

ALASKA DEPARTMENT OF FISH AND GAME
COMMERCIAL FISHERIES MANAGEMENT AND DEVELOPMENT DIVISION

UPPER COOK INLET COMMERCIAL FISHERIES
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and

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INTRODUCTION

The Upper Cook Inlet management area consists of that portion of Cook Inlet north of the latitude of Anchor Point and is divided into the Central and Northern Districts (Figure 1). The Central District is approximately 75 mi long, averages 32 mi in width, and is further subdivided into six subdistricts. The Northern District is 50 mi long, averages 20 mi in width and is divided into two subdistricts. At present, all five species of Pacific salmon (*Oncorhynchus*), razor clams (*Siliqua patula*), and Pacific herring (*Clupea harengus pallasi*) are subject to commercial harvest in Upper Cook Inlet. Harvest statistics are gathered and reported by five-digit statistical areas and sub-areas (Figure 2).

Salmon

Since the inception of a commercial fishery in 1882, many gear types, including fish traps, gillnets, and seines have been employed with varying degrees of success to harvest salmon in Upper Cook Inlet. Currently, set (fixed) gillnets are the only gear permitted in the Northern District, while both set and drift gillnets are used in the Central District. The use of seine gear is restricted to the Chinitna Bay Subdistrict where they are employed only sporadically. Drift gillnets have accounted for 60% of the average annual salmon harvest since 1966 with set gillnets harvesting virtually all of the remainder (Appendix A.1-6).

Commercial salmon harvest statistics specific to gear type and area are available only back to 1954 (Appendix A.7). Run-timing and migration routes utilized by all species overlap to such a degree that the commercial fishery is largely mixed-stock and mixed-species in nature. Typically, the Upper Cook Inlet harvest represents approximately 5% of the statewide catch.

In terms of their economic value, sockeye salmon (*O. nerka*) are by far the most important component of the catch followed by coho (*O. kisutch*), chum (*O. keta*), pink (*O. gorbuscha*) and chinook salmon (*O. tshawytscha*) (Appendix A.8).

Herring

Commercial herring fishing began in Upper Cook Inlet in 1973 with a modest harvest of bait-quality fish along the east side of the Central District and expanded in the late 1970's to include small-scale sac roe fisheries in Chinitna and Tuxedni Bays (Appendix A.9). The

total herring harvest has averaged less than 400 tons having an exvessel value below \$200,000, one of the smallest herring fisheries in the state.

Because the glacial waters of Upper Cook Inlet preclude the use of aerial surveys to estimate biomass of herring stocks, the management approach utilized has necessarily departed from the standard techniques employed in the more traditional herring fisheries. Gillnets are the only legal gear for herring in Upper Cook Inlet with set gillnets being used almost exclusively. Harvests are generally concentrated in the Clam Gulch area (bait herring) and in the Snug Harbor and Magnetic Island areas of Tuxedni Bay and near Clam Cove and Camp Point in Chinitna Bay (roe herring).

Beginning in 1988 in Tuxedni Bay, significant decreases in herring abundance and a shift towards older age class herring were observed resulting in the closure of Tuxedni Bay by emergency order prior to the 1992 season. In Chinitna Bay and along the eastside beaches similar declines began to materialize after the 1990 season. As a result of these declines a Department proposal to the Alaska Board of Fisheries to open the Upper Cook Inlet herring fishery by emergency order only, was submitted. This proposal passed and became regulation for the 1993 season, ending a long period with fixed opening dates of April 15 on the east side and April 22 on the west side of the Inlet. This action effectively closes this fishery until the herring stocks have completed the rebuilding process. The 1994 season was the second year of a total closure of the Upper Cook Inlet Area which is expected to last several more years.

Razor Clams

The commercial harvest of razor clams from Upper Cook Inlet beaches dates back to 1919. Harvest levels have fluctuated from no fishery for as many as eight consecutive years to production in excess of half a million pounds (live weight) in 1922 (Appendix A.10). The sporadic nature of the fishery has been more a function of limited market opportunities rather than limited availability of the resource.

Razor clams are present in many areas of Cook Inlet with particularly dense concentrations occurring near Polly Creek on the western shore and from Clam Gulch to Ninilchik on the eastern shore. The eastern shoreline has been set aside for sport harvest exclusively since 1959 and all commercial harvests since that time have come from the west shore, principally from the Polly Creek area. A large portion of the Polly Creek beach is approved for the harvest of clams for the human food market. Bait clams may be taken only outside of this

approved area. No overall harvest limits are in place for any area. Virtually all of the commercial harvest has come by hand-digging although regulations prior to 1990 allowed the use of mechanical harvesters (dredges) south of Spring Point or within a one mile section of the Polly Creek beach. Numerous attempts to develop feasible dredging operations were largely unsuccessful due to excessive shell breakage or the limited availability of clams in the area open to this gear.

1994 COMMERCIAL SALMON FISHERY

The 1994 commercial harvest of 5.0 million salmon in Upper Cook Inlet was somewhat above the long-term average catch of 4 million and just slightly lower than the harvest of the previous year. The harvest was valued at approximately \$34.4 million, an increase of nearly \$5 million over 1993.

Following their approval of an agenda change request, the Alaska Board of Fisheries altered the area open to set gillnetting on the north side of the Kenai River mouth. To accommodate long-standing sites, the area open was altered from north of the latitude of the north regulatory marker to the area north of a line bearing 235⁰ from the regulatory marker.

Throughout the 1994 season, emergency order announcements and fishery updates were provided to radio stations in Homer and the Kenai-Soldotna area and to processors, fishermen's organizations and other agencies via electronic facsimile. Emergency orders and daily escapement and harvest information were also made available through 24-hour recorded message telephone lines.

Sockeye Salmon

The 1994 commercial sockeye salmon harvest of 3.6 million fish was the tenth highest on record and approximately 50% higher than the long-term average. Valued at \$29.4 million,

the sockeye salmon harvest comprised 85.5% of the value of the total commercial salmon fishery. The distribution of the catch between drift gear (53%) and set net gear (47%) differed only slightly from the long-term average (57.5% drift).

Management of the Upper Cook Inlet sockeye salmon fishery integrates information received from a variety of programs which together provide an in-season model of the actual return. These programs include offshore test fishing, escapement enumeration by sonar and weir, comparative analysis of historic commercial harvest and effort levels, and age composition studies.

The offshore test fishing program employs a chartered gillnet vessel fishing standardized stations along a transect crossing Cook Inlet from Anchor Point to the Red River delta. The program provides an in-season estimation of sockeye salmon run-strength by determining fish passage rates (computed by correlating the vessel's daily catch with subsequent commercial harvests and escapement) and fitting these rates to the appropriate historic run-timing profile (Table 1). In 1994, the program was again conducted aboard the F/V *Corrina Kay* captained by Roy Self.

Hydroacoustic devices to quantify salmon escapement into glacial rivers were first employed in Upper Cook Inlet in the Kenai and Kasilof Rivers in 1968 and expanded to the Susitna River in 1978 and the Crescent River in 1979 (Appendix A.11). Operations followed standard procedures in all systems in 1994 and no unusual problems were observed (Table 2). Weirs placed on Fish Creek and Packers Creek (a Cook Inlet Aquaculture Association project) provided daily escapement counts for those systems.

Upper Cook Inlet commercial catch statistics refined to gear type, area and date are available back to 1966. Availability of these statistics in a computerized database format make them extremely valuable for evaluating in-season fishery performance. The 1993 commercial catch by gear type, area and date can be found in Tables 3 through 7. Total harvest by statistical area and average catch per permit are contained in Tables 8 and 9. A summary of emergency orders can be found in Table 10 and a summary of fishing periods by gear type and area in Table 11.

Inseason determination of the age composition of sockeye salmon entering the principle rivers frequently provides information helpful in estimating the stock contributions in various fisheries. During the 1994 fishery approximately 25,000 sockeye salmon were examined from catch and escapement samples. The age composition of adult sockeye returning to

monitored systems is provided in Table 12.

The 1994 season began with the June 2 opening of the sockeye salmon fishery near Big River in the Kustatan Subdistrict. A management plan (5AAC 21.368) adopted by the Board of Fisheries first opened this fishery in 1989. The 1994 harvest of 3,124 sockeye salmon was the lowest on record for this fishery. The incidental harvest of chinook salmon (435 fish) was the second smallest on record and well below the 1,000 fish cap imposed by the management plan. Twenty fishermen made landings in this fishery and sockeye salmon averaged 4.55 pounds based on fish ticket information. The "peak" of the sockeye salmon catch (640 fish) occurred on June 10.

The sockeye salmon return to the Crescent River on the west side of the Central District is sufficiently segregated from the other July sockeye salmon runs to allow management measures to be taken solely within the Western Subdistrict set gillnet fishery. The 1994 return was extremely poor, requiring closure of the fishery south of Redoubt Point following the July 11 fishing period and continuing through the August 1 period. The Western Subdistrict catch of 13,124 sockeye salmon was only about 25% of the long-term average and the poorest catch on record. The Crescent River escapement of 30,355 was only 60% of the minimum goal.

Prior to the fishing season, fishermen were informed that returns to the Kenai River were expected to be considerably smaller than the recent average due to an apparent sharp decline in the number of smolt outmigrating from the broodyear that would produce the majority of the 1994 return. This factor, coupled with ongoing concerns with achieving satisfactory sockeye salmon escapement levels in the Susitna River, would likely require some restriction of the basic fishery but the precise nature of those restrictions would be formulated during the fishing season as relative run strengths were determined.

The drift fishing season began on the regulatory opening date of June 27 with sockeye salmon catches through early July at expected levels. The Upper Subdistrict set nets opened on schedule on July 1 with fairly strong catches coming from the southern beaches (Cohoe and Ninilchik) up through the regular period on July 8. By July 8, the Kasilof escapement was approaching 100,000 or two-thirds of the minimum goal. Daily counts on July 6,7 and 8 were very strong, averaging 10,000 per day. In response, an additional period was opened for the Upper Subdistrict set nets and drift nets within 3 miles of shore south of the Blanchard Line (a regulatory marker approximately 4 1/2 miles north of the Kasilof River)

on Sunday, July 10 from 7:00 am to 9:00 pm. Drift effort and harvest was very low and the set net catch also dropped off sharply.

With the overall sockeye run proceeding about as expected, the drift fishery was restricted to the eastside 3-mile corridor for the regular period on July 11 in order to reduce the exploitation of Susitna River sockeye. Both effort and catch were quite small and the beach catches remained low. The next regular period (Friday, July 15) went forward without restriction and catches both in the drift fishery (368,000) and off the eastside beach (148,000) increased dramatically. Good movements of fish into both the Kasilof and Kenai were observed at the river mouths and both sonar counters picked up sharply. The set net fishery south of the Blanchard Line and within 1/2 mile of shore were extended through the weekend to focus harvest on Kasilof-bound fish. No emergency order restrictions were placed on the principle fisheries for the regular period on Monday, July 18. Modest numbers of fish were passing the Kenai counters (cumulative total of 122,000 through July 18), the Kasilof escapement remained strong with the minimum goal attained on July 19 and significant numbers of fish were just beginning to show up at the Yentna River counters. The drift catch on July 18 declined to 258,000 but Upper Subdistrict set net catches remained strong (207,000). Northern District catches increased sharply to 20,000 although this remained only a fair catch for this date.

Upper Subdistrict set nets south of the Blanchard Line and within 1/2 mile of shore were again extended from the end of Monday's period until the Friday regular period on July 22. With both Kenai and Yentna escapements progressing slowly, drift gillnetting was closed on July 22 along with set netting in the Northern district and in the Upper Subdistrict not including those nets south of the Blanchard line and within 1/2 mile of shore. These inshore nets were again extended from the end of Friday's period until 10:00 P.M. Saturday, July 23.

By Sunday, July 24 the Kenai River escapement was approaching the required minimum level, catches on the beach were increasing (presumably influenced by an increased abundance of Kenai-bound fish) and offshore test fishing indices remained stable at fairly good levels. The analysis of these factors indicated the Kenai return was both later than normal and stronger than forecast. Concerns about achieving an adequate escapement dissipated and shifted to concerns centered on increasing the harvest rate to prevent exceeding the upper end of the escapement goal. The status of the Susitna River return remained uncertain. Accordingly, the Upper Subdistrict set nets were opened at 3:00 P.M. Sunday and allowed to fish until the opening of the regular period on Monday, July 25. The

drift corridor was also open during this time frame, minus the hours of darkness as is common practice.

Monday's regular period was allowed to proceed without restriction and produced another strong catch in the drift fishery (297,000 sockeye), a fair catch from the east side set nets (69,000) and a fair catch in the Northern District set nets (15,000). Strong sonar counts were achieved in the Kenai on Sunday and Monday (45,000 and 56,000, respectively) achieving the minimum goal of 400,000. The Kasilof counting rate remained steady with the cumulative count comfortably above the minimum goal. Yentna River daily counts remained fairly strong but the cumulative total through Monday of 60,000 remained well short of the desired range.

By Monday, the Fish Creek sockeye salmon escapement had reached the level that assured that the 50,000 goal would be met and, in accordance with the Fish Creek Sockeye Salmon Management Plan, a portion of Knik Arm was opened to set gillnetting for a single period on Tuesday, July 26, producing a catch of 7,500 sockeye and 800 coho salmon.

To maintain harvest pressure on Kenai and Kasilof stocks, the Upper Subdistrict set nets and the drift corridor were extended day by day throughout the week until the regular Friday period on July 29. The drift fleet was allowed to fish district-wide south of the north end of Kalgin Island on Wednesday, July 27 from 5:00 AM to 10:00 PM to further reduce Kenai and Kasilof surpluses. The Wednesday drift catch remained fairly high (276,000). The Friday period went forward without restriction as daily counts at Yentna remained good and it now appeared that there would be no problem achieving the desired escapement range there. The period once again produced a good drift harvest (165,000).

Commissioner Carl Rosier, having received a number of calls from recreational fishermen complaining about the lack of sockeye salmon in the Kenai River, informed the staff that he wished to be directly involved in any further decision-making regarding extended use of the east side set nets. A conference call involving headquarters, regional and area staff from both fisheries divisions was convened on the afternoon of Friday, July 29. The staff recommendation was to continue the extension of the east side set nets and the drift corridor into Saturday, based on the continued abundance of primarily Kenai bound sockeye salmon in the drift catch and the present level of escapement in the Kenai (434,000 through Thursday). It was the staff assessment that the lowest possible final escapement would be near the upper end of the desired range even with continued fishing. The commissioner did not accept the recommendation, choosing instead to let fishing cease at the end of the

regular period on Friday. Although increased numbers of fish were observed entering the Kenai River mouth late Friday and early Saturday, another conference call with the same staff recommendation produced the same result - no further fishing until the opening of the regular period on Monday, August 1. Fish continued to be observed entering the river mouth in good numbers on Saturday and Sunday with particularly high numbers entering on the Sunday evening tide.

The Monday fishing period produced only fair drift and east side set net catches although the Northern District set net catches were the highest of the season (25,000). Fish entering the Kenai River during the weekend closure began to reach the sonar counters at river mile 19 by Sunday evening. Commissioner Rosier accepted the staff recommendation to allow extended fishing time to curb as much as possible any further river entry and the east side set nets and the drift corridor were sequentially opened throughout the week as the Kenai sonar count rapidly reached and exceeded the upper end of the desired escapement range. An extra period (6:00 AM to 8:00 PM) was allowed in the Northern District on Wednesday, August 3 when it became apparent that adequate numbers of sockeye would reach the Yentna River counters. At this point, the Commissioner chose to no longer participate in day-to-day management decisions.

The extended fishing along the east side ended at the close of the Monday, August 8 fishing period as sockeye catches dwindled and concerns arose over the numbers of coho salmon being taken in this intense fishery. Additional fishing time was permitted for the Kalgin Island set nets on August 6, 10, 17 and 24 to harvest Packers Creek sockeye salmon.

Final sonar counts for sockeye salmon in the Kenai River reached 1,003,446 with the peak of escapement (95,473) occurring on August 2, the latest peak day on record. The midpoint of the monitored escapement was reached on August 1. The goal range of 400,000 to 700,000 was exceeded by a wide margin. The Kasilof River total of 205,117 was solidly within the desired range of 150,000 to 250,000 with the peak day (12,767) occurring on July 7 and the midpoint reached on July 10. The Yentna River counters recorded 128,032 sockeye salmon, well within the desired range of 100,000 to 150,000. The peak daily count of 10,617 occurred on July 21 while the midpoint was reached on July 26. Fish Creek weir counts for sockeye salmon totaled 95,107 with the highest daily count (12,077) observed on August 2 and the midpoint of the escapement reached on July 26.

Chum Salmon

Chum salmon returning to Upper Cook Inlet are bound principally for the Susitna River with much smaller returns bound for several streams in Knik and Turnagain Arms and along the west side of the Central District. The harvest occurs primarily in the drift fishery (87%), the Northern District set net fishery (7%) and the Central District west side set net fishery (6%). The timing of the Susitna River return significantly overlaps the timing of the sockeye salmon returns and as a result, management measures directed at sockeye salmon often influence the chum salmon harvest. The Susitna River chum salmon escapement is not measured and no escapement objectives are defined.

The 1993 harvest of 298,987 chum salmon was far below the long-term average of over 600,000 although a considerable improvement over the dismal harvest of just 122,000 the previous season. The chum salmon catch, valued at \$831,000, accounted for just 2.4% of the exvessel value of the salmon fishery. The fairly conservative offshore drift fishery contributed to reducing the exploitation of the return and the resulting Susitna River escapement was subjectively judged to be fair.

Chum salmon returns to Central District west side streams were also below average and harvests from these areas were below average. Escapement in the few streams monitored was generally below average as well.

Pink Salmon

Returns to the Susitna and Kenai rivers combine to account for the majority of the pink salmon production in Upper Cook Inlet. Both rivers have abundant returns only in even-numbered years.

The 1994 pink salmon return produced a harvest of 520,481 fish, well below average for an even-numbered year and the poorest even-year harvest since 1988. Pink salmon accounted for only 0.7% of the value of the salmon fishery with an exvessel value of \$240,000. No escapement objectives exist for even-year pink salmon and this species did not play a role in any management decision implemented during the 1994 season. Unless pink salmon are unusually abundant, fishermen do not find it profitable to target on this species, actually

actively avoiding areas of pink salmon concentrations in order to focus effort on more lucrative species. Given this behavior, the exploitation of weak pink salmon returns is thought to be quite low.

Coho Salmon

For discussion purposes, it is useful to divide Upper Cook Inlet's diverse coho salmon stocks impacted by the commercial fishery into three broad categories. The first category contains those stocks bound for the Susitna River and other Northern District streams. These migrate through the Central District during the last three weeks of July. The Cook Inlet Salmon Management Plan identifies Susitna River coho salmon as a stock which should experience a minimized commercial interception, to the extent consistent with other goals established within the Plan. While simple in concept, this directive is much more difficult to implement in practice. The management plan identifies a higher priority for the sustained commercial harvest of sockeye, chum and pink salmon stocks, many of which are bound for the same streams at similar times and along similar pathways utilized by Susitna River coho salmon stocks. Consequently, these stocks are normally exploited at fairly significant levels in the commercial drift and the Northern District set net fisheries. It is occasionally possible to time fishery closures aimed principally at stock conservation of sockeye salmon to take advantage of peaks in abundance of coho salmon but such opportunities arise too infrequently to consistently meet the Plan objectives.

The second category of interest is the early return of coho salmon to the Kenai River which peaks in abundance in early August and is intercepted in both the drift and eastside set net fisheries. The allocation status is the same as for Susitna coho salmon. Due to the overlap with the Kenai River sockeye salmon return, it is difficult to avoid a substantial interception of this stock in the commercial fishery.

