 2,217,831 |
| Drift Gillnet | 3,966 | 11,582 | 1,459,376 | 4,433,190 | 49,078 | 63,395 | 60,737 | 10,341 | 127,849 | 83,203 | 1,701,006 | 4,601,711 |
| Set Gillnet | 1,409 | 6,015 | 715,792 | 2,346,327 | 60,080 | 81,000 | 361,317 | 70,004 | 70,236 | 49,149 | 1,208,834 | 2,552,495 |
| Total | 7,257 | 24,421 | 2,531,599 | 7,870,601 | 184,234 | 196,395 | 4,276,898 | 823,357 | 676,060 | 457,263 | 7,676,048 | 9,372,037 |

^a Figures do not include test fish catches, bonuses, or RSW adjustments.

Appendix B.4. Alaska Peninsula Area salmon test fish catches, 1989-2003.

| Year | | Number of Salmon ^a | | | | | Total |
|-----------------------------|-----------------------------|-------------------------------|---------|--------|--------|--------|--------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| 1989 | Shumagin Islands | 56 | 1,699 | 2,446 | 3,528 | 739 | 8,468 |
| | 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 | 25 | 1,284 | 1,708 | 4,573 | 3,147 | 10,737 |
| | 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 | 0 | 377 | 0 | 0 | 306 | 683 |
| | 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 | 93 | 7,039 | 3,284 | 10,729 | 6,372 | 27,517 |
| | 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 | 330 | 6,470 | 4,892 | 2,984 | 1,850 | 16,526 |
| | 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 | 528 | 16,224 | 4,219 | 36,150 | 13,169 | 70,290 |
| | 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 | 101 | 7,239 | 1 | 105 | 2,941 | 10,387 |
| | 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 | 80 | 6,055 | 0 | 2,594 | 4,250 | 12,979 |
| | 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 | 188 | 11,224 | 3 | 3,976 | 10,682 | 26,073 |
| | 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 | 95 | 8,392 | 0 | 5,224 | 6,285 | 19,996 |
| | 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 |

-Continued-

Appendix B.4. (page 2 of 2)

| Year | | Number of Salmon ^a | | | | | Total |
|-----------------------------|-----------------------------|-------------------------------|---------|--------|--------|--------|--------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| 1999 | Shumagin Islands | 119 | 33,513 | 18 | 13,045 | 19,808 | 66,503 |
| | South Unimak | 140 | 10,039 | 0 | 61 | 3,256 | 13,496 |
| | Total South Peninsula | 259 | 43,552 | 18 | 13,106 | 23,064 | 79,999 |
| Alaska Peninsula Area Total | | 259 | 43,552 | 18 | 13,106 | 23,064 | 79,999 |
| 2000 | Shumagin Islands | 65 | 9,225 | 99 | 5,385 | 5,790 | 20,564 |
| | South Unimak | 276 | 12,686 | 0 | 7,936 | 5,547 | 26,445 |
| | 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 | 6,258 | 3,353 | 9,382 | 10,772 | 30,083 |
| | Total South Peninsula | 318 | 6,258 | 3,353 | 9,382 | 10,772 | 30,083 |
| | North Peninsula | 13 | 4,363 | 2 | 10 | 62 | 4,450 |
| | Alaska Peninsula Area Total | | 331 | 10,621 | 3,355 | 9,392 | 10,834 |
| 2002 | Shumagin Islands | 29 | 1,020 | 11 | 443 | 1,227 | 2,730 |
| | Total South Peninsula | 29 | 1,020 | 11 | 443 | 1,227 | 2,730 |
| | North Peninsula | 0 | 6,021 | 14 | 41 | 169 | 6,245 |
| | Alaska Peninsula Area Total | | 29 | 7,041 | 25 | 484 | 1,396 |
| 2003 | Shumagin Islands | 26 | 819 | 1,279 | 4,646 | 2,275 | 9,045 |
| | Total South Peninsula | 26 | 819 | 1,279 | 4,646 | 2,275 | 9,045 |
| | North Peninsula | 1 | 5,785 | 10 | 99 | 178 | 6,073 |
| | Alaska Peninsula Area Total | | 27 | 6,604 | 1,289 | 4,745 | 2,453 |

^a Number of adult salmon.