The third stock grouping consists of a diverse collection of coho salmon returns to the numerous streams along the west side of Cook Inlet. Under the management plan, these stocks are managed primarily for commercial uses. Fishing time in the west side set net fisheries during August is based primarily on the strength of these returns.

The 1994 coho salmon harvest of 580,567 was nearly double the long-term average and accounted for 9.6% of the exvessel value of the salmon fishery. Commercial interception of Susitna River coho salmon probably occurred at normal levels with mid-July restrictions

aimed at conserving Susitna sockeye stocks countered by a later extra period in both the drift fishery (July 27) and Northern District set net fishery (August 3). Inriver abundance was not directly measured but subjectively appeared to be fair to good.

The Kenai River early return exhibited average run strength as judged by daily catches in the eastside set net fishery. Commercial interception of this stock as judged by the east side set net catch was significantly higher than the long-term average. Freshwater abundance, as indicated by harvest rates in the inriver recreational fishery, was average.

The west side and late Northern District coho salmon returns were generally average to above-average and fishing in these areas was extended to three weekly periods beginning August 24 for the remainder of the fishing season.

Chinook Salmon

The principle stocks of chinook salmon harvested in the commercial fishery are the return to the Susitna River and the late run to the Kenai River. Created by the Board six years ago and conducted under the direction of the Susitna River Chinook Salmon Management Plan, a minor fishery occurs each June for set gillnets in the Northern District. Each participant is allowed one 35-fathom net and a minimum distance of 1200 feet must be maintained between nets (twice the normal distance). Fishing is permitted for 6 hours each Monday in June until the quota of 12,500 chinook has been harvested or the regular season opens on June 25. Harvest levels approached or reached the quota in the first years of the fishery but have declined substantially in recent years as Susitna River chinook salmon run strength has dropped.

The 1994 Northern District chinook salmon fishery harvested 3,006 chinook salmon, the lowest catch since the inception of the fishery. The principle reason for the reduced harvest was the significantly reduced run-strength of chinook salmon as evidenced by reduced abundance in many rivers and tributaries. Coupled with widespread sport fishery restrictions, the Northern District commercial fishery was closed for the final scheduled period on June 20.

The other major stock of chinook salmon harvested in the commercial fishery, the late run to the Kenai River, generates the greatest controversy in Upper Cook Inlet, pitting Kenai

River recreational anglers against Upper Subdistrict ("eastside") set netters. An average of over 13,000 chinook salmon were taken annually during the 1980's in the commercial set net fishery, frequently exceeding the sport fish harvest. Much smaller numbers are taken in the drift gillnet fishery.

The 1994 eastside set net fish ticket total of 15,885 chinook salmon represents the highest catch since 1987, due in part to the intense fishing directed at surpluses of Kenai River sockeye salmon. Projections of chinook escapement throughout the season remained sufficiently high to prevent any of the restrictive provisions of the Kenai River Late Run Chinook Salmon Management Plan from being triggered.

The harvest was spread fairly evenly over the eastside beach areas with Ninilchik (244-21), Cohoe (244-22), Kalifonsky (244-30) and Salamatof (244-40) averaging 45, 25, 27 and 23 chinook salmon per permit holder, respectively. A total of 21 chinook salmon were reported as retained for personal use by commercial fishermen, 13 of those coming from the Central District eastside set net fishery.

Price, Average Weight and Participation

In general, prices paid to fishermen for their catch increased sharply from 1993 levels. The price per pound for sockeye salmon rose 40 cents, from \$1.00 to \$1.40. (Appendix A.12). Chinook, coho, pink and chum salmon were sold for \$1.00, \$0.80, \$0.12 and \$0.40 per pound, respectively. It should be noted that these averages are generated from inseason grounds prices and do not reflect any post-season adjustments.

As determined from fish ticket calculations, the average weight by species generally were similar to the long-term mean. Chinook salmon averaged 31.7 pounds per fish while sockeye, coho, pink and chum salmon averaged 5.7, 7.1, 3.9 and 6.9 pounds, respectively (Table 13., Appendix A.13).

The Commercial Fisheries Entry Commission issued 579 drift gillnet permits (67.7% to Alaska residents) and 737 set gillnet permits (84.1% to Alaska residents) for the Cook Inlet area in 1994 (Appendix A.14). A total of 35 firms or individuals purchased Upper Cook Inlet fishery products during 1994 (Table 14).

Salmon Enhancement

Salmon enhancement through hatchery stocking has been a part of Upper Cook Inlet salmon production since the early 1970's. Presently, three commercially-oriented hatcheries are sited in Upper Cook Inlet, all operated by the Cook Inlet Aquaculture Association. Two of the facilities were originally built and operated by the Department's FRED Division and have recently been leased to CIAA as the state operating budget has been reduced. The hatcheries have functioned to produce primarily sockeye salmon with minor production of coho and chinook salmon. Most of the major projects operate without marking programs, making accurate estimates of contribution to common property harvests difficult. In general, hatchery-produced sockeye salmon have accounted for less than 10 percent of the commercial catch.

Owned and operated by CIAA, the Eklutna hatchery is located on the lower Knik River at the head of Knik Arm. Originally functioning as a chum salmon facility, this hatchery converted to sockeye salmon culture in 1992. The current program calls for annual production of 1 million sockeye salmon smolts and 50,000 coho salmon smolts for release at the hatchery site and 5 million sockeye salmon fry for release in the Big Lake drainage. All fish are of Big Lake origin. Hatchery cost recovery is permitted in the hatchery tailrace although this harvest is opportunistic and no provisions are made to manage common property fisheries to assure a fixed level of revenue. At this time, only small surpluses of past chum salmon stocking are returning to the hatchery. In 1994, 24,816 chum salmon, 319 coho salmon and 9 sockeye salmon were taken by CIAA from the Eklutna tailrace and sold.

The Crooked Creek hatchery opened as a state facility in 1974 and has functioned primarily as an incubation site for sockeye fry destined for Tustumena Lake in the Kasilof River drainage. The stocking level for this project has declined from approximately 17 million to 6 million and the resulting surplus fry are currently stocked in a variety of lake systems in Lower Cook Inlet. The facility is currently operated by CIAA. No Upper Cook Inlet cost recovery revenues are presently generated by Crooked Creek activities with the exception of the few fish straying into the hatchery tailrace. CIAA harvested and sold 33 sockeye salmon from the Crooked Creek tailrace in 1994.

The Trail Lakes hatchery, located in the upper Kenai River drainage, opened as a state facility in 1982 and was transferred to CIAA in 1990. The current Upper Cook Inlet sockeye salmon programs include a 2 million fry stocking project for Chelatna Lake in the Susitna River drainage, a 2.3 million fry stocking project for Hidden Lake in the Kenai

River drainage, a 200,000 smolt stocking project for release in Coal Creek in the Kasilof drainage and a 2.75 million fry stocking program for Packers Lake on Kalgin Island. Only the Packers Lake project offers any opportunity for cost recovery. Any fish surplus to escapement needs may be recovered and sold by CIAA but no restriction of common property fisheries occurs in order to assure revenue opportunities. In 1994, the Packers Creek escapement reached the point where surpluses could be projected by early August and CIAA began harvesting fish at a blocking weir site near tidewater beginning August 9. By early September, 22,235 sockeye salmon averaging 4.23 pounds had been harvested and sold for cost recovery.

Stock Status and Outlook

In general, Upper Cook Inlet's salmon stocks are in good condition although several problem areas currently exist. Although the Kenai River has recently produced sockeye salmon returns at record levels, monitoring of juvenile populations indicates this return will decline significantly over the next several years. Studies presently suggest the sequential large escapements beginning in 1987 have overtaxed the rearing capability of the system, leading to subsequent poor fry survival that has carried at least two years beyond the large brood years. It is unknown at this time how long the low level of juvenile production will continue but adult returns in 1995 and 1996 will likely offer harvestable surpluses considerably below the level that have been enjoyed for the last decade.

Kasilof River returns, very strong through the early and mid 1980's, appear to have stabilized at somewhat lower levels and returns there are expected to remain at about average levels over the next several years. Susitna River escapements in recent brood years were generally good although the 1992 brood year escapement was poor and the primary return year (1997) to this system will likely be diminished. Despite very high parent-year escapements, recent production from Crescent River has been poor. The near-term outlook for this system is difficult to project. In summary, Upper Cook Inlet sockeye salmon harvests through the 1990's will likely drop substantially from the 1980's while the severity and duration of the decline will depend on the status of the Kenai River.

For 1995, the expected total return of sockeye salmon is forecast to be 3.9 million and the harvest should equal 2.7 million (Appendix A.15).

Chum salmon production has been relatively poor in recent years, in part due to after-effects of the 1986 fall flooding of the Susitna Basin, but likely also due to poor general environmental factors. Chum salmon stocks throughout central and western Alaska have shown a similar drop in productivity. Lacking quantitative escapement information, it is more difficult to speculate on near-term returns but it is likely that chum salmon returns will be, at best, poor to fair over the next four years. The 1995 harvest projection for chum salmon is 250,000.

Susitna River pink salmon have recovered substantially from the 1986 flood but overall marine survival of pink salmon appears to be waning. The 1995 harvest is projected to be 100,000.

Upper Cook Inlet's coho salmon stocks generally produced very strong returns throughout most of the 1980's and no downturn in this trend has been observed. Susitna River escapements have been excellent for the last several years and the outlook for this return is very good. Early-run Kenai River coho salmon returns have ranged from average to good in recent years but harvests have been high in both the commercial fishery and in the rapidly growing sport fishery. The Upper Cook Inlet commercial harvest for 1995 is projected to be 400,000.

Chinook salmon stocks in Upper Cook Inlet appear to be in generally fair to good condition although many Northern District stocks have declined substantially from the very high levels of several years ago. The 1995 projected Upper Cook Inlet commercial chinook salmon harvest is 15,000.

COMMERCIAL RAZOR CLAM FISHERY

Historically the Cook Inlet razor clam fishery on the west side of Cook Inlet has been confined to the area between Crescent River and Redoubt Point. All clams harvested in this area are directed by regulation to be sold for human consumption, except for the small percentage (less than 10%) of broken clams which may be sold for bait. Razor clams are present throughout this area with especially dense concentrations in the Polly Creek and Crescent River areas. Beginning in 1993 the Department of Environmental Conservation certified additional area for human consumption, north of the existing Polly Creek certified beach, to Redoubt Creek. In 1994 this certification was extended north to Harriet Point. In the remainder of the Upper Cook Inlet Management Area there are no restrictions on the amount of clams that can be sold for bait. Currently there is no directed effort to harvest razor clams for the bait market. The minimum legal size for razor clams is four and one-half inches (114mm) in shell length.

The 1994 fishery began on May 11 and the last reported deliveries were made on August 23. The season's harvest taken primarily from the Polly Creek/Crescent River area was 355,165 pounds (Appendix A.10). A total of 31 diggers made 2,074 landings over the course of the season. Diggers were paid an average of \$.50 per pound for their harvest making the total fishery exvessel value \$178,000. The 1994 Seldovia District tide tables can be found in Table 16.

SUBSISTENCE AND PERSONAL USE FISHERIES

The Alaska State Legislature, during the 1992 session, passed legislation that would allow the Boards of Fish and Game to establish non-subsistence areas, "where subsistence was not a principle part of the social or economic structure of the community". During the 1992 Board Meeting covering Upper Cook Inlet the Board of Fisheries established that most of Upper Cook Inlet was a non-subsistence area and rescinded the Upper Cook Inlet Subsistence Salmon Management Plan. This action ended all subsistence fisheries in Upper Cook Inlet with the exception of the Tyonek subsistence fishery and reinstated personal use set net fisheries at the mouth of the Kasilof River in late June and along the eastern shoreline north of the Kasilof River during the last three weekends of September. In addition dip net fisheries were reinstated in the mouth of the Kenai and Kasilof Rivers and in Fish Creek in the Northern District.

In October of 1993 the "non-subsistence areas" provision was ruled unconstitutional by Judge Dana Fabe in the Superior Court. This ruling was appealed by the State of Alaska to the Alaska Supreme Court where a stay was granted on March 10. This stay was vacated by the full court on April 11. A special meeting of the Joint Boards was convened on April 28 by teleconference. As a result of these meetings the Upper Cook Inlet Subsistence Salmon Management Plan was readopted on April 28.

Under the regulations adopted by the Board of Fisheries, the Upper Cook Inlet Subsistence Salmon Management Plan, subsistence fishing would be allowed with 10 fathom set gillnets in most marine water areas of Upper Cook Inlet normally open to commercial set gillnet fishing. In addition setnet fisheries were created in the Knik Arm, as well as dip net fisheries in the mouths of the Kenai and Kasilof Rivers.

The annual bag and possession limits for this fishery were established at twenty-five salmon per permit-holder of which no more than five could be chinook salmon, with an additional ten salmon for each household member of which no more than one could be a chinook salmon. Subsistence periods were scheduled on select Wednesdays and Saturdays from 8:00 a.m. to 8:00 p.m. by regulation.

The gear specifications in the set gillnet fishery were for a maximum length of 10 fathoms (60 feet) and no more than 45 meshes in depth. Mesh size must be greater than four inches but may not exceed six inches. In the dip net fishery the legal gear consists of "a bag shaped net supported on all sides by a rigid frame. The maximum straight line distance between

any two points on the net frame as measured through the net opening may not exceed five feet. The depth of the bag must be at least one half the greatest straight line distance as measured through the net opening. No portion of the bag may be constructed of webbing which exceeds a stretched measurement of 4.5 inches. The frame must be attached to a single rigid handle and be operated by hand.

In addition to allowing subsistence fisheries in most areas of Upper Cook Inlet, this regulation also eliminated the Kasilof and Central and Northern Districts personal use gillnet fisheries in years when the subsistence fishery is conducted in the same area.

Upper Cook Inlet Subsistence Fishery

The 1994 subsistence fishery was the third year of the fishery created in 1991 by the Board of Fisheries. A total of 10,127 permits were issued for the 1994 season, only 4,823 of these permits were returned as required. Harvest statistics were developed only from these returned permits. A total of 1,635 of the returned permits were not used to participate in this fishery. Of the remaining permits, 1,312 were used to dip-net in the Kenai and Kasilof Rivers harvesting 20,961 salmon (Table 15). A total of 1,875 permits were used to set gillnet in the marine waters of Upper Cook Inlet, harvesting 50,758 salmon. The majority of the effort and harvest was from the east side of the Central District and from Knik Arm of the Northern District.

Prior to the start of the 1993 fishing season in late June, a court order from Judge Fabe in the Superior Court for the Third Judicial District, in Anchorage, ordered the Department to allow educational fisheries for the Kenaitze Indian Tribe, the Ninilchik Traditional Council, the Native Village of Eklutna and the Knik Tribal Council.

The Kenaitze Tribal Fishery

This fishery first allowed in 1989 has continued each year to and including 1994. Under the terms of the permit, the Kenaitze Tribe was issued a single permit allowing the bearer, who must be a tribal member domiciled in Game Management Unit 7 or 15 (the Kenai Peninsula), to operate a single 10-fathom set gillnet having a mesh size no greater than 8.5 inches in the Kenai River downstream from a point one-quarter mile above the Warren

Ames Bridge and including those marine waters adjacent to the river mouth normally closed to commercial salmon fishing. Fishing was permitted each day on a 24-hour basis from June 1 to September 1 and from September 16 to September 30. Fishing was to cease when a total of 5,000 salmon had been harvested. A total harvest quota of 300 chinook salmon was also in effect after which all chinook would be released alive. A third provision of this permit allowed for a harvest quota of no more than 500 coho salmon taken after September 15.

Fishing occurred primarily in marine waters south of the mouth of the Kenai River and occasionally in an area known as the "Birches", a prominent stand of birch trees on the south bank of the river immediately upstream of the Warren Ames Bridge. The harvest for the 1994 season, as reported by the tribal office, totaled 57 chinook, 1,858 sockeye, 134 pink and 829 coho salmon.

Ninilchik Traditional Council Fishery

Under the terms of this permit first issued in 1993, Alaska residents accompanied by a council member may participate in this fishery. The permit allowed the council to operate a single 10-fathom set gillnet having a mesh size no greater than 6.0 inches in the waters of Cook Inlet between a point 100 yards north of the Ninilchik small boat harbor entrance and the latitude of the commercial fisheries marker located approximately 1 statute mile north of the Ninilchik small boat harbor entrance and extending one-fourth of a mile offshore. Fishing was permitted each day on a 24-hour basis from July 15 to September 1 and from September 16 to September 30. Fishing was to cease when a total of 2,000 salmon had been harvested, additionally no more than 250 coho and 100 chinook salmon, 50 of which could be harvested prior to July 21 with an additional 50 chinook salmon harvested after July 21 if the projected spawning escapement into the Kenai River exceeds 22,300 chinook was placed on this fishery. The harvest for the 1994 season totaled 7 chinook, 162 sockeye, 119 coho and 16 pink salmon.

Native Village of Eklutna Fishery

Under the terms of this permit first issued in 1993, Alaska residents accompanied by a village member may participate in this fishery. The permit allowed the village to operate

a single 10-fathom set gillnet having a mesh size no greater than 6.0 inches, in Knik Arm adjacent to the village site or in those waters within one mile from mean high water in an area from Goose Bay Creek, north to Fish Creek. Fishing was permitted each day on a 24-hour basis from July 8 to September 30 with the exception of closures in the Fish Creek area during commercial periods on July 18, July 22 and July 25. In addition no fishing was permitted in the Fish Creek area after July 26. A harvest quota of 1,000 salmon, no more than 250 of which could be coho salmon was placed on this fishery. Additionally this harvest quota was divided equally between each fishing location so that no more than 500 salmon and 125 coho could be taken at Fish Creek or at the village site. The harvest for the 1994 season totaled 2 chinook, 27 sockeye, 7 coho and 76 chum salmon.

Knik Tribal Council Fishery

Under the terms of this permit first issued in 1993, Alaska residents accompanied by a village member may participate in this fishery. The permit allowed the village to operate a single 10-fathom set gillnet having a mesh size no greater than 6.0 inches, in Knik Arm adjacent to the village site or in those waters within one mile from mean high water in an area from Goose Bay Creek to Fish Creek. Fishing was permitted each day on a 24-hour basis from July 15 to September 30. A harvest quota of 1,000 salmon, no more than 250 of which could be coho salmon was placed on this fishery. Additionally this harvest quota was divided equally between each fishing location so that no more than 500 salmon and 125 coho could be taken at Fish Creek or at the village site. The harvest for the 1994 season was 29 salmon, the permittee failed to report the species breakdown.

Tyonek Subsistence Salmon Fishery

Created by court order in 1980, this fishery was originally open only to those individuals domiciled in the village of Tyonek. Recent court decisions allow any Alaska resident to participate although very few non-villagers seek permits. Only one permit is allowed per household and each permit holder is allowed a single ten-fathom net having a mesh size no greater than six inches. Fishing periods are open from 4:00 a.m. to 8:00 p.m. each Tuesday, Thursday and Friday from May 15 to June 15 and from 6:00 a.m. to 6:00 p.m. each Saturday after June 15. The 1994 season resulted in a total reported harvest of 840 chinook, 41 sockeye, 111 coho, and 22 chum salmon (Stanek, ADF&G, memorandum).

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Table 1. Offshore sockeye salmon testfishing results, F/V *Corrina Kay*, 1994.

DATE	NUMBER OF STATIONS	FISHING TIME (min)	CATCH	CUMULATIVE CATCH	INDEX	CUMULATIVE INDEX	MEAN LENGTH (mm)	MEAN WEIGHT (kgs)	WATER TEMP (c)	AIR TEMP (c)	SALINITY (ppm)	BEGINNING WIND VEL DIR	ENDING WIND VEL DIR
7/01	6	228.0	18	18	14.400	14.400	542.	.00	9.7	12.7	28.8	0	5 SE
7/02	5	187.0	12	30	9.200	23.600	538.	.00	9.6	9.8	29.4	7 SW	12 NW
7/03	6	234.5	43	73	32.600	56.200	522.	.00	10.0	13.2	29.3	7 SE	20 SE
7/04	5	185.0	1	74	.800	57.000	0.	.00	10.0	9.2	28.8	3 NW	15 N
7/05	6	224.5	61	135	49.022	106.022	525.	.00	9.6	11.2	29.0	15 SW	5 S
7/06	5	156.5	6	141	4.900	110.922	504.	.00	9.7	14.0	29.0	0	12 SE
7/07	6	239.5	86	227	58.422	169.344	526.	.00	10.1	20.8	30.3	5 SE	7 SW
7/08	5	187.5	47	274	32.437	201.781	545.	.00	9.8	14.0	28.1	7 S	17 SE
7/09	6	220.0	20	294	16.300	218.081	522.	.00	10.0	12.8	28.8	15 S	3 S
7/10	5	192.5	80	374	61.800	279.881	517.	.00	9.5	9.6	29.5	22 NW	20 NW
7/11	6	210.0	22	396	18.227	298.108	0.	.00	10.0	12.2	29.5	10 N	5 NE
7/12	5	176.5	6	402	5.357	303.465	528.	.00	9.2	11.0	29.5	5 SW	5 SE
7/13	6	221.0	23	425	17.422	320.887	539.	.00	10.7	15.7	28.7	4 SE	0
7/14	5	188.5	16	441	12.233	333.120	548.	.00	9.5	11.0	29.6	8 S	8 SW
7/15	6	239.0	56	497	36.850	369.970	527.	.00	9.8	11.7	29.3	0	0
7/16	5	192.0	49	546	34.289	404.259	541.	.00	10.1	11.4	29.3	15 NE	18 N
7/17	6	230.0	55	601	42.800	447.059	534.	.00	9.9	13.5	29.1	15 NW	10 NW
7/18	5	191.5	24	625	16.545	463.604	553.	.00	10.3	10.6	28.9	12 NE	8 NW
7/19	6	232.0	92	717	64.345	527.949	542.	.00	11.0	15.4	28.8	0	18 S
7/20	5	185.0	80	797	62.545	590.494	546.	.00	10.5	12.4	28.3	25 SE	10 SE
7/21	5	193.5	54	851	40.700	631.194	537.	.00	9.8	10.8	29.2	15 NW	25 NE
7/22	5	196.5	55	906	38.700	669.894	538.	.00	9.6	12.6	29.1	20 NW	18 NW
7/23	6	222.0	38	944	29.622	699.516	543.	.00	10.0	14.0	28.9	10 NE	7 NW
7/24	5	156.0	5	949	4.100	703.616	552.	.00	9.8	13.4	28.8	5 W	0
7/25	6	235.0	148	1097	104.600	808.216	545.	.00	10.2	13.0	28.6	0	13 NW
7/26	5	188.5	58	1155	39.800	848.016	561.	.00	9.8	12.8	28.8	7 NW	8 W
7/27	6	218.0	12	1167	9.200	857.216	561.	.00	10.2	14.8	28.6	5 SE	10 NW
7/28	5	184.0	23	1190	17.822	875.038	0.	.00	9.6	14.0	29.0	0	0
7/29	6	255.0	141	1331	79.902	954.940	541.	.00	11.0	19.0	28.4	0	10 S
7/30	5	190.5	70	1401	56.511	1011.451	535.	.00	10.8	12.0	28.0	18 S	18 S

Table 2. Upper Cook Inlet sockeye salmon escapement by river and date, 1994.

Date	KENAI RIVER daily cumulative		KASLOF RIVER daily cumulative		CRESCENT RIVER daily cumulative		YENTNA RIVER daily cumulative		FISH CREEK daily cumulative		PACKERS CREEK daily cumulative	
5-27 Fri											0	0
5-28 Sat											0	0
5-29 Sun											3	3
6-30 Mon											1	4
5-31 Tue											1	5
6-01 Wed											0	5
6-02 Thu											2	7
6-03 Fri											0	7
6-04 Sat											8	15
6-05 Sun											8	23
6-06 Mon											5	28
6-07 Tue											0	28
6-08 Wed											0	28
6-09 Thu											0	28
6-10 Fri											1	29
6-11 Sat											0	29
6-12 Sun			96	96							0	29
6-13 Mon			399	495							54	83
6-14 Tue			426	921							27	110
6-15 Wed			491	1,412							15	125
6-16 Thu			725	2,137							27	152
6-17 Fri			653	2,790							15	167
6-18 Sat			643	3,433							0	167
6-19 Sun			645	4,078							0	167
6-20 Mon			1,023	5,101							0	167
6-21 Tue			929	6,030							0	167
6-22 Wed			933	6,963							90	257
6-23 Thu			1,135	8,098							102	359
6-24 Fri			1,629	9,727							89	448
6-25 Sat			2,092	11,819							143	591
6-26 Sun			2,651	14,470							349	940
6-27 Mon			4,787	19,257							176	1,116
6-28 Tue			7,252	26,509	20	20					168	1,284
6-29 Wed			8,864	35,373	39	59					176	1,460
6-30 Thu			9,668	45,041	185	244					13	1,473
7-01 Fri			6,187	51,228	112	356					89	1,562
7-02 Sat	99	399	1,189	52,417	91	447					70	1,632
7-03 Sun	301	700	5,368	57,785	67	514					8	1,640
7-04 Mon	534	1,234	8,307	66,092	328	842					1	1,641
7-05 Tue	1,091	2,325	2,218	68,310	228	1,070					1	1,642
7-06 Wed	859	3,184	8,536	76,846	261	1,331					175	1,817
7-07 Thu	4,022	7,206	12,767	89,613	507	1,838	271	271			38	1,855
7-08 Fri	3,522	10,728	9,450	99,063	762	2,600	297	568	29	29	58	1,913
7-09 Sat	2,495	13,223	3,747	102,810	191	2,791	434	1,002	39	68	10	1,923
7-10 Sun	2,403	15,626	6,859	109,669	336	3,127	281	1,283	0	68	68	1,991
7-11 Mon	3,003	18,629	2,079	111,748	867	3,994	358	1,641	0	68	24	2,015
7-12 Tue	2,200	20,829	1,517	113,265	1,162	5,156	465	2,106	138	206	112	2,127
7-13 Wed	1,858	22,687	2,648	115,913	1,328	6,484	405	2,511	267	473	178	2,305
7-14 Thu	2,145	24,832	3,956	119,869	1,142	7,626	268	2,779	214	687	192	2,497
7-15 Fri	7,204	32,036	7,901	127,770	742	8,368	240	3,019	244	931	110	2,607
7-16 Sat	30,546	62,582	2,609	130,379	582	8,950	287	3,306	371	1,302	54	2,661
7-17 Sun	10,369	72,951	8,981	139,360	2,234	11,184	392	3,698	382	1,684	70	2,731
7-18 Mon	49,484	122,435	6,520	145,880	815	11,999	3,477	7,175	2,606	4,290	140	2,871
7-19 Tue	41,634	164,069	4,223	150,103	891	12,890	7,516	14,691	3,793	8,083	214	3,085
7-20 Wed	26,201	190,270	3,766	153,869	852	13,742	6,636	21,327	3,028	11,111	319	3,404
7-21 Thu	42,744	233,014	2,620	156,489	212	13,954	10,617	31,944	2,471	13,582	263	3,667
7-22 Fri	37,055	270,069	1,629	158,118	826	14,780	6,110	38,054	4,039	17,621	244	3,911
7-23 Sat	29,363	299,432	1,376	159,494	1,680	16,460	4,567	42,621	7,294	24,915	526	4,437
7-24 Sun	45,222	344,654	2,414	161,908	1,167	17,627	8,263	50,884	5,750	30,665	513	4,950
7-25 Mon	55,772	400,426	1,943	163,851	644	18,271	8,298	59,182	6,328	36,993	146	5,096
7-26 Tue	20,567	420,993	1,424	165,275	676	18,947	7,044	66,226	11,402	48,395	89	5,185
7-27 Wed	8,027	429,020	1,584	166,859	1,227	20,174	5,027	71,253	9,400	57,795	80	5,265
7-28 Thu	4,761	433,781	2,494	169,353	947	21,121	5,471	76,724	0	57,795	189	5,454
7-29 Fri	7,860	441,641	4,089	173,442	932	22,053	8,014	84,738	3,811	61,606	263	5,717
7-30 Sat	9,935	451,576	4,698	178,140	1,184	23,237	6,456	91,194	291	61,897	1,040	6,757

Table 2. Page 2 of 2.

Date	KENAI RIVER daily cumulative		KASILOF RIVER daily cumulative		CRESCENT RIVER daily cumulative		YENTNA RIVER daily cumulative		FISH CREEK daily cumulative		PACKERS CREEK daily cumulative	
7-31 Sun	19,493	471,069	4,925	183,065	1,859	25,096	4,809	96,003	28	61,925	2,166	8,923
8-01 Mon	55,382	526,451	7,188	190,253	1,479	26,575	4,844	100,847	6	61,931	457	9,380
8-02 Tue	95,473	621,924	3,201	193,454	1,170	27,745	5,451	106,298	12,077	74,008	763	10,143
8-03 Wed	53,274	675,198	1,778	195,232	426	28,171	4,091	110,389	7,987	81,995	499	10,642
8-04 Thu	23,549	698,747	1,452	196,684	650	28,821	3,408	113,797	104	82,099	2,374	13,016
8-05 Fri	16,884	715,631	1,419	198,103	774	29,595	3,887	117,684	32	82,131	1,515	14,531
8-06 Sat	14,713	730,344	1,310	199,413	252	29,847	2,950	120,634	504	82,635	1,504	16,035
8-07 Sun	12,394	742,738	937	200,350	183	30,030	2,582	123,216	1,390	84,025	6,252	22,287
8-08 Mon	7,796	750,534	890	201,240	325	30,355	1,477	124,693	150	84,175	1,133	23,420
8-09 Tue	9,241	759,775	1,173	202,413			1,267	125,960	200	84,375	1,172	24,592
8-10 Wed	13,434	773,209	1,411	203,824			1,073	127,033	3,924	88,299	1,046	25,638
8-11 Thu	20,892	794,101	1,293	205,117			484	127,517	3,245	91,544	425	26,063
8-12 Fri	22,260	816,361					515	128,032	2,346	93,890	38	26,101
8-13 Sat	21,054	837,415							591	94,481	126	26,227
8-14 Sun	22,078	859,493							626	95,107	126	26,353
8-15 Mon	17,841	877,334									47	26,400
8-16 Tue	21,482	898,816									52	26,452
8-17 Wed	18,149	916,965									73	26,525
8-18 Thu	11,871	928,836									19	26,544
8-19 Fri	16,437	945,273									28	26,572
8-20 Sat	21,492	966,765									18	26,590
8-21 Sun	13,544	980,309									2	26,592
8-22 Mon	8,094	988,403									2	26,594
8-23 Tue	6,578	994,981									1	26,595
8-24 Wed	8,465	1,003,446									1	26,596
8-25 Thu											1	26,597
8-26 Fri											0	26,597
8-27 Sat											3	26,600
8-28 Sun											3	26,603
8-29 Mon											0	26,603
8-30 Tue											2	26,605
8-31 Wed											0	26,605
9-01 Thu											0	26,605
9-02 Fri											0	26,605
9-03 Sat											51	26,656
9-04 Sun											254	26,910
9-05 Mon											20	26,930
9-06 Tue											14	26,944
9-07 Wed											12	26,956
9-08 Thu											602	27,558
9-09 Fri											229	27,787
9-10 Sat											95	27,882
9-11 Sun											326	28,208
9-12 Mon											189	28,397
9-13 Tue											79	28,476
9-14 Wed											67	28,543
9-15 Thu											53	28,596
9-16 Fri											282	28,878
9-17 Sat											193	29,071
9-18 Sun											240	29,311
9-19 Mon											498	29,809
9-20 Tue											43	29,852
9-21 Wed											69	29,921
9-22 Thu											22	29,943
9-23 Fri											183	30,126
9-24 Sat											128	30,254
9-25 Sun											194	30,448
9-26 Mon											15	30,463
9-27 Tue											325	30,788

Table 3. Commercial chinook salmon catch by area and date, Upper Cook Inlet, 1994.

Date	DRIFT excluding		EAST SIDE SET NET								NORTHERN DISTRICT SET NET												
	CHINITNA		SALAMATOF		K-BEACH		COHOE/NINILCHIK		TOTAL		WEST SIDE		KUSTATAN		KALGIN		CHINITNA		WEST SIDE		EAST SIDE		
	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	
6-01													105	105									
6-03													79	184									
6-06													77	261					1,478	1,478	202	202	
6-08													66	327								202	
6-10													36	363								202	
6-13													22	385					1,148	2,626	178	380	
6-15													29	414								380	
6-17												36	36	20	434							380	
6-20												30	66		434							380	
6-24												12	78	1	435							380	
6-27	30	30										17	95	6	441	11	11			46	2,672	6	386
7-01	48	78	61	61	202	202	335	335	598	598	30	125	2	443	10	21			26	2,698	5	391	
7-04	20	98	146	207	258	460	380	715	784	1,382	39	164	2	445	6	27			9	2,707	2	393	
7-08	92	190	59	266	369	829	575	1,290	1,003	2,385	20	184	2	447	10	37			7	2,714	2	395	
7-10	29	219		266	173	1,002	235	1,525	408	2,793		184		447		37						395	
7-11	25	244	112	378	224	1,226	235	1,760	571	3,364	16	200		447	7	44	4	4	12	2,726	1	396	
7-15	34	278	177	555	353	1,579	405	2,165	935	4,299		200		447	9	53	4	4	15	2,741	3	399	
7-16		278		555	98	1,677	405	2,570	503	4,802		200		447		53						399	
7-17		278		555	75	1,752	317	2,887	392	5,194		200		447		53						399	
7-18	18	296	193	748	237	1,989	383	3,270	813	6,007		200		447	8	61						401	
7-19		296		748	74	2,063	376	3,646	450	6,457		200		447		61						401	
7-20		296		748	89	2,152	360	4,006	449	6,906		200		447		61						401	
7-21		296		748	72	2,224	319	4,325	391	7,297		200		447		61						401	
7-22		296		748	85	2,309	296	4,621	381	7,678		200		447	1	62						401	
7-23		296		748	46	2,355	237	4,858	283	7,961		200		447		62						401	
7-24	23	319	179	927	137	2,492	176	5,034	492	8,453		200		447		62						401	
7-25	26	345	421	1,348	331	2,823	455	5,489	1,207	9,660		200	1	448	3	65			3	2,744		401	
7-26	26	371	410	1,758	286	3,109	433	5,922	1,129	10,789		200		448		65						401	
7-27	36	407	303	2,061	286	3,395	371	6,293	960	11,749		200		448		65						401	
7-28	19	426	267	2,328	197	3,592	398	6,691	862	12,611		200		448		65						401	
7-29	10	436	188	2,516	212	3,804	398	7,089	798	13,409		200		448	1	66	1	5	6	2,750	1	402	
8-01	2	438	80	2,596	98	3,902	111	7,200	289	13,698		200		448		66			5	3	2,753	1	403
8-02	7	445	104	2,700	165	4,067	168	7,368	437	14,135		200		448		66						403	
8-03	2	447	88	2,788	122	4,189	113	7,481	323	14,458		200		448		66			4	2,757		403	
8-04	3	450	58	2,846	159	4,348	105	7,586	322	14,780		200		448		66						403	
8-05	3	453	137	2,983	110	4,458	82	7,668	329	15,109		200	1	449	1	67			5	20	2,777	1	404
8-06		453	60	3,043	84	4,542	76	7,744	220	15,329		200		449	4	71						404	
8-07	2	455	55	3,098	65	4,607	45	7,789	165	15,494		200		449		71						404	
8-08	3	458	46	3,144	68	4,675	69	7,858	183	15,677	1	201		449		71						404	
8-10		458		3,144		4,675		7,858		15,677		201		449		71						404	
8-12		458	57	3,201	49	4,724	34	7,892	140	15,817		201		449	1	72	1	6	1		2,778	2	406
8-15	1	459	30	3,231	24	4,748	14	7,906	68	15,885	2	203		449		72			6	1	2,779		406
8-17		459		3,231		4,748		7,906		15,885		203		449		72						406	
8-19		459		3,231		4,748		7,906		15,885		203		449		72						406	
8-22		459		3,231		4,748		7,906		15,885		203		449		72						406	
8-24		459		3,231		4,748		7,906		15,885		203		449		72						406	
8-26		459		3,231		4,748		7,906		15,885		203		449		72						406	
8-29	1	460		3,231		4,748		7,906		15,885		203		449		72						406	

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Table 4. Commercial sockeye salmon catch by area and date, Upper Cook Inlet, 1994.