Appendix C.1. Estimated subsistence salmon harvest by community and species, in number of fish, Alaska Peninsula Management Area and Unalaska Island, 1985-2003.

| Year | Permits Issued | Estimated Harvest | | | | | Total |
|-----------------------------|----------------|-------------------|---------|-------|-------|-------|--------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| SAND POINT RESIDENTS | | | | | | | |
| 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 |
| 2001 | 61 | 191 | 4,653 | 880 | 827 | 1,500 | 8,051 |
| 2002 | 29 | 76 | 1,679 | 319 | 416 | 994 | 3,484 |
| 2003 | 30 | 175 | 2,093 | 250 | 505 | 1,123 | 4,146 |
| 1998-2002 AVG | 52 | 186 | 4,022 | 677 | 759 | 1,079 | 6,723 |
| KING COVE RESIDENTS | | | | | | | |
| 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 |
| 2001 | 52 | 25 | 3,982 | 2,650 | 130 | 273 | 7,060 |
| 2002 | 61 | 32 | 4,509 | 2,529 | 77 | 396 | 7,543 |
| 2003 | 68 | 22 | 5,220 | 3,179 | 149 | 649 | 9,219 |
| 1998-2002 AVG | 54 | 18 | 3,219 | 3,038 | 257 | 360 | 6,892 |

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Appendix C.1. (page 2 of 6)

| Year | Permits Issued | Estimated Harvest | | | | | Total |
|-----------------------------|-------------------|-------------------|---------|-------|------|------|-------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| COLD BAY RESIDENTS | | | | | | | |
| 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 |
| 1991 | 23 | 0 | 517 | 30 | 6 | 4 | 557 |
| 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 |
| 2001 | 14 | 0 | 512 | 30 | 0 | 0 | 542 |
| 2002 | 20 | 0 | 493 | 0 | 0 | 7 | 500 |
| 2003 | 19 | 0 | 594 | 0 | 2 | 18 | 614 |
| 1998-2002 AVG | 16 | 2 | 446 | 20 | 2 | 10 | 479 |
| FALSE PASS RESIDENTS | | | | | | | |
| 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 |
| 2001 | 5 | 10 | 242 | 163 | 118 | 104 | 637 |
| 2002 | 13 | 31 | 662 | 269 | 20 | 78 | 1,060 |
| 2003 | 18 | 6 | 1,472 | 589 | 216 | 261 | 2,544 |

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Appendix C.1. (page 3 of 6)

| Year | Permits Issued | Estimated Harvest | | | | | Total |
|--|----------------|-------------------|------------|------------|----------|----------|------------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| NELSON LAGOON/PORT MOLLER RESIDENTS | | | | | | | |
| 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 |
| 2001 | 6 | 22 | 392 | 46 | 0 | 6 | 466 |
| 2002 | 3 | 5 | 140 | 71 | 0 | 0 | 216 |
| 2003 | 3 | 3 | 118 | 90 | 0 | 0 | 211 |
| 1998-2002 AVG | 8 | 9 | 380 | 111 | 4 | 4 | 508 |
| PORT HEIDEN RESIDENTS | | | | | | | |
| 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 |
| 2001 | 3 | 64 | 132 | 50 | 0 | 10 | 256 |
| 2002 | 3 | 120 | 34 | 50 | 0 | 6 | 210 |
| 2003 | 3 | 101 | 7 | 40 | 0 | 6 | 154 |
| 1998-2002 AVG | 3 | 48 | 102 | 56 | 0 | 3 | 210 |

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Appendix C.1. (page 4 of 6)

| Year | Permits Issued | Estimated Harvest | | | | | Total |
|---|----------------|-------------------|---------|-------|-------|-------|--------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| 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 |
| 2001 | 141 | 312 | 9,913 | 3,819 | 1,075 | 1,893 | 17,012 |
| 2002 | 129 | 264 | 7,517 | 3,238 | 513 | 1,481 | 13,013 |
| 2003 | 141 | 307 | 9,504 | 4,148 | 872 | 2,057 | 16,888 |
| 1998-2002 AVG | 141 | 279 | 8,617 | 4,373 | 1,111 | 1,591 | 15,971 |
| 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 |
| 1993 | 76 | 17 | 2,069 | 217 | 91 | 63 | 2,457 |
| 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 |
| 2001 | 44 | 27 | 1,854 | 386 | 132 | 103 | 2,502 |
| 2002 | 27 | 62 | 2,036 | 70 | 42 | 112 | 2,322 |
| 2003 | 24 | 13 | 684 | 29 | 357 | 146 | 1,229 |
| 1998-2002 AVG | 47 | 55 | 3,209 | 178 | 184 | 110 | 3,735 |

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Appendix C.1. (page 5 of 6)

| Year | Permits | Estimated Harvest | | | | | Total |
|---|---------|-------------------|---------|-------|-------|-------|--------|
| | Issued | Chinook | Sockeye | Coho | Pink | Chum | |
| 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 |
| 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 |
| 2001 | 185 | 339 | 11,767 | 4,205 | 1,207 | 1,996 | 19,514 |
| 2002 | 156 | 326 | 9,553 | 3,308 | 555 | 1,593 | 15,335 |
| 2003 | 165 | 320 | 10,188 | 4,177 | 1,229 | 2,203 | 18,117 |
| 1985-1990 AVG | 179 | 160 | 6,617 | 4,657 | 1,253 | 1,725 | 14,411 |
| 1998-2002 AVG | 188 | 334 | 11,826 | 4,550 | 1,294 | 1,702 | 19,706 |
| 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 |
| 2001 | 201 | 4 | 3,850 | 563 | 763 | 100 | 5,280 |
| 2002 | 226 | 2 | 5,267 | 643 | 277 | 63 | 6,252 |
| 2003 | 220 | 27 | 4,814 | 558 | 408 | 41 | 5,848 |
| 1998-2002 AVG | 209 | 3 | 3,643 | 767 | 620 | 45 | 5,078 |