Date	DRIFT excluding CHINITNA		EAST SIDE SET NET							WEST SIDE		KUSTATAN		KALGIN		CHINITNA		NORTHERN DISTRICT SET NET					
	Daily	Cum	SALAMATOF Daily	Cum	K-BEACH Daily	Cum	COHOE/NINILCHIK Daily	Cum	TOTAL Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	WEST SIDE Daily	Cum	EAST SIDE Daily	Cum	
6-01													368	368									
6-03													472	840									
6-06													405	1,245					79	79	158	158	
6-08													265	1,510							79	158	
6-10													640	2,150							79	158	
6-13													512	2,662					56	135	423	581	
6-15													236	2,898							135	581	
6-17											153	153	176	3,074							135	581	
6-20											54	207		3,074							135	581	
6-24											189	396	50	3,124							135	581	
6-27	5,387	5,387									270	666	115	3,239	934	934	38	38	30	165	210	791	
7-01	30,150	35,537	1,547	1,547	5,442	5,442	11,992	11,992	18,981	18,981	432	1,098	230	3,469	1,199	2,133	40	78	2,814	2,979	328	1,119	
7-04	42,139	77,676	2,252	3,799	3,966	9,408	17,746	29,738	23,964	42,945	481	1,579	38	3,507	719	2,852	97	175	258	3,237	728	1,847	
7-08	125,178	202,854	2,474	6,273	7,852	17,260	22,708	52,446	33,034	75,979	540	2,119	52	3,559	1,004	3,856	189	364	869	4,106	1,913	3,760	
7-10	1,284	204,138		6,273	6,202	23,462	11,072	63,518	17,274	93,253		2,119		3,559		3,856		364		4,106		3,760	
7-11	2,288	206,426	3,642	9,915	2,265	25,727	9,166	72,684	15,073	108,326	879	2,998	122	3,681	875	4,731	208	572	1,490	5,596	1,564	5,324	
7-15	368,056	574,482	27,013	36,928	66,039	91,766	55,300	127,984	148,352	256,678	338	3,336	210	3,891	955	5,686	158	730	4,215	9,811	1,442	6,766	
7-16		574,482		36,928	7,135	98,901	28,259	156,243	35,394	292,072		3,336		3,891		5,686		730		9,811		6,766	
7-17		574,482		36,928	20,222	119,123	32,354	188,597	52,576	344,648		3,336		3,891		5,686		730		9,811		6,766	
7-18	258,184	832,666	45,335	82,263	83,007	202,130	78,347	266,944	206,689	551,337	535	3,871	395	4,286	2,213	7,899	77	807	14,904	24,715	5,404	12,170	
7-19		832,666		82,263	16,325	218,455	33,248	300,192	49,573	600,910		3,871		4,286		7,899		807		24,715		12,170	
7-20		832,666		82,263	16,422	234,877	18,004	318,196	34,426	635,336		3,871		4,286		7,899		807		24,715		12,170	
7-21		832,666		82,263	12,617	247,494	19,039	337,235	31,656	666,992		3,871		4,286		7,899		807		24,715		12,170	
7-22		832,666		82,263	18,084	265,578	36,184	373,419	54,268	721,260	599	4,470	219	4,505	2,737	10,636	21	828		24,715		12,170	
7-23		832,666		82,263	38,549	304,127	50,931	424,350	89,480	810,740		4,470		4,505		10,636		828		24,715		12,170	
7-24	54,396	887,062	40,140	122,403	18,652	322,779	22,963	447,313	81,755	892,495		4,470		4,505		10,636		828		24,715		12,170	
7-25	297,012	1,184,074	23,485	145,888	14,009	336,788	31,705	479,018	69,199	961,694	675	5,145	622	5,127	1,944	12,580	21	849	10,076	34,791	5,035	17,205	
7-26	19,799	1,203,873	17,013	162,901	5,484	342,272	16,033	495,051	38,530	1,000,224		5,145		5,127		12,580		849	7,528	42,319		17,205	
7-27	276,053	1,479,926	9,649	172,550	7,751	350,023	18,125	513,176	35,525	1,035,749		5,145		5,127		12,580		849		42,319		17,205	
7-28	43,975	1,523,901	12,951	185,501	12,923	362,946	36,524	549,700	62,398	1,098,147		5,145		5,127		12,580		849		42,319		17,205	
7-29	164,955	1,688,856	14,532	200,033	17,785	380,731	21,219	570,919	53,536	1,151,683	578	5,723	371	5,498	2,143	14,723	75	924	6,876	49,195	839	18,044	
8-01	94,028	1,782,884	25,886	225,919	38,076	418,807	25,902	596,821	89,864	1,241,547	1,814	7,537	1,104	6,602	4,329	19,052	38	962	19,680	68,875	5,589	23,633	
8-02	16,324	1,799,208	14,533	240,452	14,831	433,638	31,144	627,965	60,508	1,302,055		7,537		6,602		19,052		962		68,875		23,633	
8-03	19,634	1,818,842	13,103	253,555	12,602	446,240	12,699	640,664	38,404	1,340,459		7,537		6,602		19,052		962	7,789	76,664	871	24,504	
8-04	14,755	1,833,597	15,666	269,221	15,473	461,713	11,285	651,949	42,424	1,382,883		7,537		6,602		19,052		962		76,664		24,504	
8-05	25,297	1,858,894	15,941	285,162	11,684	473,397	8,671	660,620	36,296	1,419,179	1,448	8,985	365	6,967	7,545	26,597	5	967	8,191	84,855	1,001	25,505	
8-06	683	1,859,577	6,724	291,886	5,413	478,810	4,482	665,102	16,619	1,435,798		8,985		6,967	3,940	30,537		967		84,855		25,505	
8-07	205	1,859,782	5,405	297,291	3,913	482,723	3,320	668,422	12,638	1,448,436		8,985		6,967		30,537		967		84,855		25,505	
8-08	11,394	1,871,176	5,554	302,845	3,344	486,067	3,449	671,871	12,347	1,460,783	635	9,620	132	7,099	2,390	32,927	12	979	2,073	86,928	393	25,898	
8-10		1,871,176		302,845		486,067		671,871		1,460,783		9,620		7,099	3,650	36,577		979		86,928		25,898	
8-12	4,327	1,875,503	6,289	309,134	4,419	490,486	3,968	675,839	14,676	1,475,459	1,247	10,867	199	7,298	3,705	40,282	6	985	2,301	89,229	1,225	27,123	
8-15	2,707	1,878,210	3,146	312,280	2,431	492,917	1,921	677,760	7,498	1,482,957	774	11,641	239	7,537	5,324	45,606	11	996	1,218	90,447	647	27,770	
8-17		1,878,210		312,280		492,917		677,760		1,482,957		11,641		7,537	5,704	51,310		996		90,447		27,770	
8-19	139	1,878,349		312,280		492,917		677,760		1,482,957	178	11,819	23	7,560	2,129	53,439		996	251	90,698	409	28,179	
8-22	33	1,878,382		312,280		492,917		677,760		1,482,957	306	12,125	6	7,566	3,361	56,800		996	56	90,754	577	28,756	
8-24	1	1,878,383		312,280		492,917		677,760		1,482,957	315	12,440		7,566	2,403	59,203		996		90,754		28,756	
8-26	8	1,878,391		312,280		492,917		677,760		1,482,957	58	12,498	10	7,576	2,941	62,144	3	999	35	90,789	252	29,008	
8-29	22	1,878,413		312,280		492,917		677,760		1,482,957	48	12,546		7,576		62,144	24	1,023	16	90,805	94	29,102	
8-31		1,878,413		312,280		492,917		677,760		1,482,957	3	12,549		7,576	1,065	63,209		1,023		90,805		29,102	
9-02	7	1,878,420		312,280		492,917		677,760		1,482,957	18	12,567		7,576	699	63,908	6	1,029	3	90,808	104	29,206	
9-05	6	1,878,426		312,280		492,917		677,760		1,482,957	114	12,681		7,576		63,908	25	1,054		90,808	31	29,237	
9-07		1,878,426		312,280		492,917		677,760		1,482,957	97	12,778		7,576	25	63,933		1,054		90,808		29,237	
9-09	12	1,878,438		312,280		492,917		677,760		1,482,957	179	12,957		7,576		63,933		1,054		90,808	40	29,277	
9-12		1,878,438		312,280		492,917		677,760		1,482,957	167	13,124		7,576	83	64,016		1,054		90,808	46	29,323	
9-14		1,878,438		312,280		492,917		677,760		1,482,957		13,124		7,576	85	64,101		1,054		90,808		29,323	
9-19		1,878,438		312,280		492,917		677,760		1,482,957		13,124		7,576		64,101		1,054		90,808	4	29,327	
9-30		1,878,438		312,280		492,917		677,760		1,482,957		13,124		7,576		64,101		1,054		90,808	7	29,334	

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Table 5. Commercial coho salmon catch by area and date, Upper Cook Inlet, 1994.

Date	DRIFT excluding CHINITNA		EAST SIDE SET NET								WEST SIDE		KUSTATAN		KALGIN		CHINITNA		NORTHERN DISTRICT SET NET				
	Daily	Cum	SALAMATOF Daily	Cum	K-BEACH Daily	Cum	COHOE/NINILCHIK Daily	Cum	TOTAL Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	WEST SIDE Daily	Cum	EAST SIDE Daily	Cum	
6-01																							
6-03																							
6-06														40	40								
6-08														56	96								
6-10															96								
6-13															96								
6-15															96								
6-17												1	1										
6-20															96								
6-24															96								
6-27	56	56													96								
7-01	1,572	1,628	6	6	5	5	9	9	20	20	3	4	401	497	5	5			5	5	1	1	
7-04	2,913	4,541	65	71	4	9	48	57	117	137	20	24	37	534	571	623		2,040	2,045	8	9		
7-08	12,499	17,040	70	141	19	28	26	83	115	252	64	125	41	575	676	1,299	4	9	541	2,793	79	127	
7-10	38	17,078		141	33	61	63	146	96	348		125		575		1,299	9			2,793		127	
7-11	195	17,273	247	388	14	75	19	165	280	628	316	441	154	729	806	2,105	22	31	1,769	4,562	231	358	
7-15	38,424	55,697	1,716	2,104	181	256	258	423	2,155	2,783	162	603	403	1,132	1,960	4,065	128	159	11,163	15,725	623	981	
7-16		55,697		2,104	58	314	198	621	256	3,039		603		1,132		4,065	159			15,725		981	
7-17		55,697		2,104	166	480	110	731	276	3,315		603		1,132		4,065	159			15,725		981	
7-18	44,368	100,065	2,099	4,203	381	861	283	1,014	2,763	6,078	505	1,108	715	1,847	1,908	5,973	96	255	23,409	39,134	1,352	2,333	
7-19		100,065		4,203	171	1,032	381	1,395	552	6,630		1,108		1,847		5,973	255			39,134		2,333	
7-20		100,065		4,203	171	1,203	496	1,891	667	7,297		1,108		1,847		5,973	255			39,134		2,333	
7-21		100,065		4,203	385	1,588	682	2,573	1,067	8,364		1,108		1,847		5,973	255			39,134		2,333	
7-22		100,065		4,203	686	2,274	900	3,473	1,586	9,950	156	1,264	1,400	3,247	2,238	8,211	66	321		39,134		2,333	
7-23		100,065		4,203	667	2,941	712	4,185	1,379	11,329		1,264		3,247		8,211	321			39,134		2,333	
7-24	2,353	102,418	1,397	5,600	747	3,688	695	4,880	2,839	14,168		1,264		3,247		8,211	321			39,134		2,333	
7-25	53,725	156,143	1,854	7,454	587	4,275	799	5,679	3,240	17,408	274	1,538	920	4,167	2,745	10,956	134	455	9,534	48,668	2,383	4,716	
7-26	2,196	158,339	1,113	8,567	431	4,706	725	6,404	2,269	19,677		1,538		4,167		10,956	455		809	49,477		4,716	
7-27	53,941	212,280	1,196	9,763	756	5,462	1,025	7,429	2,977	22,654		1,538		4,167		10,956	455			49,477		4,716	
7-28	2,897	215,177	1,247	11,010	539	6,001	1,319	8,748	3,105	25,759		1,538		4,167		10,956	455			49,477		4,716	
7-29	31,919	247,096	1,058	12,068	405	6,406	1,008	9,756	2,471	28,230	310	1,848	1,545	5,712	2,259	13,215	261	716	13,252	62,729	784	5,500	
8-01	15,385	262,481	1,656	13,724	558	6,964	1,177	10,933	3,391	31,621	300	2,148	984	6,696	1,412	14,627	443	1,159	17,341	80,070	3,103	8,603	
8-02	1,073	263,554	1,327	15,051	701	7,665	1,846	12,779	3,874	35,495		2,148		6,696		14,627	1,159			80,070		8,603	
8-03	1,566	265,120	1,877	16,928	664	8,329	1,432	14,211	3,973	39,468		2,148		6,696		14,627	1,159		8,226	88,296	1,242	9,845	
8-04	2,169	267,289	1,026	17,954	814	9,143	1,315	15,526	3,155	42,623		2,148		6,696		14,627	1,159			88,296		9,845	
8-05	9,011	276,300	1,611	19,565	928	10,071	1,624	17,150	4,163	46,786	2,383	4,531	1,019	7,715	1,554	16,181	157	1,316	9,470	97,766	1,119	10,964	
8-06	369	276,669	1,080	20,645	899	10,970	1,651	18,801	3,630	50,416		4,531		7,715	557	16,738		1,316		97,766		10,964	
8-07	51	276,720	1,132	21,777	656	11,626	1,206	20,007	2,994	53,410		4,531		7,715		16,738		1,316		97,766		10,964	
8-08	9,819	286,539	997	22,774	476	12,102	1,605	21,612	3,078	56,488	1,939	6,470	444	8,159	1,009	17,747	594	1,910	3,723	101,489	625	11,589	
8-10		286,539		22,774		12,102		21,612		56,488		6,470		8,159		1,460	19,207		1,910		101,489		11,589
8-12	6,202	292,741	2,397	25,171	1,518	13,620	3,590	25,202	7,505	63,993	2,349	8,819	435	8,594	1,635	20,842	668	2,578	4,644	106,133	2,433	14,022	
8-15	4,889	297,630	1,957	27,128	1,357	14,977	1,974	27,176	5,288	69,281	1,920	10,739	433	9,027	1,813	22,655	290	2,868	3,753	109,886	2,914	16,936	
8-17		297,630		27,128		14,977		27,176		69,281		10,739		9,027		23,894		2,868		109,886		16,936	
8-19	2,577	300,207		27,128		14,977		27,176		69,281	2,627	13,366	219	9,246	574	24,468		2,868	2,642	112,528	5,300	22,236	
8-22	1,312	301,519		27,128		14,977		27,176		69,281	1,782	15,148	71	9,317	634	25,102		2,868	974	113,502	2,015	24,251	
8-24	49	301,568		27,128		14,977		27,176		69,281	565	15,713		9,317	282	25,384		2,868		113,502		24,251	
8-26	436	302,004		27,128		14,977		27,176		69,281	342	16,055	125	9,442	632	26,016	1,046	3,914	418	113,920	2,107	26,358	
8-29	511	302,515		27,128		14,977		27,176		69,281	1,059	17,114		9,442		26,016	2,096	6,010	627	114,547	1,359	27,717	
8-31	1	302,516		27,128		14,977		27,176		69,281	882	17,996		9,442	251	26,267		6,010		114,547		27,717	
9-02	1,023	303,539		27,128		14,977		27,176		69,281	666	18,662		9,442	424	26,691	666	6,676	212	114,759	986	28,703	
9-05	190	303,729		27,128		14,977		27,176		69,281	514	19,176		9,442	26,691	39	6,715			114,759	217	28,920	
9-07		303,729		27,128		14,977		27,176		69,281	381	19,557		9,442	1	26,692		6,715		114,759		28,920	
9-09	206	303,935		27,128		14,977		27,176		69,281	322	19,879		9,442		26,692		6,715		114,759	156	29,076	
9-12		303,935		27,128		14,977		27,176		69,281	274	20,153		9,442	154	26,846		6,715		114,759	107	29,183	
9-14		303,935		27,128		14,977		27,176		69,281		20,153		9,442	131	26,977		6,715		114,759		29,183	
9-19		303,935		27,128		14,977		27,176		69,281		20,153		9,442		26,977		6,715		114,759	16	29,199	
9-30		303,935		27,128		14,977		27,176		69,281		20,153		9,442		26,977		6,715		114,759	106	29,305	

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Table 6. Commercial pink salmon catch by area and date, Upper Cook Inlet, 1994.

Date	DRIFT excluding CHINITNA		EAST SIDE SET NET								WEST SIDE		KUSTATAN		KALGIN		CHINITNA		NORTHERN DISTRICT SET NET							
	Daily	Cum	SALAMATOF		K-BEACH		COHOE/NINILCHIK		TOTAL		Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum		
			Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum															Daily	Cum
6-01																										
6-03																										
6-06																										
6-08																										
6-10																										
6-13																										
6-15																										
6-17												5	5													
6-20													5	5												
6-24												5	10	1	1											
6-27	16	16									2	12		1	3	3	2	2								
7-01	136	152	2	2	11	11	27	27	40	40	34	46	139	140	11	14	7	9	2,059	2,060	1	1	1	1	5	6
7-04	212	364	23	25	6	17	23	50	52	92	9	55	1	141	12	26	2	11	2	2,062				6	12	
7-08	2,705	3,069	30	55	25	42	122	172	177	269	21	76	3	144	20	46	8	19	18	2,080				17	29	
7-10	50	3,119		55	49	91	191	363	240	509		76		144		46		19		2,080					29	
7-11	100	3,219	177	232	39	130	118	481	334	843	16	92	11	155	64	110	1	20	223	2,303			29	58		
7-15	37,318	40,537	697	929	106	236	469	950	1,272	2,115		92	22	177	84	194	17	37	3,179	5,482			378	436		
7-16		40,537		929	45	281	506	1,456	551	2,666		92		177		194		37		5,482					436	
7-17		40,537		929	77	358	506	1,962	583	3,249		92		177		194		37		5,482					436	
7-18	46,604	87,141	1,383	2,312	166	524	812	2,774	2,361	5,610	2	94	87	264	164	358	8	45	4,796	10,278			518	954		
7-19		87,141		2,312	203	727	1,759	4,533	1,962	7,572		94		264		358		45		10,278					954	
7-20		87,141		2,312	145	872	1,060	5,593	1,205	8,777		94		264		358		45		10,278					954	
7-21		87,141		2,312	128	1,000	1,417	7,010	1,545	10,322		94		264		358		45		10,278					954	
7-22		87,141		2,312	356	1,356	2,464	9,474	2,820	13,142	1	95	52	316	148	506	2	47		10,278					954	
7-23		87,141		2,312	535	1,891	1,807	11,281	2,342	15,484		95		316		506		47		10,278					954	
7-24	3,202	90,343	1,859	4,171	856	2,747	1,120	12,401	3,835	19,319		95		316		506		47		10,278					954	
7-25	27,447	117,790	1,945	6,116	851	3,598	1,713	14,114	4,509	23,828	14	109	106	422	300	806	5	52	4,548	14,826		1,018			1,972	
7-26	1,910	119,700	1,428	7,544	583	4,181	1,550	15,664	3,561	27,389		109		422		806		52	141	14,967					1,972	
7-27	25,849	145,549	1,452	8,996	1,277	5,458	1,973	17,637	4,702	32,091		109		422		806		52		14,967					1,972	
7-28	2,704	148,253	2,249	11,245	1,666	7,124	2,283	19,920	6,198	38,289		109		422		806		52		14,967					1,972	
7-29	19,924	168,177	2,260	13,505	1,357	8,481	2,362	22,282	5,979	44,268	18	127	42	464	131	937	16	68	5,490	20,457			208		2,180	
8-01	18,508	186,685	2,379	15,884	3,727	12,208	4,887	27,169	10,993	55,261	17	144	42	506	165	1,102	6	74	3,464	23,921			507		2,687	
8-02	9,959	196,644	3,640	19,524	5,430	17,638	8,349	35,518	17,419	72,680		144		506		1,102		74		23,921					2,687	
8-03	13,250	209,894	5,893	25,417	10,744	28,382	6,726	42,244	23,363	96,043		144		506		1,102		74	1,038	24,959			118		2,805	
8-04	10,195	220,089	7,362	32,779	13,155	41,537	4,924	47,168	25,441	121,484		144		506		1,102		74		24,959					2,805	
8-05	18,828	238,917	9,990	42,769	9,848	51,385	6,459	53,627	26,297	147,781	47	191	34	540	160	1,262	2	76	485	25,444			171		2,976	
8-06	929	239,846	7,436	50,205	9,891	61,276	7,032	60,659	24,359	172,140		191		540	161	1,423		76		25,444					2,976	
8-07	218	240,064	6,341	56,546	6,450	67,726	8,275	68,934	21,066	193,206		191		540		1,423		76		25,444					2,976	
8-08	7,654	247,718	6,227	62,773	5,898	73,624	10,541	79,475	22,666	215,872	35	226	10	550	144	1,567	7	83	62	25,506			95		3,071	
8-10		247,718		62,773		73,624		79,475		215,872		226		550	139	1,706		83		25,506					3,071	
8-12	2,742	250,460	6,403	69,176	3,260	76,884	5,790	85,265	15,453	231,325	64	290	17	567	168	1,874	5	88	41	25,547			106		3,177	
8-15	1,066	251,526	2,695	71,871	1,410	78,294	1,152	86,417	5,257	236,582	15	305	16	583	84	1,958	9	97	76	25,623			171		3,348	
8-17		251,526		71,871		78,294		86,417		236,582		305		583	40	1,998		97		25,623					3,348	
8-19	35	251,561		71,871		78,294		86,417		236,582	14	319	8	591	33	2,031		97	41	25,664			68		3,416	
8-22	9	251,570		71,871		78,294		86,417		236,582	1	320	2	593	13	2,044		97	6	25,670			73		3,489	
8-24		251,570		71,871		78,294		86,417		236,582	10	330		593	8	2,052		97		25,670					3,489	
8-26		251,570		71,871		78,294		86,417		236,582	4	334	2	595		2,052	1	98	1	25,671			13		3,502	
8-29	10	251,580		71,871		78,294		86,417		236,582	4	338		595		2,052	11	109	1	25,672			3		3,505	
8-31		251,580		71,871		78,294		86,417		236,582	3	341		595	1	2,053		109		25,672					3,505	
9-02	12	251,592		71,871		78,294		86,417		236,582	11	352		595		2,053	1	110		25,672			4		3,509	
9-05	4	251,596		71,871		78,294		86,417		236,582	3	355		595		2,053		110		25,672					3,509	
9-07		251,596		71,871		78,294		86,417		236,582	4	359		595	1	2,054		110		25,672					3,509	
9-09	1	251,597		71,871		78,294		86,417		236,582	2	361		595		2,054		110		25,672					3,509	
9-12		251,597		71,871		78,294		86,417		236,582	1	362		595		2,054		110		25,672					3,509	

Table 7. Commercial chum salmon catch by area and date, Upper Cook Inlet, 1994.