-Continued-

Appendix C.1. (page 6 of 6)

| Year | Permits | Estimated Harvest | | | | | Total |
|---|------------|-------------------|--------------|------------|------------|-----------|--------------|
| | Issued | Chinook | Sockeye | Coho | Pink | Chum | |
| 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 |
| 2001 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2002 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2003 | 7 | 0 | 30 | 0 | 0 | 0 | 30 |
| 1998-2002 AVG | 3 | 0 | 1 | 0 | 2 | 0 | 3 |
| 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 |
| 2001 | 203 | 4 | 3,850 | 563 | 763 | 100 | 5,280 |
| 2002 | 231 | 2 | 5,267 | 643 | 277 | 63 | 6,252 |
| 2003 | 227 | 27 | 4,844 | 558 | 408 | 41 | 5,878 |
| 1998-2002 AVG | 213 | 3 | 3,644 | 767 | 622 | 45 | 5,081 |

Appendix C.2. Subsistence salmon harvest by community and species, in number of fish, 2003.

| Community | Permits Issued | Permits Returned | Percent Returned | Estimated Harvest | | | | | |
|--|-------------------|---------------------|---------------------|-------------------|---------|-------|-------|-------|--------|
| | | | | Chinook | Sockeye | Coho | Pink | Chum | Total |
| <i>Alaska Peninsula</i> | | | | | | | | | |
| Sand Point | 30 | 25 | 83.5 | 175 | 2,093 | 250 | 505 | 1,123 | 4,285 |
| King Cove | 68 | 51 | 75.0 | 22 | 5,220 | 3,179 | 149 | 649 | 9,219 |
| Cold Bay | 19 | 14 | 73.7 | 0 | 594 | 0 | 2 | 18 | 614 |
| False Pass | 18 | 9 | 50.0 | 6 | 1,472 | 589 | 216 | 261 | 2,544 |
| Nelson Lagoon | 3 | 3 | 100.0 | 3 | 118 | 90 | 0 | 0 | 211 |
| Port Heiden | 3 | 3 | 100.0 | 101 | 7 | 40 | 0 | 6 | 154 |
| Total Alaska Peninsula Area Residents | 141 | 105 | 81.4 | 307 | 9,504 | 4,148 | 872 | 2,057 | 16,888 |
| Other Alaska Residents | 24 | 17 | 70.8 | 13 | 684 | 29 | 357 | 146 | 1,229 |
| Total Alaska Peninsula Area | 165 | 122 | 73.9 | 320 | 10,188 | 4,177 | 1,229 | 2,203 | 18,117 |
| <i>Unalaska</i> | | | | | | | | | |
| Local Residents | 220 | 149 | 67.7 | 27 | 4,814 | 558 | 408 | 41 | 5,848 |
| Other Alaska Residents | 7 | 7 | 100.0 | 0 | 30 | 0 | 0 | 0 | 30 |
| Total Unalaska | 227 | 156 | 68.7 | 27 | 4,844 | 558 | 408 | 41 | 5,878 |
| <i>Adak</i> ^a | 6 | 5 | 83.3 | 0 | 363 | 0 | 0 | 0 | 363 |

^a Some Adak subsistence fishermen are seasonal residents of Adak.

Appendix C.3. Adak-Kagalaska Islands estimated personal use salmon harvests, 1988-1997 and Adak District subsistence harvest, 1998-2003.

| Year | Permits Issued | Permits Returned | Percent Returned | Estimated Harvest | | | | | |
|---------------------|----------------|------------------|------------------|-------------------|---------|------|------|------|-------|
| | | | | Chinook | Sockeye | Coho | Pink | Chum | Total |
| Personal Use | | | | | | | | | |
| 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 |
| 2001 | 17 | 14 | 82.3 | 0 | 474 | 19 | 17 | 0 | 510 |
| 2002 | 3 | 3 | 100.0 | 0 | 150 | 0 | 0 | 0 | 150 |
| 1998-2002 | | | | | | | | | |
| Average | 10 | 9 | | 0 | 290 | 5 | 24 | 0 | 320 |
| 2003 | 6 | 5 | 83.3 | 0 | 363 | 0 | 0 | 0 | 363 |

^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 by species, by successful permit holder, 2003.

| Community | Estimated Successful Permits | Estimated Harvest | | | | | Total |
|--|------------------------------|-------------------|---------|------|------|------|-------|
| | | Chinook | Sockeye | Coho | Pink | Chum | |
| Sand Point | 25 | 7 | 84 | 10 | 20 | 45 | 166 |
| King Cove | 55 | 0 | 95 | 58 | 3 | 12 | 168 |
| Cold Bay | 15 | 0 | 40 | 0 | 0 | 1 | 41 |
| False Pass | 16 | 0 | 92 | 37 | 14 | 16 | 159 |
| Nelson Lagoon | 3 | 1 | 39 | 30 | 0 | 0 | 70 |
| Port Heiden | 3 | 34 | 2 | 13 | 0 | 2 | 51 |
| Non-local AK. Residents Fishing AK. Pen. Area | 18 | 1 | 38 | 2 | 19 | 8 | 67 |
| Unalaska | 136 | 0 | 35 | 4 | 3 | 0 | 43 |
| Adak | 5 | 0 | 73 | 0 | 0 | 0 | 73 |

Appendix C.5. Average subsistence salmon harvest by species, in percent, by successful permit holder, by community, Alaska Peninsula Area, Unalaska, and Adak, 2003.

| Community | Chinook | Sockeye | Coho | Pink | Chum | Totala |
|-------------------------|---------|---------|------|------|------|--------|
| Sand Point | 4.2 | 50.5 | 6.0 | 12.2 | 27.1 | 100.0 |
| King Cove | 0.2 | 56.6 | 34.5 | 1.6 | 7.0 | 99.9 |
| Cold Bay | 0.0 | 96.8 | 0.0 | 0.2 | 2.9 | 99.9 |
| False Pass | 0.3 | 57.9 | 23.1 | 8.5 | 10.3 | 100.1 |
| Nelson Lagoon | 1.4 | 55.9 | 42.7 | 0.0 | 0.0 | 100.0 |
| Port Heiden | 65.7 | 4.5 | 25.9 | 0.0 | 3.9 | 100.0 |
| Unalaska | 0.5 | 82.3 | 9.5 | 7.0 | 0.7 | 100.0 |
| Non Local Ak. Residents | 1.0 | 56.6 | 2.4 | 27.9 | 12.1 | 100.0 |
| Adak | 0.0 | 100.0 | 0.0 | 0.0 | 0.0 | 100.0 |

^a Figures may not add up to 100.0 due to rounding.

Appendix C.6. Mortensen's Lagoon subsistence and commercial sockeye and coho salmon harvests, in numbers of fish, 2003.

| | Estimated Permits ^a | Sockeye | Coho |
|--|-----------------------------------|---------|-------|
| <i>Subsistence Harvest^a</i> | | | |
| Cold Bay Residents | 15 | 594 | 0 |
| King Cove Residents | 16 | 1,115 | 434 |
| Out of Area Residents | 4 | 108 | 0 |
| Total subsistence harvest | 35 | 1,817 | 434 |
| <i>Commercial Harvest^b</i> | 12 | 16,998 | 0 |
| <i>Subsistence & Commercial Harvest</i> | | 18,815 | 434 |
| <i>Escapement</i> | | 16,743 | 8,032 |

^a The number of subsistence salmon permit holders estimated to be 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. Number of Mortensen's Lagoon subsistence users by community, 1982-2003.

| Year | Cold Bay | King Cove | Other Non-Local | Total |
|---------------|----------|-----------|--------------------|-------|
| 1982 | 21 | 6 | 3 | 30 |
| 1983 | 18 | 15 | 4 | 37 |
| 1984 | 15 | 6 | 6 | 27 |
| 1985 | 10 | 5 | 7 | 22 |
| 1986 | 11 | 1 | 0 | 12 |
| 1987 | 17 | 1 | 4 | 22 |
| 1988 | 21 | 0 | 0 | 21 |
| 1989 | 12 | 0 | 7 | 19 |
| 1990 | 13 | 0 | 14 | 27 |
| 1991 | 19 | 2 | 21 | 42 |
| 1992 | 15 | 1 | 18 | 34 |
| 1993 | 15 | 0 | 39 | 54 |
| 1994 | 11 | 1 | 29 | 41 |
| 1995 | 11 | 13 | 39 | 63 |
| 1996 | 9 | 12 | 20 | 41 |
| 1997 | 11 | 10 | 15 | 36 |
| 1998 | 12 | 7 | 15 | 34 |
| 1999 | 6 | 4 | 6 | 16 |
| 2000 | 13 | 10 | 3 | 26 |
| 2001 | 12 | 9 | 5 | 26 |
| 2002 | 13 | 4 | 6 | 23 |
| 2003 | 15 | 16 | 4 | 35 |
| 1993-2002 AVG | 11 | 7 | 18 | 36 |

Appendix C.8. Thin Point Cove subsistence and commercial sockeye and coho salmon harvests, 2003.

| Fishery | Estimated ^a Permit Holders | Sockeye | Coho |
|--------------------------------|---|---------------------|--------|
| Subsistence^a | | | |
| King Cove Residents | 34 | 2,992 | 1,377 |
| False Pass Residents | 2 | 10 | 150 |
| Out of Area Residents | 0 | 0 | 0 |
| Total Subsistence Harvest | 36 | 3,002 | 1,527 |
| Commercial^b | 15 | 48,834 | 4,104 |
| Total Harvest | | 51,836 | 5,631 |
| Escapement | | 40,000 ^c | 25,000 |

^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 (aerial survey).