Date	DRIFT excluding CHINITNA		EAST SIDE SET NET								WEST SIDE		KUSTATAN		KALGIN		CHINITNA		NORTHERN DISTRICT SET NET				
	Daily	Cum	SALAMATOF Daily	Cum	K-BEACH Daily	Cum	COHOE/NINILCHIK Daily	Cum	TOTAL Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	Daily	Cum	WEST SIDE Daily	Cum	EAST SIDE Daily	Cum	
6-01																							
6-03																							
6-06																							
6-08																							
6-10																							
6-13																							
6-15																							
6-17																							
6-20																							
6-24												1	1										
6-27	732	732									1	2					2	2	1	1	7	7	
7-01	7,312	8,044	2	2				2	2		3	5	43	43	28	30	6	7	1,074	1,081	3	3	
7-04	10,372	18,416	6	8	2	2	6	6	14	16	7	12	43	11	41	21	28	78	1,159	58	61		
7-08	44,261	62,677	13	21	3	5	4	10	20	36	55	67	43	6	47	117	145	77	1,236	85	146		
7-10	62	62,739		21		5	6	16	6	42		67	43		47		145		1,236		146		
7-11	701	63,440	19	40		5	5	21	24	66	59	126	43	8	55	84	229	285	1,521	18	164		
7-15	25,529	88,969	36	76		8	9	30	48	114	3	129	43	19	74	306	535	6,565	8,086	561	725		
7-16		88,969		76	1	9	45	75	46	160		129	43		74		535		8,086		725		
7-17		88,969		76		9	4	79	4	164		129	43		74		535		8,086		725		
7-18	19,640	108,609	33	109	4	13	15	94	52	216	2	131	1	44	29	103	133	668	2,829	10,915	95	820	
7-19		108,609		109	3	16	19	113	22	238		131	44		103		668		10,915		820		
7-20		108,609		109	1	17	8	121	9	247		131	44		103		668		10,915		820		
7-21		108,609		109		17	67	188	67	314		131	44		103		668		10,915		820		
7-22		108,609		109	5	22	66	254	71	385	1	132	3	47	53	156	56	724		10,915		820	
7-23		108,609		109	19	41	19	273	38	423		132	47		156		724		10,915		820		
7-24	1,587	110,196	68	177	35	76	97	370	200	623		132	47		156		724		10,915		820		
7-25	30,451	140,647	134	311	16	92	40	410	190	813	19	151	3	50	20	176	491	1,215	3,346	14,261	214	1,034	
7-26	1,219	141,866	69	380	18	110	118	528	205	1,018		151	50		176		1,215	357	14,618		1,034		
7-27	30,827	172,693	47	427	14	124	38	566	99	1,117		151	50		176		1,215		14,618		1,034		
7-28	1,337	174,030	40	467	4	128	13	579	57	1,174		151	50		176		1,215		14,618		1,034		
7-29	27,392	201,422	52	519	14	142	16	595	82	1,256	14	165	4	54	96	272	1,341	2,556	3,809	18,427	82	1,116	
8-01	14,584	216,006	99	618	75	217	22	617	196	1,452	34	199	10	64	27	299	821	3,377	3,503	21,930	722	1,838	
8-02	751	216,757	113	731	8	225	101	718	222	1,674		199	64		299		3,377		21,930		1,838		
8-03	964	217,721	355	1,086	17	242	48	766	420	2,094		199	64		299		3,377	2,509	24,439	614	2,452		
8-04	853	218,574	48	1,134	14	256	23	789	85	2,179		199	64		299		3,377		24,439		2,452		
8-05	11,235	229,809	231	1,365		256	25	814	256	2,435	1,121	1,320	21	85	84	383	312	3,689	6,635	31,074	683	3,135	
8-06	74	229,883	56	1,421	9	265	16	830	81	2,516		1,320	85	35	418		3,689		31,074		3,135		
8-07	28	229,911	36	1,457	1	266	14	844	51	2,567		1,320	85		418		3,689		31,074		3,135		
8-08	8,016	237,927	164	1,621	5	271	17	861	186	2,753	364	1,684	15	100	49	467	1,099	4,788	1,407	32,481	87	3,222	
8-10		237,927		1,621		271		861		2,753		1,684	100	58	525		4,788		32,481		3,222		
8-12	4,892	242,819	94	1,715	15	286	46	907	155	2,908	422	2,106	13	113	122	647	1,089	5,877	2,107	34,588	48	3,270	
8-15	2,154	244,973	27	1,742	1	287	8	915	36	2,944	376	2,482	36	149	83	730	298	6,175	1,504	36,092	69	3,339	
8-17		244,973		1,742		287		915		2,944		2,482	149	23	753		6,175		36,092		3,339		
8-19	406	245,379		1,742		287		915		2,944	228	2,710	65	214	34	787		6,175	362	36,454	21	3,360	
8-22	69	245,448		1,742		287		915		2,944	40	2,750	214	21	808		6,175	111	36,565	18	3,378		
8-24	2	245,450		1,742		287		915		2,944	20	2,770	214	14	822		6,175		36,565		3,378		
8-26	52	245,502		1,742		287		915		2,944	51	2,821	1	215	9	831	109	6,284	54	36,619	19	3,397	
8-29	9	245,511		1,742		287		915		2,944	55	2,876	215		831	360	6,644	17	36,636	14	3,411		
8-31	1	245,512		1,742		287		915		2,944	15	2,891	215	4	835		6,644		36,636		3,411		
9-02	21	245,533		1,742		287		915		2,944	34	2,925	215	1	836	131	6,775		36,636	6	3,417		
9-05	2	245,535		1,742		287		915		2,944	2	2,927	215		836		6,775		36,636		3,417		
9-07		245,535		1,742		287		915		2,944		2,927	215		836		6,775		36,636		3,417		
9-09	6	245,541		1,742		287		915		2,944	2	2,929	215		836		6,775		36,636	4	3,421		
9-12		245,541		1,742		287		915		2,944	1	2,930	215		836		6,775		36,636	2	3,423		

Table 8. Commercial catch by gear, statistical area and species, Upper Cook Inlet, 1994.

Gear	District	Subdistrict	Stat Area	Permits	Chinook	Sockeye	Coho	Pink	Chum	Total	
Drift	Central	All	All	571	460	1,878,463	306,217	251,602	245,854	2,682,596	
Set Net	Central	Upper	244-21	103	4,649	231,551	14,572	40,816	277	291,865	
			244-22	129	3,257	446,209	12,604	45,601	638	508,309	
			244-30	179	4,748	492,917	14,977	78,294	287	591,223	
			244-40	139	3,231	312,280	27,128	71,871	1,742	416,252	
			All	427	15,885	1,482,957	69,281	236,582	2,944	1,807,649	
		Kalgin Is.	246-10	23	59	38,473	19,190	1,614	562	59,898	
			246-20	7	13	25,628	7,787	440	274	34,142	
			All	30	72	64,101	26,977	2,054	836	94,040	
		Chinitna	245-10	6	6	1,029	4,433	105	6,462	12,035	
		Western	245-20	14	12	1,532	10,251	76	627	12,498	
			245-30	23	173	3,644	4,589	151	1,946	10,503	
			245-40	7	7	1,386	2,161	14	297	3,865	
			245-50	9	11	6,562	3,152	121	60	9,906	
			All	44	203	13,124	20,153	362	2,930	36,772	
		Kustatan	245-55	21	440	4,006	3,409	20	8	7,883	
			245-60	9	9	3,570	6,033	575	207	10,394	
			All	25	449	7,576	9,442	595	215	18,277	
		All	All	All	497	16,615	1,568,787	130,286	239,698	13,387	1,968,773
		Northern	General	247-10	26	248	6,720	13,563	645	1,295	22,471
	247-20			28	349	24,092	31,625	4,301	6,272	66,639	
	247-30			27	1,768	32,317	43,180	17,708	17,095	112,068	
	247-41			17	0	5,048	6,080	750	1,926	13,804	
	247-42			22	262	9,477	9,148	1,056	4,763	24,706	
	247-43			9	152	5,626	10,354	1,071	4,928	22,131	
	247-50			10	0	7,528	809	141	357	8,835	
	All			85	2,779	90,808	114,759	25,672	36,636	270,654	
	Eastern			247-70	23	212	16,402	12,194	1,993	3,106	33,907
247-80				10	163	7,221	9,048	852	249	17,533	
247-90			12	31	5,711	8,063	664	68	14,537		
All			36	406	29,334	29,305	3,509	3,423	65,977		
All	All		All	114	3,185	120,142	144,064	29,181	40,059	336,631	
All	All		All	All	603	19,800	1,688,929	274,350	268,879	53,446	2,305,404
Seine	All		All	All	0	0	0	0	0	0	
All	All		All	All	1,174	20,260	3,567,392	580,567	520,481	299,300	4,988,000

Table 9. Commercial salmon catch per permit by statistical area, Upper Cook Inlet, 1994.

Gear	District	Subdistrict	Stat Area	Permits	Chinook	Sockeye	Coho	Pink	Chum	Total		
Drift	Central	All	All	571	1	3,290	536	441	431	4,698		
Set Net	Central	Upper	244-21	103	45	2,248	141	396	3	2,834		
			244-22	129	25	3,459	98	353	5	3,940		
			244-30	179	27	2,754	84	437	2	3,303		
			244-40	139	23	2,247	195	517	13	2,995		
			All	427	37	3,473	162	554	7	4,233		
		Kalgin Is.	246-10	23	3	1,673	834	70	24	2,604		
			246-20	7	2	3,661	1,112	63	39	4,877		
			All	30	2	2,137	899	68	28	3,135		
		Chinitna	245-10	6	1	172	739	18	1,077	2,006		
		Western	245-20	14	1	109	732	5	45	893		
			245-30	23	8	158	200	7	85	457		
			245-40	7	1	198	309	2	42	552		
			245-50	9	1	729	350	13	7	1,101		
			All	44	5	298	458	8	67	836		
		Kustatan	245-55	21	21	191	162	1	0	375		
			245-60	9	1	397	670	64	23	1,155		
			All	25	18	303	378	24	9	731		
		All	All	All	497	33	3,157	262	482	27	3,961	
		Northern	General	247-10	26	10	258	522	25	50	864	
				247-20	28	12	860	1,129	154	224	2,380	
				247-30	27	65	1,197	1,599	656	633	4,151	
				247-41	17	0	297	358	44	113	812	
				247-42	22	12	431	416	48	217	1,123	
247-43	9			17	625	1,150	119	548	2,459			
247-50	10			0	753	81	14	36	884			
All	85			33	1,068	1,350	302	431	3,184			
Eastern	247-70			23	9	713	530	87	135	1,474		
	247-80			10	16	722	905	85	25	1,753		
	247-90			12	3	476	672	55	6	1,211		
	All			36	11	815	814	97	95	1,833		
All	All			All	114	28	1,054	1,264	256	351	2,953	
All	All			All	All	603	33	2,801	455	446	89	3,823
Seine	All			All	All	0	0	0	0	0	0	
All	All	All	All	1,174	17	3,039	495	443	255	4,249		

Table 10. Commercial fishery emergency orders issued during the 1994 Upper Cook Inlet season.

Emergency Order No.	Effective Date	Action	Reason
2S-01-94	June 15	Closed set netting in the Northern District on Monday, June 20.	Poor chinook salmon returns to many streams.
2S-02-94	July 10	Opened set and drift gill netting in the Upper Subdistrict south of the Blanchard Line and within 3 miles of shore on 7/10 from 7:00 am to 9:00 pm.	To reduce the rate of escapement into the Kasilof River.
2S-03-94	July 11	Closed drift gillnetting in all areas of the Central District except that portion of the Upper Subdistrict south of Colliers Dock and within 3 miles of shore on 7/11.	Reduce the harvest rate of Susitna River sockeye in anticipation of a weak return.
2S-04-94	July 15	Closed the Western Subdistrict south of Redoubt Point to all gear until further notice.	Lagging escapement of Crescent River sockeye.
2S-05-94	July 15	Opened set gillnetting in the Upper Subdistrict south of the Blanchard Line and withi 1/2 mile of shore from 7:00 pm 7/15 to 7:00 pm 7/16.	Reduce the escapement rate of Kasilof River sockeye.
2S-06-94	July 17	Opened set gillnetting in the Upper Subdistrict south of the Blanchard Line and within 1/2 mile of shore from 10:00 am 7/17 until 7:00 am 7/18.	Reduce the escapment rate of Kasilof River sockeye.
2S-07-94	July 18	Closed drifting in all areas except south of the southern tip of Kalgin Island and the 3-mile corridor south of Colliers Dock on Monday, 7/18.	Reduce the harvest rate of Susitna River sockeye salmon.
2S-08-94	July 18	Opened setnetting in the Upper Subdistrict south of the Blanchard Line and within 1/2 mile of shore from 7:00 pm, 7/18 to 9:00 pm, 7/19.	Increase the harvest rate of sockeye salmon bound for the Kasilof River.
2S-09-94	July 19	Opened setnetting in the Upper Subdistrict south of the Blanchard Line and within 1/2 mile of shore from 9:00 pm, 7/19 until 9:00 pm, 7/20.	Increase the harvest rate of sockeye salmon bound for the Kasilof River.
2S-10-94	July 20	Opened set gillnetting in the Upper Subdistrict south of the Blanchard Line and within 1/2 mile of shore from 9:00 pm 7/20 until 7:00 am 7/22.	Increase the harvest rate of sockeye salmon bound for the Kasilof River.
2S-11-94	July 22	Closed drift gillnetting in all areas and set gillnetting in the Northern District and that portion of the Upper Subdistrict north of the Blanchard line or beyond 1/2 mile of shore on Friday, 7/22 from 7:00 am to 7:00 pm.	Reduce the harvest rate of Susitna and Kenai River sockeye salmon.
2S-12-94	July 22	Opened set gillnetting in the Upper Subdistrict south of the Blanchard Line and within 1/2 mile of shore from 7:00 pm 7/22 to 10:00 pm 7/23.	Increase the harvest of Kasilof River sockeye salmon.
2S-13-94	July 24	Opened set gillnetting in the Upper Subdistrict from 3:00 pm 7/24 until 7:00 am 7/25 and drifting in the Upper Subdistrict south of Colliers and within 3 miles of shore on 7/24 from 3:00 pm to 10:00 pm and 7/25 from 5:00 am to 7:00 am.	Reduce the escapement rate of sockeye salmon in the Kasilof and Kenai Rivers.
2S-14-94	July 25	Opened set gillnetting in the Upper Subdistrict from 7:00 pm 7/25 until 10:00 pm 7/26 and drifting in the Upper Subdistrict south of Colliers and within 3 miles of shore on 7/25 from 7:00 pm to 10:00 pm and 7/26 from 5:00 am to 10:00 pm.	Reduce the escapement rate of sockeye salmon in the Kasilof and Kenai Rivers.

Table 10. Page 2 of 3.

Emergency Order No.	Effective Date	Action	Reason
2S-15-94	July 26	Opened set gillnetting in a portion of Knik Arm near Fish Creek as described in the Fish Creek Sockeye Salmon Management Plan on Tuesday, 7/26 from 7:00 am to 7:00 pm.	Fish Creek escapement goal attained.
2S-16-94	July 26	Opened set gillnetting in the Upper Subdistrict from 10:00 pm 7/26 until 10:00 pm 7/27. Opened drifting south of the northernmost tip of Kalgin Island and south of Colliers and within 3 miles of shore on 7/27 from 5:00 am to 10:00 pm.	Increase the exploitation of sockeye salmon bound for the Kenai and Kasilof Rivers.
2S-17-94	July 27	Opened setnetting in the Upper Subdistrict from 10:00 pm 7/27 until 7:00 am 7/29. Opened drifting south of Colliers Dock and within 3 miles of shore from 5:00 am to 10:00 pm on 7/28 and from 5:00 am to 7:00 am on 7/29.	Increase the harvest rate of sockeye salmon returning to the Kenai and Kasilof Rivers.
2S-18-94	August 1	Opened setnetting in the Upper Subdistrict from 7:00 pm 8/1 until 10:00 pm 8/2. Opened drifting south of Colliers Dock and within 3 miles of shore from 7:00 pm to 10:00 pm on 8/1 and from 6:00 am to 10:00 pm on 8/2.	Increase the harvest rate of sockeye salmon returning to the Kenai and Kasilof Rivers.
2S-19-94	August 2	Opened setnetting in the Upper Subdistrict from 10:00 pm 8/2 until 10:00 pm 8/3. Opened drifting in the Upper Subdistrict south of Colliers Dock and within 3 miles of shore on 8/3 from 6:00 am to 10:00 pm. Opened set netting in the Northern District on 8/3 from 6:00 am to 8:00 pm.	Increase the harvest rate of sockeye salmon bound for the Kenai, Kasilof and Susitna Rivers.
2S-20-94	August 3	Opened setnetting in the Upper Subdistrict from 10:00 pm 8/2 until 7:00 am 8/5. Opened drifting south of Colliers Dock, north of the Blanchard Line and within 3 miles of shore on 8/4 from 6:00 am to 10:00 pm and on 8/5 from 6:00 am to 7:00 am.	Increase the harvest rate of sockeye salmon bound for the Kenai and Kasilof Rivers.
2S-21-94	August 5	Reopened setnetting in the Western Subdistrict south of Redoubt Point for regular weekly periods.	Completion of the Crescent River sockeye return.
2S-22-94	August 5	Opened setnetting in the Upper Subdistrict from 7:00 pm 8/5 until 10:00 pm 8/6. Opened drifting south of Colliers Dock and within 3 miles of shore on 8/5 from 7:00 pm to 10:00 pm and 8/6 from 6:00 am to 10:00 pm. Opened set gillnetting in the Kalgin Island Subdistrict from 8:00 am to 8:00 pm on 8/6.	Increase the exploitation of Kenai and Kasilof Rivers and Packers Creek sockeye salmon.
2S-23-94	August 6	Opened set gillnetting in the Upper Subdistrict from 10:00 pm 8/6 until 7:00 am 8/8. Opened drifting south of Colliers Dock and within 3 miles of shore on 8/7 from 6:00 am to 10:00 pm and on 8/8 from 6:00 am to 7:00 am.	Increase the exploitation of sockeye salmon bound for the Kenai and Kasilof Rivers.
2S-24-94	August 10	Opened set gillnetting in the Kalgin Island Subdistrict from 9:00 am to 9:00 pm 8/10.	Increase the exploitation rate of sockeye salmon bound for Packers Creek.
2S-25-94	August 17	Opened set-gillnetting in the Kalgin Island Subdistrict from 7:00 am to 7:00 pm 8/17.	Increase the exploitation rate of sockeye salmon bound for Packers Creek.

Table 10. Page 3 of 3.

Emergency Order No.	Effective Date	Action	Reason
2S-26-94	August 18	Closed the Chinitna Bay Subdistrict to all gear until further notice.	Lagging chum salmon escapement.
2S-27-94	August 24	Opened set netting in the Kalgin Island, Western and Kustatan Subdistricts on 8/24 from 7:00 am to 7:00 pm. Opened drifting in the Western and Kustatan Subdistricts on 8/24 from 7:00 am to 7:00 pm.	Strong returns of local coho salmon and Packers Creek sockeye salmon stocks.
2S-28-94	August 26	Reopened the Chinitna Bay Subdistrict to all gear types for regular Monday and Friday fishing periods.	Completion of local chum salmon runs.
2S-29-94	August 31	Opened set gillnetting in the Kalgin Island, Western and Kustatan Subdistricts and drift gillnetting in the Western and Kustatan Subdistricts each Wednesday from 7:00 am to 7:00 pm for the remainder of the season.	Strong returns of local coho salmon stocks.