^d Peak escapement (aerial survey).

Appendix C.9. Lenard Harbor subsistence and commercial coho salmon harvests, 2003.

| Fishery | Estimated Permit Holders | Coho |
|--|--------------------------|------|
| Subsistence ^a | 11 | 958 |
| Commercial (No effort directed towards coho) | | |
| Total Harvest | 11 | 958 |

^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 1,500 coho salmon were estimated in Delta Creek during a October 3 aerial survey, 150 coho salmon were reported as being harvested in the creek after this survey.

Appendix C.10. Estimated Lenard Harbor coho salmon subsistence harvests and escapements, 1998-2003.

| Year | Permits | Subsistence Harvest | Escapement | Total Observed Run |
|------|---------|---------------------|----------------|--------------------|
| 1998 | 11 | 1,043 | No information | |
| 1999 | 6 | 412 | 130 | 542 |
| 2000 | 1 | 23 | 600 | 623 |
| 2001 | 6 | 457 | 1,300 | 1,757 |
| 2002 | 8 | 581 | 800 | 1,381 |
| 2003 | 11 | 958 | 1,350 | 2,308 |

Appendix C.11. Estimated Unalaska Island subsistence sockeye and coho salmon harvest by major location, in number of fish, 2003.

| Location | Estimated Permits ^a | Species | Salmon |
|----------------|--------------------------------|---------|--------|
| Reese Bay | 106 | Sockeye | 4,388 |
| Broad Bay | 34 | Coho | 442 |
| Nateeken Bay | 6 | Coho | 42 |
| Captains Bay | 0 | Sockeye | 0 |
| | 2 | Coho | 8 |
| Unalaska Creek | 4 | Sockeye | 35 |
| Vicinity | 4 | Coho | 49 |
| Above Areas | 110 | Sockeye | 4,423 |
| Totals | 46 | Coho | 541 |

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

Appendix C.12. Estimated Mortensen's Lagoon, Thin Point Cove, and Reese Bay subsistence salmon harvest, in number of fish, 1982-2003.

| 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 |
| 2001 | 26 | 918 | 87 | 33 | 2,960 | 1,754 | 63 | 3,389 |
| 2002 | 23 | 811 | 77 | 25 | 2,913 | 1,213 | 63 | 4,694 |
| 2003 | 35 | 1,817 | 434 | 36 | 3,002 | 1,527 | 106 | 4,388 |
| 1998-2002 AVG | 25 | 810 | 178 | 24 | 1,977 | 1,483 | 75 | 3,188 |

Appendix C.13. Adak District subsistence salmon harvest, in number of fish, 2003.

| | Number | Percent |
|---|--------|---------|
| Permits Issued | 6 | |
| Number of Permits Returned | 5 | 83.3% |
| Number of Returned Permits Reporting Catch | 4 | 80.0% |
| Estimated Number of Permit Holders That Caught Salmon | 5 | |

Average Catch Per Successful Permit Holder

| Chinook | Sockeye | Coho | Pink | Chum | Total |
|---------|---------|------|------|------|-------|
| 0 | 72.5 | 0 | 0 | 0 | 72.5 |

Total Harvest

| Chinook | Sockeyea | Coho | Pink | Chum | Total |
|---------|----------|------|------|------|-------|
| 0 | 363 | 0 | 0 | 0 | 363 |

^a Quail Bay on Kagalaska Island was the location for 275 of the 290 reported sockeye salmon. No location was listed for the remaining 15 reported sockeye salmon caught in the Adak subsistence fishery.