Table 11. Commercial salmon fishing periods, Upper Cook Inlet, 1994.

Date	Day	Time	Set Gill Net	Drift Gill Net
June 1	Wed	0700-1900	Big River Area	
June 3	Fri	0700-1900	Big River Area	
June 6	Mon	0700-1300 0700-1900	Northern District Big River Area	
June 8	Wed	0700-1900	Big River Area	
June 10	Fri	0700-1900	Big River Area	
June 13	Mon	0700-1300 0700-1900	Northern District Big River Area	
June 15	Wed	0700-1900	Big River Area	
June 17	Fri	0700-1900	Western, Big River Area	
June 20	Mon	0700-1900	Western, Big River Area	
June 22	Wed	0700-1900	Big River Area	
June 24	Fri	0700-1900	Western, Big River Area	
June 27	Mon	0700-1900	All except Upper	All except within 2 mi of eastern shore
July 01	Fri	0700-1900	All	All
July 04	Mon	0700-1900	All	All
July 08	Fri	0700-1900	All	All
July 10	Sun	0700-2100	Upper south of mid K-Beach	Upper south of mid K-Beach within 3 miles of shore
July 11	Mon	0700-1900	All	Upper south of Colliers Dock within 3 miles of shore
July 15	Fri	0700-1900 1900-2400	All but Western s. of Redoubt Pt. Upper south of mid K-Beach within 1/2 mile of shore	All but Western s. of Redoubt Pt.
July 16	Sat	0000-1900	Upper south of mid K-Beach within 1/2 mile of shore	
July 17	Sun	1000-2400	Upper south of mid K-Beach within 1/2 mile of shore	
July 18	Mon	0000-0700 0700-1900 1900-2400	Upper south of mid K-Beach within 1/2 mile of shore All except Western s. of Redoubt Pt. Upper south of mid K-Beach within 1/2 mile of shore	S. of S. Kalgin Light or S. of Colliers w/i 3 mi (Western closed)
July 19	Tue	0000-2400	Upper south of mid K-Beach within 1/2 mile of shore	
July 20	Wed	0000-2400	Upper south of mid K-Beach within 1/2 mile of shore	
July 21	Thur	0000-2400	Upper south of mid K-Beach within 1/2 mile of shore	

Table 11. Page 2 of 3.

Date	Day	Time	Set Gill Net	Drift Gill Net
July 22	Fri	0000-2400	Upper south of mid K-Beach within 1/2 mile of shore	
		0700-1900	Chinitna, Kalgin, Kustatan, Western north of Redoubt Pt.	
July 23	Sat	0000-2200	Upper south of mid K-Beach within 1/2 mile of shore	
July 24	Sun	1500-2400	Upper Subdistrict	Upper s. of Colliers w/i 3 mi
		1500-2200		
July 25	Mon	0000-2400	Upper Subdistrict	
		0500-0700		Upper s. of Colliers w/i 3 mi
		1900-2200		Upper s. of Colliers w/i 3 mi
		0700-1900	All but Western s. of Redoubt Pt.	All but Western s. of Redoubt Pt.
July 26	Tue	0000-2400	Upper Subdistrict	
		0500-2200		Upper s. of Colliers w/i 3 mi
		0700-1900	Knik Arm	
July 27	Wed	0000-2400	Upper Subdistrict	
		0600-2200		S. of N. tip of Kalgin or Upper s. of Colliers w/i 3 mi
July 28	Thur	0000-2400	Upper Subdistrict	
		0500-2200		Upper s. of Colliers w/i 3 mi
July 29	Fri	0000-1900	Upper Subdistrict	
		0500-0700		Upper s. of Colliers w/i 3 mi
		0700-1900	All but Western s. of Redoubt Pt.	All but Western s. of Redoubt Pt.
Aug 01	Mon	0700-1900	All but Western s. of Redoubt Pt.	All but Western s. of Redoubt Pt.
		1900-2400	Upper Subdistrict	
		1900-2200		Upper s. of Colliers w/i 3 mi
Aug 02	Tue	0000-2400	Upper Subdistrict	
		0600-2200		Upper s. of Colliers w/i 3 mi
Aug 03	Wed	0000-2400	Upper Subdistrict	
		0600-2200		Upper s. of Colliers w/i 3 mi
		0600-2000	Northern District	
Aug 04	Thur	0000-2400	Upper Subdistrict	
		0600-2200		Upper s. of Colliers w/i 3 mi
Aug 05	Fri	0000-2400	Upper Subdistrict	
		0600-0700		Upper s. of Colliers w/i 3 mi
		0700-1900	All	All
		1900-2200		Upper s. of Colliers w/i 3 mi
Aug 06	Sat	0000-2400	Upper Subdistrict	
		0600-2200		Upper s. of Colliers w/i 3 mi
		0800-2000	Kalgin Island	
Aug 07	Sun	0000-2400	Upper Subdistrict	
		0600-2200		Upper s. of Colliers w/i 3 mi
Aug 08	Mon	0000-1900	Upper Subdistrict	
		0600-0700		Upper s. of Colliers w/i 3 mi
		0700-1900	All	All
Aug 10	Wed	0900-2100	Kalgin Island	
Aug 12	Fri	0700-1900	All	All

Table 11. Page 3 of 3.

Date	Day	Time	Set Gill Net	Drift Gill Net
Aug 15	Mon	0700-1900	All	All
Aug 17	Wed	0700-1900	Kalgin Island	
Aug 19	Fri	0700-1900	All except Upper, Chinitna Bay	Western, Kustatan, Lower within 1 mi of shore
Aug 22	Mon	0700-1900	All except Upper, Chinitna Bay	Western, Kustatan, Lower within 1 mi of shore
Aug 24	Wed	0700-1900	Western, Kustatan, Kalgin	Western, Kustatan
Aug 26	Fri	0700-1900	All except Upper	Western, Kustatan, Chinitna, Lower within 1 mi of shore
Aug 29	Mon	0700-1900	All except Upper	Western, Kustatan, Chinitna, Lower within 1 mi of shore
Aug 31	Wed	0700-1900	Western, Kustatan, Kalgin	Western, Kustatan
Sept 2	Fri	0700-1900	All except Upper	Western, Kustatan, Chinitna, Lower within 1 mi of shore

Fishing continued each Monday, Wednesday and Friday as described for 8/29, 8/31 and 9/2 for the remainder of the fishing season.

Table 12. Age composition (in percent) of sockeye salmon escapements, Upper Cook Inlet, 1994.

Stream	Age Class									
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	2.4
Kenai River	0.1	0.3	0.1	6.6	0.8	61.1	17.7	0.7	12.1	0.3
Kasilof River	0.0	0.0	0.0	26.0	0.0	28.3	28.6	0.0	17.2	0.0
Yentna River	1.3	0.6	3.9	23.2	0.0	43.2	9.7	0.2	17.6	0.0
Crescent River	0.0	0.2	0.0	6.6	0.4	49.6	12.2	0.4	30.5	0.2
Fish Creek	0.0	5.1	0.0	51.3	1.4	15.3	21.2	0.0	5.7	0.0
Packers Creek	0.0	0.0	0.0	18.9	2.8	1.8	51.9	0.0	24.6	0.0

Table 13. Upper Cook Inlet salmon average weights¹ (in pounds) by area, 1994.

Fishery		CHINOOK	SOCKEYE	COHO	PINK	CHUM
Upper Cook Inlet Total		31.70	5.69	7.10	3.85	6.94
A. Northern District Total		19.54	5.36	7.12	3.59	6.76
1. Northern District West		19.34	5.42	7.06	3.56	6.77
a. Trading Bay	247-10	17.23	5.53	7.16	3.65	6.43
b. Tyonek	247-20	16.82	5.62	7.01	3.84	6.79
c. Beluga	247-30	20.23	5.68	7.00	3.48	6.84
d. Susitna Flat	247-41		4.53	7.09	3.81	6.52
e. Pt. Mackenzie	247-42	18.44	4.96	7.43	3.56	6.89
f. Fire Island	247-43	19.69	5.53	7.02	3.44	6.59
g. Knik Arm	247-50		4.66	6.57	3.58	6.74
2. Northern District East		20.93	5.19	7.35	3.84	6.65
a. Pt. Possession	247-70	21.64	5.03	7.23	3.83	6.64
b. Birch Hill	247-80	20.12	5.50	7.24	3.94	6.85
c. Number 3 Bay	247-90	20.35	5.26	7.65	3.77	6.28
B. Central District Total		33.97	5.70	7.09	3.87	6.97
1. East Side Set Total		34.68	5.38	7.38	4.09	5.99
a. Salamatof	244-40	39.35	6.02	7.18	4.52	6.31
b. Kalifonsky Beach	244-30	33.72	5.37	7.15	3.74	5.33
c. Cohoe	244-22	33.03	5.28	7.71	4.42	5.56
d. Niniichik	244-21	33.59	4.71	7.73	3.63	5.61
2. West Side Set Total		24.47	4.99	8.20	3.30	6.81
a. Little Jack Slough	245-50	25.09	4.62	7.31	2.72	6.83
b. Polly Creek	245-40	25.00	4.73	7.58	3.93	6.87
c. Tuxedni Bay	245-30	24.66	5.53	8.10	3.50	6.93
d. Silver Salmon	245-20	20.75	5.50	8.64	3.71	6.39
3. Kustatan Total		24.92	5.16	6.89	3.27	6.17
a. Big River	245-55	24.85	4.67	6.51	2.95	7.00
b. West Foreland	245-60	28.22	5.71	7.11	3.28	6.14
4. Kalgin Island Total		31.74	4.62	7.40	3.89	6.10
a. West Side	246-10	32.64	4.48	7.28	3.87	6.09
b. East Side	246-20	27.62	4.84	7.68	3.94	6.12
5. Chinitna Bay Total		21.83	5.46	8.99	3.65	6.38
a. Set	245-10	21.83	5.44	8.67	3.58	6.41
b. Drift	245-10		6.12	9.61	5.00	5.69
6. Central District Set Total		34.28	5.34	7.52	4.09	6.38
7. Central District Drift Total		22.86	6.01	6.91	3.66	7.00

¹Pounds of fish divided by numbers of fish from commercial harvest fish tickets.

Table 14. Buyers and processors of Upper Cook Inlet fishery products, 1994.

Buyer/Processor	Plant Site	Contact	Address
Alaskan Gourmet F0403	Anchorage	Paul Schilling	P.O. 190733 Anchorage, Ak. 99519
Alaska Smoked Salmon F0902	Anchorage	Chris Rosauer	7329 Arctic Blvd. Anchorage, Ak. 99518
Becky's Fish F1669		Becky Wood	P.O. Box 68 Farmington, Ut. 84025
Carlson Seafoods F1232-6	Kasilof	Dorius Carlson	HC2 Box 544 Kasilof Ak. 99610
Coal Point Trading F1757	Homer	Nancy Hillstrand	P.O. 674 Homer, Ak. 99603
Cook Inlet Processing F0186-3	Kenai	Pat Hardina	Box 8163 Nikiski Ak. 99635
Deep Creek Custom Packing F1051-5	Ninilchik	Jeff Berger	P.O. Box 39229 Ninilchik Ak. 99639
Dragnet Fisheries F0030-4	Kenai	Mike Mccune	P.O. Box 1260 Kenai Ak. 99615
Eagle Point Salmon Co. F1390		Tom Rollman	P.O. 770778 Eagle River, Ak. 99577
Fishhawk Fisheries F1540-1	Kenai	Steve Frick	P.O. Box 715 Astoria Or. 97103
Great Pacific Seafoods F1678	Anchorage	Roger Styles	P.O. 81165 Seattle, Wa. 98108
Icicle Seafoods F0133-0	Homer	Dennis Guhike	P.O. Box 79003 Seattle Wa. 98119
Icicle Seafoods F0135-0	Seward	Dennis Guhike	P.O. Box 79003 Seattle Wa. 98119
Inlet Fisheries Inc. F1039-7	Kenai	Patrick Klier	P.O. Box 530 Kenai Ak. 99611
Kachemak Fisheries F1274-0	Homer	Mark Mahan	P.O. Box 676 Homer Ak. 99603
Kachemak Fish Packers F1737-6	Homer	James Patrick	P.O. Box 3454 Homer Ak. 99603
Katch Seafoods Inc. F1689-5	Homer	Brad Dickey	P.O. Box 2677 Homer Ak. 99603
North Alaska Fisheries F1681-7	Wasilla	Jack Schulteis	P.O. Box 877351 Wasilla Ak. 99687
Pacific Alaska Seafoods F0130-7	Nikiski	Jerry Cartee	P.O. Box 7498 Nikiski Ak. 99635
Pacific Star Seafoods F1834	Kenai	Dan Foley	2300 Eastlake Ave. E. Seattle, Wa. 98102
Quality Fresh Inc. F1726-7	Anchorage	Horace Gooding	P.O. Box 91477 Anchorage Ak. 99509-1477
R. & J Enterprises F0838-6	Kasilof	Juanita Meier	Box 165 Kasilof Ak. 99610

Table 14. Page 2 of 2.

Buyer/Processor	Plant Site	Contact	Address
Royal Pacific Fisheries F0409-1	Kenai	Marvin Dragseth	P.O. Box 4609 Kenai Ak. 99611
Sahalee of Alaska F1485	Anchorage	Christa Lind	P.O. 104174 Anchorage, Ak. 99510
Salamatof Seafoods F0037-1	Kenai	Wylie Reed	P.O. Box 5070 Kenai Ak. 99615
Salty Inc. 00493	Homer	David Beck	P.O. 6410 Halibut Cove, Ak. 99603
Seasonal Seafoods F0998-7	Kasilof	Baily Wharton	4039 21st Ave. Seattle Wa. 98199
Smoke'n Alaska Seafoods F1821	Seward	Nancy Lohman	P.O. 731 Seward, Ak. 99664
Snug Harbor Seafoods F1302-5	Kenai	Paul Dale	Box 701 Kenai Ak. 99611
The Smoke House F1767	Seward	Jenne Danzl	P.O. 2911 Seward, Ak. 99664
Trans Aqua Int'l F1193-2	Kasilof	Taka Iwasaki	One Union Sq. #2800 Seattle Wa. 981101
Wards Cove Packing F0270-2	Kenai	Ray Landry	P.O. Box C-5030 Seattle Wa. 98105-0030
Whitney Foods F1413	Kasilof	Joe Burt	7201 Sixth Ave. Suite 1300 Seattle Wa. 98121
Yamaya Seafood F1249		Sam Yamaya	4100 North Star Anchorage, Ak. 99503
10th & M Seafoods F0528	Anchorage	Bill Nix	1020 M Street Anchorage, Ak. 99501

Table 15. Reported subsistence catch by gear, area and species, Upper Cook Inlet, 1994.¹

Subdistrict/Gear	Specific Area	Chinook	Sockeye	Coho	Pink	Chum	Total
Central Dip Net							
	Kenai River	187	^{14,829} 13,897	2,535	1,263	114	17,996
	Kasilof River	54	2,735	137	59	14	2,999
	Subtotal	241	^{3,679} 16,632	2,672	1,322	128	20,995
Central Set Net							
Upper	Ninilchik	88	2,089	274	77	43	2,571
	Cohoe	145	3,605	368	109	25	4,252
	Kalifonsky	245	9,488	1,154	288	40	11,215
	Salamatof	132	7,822	1,008	455	54	9,471
Kalgin Island		24	205	90	3	7	329
Kustatan		0	0	0	0	0	0
Western		3	228	241	0	13	485
Chinitna Bay		12	15	36	3	31	97
Subtotal		649	23,452	3,171	935	213	28,420
Northern Set Net							
General		314	4,639	3,081	314	684	9,032
Eastern		61	1,191	521	51	24	1,848
Knik Arm		236	7,419	2,736	353	680	11,424
Subtotal		611	13,249	6,338	718	1,388	22,304
Grand Total		1,501	53,333	12,181	2,975	1,729	71,719

¹ Does not include Tyonek subsistence or any personal use fishery harvests.

Table 16. Seldovia District tide tables, April-September, 1994.