Appendix D.1. Alaska Peninsula Management Area indexed total salmon escapements by species and year, 1962-2003.

| Year | Area | Chinook | Sockeye | Coho ^a | Pink ^b | Chum |
|------|-----------------|---------------|----------------|-------------------|-------------------|----------------|
| 1962 | South Peninsula | 0 | 18,800 | - | 1,598,800 | 399,400 |
| | North Peninsula | 4,400 | 351,200 | - | 4,000 | 150,900 |
| | Total | 4,400 | 370,000 | - | 1,602,800 | 550,300 |
| 1963 | South Peninsula | 0 | 23,000 | - | 1,317,900 | 446,700 |
| | North Peninsula | 6,200 | 351,000 | - | 4,400 | 203,200 |
| | Total | 6,200 | 374,000 | - | 1,322,300 | 649,900 |
| 1964 | South Peninsula | 0 | 15,700 | - | 1,436,400 | 454,800 |
| | North Peninsula | 25,900 | 419,900 | - | 15,100 | 156,100 |
| | Total | 25,900 | 435,600 | - | 1,451,500 | 610,900 |
| 1965 | South Peninsula | 0 | 12,100 | - | 1,035,400 | 228,000 |
| | North Peninsula | 22,100 | 238,400 | - | 900 | 49,300 |
| | Total | 22,100 | 250,500 | - | 1,036,300 | 277,300 |
| 1966 | South Peninsula | 0 | 17,000 | - | 719,400 | 422,000 |
| | North Peninsula | 8,200 | 283,300 | - | 2,000 | 149,000 |
| | Total | 8,200 | 300,300 | - | 721,400 | 571,000 |
| 1967 | South Peninsula | 0 | 16,200 | - | 445,500 | 182,900 |
| | North Peninsula | 12,200 | 299,700 | - | 700 | 122,600 |
| | Total | 12,200 | 315,900 | - | 446,200 | 305,500 |
| 1968 | South Peninsula | 0 | 12,800 | - | 823,300 | 279,100 |
| | North Peninsula | 15,800 | 251,300 | - | 26,500 | 250,800 |
| | Total | 15,800 | 264,100 | - | 849,800 | 529,900 |
| 1969 | South Peninsula | 0 | 29,500 | - | 2,474,900 | 134,600 |
| | North Peninsula | 19,500 | 575,000 | - | 4,400 | 146,800 |
| | Total | 19,500 | 604,500 | - | 2,479,300 | 281,400 |
| 1970 | South Peninsula | 0 | 16,500 | - | 1,298,900 | 280,500 |
| | North Peninsula | 8,300 | 451,500 | - | 11,100 | 169,800 |
| | Total | 8,300 | 468,000 | - | 1,310,000 | 450,300 |
| 1971 | South Peninsula | 0 | 19,400 | - | 702,700 | 343,200 |
| | North Peninsula | 5,200 | 435,100 | - | 8,600 | 109,400 |
| | Total | 5,200 | 454,500 | - | 711,300 | 452,600 |
| 1972 | South Peninsula | 0 | 11,900 | - | 111,400 | 254,500 |
| | North Peninsula | 5,000 | 190,200 | - | 1,300 | 124,000 |
| | Total | 5,000 | 202,100 | - | 112,700 | 378,500 |
| 1973 | South Peninsula | 0 | 7,300 | - | 110,800 | 505,500 |
| | North Peninsula | 4,300 | 180,200 | - | 200 | 122,400 |
| | Total | 4,300 | 187,500 | - | 111,000 | 627,900 |

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Appendix D.1. (page 2 of 4)

| Year | Area | Chinook | Sockeye | Coho ^a | Pink ^b | Chum |
|------|-----------------|---------------|------------------|-------------------|-------------------|------------------|
| 1974 | South Peninsula | 0 | 95,600 | - | 284,400 | 257,300 |
| | North Peninsula | 3,000 | 332,800 | - | 23,000 | 105,100 |
| | Total | 3,000 | 428,400 | - | 307,400 | 362,400 |
| 1975 | South Peninsula | 0 | 51,700 | - | 552,100 | 193,300 |
| | North Peninsula | 4,600 | 516,800 | - | 600 | 109,200 |
| | Total | 4,600 | 568,500 | - | 552,700 | 302,500 |
| 1976 | South Peninsula | 0 | 69,700 | - | 1,456,400 | 327,200 |
| | North Peninsula | 6,000 | 532,600 | - | 37,300 | 293,400 |
| | Total | 6,000 | 602,300 | - | 1,493,700 | 620,600 |
| 1977 | South Peninsula | 0 | 64,900 | - | 2,677,800 | 774,900 |
| | North Peninsula | 7,100 | 541,100 | - | 8,500 | 681,200 |
| | Total | 7,100 | 606,000 | - | 2,686,300 | 1,456,100 |
| 1978 | South Peninsula | 0 | 64,800 | - | 2,858,700 | 600,500 |
| | North Peninsula | 13,700 | 1,213,500 | - | 96,800 | 310,500 |
| | Total | 13,700 | 1,278,300 | - | 2,955,500 | 911,000 |
| 1979 | South Peninsula | 0 | 53,300 | - | 2,629,500 | 411,100 |
| | North Peninsula | 15,800 | 1,574,000 | - | 9,300 | 305,300 |
| | Total | 15,800 | 1,627,300 | - | 2,638,800 | 716,400 |
| 1980 | South Peninsula | 0 | 45,900 | - | 2,641,600 | 362,400 |
| | North Peninsula | 11,000 | 1,387,600 | - | 103,600 | 769,500 |
| | Total | 11,000 | 1,433,500 | - | 2,745,200 | 1,131,900 |
| 1981 | South Peninsula | 0 | 45,700 | - | 2,307,500 | 381,300 |
| | North Peninsula | 12,400 | 1,347,900 | - | 6,100 | 535,200 |
| | Total | 12,400 | 1,393,600 | - | 2,313,600 | 916,500 |
| 1982 | South Peninsula | 0 | 39,200 | - | 2,293,000 | 386,900 |
| | North Peninsula | 20,000 | 718,400 | - | 51,700 | 457,600 |
| | Total | 20,000 | 757,600 | - | 2,344,700 | 844,500 |
| 1983 | South Peninsula | 0 | 59,200 | - | 851,200 | 446,500 |
| | North Peninsula | 25,700 | 580,300 | - | 4,000 | 392,600 |
| | Total | 25,700 | 639,500 | - | 855,200 | 839,100 |
| 1984 | South Peninsula | 0 | 54,800 | - | 3,811,600 | 699,700 |
| | North Peninsula | 17,700 | 826,000 | - | 56,600 | 870,200 |
| | Total | 17,700 | 880,800 | - | 3,868,200 | 1,569,900 |
| 1985 | South Peninsula | 0 | 49,900 | - | 1,614,100 | 503,400 |
| | North Peninsula | 12,900 | 898,100 | - | 1,400 | 344,200 |
| | Total | 12,900 | 948,000 | - | 1,615,500 | 847,600 |