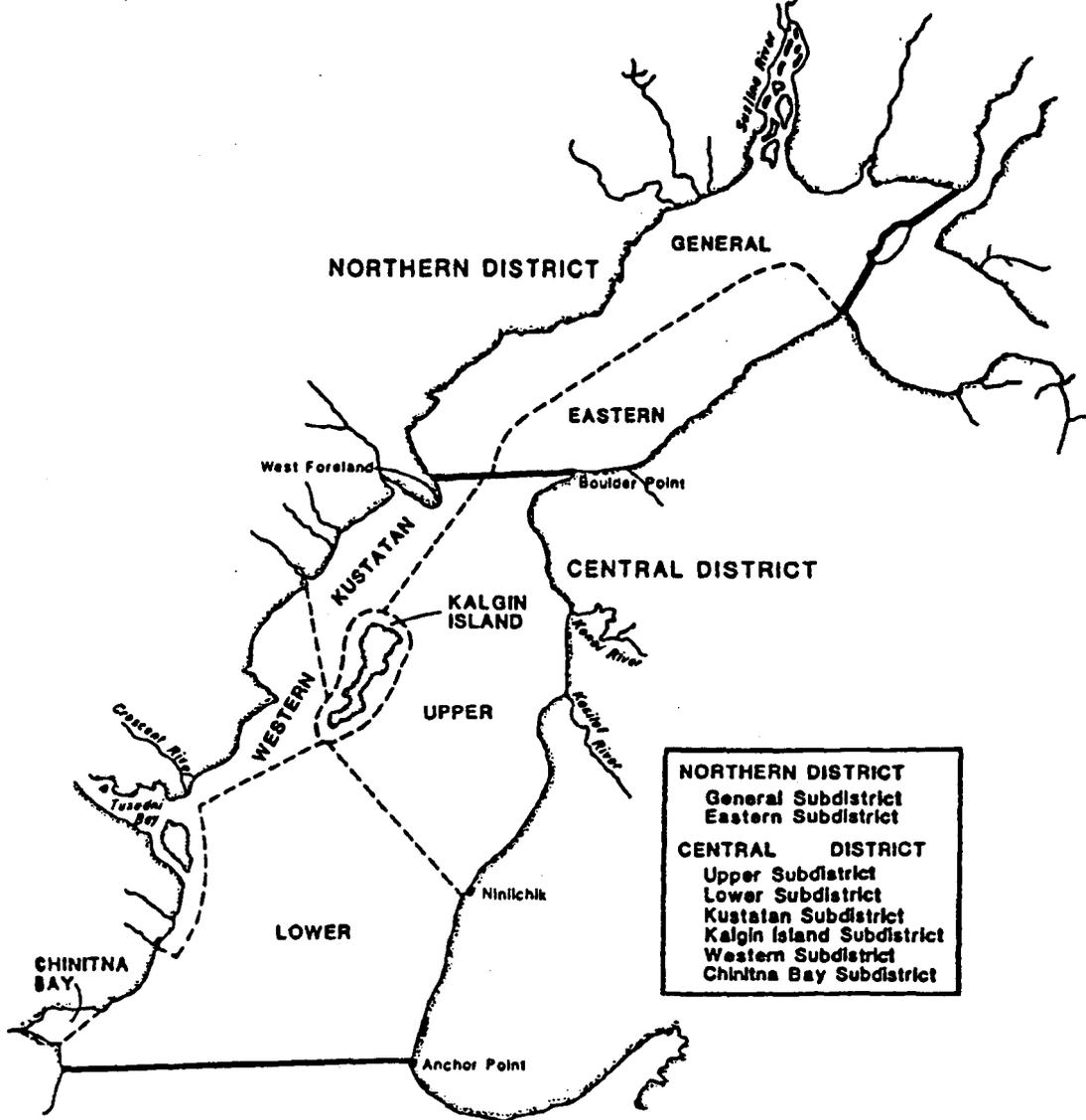
APRIL										MAY													
HIGH TIDES					LOW TIDES					HIGH TIDES					LOW TIDES								
Date	Day	A.M.		P.M.		Date	Day	A.M.		P.M.		Date	Day	A.M.		P.M.		Date	Day	A.M.		P.M.	
		Time	Feet	Time	Feet			Time	Feet	Time	Feet			Time	Feet	Time	Feet			Time	Feet	Time	Feet
1	Fri	5:29	19.2	6:38	16.1	1	Fri	--:--	--	12:03	-1.2	1	Sun	7:09	16.7	8:28	15.5	1	Sun	1:08	3.3	1:44	0.0
2	Sat	6:25	17.2	7:49	14.7	2	Sat	0:19	3.6	1:07	0.5	2	Mon	8:14	14.9	9:38	14.9	2	Mon	2:15	4.4	2:50	1.6
3	Sun	8:34	15.4	10:14	14.1	3	Sun	2:29	5.0	3:25	1.9	3	Tue	9:32	13.7	10:47	14.9	3	Tue	3:34	4.8	4:04	2.7
4	Mon	10:00	14.4	11:35	14.5	4	Mon	3:56	5.0	4:51	2.4	4	Wed	10:56	13.4	11:47	15.3	4	Wed	4:55	4.3	5:14	3.2
5	Tue	11:30	14.4	--:--	--	5	Tue	5:24	4.9	6:03	2.1	5	Thur	--:--	--	12:09	13.8	5	Thur	6:01	3.2	6:10	3.2
6	Wed	0:36	15.5	12:39	15.2	6	Wed	6:31	3.6	6:55	1.7	6	Fri	0:33	16.0	1:04	14.6	6	Fri	6:51	2.0	6:55	3.1
7	Thur	1:20	16.5	1:30	16.1	7	Thur	7:19	2.1	7:36	1.3	7	Sat	1:11	16.7	1:47	15.5	7	Sat	7:31	0.8	7:33	3.0
8	Fri	1:56	17.5	2:11	17.0	8	Fri	7:58	0.9	8:10	1.0	8	Sun	1:44	17.4	2:25	16.3	8	Sun	8:07	-0.1	8:08	2.8
9	Sat	2:25	18.2	2:46	17.7	9	Sat	8:33	-0.1	8:41	0.9	9	Mon	2:14	18.0	3:01	16.9	9	Mon	8:40	-1.0	8:42	2.7
10	Sun	2:53	18.8	3:20	18.2	10	Sun	9:05	-0.9	9:12	1.0	10	Tue	2:45	18.5	3:36	17.3	10	Tue	9:13	-1.5	9:16	2.7
11	Mon	3:20	19.2	3:53	18.3	11	Mon	9:37	-1.3	9:43	1.3	11	Wed	3:17	18.7	4:11	17.3	11	Wed	9:46	-1.8	9:51	2.8
12	Tue	3:48	19.3	4:27	18.1	12	Tue	10:08	-1.4	10:15	1.8	12	Thur	3:50	18.6	4:48	17.1	12	Thur	10:20	-1.7	10:27	3.2
13	Wed	4:18	19.0	5:02	17.5	13	Wed	10:41	-1.1	10:47	2.6	13	Fri	4:24	18.2	5:25	16.6	13	Fri	10:54	-1.4	11:03	3.7
14	Thur	4:48	18.4	5:38	16.5	14	Thur	11:14	-0.5	11:21	3.5	14	Sat	4:59	17.5	6:05	15.9	14	Sat	11:31	-0.8	11:43	4.3
15	Fri	5:19	17.5	6:18	15.4	15	Fri	11:49	0.2	11:57	4.6	15	Sun	5:37	16.6	6:48	15.2	15	Sun	--:--	--	12:10	-0.1
16	Sat	5:54	16.5	7:03	14.3	16	Sat	--:--	--	12:28	1.2	16	Mon	6:21	15.6	7:37	14.7	16	Mon	0:27	4.9	12:55	0.7
17	Sun	6:35	15.3	7:59	13.3	17	Sun	0:39	5.6	1:15	2.2	17	Tue	7:15	14.6	8:31	14.6	17	Tue	1:20	5.3	1:47	1.6
18	Mon	7:29	14.2	9:07	13.0	18	Mon	1:33	6.4	2:16	3.0	18	Wed	8:23	13.7	9:30	14.9	18	Wed	2:26	5.3	2:49	2.3
19	Tue	8:45	13.5	10:19	13.4	19	Tue	2:47	6.8	3:30	3.3	19	Thur	9:42	13.5	10:30	15.7	19	Thur	3:40	4.5	3:57	2.7
20	Wed	10:13	13.5	11:22	14.6	20	Wed	4:12	6.1	4:45	3.0	20	Fri	11:02	14.0	11:26	16.9	20	Fri	4:53	3.0	5:04	2.5
21	Thur	11:32	14.5	--:--	--	21	Thur	5:27	4.4	5:49	2.1	21	Sat	--:--	--	12:13	15.2	21	Sat	5:57	0.9	6:05	2.1
22	Fri	0:14	16.3	12:37	16.1	22	Fri	6:26	2.1	6:42	1.0	22	Sun	0:19	18.3	1:14	16.6	22	Sun	6:52	-1.2	7:00	1.4
23	Sat	1:00	18.1	1:32	17.8	23	Sat	7:16	-0.3	7:30	0.0	23	Mon	1:09	19.7	2:09	18.0	23	Mon	7:43	-3.2	7:52	0.8
24	Sun	1:43	19.9	2:23	19.2	24	Sun	8:03	-2.6	8:16	-0.6	24	Tue	1:58	20.9	3:00	19.0	24	Tue	8:31	-4.8	8:41	0.3
25	Mon	2:25	21.3	3:11	20.2	25	Mon	8:48	-4.4	9:01	-1.0	25	Wed	2:45	21.5	3:48	19.5	25	Wed	9:18	-5.6	9:29	0.2
26	Tue	3:08	22.1	3:58	20.5	26	Tue	9:33	-5.5	9:46	-0.8	26	Thur	3:32	21.6	4:37	19.6	26	Thur	10:05	-5.7	10:17	0.4
27	Wed	3:51	22.3	4:46	20.1	27	Wed	10:19	-5.6	10:32	-0.2	27	Fri	4:20	21.1	5:25	19.1	27	Fri	10:51	-5.1	11:06	0.9
28	Thur	4:36	21.7	5:36	19.3	28	Thur	11:05	-5.0	11:20	0.7	28	Sat	5:08	20.0	6:13	18.3	28	Sat	11:38	-3.9	11:57	1.7
29	Fri	5:22	20.4	6:28	18.0	29	Fri	11:54	-3.6	--:--	--	29	Sun	5:57	18.4	7:04	17.4	29	Sun	--:--	--	12:25	-2.2
30	Sat	6:13	18.7	7:25	16.6	30	Sat	0:11	2.0	12:46	-1.8	30	Mon	6:50	16.6	7:56	16.4	30	Mon	0:51	2.7	1:15	-0.3
												31	Tue	7:48	14.8	8:51	15.6	31	Tue	1:51	3.5	2:09	1.4

Table 16. (page 2 of 3)

JUNE										JULY													
HIGH TIDES					LOW TIDES					HIGH TIDES					LOW TIDES								
Date	Day	A.M.		P.M.		Date	Day	A.M.		P.M.		Date	Day	A.M.		P.M.							
		Time	Feet	Time	Feet			Time	Feet	Time	Feet			Time	Feet	Time	Feet	Time	Feet				
1	Wed	8:53	13.4	9:48	15.2	1	Wed	2:58	4.0	3:08	3.0	1	Fri	9:14	12.5	9:35	15.0	1	Fri	3:14	4.0	3:05	4.9
2	Thur	10:08	12.6	10:44	15.1	2	Thur	4:10	4.0	4:11	4.1	2	Sat	10:30	11.9	10:30	14.8	2	Sat	4:23	3.9	4:07	5.9
3	Fri	11:24	12.6	11:35	15.3	3	Fri	5:19	3.4	5:12	4.7	3	Sun	11:49	12.2	11:27	15.0	3	Sun	5:31	3.4	5:14	6.4
4	Sat	--:--	--	12:30	13.2	4	Sat	6:15	2.4	6:07	4.9	4	Mon	--:--	--	12:55	13.0	4	Mon	6:28	2.5	6:16	6.2
5	Sun	0:20	15.8	1:22	14.0	5	Sun	7:01	1.4	6:54	4.7	5	Tue	0:20	15.6	1:45	14.0	5	Tue	7:15	1.3	7:07	5.6
6	Mon	1:00	16.4	2:05	14.9	6	Mon	7:40	0.3	7:36	4.4	6	Wed	1:08	16.4	2:26	15.1	6	Wed	7:55	0.2	7:52	4.9
7	Tue	1:38	17.1	2:43	15.7	7	Tue	8:17	-0.5	8:15	4.0	7	Thur	1:52	17.3	3:02	16.2	7	Thur	8:32	-0.8	8:33	4.0
8	Wed	2:15	17.8	3:20	16.4	8	Wed	8:52	-1.3	8:53	3.6	8	Fri	2:33	18.2	3:38	17.1	8	Fri	9:07	-1.7	9:13	3.2
9	Thur	2:52	18.2	3:57	16.9	9	Thur	9:27	-1.8	9:31	3.4	9	Sat	3:12	18.8	4:12	17.8	9	Sat	9:42	-2.3	9:51	2.6
10	Fri	3:29	18.4	4:33	17.1	10	Fri	10:02	-2.1	10:09	3.2	10	Sun	3:52	19.1	4:47	18.3	10	Sun	10:17	-2.6	10:31	2.1
11	Sat	4:06	18.4	5:10	17.1	11	Sat	10:37	-2.1	10:48	3.2	11	Mon	4:31	19.0	5:22	18.5	11	Mon	10:54	-2.5	11:11	1.7
12	Sun	4:45	18.0	5:48	16.9	12	Sun	11:14	-1.8	11:29	3.4	12	Tue	5:13	18.5	5:58	18.5	12	Tue	11:31	-1.9	11:55	1.6
13	Mon	5:25	17.3	6:27	16.7	13	Mon	11:52	-1.2	--:--	--	13	Wed	5:58	17.7	6:37	18.3	13	Wed	--:--	--	12:11	-0.9
14	Tue	6:10	16.4	7:09	16.5	14	Tue	0:14	3.5	12:34	-0.4	14	Thur	6:48	16.5	7:21	18.0	14	Thur	0:42	1.6	12:55	0.4
15	Wed	7:02	15.4	7:56	16.3	15	Wed	1:04	3.6	1:21	0.6	15	Fri	7:46	15.1	8:10	17.6	15	Fri	1:36	1.8	1:45	1.9
16	Thur	8:04	14.3	8:48	16.4	16	Thur	2:02	3.5	2:14	1.7	16	Sat	8:56	14.0	9:08	17.2	16	Sat	2:40	1.8	2:46	3.4
17	Fri	9:17	13.7	9:45	16.7	17	Fri	3:09	3.0	3:17	2.7	17	Sun	10:18	13.5	10:15	17.2	17	Sun	3:54	1.6	3:57	4.4
18	Sat	10:37	13.6	10:46	17.3	18	Sat	4:21	2.0	4:25	3.3	18	Mon	11:43	14.0	11:25	17.6	18	Mon	5:11	0.7	5:13	4.5
19	Sun	11:54	14.4	11:46	18.1	19	Sun	5:31	0.4	5:34	3.3	19	Tue	--:--	--	12:56	15.2	19	Tue	6:20	-0.5	6:24	4.0
20	Mon	--:--	--	1:02	15.6	20	Mon	6:33	-1.2	6:37	2.8	20	Wed	0:31	18.4	1:53	16.6	20	Wed	7:19	-1.9	7:24	2.9
21	Tue	0:44	19.2	2:00	16.9	21	Tue	7:28	-2.9	7:34	2.1	21	Thur	1:30	19.3	2:42	18.0	21	Thur	8:10	-3.1	8:17	1.8
22	Wed	1:39	20.1	2:51	18.1	22	Wed	8:19	-4.2	8:27	1.4	22	Fri	2:23	20.1	3:25	19.0	22	Fri	8:55	-3.8	9:05	0.9
23	Thur	2:31	20.8	3:39	18.9	23	Thur	9:06	-5.0	9:16	0.8	23	Sat	3:10	20.6	4:05	19.6	23	Sat	9:36	-4.0	9:50	0.3
24	Fri	3:20	21.0	4:24	19.4	24	Fri	9:52	-5.1	10:04	0.6	24	Sun	3:54	20.5	4:43	19.8	24	Sun	10:15	-3.6	10:32	0.2
25	Sat	4:07	20.7	5:08	19.3	25	Sat	10:35	-4.6	10:51	0.7	25	Mon	4:36	19.9	5:19	19.6	25	Mon	10:53	-2.7	11:14	0.5
26	Sun	4:53	19.8	5:50	18.9	26	Sun	11:18	-3.6	11:38	1.2	26	Tue	5:17	18.9	5:54	18.9	26	Tue	11:29	-1.3	11:55	1.1
27	Mon	5:39	18.5	6:33	18.2	27	Mon	--:--	--	12:00	-2.1	27	Wed	5:58	17.5	6:29	18.1	27	Wed	--:--	--	12:05	0.3
28	Tue	6:26	16.9	7:15	17.3	28	Tue	0:26	1.9	12:41	-0.3	28	Thur	6:40	16.0	7:04	17.0	28	Thur	0:37	2.0	12:41	2.1
29	Wed	7:15	15.2	7:58	16.3	29	Wed	1:16	2.7	1:24	1.5	29	Fri	7:27	14.3	7:43	16.0	29	Fri	1:22	3.0	1:20	3.9
30	Thur	8:10	13.7	8:44	15.5	30	Thur	2:11	3.5	2:11	3.3	30	Sat	8:23	12.9	8:29	15.0	30	Sat	2:13	3.9	2:05	5.6
												31	Sun	9:35	11.9	9:26	14.4	31	Sun	3:18	4.5	3:06	6.9

Figure 1.

UPPER COOK INLET SALMON DISTRICTS



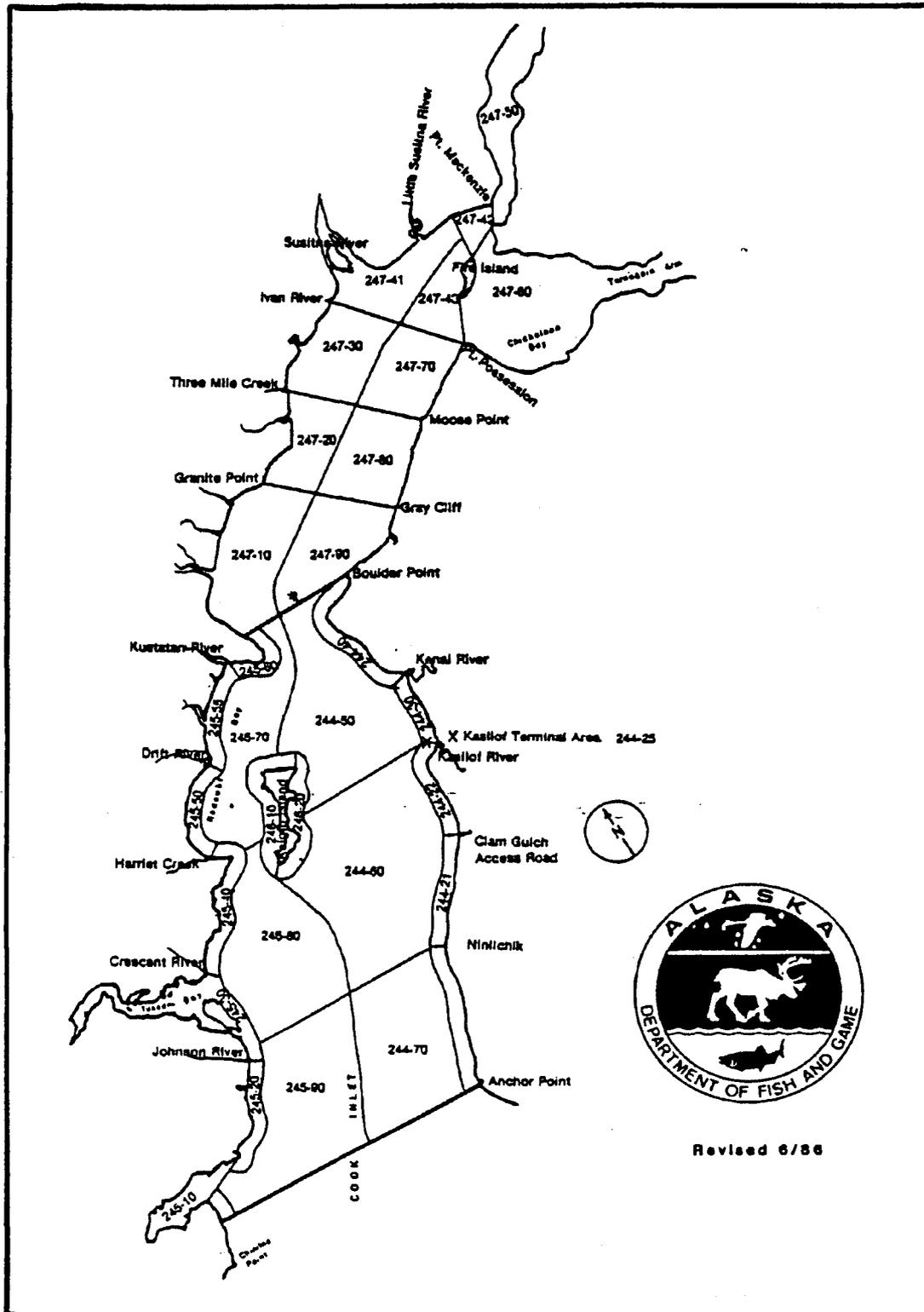


Figure 2. Upper Cook Inlet statistical areas.

Appendix A.1. Upper Cook Inlet commercial chinook salmon harvest by gear type and area, 1966-1994.

Year	Central District Set Gillnet								Total
	Central District Drift Gillnet		Central District Set Gillnet				Northern District Set Gillnet		
	Number	%	East Side Number	East Side %	Kalgin/West Side Number	Kalgin/West Side %	Number	%	
1966	392	4.6	7,329	85.8	401	4.7	422	4.9	8,544
1967	489	6.3	6,646	85.0	500	6.4	184	2.3	7,819
1968	182	4.0	3,304	72.8	579	12.8	471	10.4	4,536
1969	362	2.9	5,834	47.1	3,286	26.6	2,904	23.4	12,386
1970	367	4.4	5,366	64.3	1,152	13.9	1,460	17.5	8,345
1971	237	1.2	7,055	35.7	2,875	14.5	9,598	48.6	19,765
1972	375	2.3	8,599	53.5	2,199	13.7	4,913	30.5	16,086
1973	244	4.7	4,411	84.9	369	7.1	170	3.3	5,194
1974	422	6.4	5,571	84.5	434	6.5	169	2.6	6,596
1975	250	5.2	3,675	76.8	733	15.0	129	2.7	4,787
1976	690	6.4	8,249	75.9	1,469	13.5	457	4.2	10,865
1977	3,411	23.1	9,732	65.8	1,084	7.3	565	3.8	14,792
1978	2,072	12.0	12,468	72.1	2,093	12.1	666	3.9	17,299
1979	1,089	7.9	8,671	63.1	2,264	16.5	1,714	12.5	13,738
1980	889	6.4	9,643	69.9	2,273	16.5	993	7.2	13,798
1981	2,320	19.0	8,358	68.3	837	6.8	725	5.9	12,240
1982	1,293	6.2	13,658	65.4	3,203	15.3	2,716	13.0	20,870
1983	1,125	5.5	15,043	72.9	3,534	17.1	933	4.5	20,635
1984	1,377	13.7	6,165	61.3	1,516	14.9	1,004	10.0	10,062
1985	2,048	8.5	17,723	73.6	2,427	10.1	1,890	7.8	24,088
1986	1,834	4.7	19,810	50.5	2,108	5.4	15,488	39.5	39,240
1987	4,552	11.5	21,379	53.9	1,029	2.6	12,701	32.0	39,661
1988	2,217	7.6	12,870	44.3	1,137	3.9	12,836	44.2	29,060
1989	0	0.0	10,919	40.8	3,092	11.6	12,731	47.6	26,742
1990	621	3.9	4,319	25.7	1,763	10.9	9,582	59.5	16,105
1991	241	1.8	4,891	36.1	1,544	11.4	6,859	50.7	13,535
1992	615	3.6	10,718	62.4	1,284	7.5	4,554	26.5	17,171
1993	746	4.0	13,977	74.7	719	3.8	3,277	17.5	18,719
1994	460	2.3	15,885	78.4	730	3.6	3,185	15.7	20,260
Average ¹	1,104	6.9	9,685	60.8	1,555	9.8	3,592	22.5	15,936

¹ 1989 excluded from averages.