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Appendix D.1. (page 3 of 4)

| Year | Area | Chinook | Sockeye | Coho ^a | Pink ^b | Chum |
|------|-----------------|---------------|------------------|-------------------|-------------------|------------------|
| 1986 | South Peninsula | 0 | 48,000 | - | 1,716,700 | 544,600 |
| | North Peninsula | 8,700 | 580,300 | - | 13,300 | 243,600 |
| | Total | 8,700 | 628,300 | - | 1,730,000 | 788,200 |
| 1987 | South Peninsula | 0 | 44,600 | - | 1,540,500 | 620,700 |
| | North Peninsula | 10,700 | 556,000 | - | 100 | 510,900 |
| | Total | 10,700 | 600,600 | - | 1,540,600 | 1,131,600 |
| 1988 | South Peninsula | 0 | 74,100 | - | 2,839,600 | 496,400 |
| | North Peninsula | 11,700 | 614,900 | - | 43,500 | 500,300 |
| | Total | 11,700 | 689,000 | - | 2,883,100 | 996,700 |
| 1989 | South Peninsula | 0 | 78,100 | - | 1,870,900 | 310,500 |
| | North Peninsula | 5,600 | 814,400 | - | 1,900 | 212,300 |
| | Total | 5,600 | 892,500 | - | 1,872,800 | 522,800 |
| 1990 | South Peninsula | 0 | 95,300 | - | 1,598,400 | 354,700 |
| | North Peninsula | 7,100 | 1,032,200 | - | 132,200 | 226,400 |
| | Total | 7,100 | 1,127,500 | - | 1,730,600 | 581,100 |
| 1991 | South Peninsula | 0 | 124,900 | - | 2,946,800 | 587,600 |
| | North Peninsula | 9,600 | 1,317,300 | - | 6,300 | 303,300 |
| | Total | 9,600 | 1,442,200 | - | 2,953,100 | 890,900 |
| 1992 | South Peninsula | 0 | 97,600 | - | 2,834,400 | 335,500 |
| | North Peninsula | 6,600 | 861,300 | - | 207,600 | 351,700 |
| | Total | 6,600 | 958,900 | - | 3,042,000 | 687,200 |
| 1993 | South Peninsula | 0 | 100,341 | - | 2,990,140 | 397,030 |
| | North Peninsula | 13,745 | 1,003,848 | - | 72,830 | 402,380 |
| | Total | 13,745 | 1,104,189 | - | 3,062,970 | 799,410 |
| 1994 | South Peninsula | 0 | 120,255 | - | 3,071,725 | 579,100 |
| | North Peninsula | 38,400 | 1,211,400 | - | 133,200 | 480,200 |
| | Total | 38,400 | 1,331,655 | - | 3,204,925 | 1,059,300 |
| 1995 | South Peninsula | 0 | 129,110 | - | 6,406,300 | 726,400 |
| | North Peninsula | 24,400 | 1,077,030 | - | 8,200 | 756,000 |
| | Total | 24,400 | 1,206,140 | - | 6,414,500 | 1,482,400 |
| 1996 | South Peninsula | 0 | 72,950 | - | 3,647,550 | 610,300 |
| | North Peninsula | 25,670 | 967,890 | - | 382,600 | 823,130 |
| | Total | 25,670 | 1,040,840 | - | 4,030,150 | 1,433,430 |
| 1997 | South Peninsula | 0 | 104,440 | - | 5,243,275 | 809,050 |
| | North Peninsula | 19,250 | 820,243 | - | 24,750 | 388,185 |
| | Total | 19,250 | 924,683 | - | 5,268,025 | 1,197,235 |
| 1998 | South Peninsula | 0 | 85,440 | - | 4,668,065 | 742,235 |
| | North Peninsula | 14,954 | 894,015 | - | 300,000 | 729,350 |
| | Total | 14,954 | 979,455 | - | 4,968,065 | 1,471,585 |

-Continued-

Appendix D.1. (page 4 of 4)

| Year | Area | Chinook | Sockeye | Coho ^a | Pink ^b | Chum |
|----------------------|-----------------|---------------|------------------|-------------------|-------------------|------------------|
| 1999 | South Peninsula | 0 | 96,800 | - | 5,015,310 | 725,180 |
| | North Peninsula | 10,907 | 897,267 | - | 20,000 | 666,275 |
| | Total | 10,907 | 994,067 | - | 5,035,310 | 1,391,455 |
| 2000 | South Peninsula | 0 | 69,530 | - | 2,792,985 | 522,075 |
| | North Peninsula | 9,565 | 927,194 | - | 50,000 | 594,700 |
| | Total | 9,565 | 996,724 | - | 2,842,985 | 1,116,775 |
| 2001 | South Peninsula | 0 | 161,630 | - | 2,965,136 | 751,221 |
| | North Peninsula | 13,337 | 875,353 | - | 31,141 | 692,712 |
| | Total | 13,337 | 1,036,983 | - | 2,996,277 | 1,443,933 |
| 2002 | South Peninsula | 0 | 192,749 | - | 3,762,800 | 602,750 |
| | North Peninsula | 18,924 | 894,543 | - | 40,000 | 679,810 |
| | Total | 18,924 | 1,087,292 | - | 3,802,800 | 1,282,560 |
| 2003 | South Peninsula | 0 | 198,192 | - | 5,511,220 | 476,540 |
| | North Peninsula | 11,078 | 1,231,411 | - | 20,000 | 447,960 |
| | Total | 11,078 | 1,429,603 | - | 5,531,220 | 924,500 |
| 1993-2002 Average | South Peninsula | 0 | 113,325 | - | 4,056,329 | 646,534 |
| | North Peninsula | 18,915 | 956,878 | - | 106,272 | 621,274 |
| | Total | 18,915 | 1,070,203 | - | 4,162,601 | 1,267,808 |

^a Coho salmon escapement estimates are not available due to incomplete data.

^b North Peninsula pink salmon escapement estimates are based on incomplete data.

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 Mensehikof 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 Mensehikof 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.

-Continued-

(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.;

-Continued-

(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;

-Continued-

(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;

-Continued-

(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) Urelia 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 90 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 Ikaton 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 Ikaton 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,

(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 the 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.

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 Kovrzhka;

(3) Makushin Bay Section: all waters between Cape Kovrzhka 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.

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 Seguam 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, 2003.

| 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 AWL data. |
| Charles Burkey Jr. | FB III (11-1021) | Southeastern District-Alaska Peninsula 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. |
| Switgard Duesterloh | FB II (11-1275) | Southeastern District-Alaska Peninsula Area Assistant Salmon Management Biologist and South Peninsula/Aleutian Islands Areas Assistant Herring Management Biologist, Sand Point. |
| Ken Bouwens | FB II (11-1273) | Salmon Research Biologist. |
| Randy Weber | Pilot I (11-1430) | Pilot and Aircraft Mechanic, Kodiak/Cold Bay. |
| 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. |
| Tracy McKinion | FB I (11-1433) | Port Moller Salmon Research/Management. |
| Steve Krueger | FB I (11-1911) | Nelson River Weir. |

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| Employee | Title (PCN) | Duties and Location |
|-----------------------|------------------|---|
| Andy Probasco | FT III (11-1962) | Ilnik Weir/Sandy River Weir. |
| Jason Manthey | FT III (11-5305) | Ilnik Weir. |
| Abe Shryock | FT III (11-1416) | Orzinski Weir, Shumagin Test Fishing. |
| Philip Fyfe | FT III (11-1849) | Sand Point Fish Ticket Clerk. |
| Greg Lee | FT II (11-1342) | Orzinski Lake Weir. |
| Mike Monroe | FT II (11-19575) | Nelson River Weir. |
| Meesha Murphy | FT II (11-1953) | Port Moller Salmon Research/Management. |
| Ihuhi Schimetka-Tesch | FT II (11-5256) | Ilnik Weir. |
| Joyce Soong | FT II (11-1959) | Sandy River Weir. |

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