Appendix A.2. Upper Cook Inlet commercial sockeye salmon harvest by gear type and area, 1966-1994

Year	Central District Set Gillnet								Total
	Central District Drift Gillnet		Central District Set Gillnet				Northern District Set Gillnet		
	Number	%	East Side	Kalgin/West Side		Number	%		
	Number	%	Number	%	Number	%	Number	%	
1966	1,103,261	59.6	485,330	26.2	132,443	7.2	131,080	7.1	1,852,114
1967	890,152	64.6	303,858	22.0	66,414	4.8	118,065	8.6	1,378,489
1968	561,737	50.8	317,535	28.7	85,049	7.7	140,575	12.7	1,104,896
1969	371,747	53.7	210,834	30.5	71,184	10.3	38,050	5.5	691,815
1970	460,690	62.9	142,701	19.5	62,723	8.6	66,458	8.9	732,572
1971	423,107	66.5	111,505	17.5	61,144	9.6	40,533	6.4	636,289
1972	506,281	57.5	204,599	23.3	83,176	9.5	85,755	9.7	879,811
1973	375,695	56.1	188,816	28.2	59,973	8.9	45,614	6.8	670,098
1974	265,771	53.5	136,889	27.5	52,962	10.7	41,563	8.4	497,185
1975	368,124	53.8	177,336	25.9	73,765	10.8	65,526	9.7	684,751
1976	1,055,786	63.4	476,376	28.6	62,338	3.7	69,649	4.2	1,664,149
1977	1,073,098	52.3	751,178	36.6	104,265	5.1	123,780	6.0	2,052,321
1978	1,803,479	68.8	660,797	25.2	105,767	4.0	51,378	2.0	2,621,421
1979	454,707	49.1	248,359	26.8	108,422	11.7	113,918	12.2	925,406
1980	770,247	48.9	559,812	35.6	137,882	8.8	105,647	6.7	1,573,588
1981	633,280	44.0	496,003	34.5	60,217	4.2	249,662	17.3	1,439,262
1982	2,103,429	64.5	971,423	29.8	66,952	2.1	118,060	3.6	3,259,864
1983	3,222,428	63.8	1,508,511	29.9	134,575	2.7	184,219	3.6	5,049,733
1984	1,235,337	58.6	490,273	23.3	162,139	7.7	218,695	10.4	2,106,714
1985	2,032,957	50.1	1,561,200	38.4	285,081	7.0	181,191	4.5	4,060,429
1986	2,834,534	59.2	1,657,904	34.6	153,714	3.2	141,830	3.0	4,787,982
1987	5,631,746	59.3	3,495,802	36.8	208,036	2.2	164,602	1.7	9,500,186
1988	4,129,878	60.4	2,428,597	35.5	146,154	2.1	129,713	1.9	6,834,342
1989	3	0.0	4,543,066	90.7	186,828	3.7	280,801	5.6	5,010,698
1990	2,305,742	64.0	1,116,975	31.0	84,949	2.4	96,398	2.7	3,604,064
1991	1,117,514	51.3	844,156	38.8	99,705	4.6	116,201	5.3	2,177,576
1992	6,069,495	66.6	2,838,076	31.2	131,291	1.4	69,478	0.8	9,108,340
1993	2,558,492	53.8	1,941,706	40.8	108,181	2.3	146,319	3.1	4,754,698
1994	1,878,463	52.7	1,482,957	41.6	85,830	2.4	120,142	3.4	3,567,392
Average ¹	1,651,331	57.5	921,768	33.5	106,940	6.0	113,370	6.5	2,793,410

¹ 1989 excluded from average.

Appendix A.3. Upper Cook Inlet commercial coho salmon harvest by gear type and area, 1966-1994.

Year	Central District Set Gillnet								Total
	Central District Drift Gillnet		Central District Set Gillnet				Northern District Set Gillnet		
	Number	%	East Side Number	%	Kalgin/West Side Number	%	Number	%	
1966	80,901	27.9	68,877	23.8	59,509	20.5	80,550	27.8	289,837
1967	53,071	29.9	40,738	22.9	40,066	22.5	43,854	24.7	177,729
1968	167,383	35.8	80,828	17.3	63,301	13.5	156,648	33.5	468,160
1969	33,053	32.8	18,988	18.8	28,231	28.0	20,425	20.3	100,697
1970	114,070	40.9	30,114	10.8	52,299	18.7	82,722	29.6	279,205
1971	35,491	35.4	16,589	16.5	26,188	26.1	22,094	22.0	100,362
1972	21,577	26.7	24,673	30.5	15,300	18.9	19,346	23.9	80,896
1973	31,784	30.4	23,901	22.9	24,784	23.7	23,951	22.9	104,420
1974	75,640	37.8	36,837	18.4	40,610	20.3	47,038	23.5	200,125
1975	88,579	40.0	46,209	20.8	53,537	24.2	33,051	14.9	221,376
1976	80,712	38.7	47,873	22.9	42,243	20.2	37,835	18.1	208,663
1977	110,184	57.2	23,693	12.3	38,093	19.8	20,623	10.7	192,593
1978	76,259	34.8	34,134	15.6	61,711	28.2	47,089	21.5	219,193
1979	114,496	43.2	29,284	11.2	68,306	25.8	53,078	20.0	265,164
1980	89,510	33.0	40,281	14.8	51,527	19.0	90,098	33.2	271,416
1981	226,366	46.6	36,024	7.4	88,390	18.2	134,625	27.7	485,405
1982	416,274	52.5	108,393	13.7	182,205	23.0	85,352	10.8	792,224
1983	326,965	63.3	37,694	7.3	97,796	18.9	53,867	10.4	516,322
1984	213,423	47.4	37,166	8.3	84,618	18.8	114,786	25.5	449,993
1985	357,388	53.6	70,657	10.6	147,331	22.1	91,837	13.8	667,213
1986	506,405	66.9	76,385	10.1	85,932	11.4	88,108	11.6	756,830
1987	202,306	44.8	74,977	16.6	74,930	16.6	98,920	21.9	451,404
1988	277,703	49.6	55,419	9.9	77,058	13.8	149,742	26.7	560,022
1989	743	0.2	81,744	24.1	81,004	23.9	175,710	51.8	339,201
1990	247,453	49.4	40,351	8.1	73,429	14.7	139,401	27.8	500,634
1991	175,504	41.2	30,435	7.1	87,515	20.6	132,270	31.1	425,724
1992	267,300	57.0	57,078	12.2	53,400	11.4	91,133	19.4	468,911
1993	121,828	39.7	43,075	14.0	35,661	11.6	106,258	34.6	306,822
1994	306,217	52.7	69,281	11.9	61,005	10.5	144,064	24.8	580,567
Average ¹	172,066	47.5	46,427	12.8	64,821	17.9	78,884	21.8	362,211

¹ 1989 excluded from average.

Appendix A.4. Upper Cook Inlet commercial pink salmon harvest by gear type and area, 1966-1994.

Year	Central District Set Gillnet								Total
	Central District Drift Gillnet		Central District Set Gillnet				Northern District Set Gillnet		
	Number	%	East Side	Kalgin/West Side		Number	%		
	Number	%	Number	%	Number	%	Number	%	
1966	593,654	29.6	969,624	48.3	70,507	3.5	371,960	18.5	2,005,745
1967	7,475	23.2	12,900	40.5	3,256	10.1	8,460	26.4	32,091
1968	880,512	38.7	785,887	34.5	75,755	3.3	534,839	23.5	2,276,993
1969	8,233	25.1	10,968	34.4	5,711	17.2	7,587	23.3	33,499
1970	334,737	41.9	281,067	34.0	24,763	3.0	174,193	21.4	814,760
1971	6,433	18.1	18,097	50.8	2,637	7.4	8,423	23.7	35,590
1972	115,117	18.3	403,706	64.2	18,913	3.0	90,830	14.5	628,566
1973	91,901	28.2	80,596	24.7	16,437	5.0	137,250	42.1	326,184
1974	140,432	29.1	291,408	60.2	9,014	1.9	42,876	8.9	483,730
1975	113,868	33.9	112,423	33.5	19,086	5.5	90,953	27.0	336,330
1976	599,594	47.7	479,024	38.1	30,030	2.4	148,080	11.8	1,256,728
1977	286,308	51.7	125,817	22.7	25,212	4.6	116,518	21.0	553,855
1978	934,442	55.3	372,601	22.1	54,785	3.2	326,614	19.3	1,688,442
1979	19,554	26.8	19,983	27.4	7,061	9.7	26,382	36.1	72,980
1980	964,526	54.0	299,444	16.8	47,963	2.7	474,488	26.6	1,786,421
1981	53,888	42.4	15,654	12.3	4,276	3.4	53,325	41.9	127,143
1982	270,380	34.2	432,715	54.7	14,242	1.8	73,307	9.3	790,644
1983	26,629	37.9	18,309	26.0	3,785	5.4	21,604	30.7	70,327
1984	273,565	44.3	220,895	35.8	16,708	2.7	106,284	17.2	617,452
1985	34,228	39.0	17,715	20.2	5,653	6.4	30,232	34.4	87,828
1986	614,453	47.3	530,445	40.8	15,460	1.2	139,002	10.7	1,299,360
1987	38,660	35.2	47,707	43.4	5,229	4.8	18,205	16.6	109,801
1988	226,776	48.3	179,092	38.1	9,890	2.1	54,210	11.5	469,968
1989	1	0.0	37,971	56.3	5,580	8.3	23,878	35.4	67,430
1990	323,955	53.7	225,429	37.3	10,302	1.7	43,944	7.3	603,630
1991	5,791	39.5	2,670	18.2	1,049	7.2	5,153	35.1	14,663
1992	423,738	60.9	244,068	35.1	4,248	0.6	23,805	3.4	695,859
1993	46,457	46.0	41,674	41.3	2,313	2.3	10,468	10.4	100,918
1994	251,602	48.3	236,582	45.5	3,116	0.6	29,181	5.6	520,481
Average ¹	274,532	43.1	231,304	36.3	18,121	2.8	113,149	17.8	637,107

¹ 1989 excluded from average.

Appendix A.5. Upper Cook Inlet commercial chum salmon harvest by gear type and area, 1966-1994.

Year	Central District Set Gillnet								Total
	Central District Drift Gillnet		East Side		Kalgin/West Side		Northern District Set Gillnet		
	Number	%	Number	%	Number	%	Number	%	
1966	424,972	79.8	7,461	1.4	64,725	12.1	35,598	6.7	532,756
1967	233,041	78.5	399	0.1	25,013	8.4	38,384	12.9	296,837
1968	1,022,900	90.7	1,563	0.1	44,986	4.0	58,454	5.2	1,127,903
1969	238,497	89.1	399	0.1	16,954	6.3	11,836	4.3	267,686
1970	678,448	90.4	1,228	0.2	48,591	6.5	24,507	3.1	750,774
1971	274,567	84.8	128	0.0	32,647	10.1	16,603	5.1	323,945
1972	564,726	90.2	1,727	0.3	40,179	6.4	19,780	3.2	626,412
1973	605,738	90.7	1,965	0.3	29,019	4.3	30,851	4.6	667,573
1974	344,496	86.8	506	0.1	15,346	3.9	36,492	9.2	396,840
1975	886,474	93.2	980	0.1	33,347	3.5	30,787	3.2	951,588
1976	405,769	86.5	1,484	0.3	47,882	10.2	14,045	3.0	469,180
1977	1,153,454	93.5	1,413	0.1	54,708	4.4	23,861	1.9	1,233,436
1978	489,119	85.5	4,563	0.8	40,946	7.2	37,151	6.5	571,779
1979	609,239	93.8	867	0.1	30,342	4.7	9,310	1.4	649,758
1980	339,970	87.7	2,147	0.6	28,970	7.5	16,728	4.3	387,815
1981	756,922	91.0	2,386	0.3	26,461	3.2	46,208	5.6	831,977
1982	1,348,510	94.1	4,777	0.3	36,647	2.6	43,006	3.0	1,432,940
1983	1,044,636	93.7	2,822	0.3	38,079	3.4	29,321	2.6	1,114,858
1984	568,097	83.5	3,695	0.5	34,207	5.0	74,727	11.0	680,726
1985	700,848	90.7	4,133	0.5	31,746	4.1	36,122	4.7	772,849
1986	1,012,028	89.2	7,027	0.6	39,078	3.4	76,040	6.7	1,134,173
1987	211,580	60.6	16,608	4.8	53,558	15.3	67,180	19.3	348,926
1988	580,650	81.9	11,841	1.7	40,354	5.7	75,728	10.7	708,573
1989	72	0.1	12,302	10.1	27,705	22.7	81,948	67.2	122,027
1990	289,521	82.4	4,611	1.3	21,355	6.1	35,710	10.2	351,197
1991	215,469	76.9	2,387	0.9	22,974	8.2	39,393	14.1	280,223
1992	232,955	84.9	2,867	1.0	13,180	4.8	25,301	9.2	274,303
1993	88,823	72.4	2,977	2.4	5,566	4.5	25,401	20.7	122,767
1994	245,854	82.1	2,944	1.0	10,443	3.5	40,059	13.4	299,300
Average ¹	545,635	88.5	3,261	0.5	32,355	5.3	35,031	5.7	616,282

¹ 1989 excluded from average.

Appendix A.6. Upper Cook Inlet commercial salmon harvest by gear type and area, 1966-1994.

Year	Central District Set Gillnet								Total
	Central District Drift Gillnet		Central District Set Gillnet				Northern District Set Gillnet		
	Number	%	East Side	Kalgin/West Side	Number	%	Number	%	
1966	2,203,180	47.0	1,538,621	32.8	327,585	7.0	619,610	13.2	4,688,996
1967	1,184,228	62.6	364,541	19.3	135,249	7.1	208,947	11.0	1,892,965
1968	2,612,714	52.6	1,189,117	24.0	269,670	5.4	890,987	18.0	4,962,488
1969	651,892	59.0	247,023	22.4	125,366	11.3	80,910	7.3	1,105,191
1970	1,584,301	61.4	460,478	17.4	189,528	7.3	349,340	13.5	2,581,647
1971	739,835	66.3	153,374	13.7	125,491	11.2	97,251	8.7	1,115,951
1972	1,208,076	54.1	643,304	28.8	159,767	7.2	220,626	9.9	2,231,773
1973	1,105,362	62.3	299,689	16.9	130,582	7.4	237,836	13.4	1,773,469
1974	826,761	52.2	471,211	29.7	118,366	7.5	168,138	10.6	1,584,476
1975	1,457,295	66.1	340,623	15.5	186,468	8.5	220,446	10.0	2,204,832
1976	2,142,551	59.4	1,013,006	28.1	183,962	5.1	270,066	7.5	3,609,585
1977	2,626,455	64.9	911,831	22.5	223,362	5.5	285,317	7.1	4,046,965
1978	3,305,371	64.6	1,084,563	21.2	265,302	5.2	462,898	9.0	5,118,134
1979	1,199,085	62.3	306,164	16.0	216,395	11.2	204,402	10.6	1,926,046
1980	2,165,142	53.7	911,327	22.6	268,615	6.7	687,954	17.1	4,033,038
1981	1,672,876	57.8	558,425	19.3	180,181	6.2	483,545	16.7	2,895,027
1982	4,139,886	65.7	1,530,966	24.3	303,249	4.8	322,441	5.1	6,296,542
1983	4,621,783	68.2	1,582,378	23.4	277,769	4.1	289,944	4.3	6,771,874
1984	2,291,799	59.3	758,194	19.6	299,188	7.7	515,766	13.3	3,864,947
1985	3,127,469	55.7	1,671,428	29.8	472,238	8.4	341,272	6.1	5,612,407
1986	4,969,254	62.0	2,291,571	28.6	296,292	3.7	460,468	5.7	8,017,585
1987	6,088,844	58.3	3,656,473	35.0	342,782	3.3	361,608	3.5	10,449,707
1988	5,217,224	60.7	2,687,819	31.2	274,593	3.2	422,229	4.9	8,601,865
1989	819	0.0	4,686,002	84.2	304,209	5.5	575,068	10.3	5,566,098
1990	3,167,292	62.6	1,391,505	27.5	174,798	3.5	325,035	6.4	5,058,630
1991	1,514,519	52.0	884,539	30.4	212,787	7.3	299,876	10.3	2,911,721
1992	6,994,103	66.2	3,152,807	29.8	203,403	1.9	214,271	2.0	10,564,584
1993	2,861,352	53.9	2,043,409	38.5	152,440	2.9	291,723	5.5	5,303,924
1994	2,682,596	53.8	1,807,649	36.3	161,124	3.2	336,631	6.8	4,988,000
Average ¹	2,655,665	59.4	1,212,573	25.2	224,163	6.2	345,269	9.2	4,436,062

¹ 1989 figures excluded from average.

Appendix A.7. Upper Cook Inlet commercial salmon harvest by species, 1954-1994.

Year	Chinook	Sockeye	Coho	Pink	Chum	Total
1954	63,780	1,207,046	321,525	2,189,207	510,068	4,291,626
1955	45,926	1,027,528	170,777	101,680	248,343	1,594,254
1956	64,977	1,258,789	198,189	1,595,375	782,051	3,899,381
1957	42,158	643,712	125,434	21,228	1,001,470	1,834,002
1958	22,727	477,392	239,765	1,648,548	471,697	2,860,129
1959	32,651	612,676	106,312	12,527	300,319	1,064,485
1960	27,512	923,314	311,461	1,411,605	659,997	3,333,889
1961	19,737	1,162,303	117,778	34,017	349,628	1,683,463
1962	20,210	1,147,573	350,324	2,711,689	970,582	5,200,378
1963	17,536	942,980	197,140	30,436	387,027	1,575,119
1964	4,531	970,055	452,654	3,231,961	1,079,084	5,738,285
1965	9,741	1,412,350	153,619	23,963	316,444	1,916,117
1966	8,544	1,852,114	289,837	2,005,745	532,756	4,688,996
1967	7,859	1,380,062	177,729	32,229	296,837	1,894,716
1968	4,536	1,104,904	469,850	2,278,197	1,119,114	4,976,601
1969	12,397	692,175	100,777	33,383	269,847	1,108,579
1970	8,336	732,605	275,399	814,895	776,229	2,607,464
1971	19,765	636,303	100,636	35,624	327,029	1,119,357
1972	16,086	879,824	80,933	628,574	630,103	2,235,520
1973	5,194	670,098	104,420	326,184	667,573	1,773,469
1974	6,596	497,185	200,125	483,730	396,840	1,584,476
1975	4,787	684,752	227,379	336,333	951,796	2,205,047
1976	10,865	1,664,150	208,695	1,256,728	469,802	3,610,240
1977	14,790	2,052,291	192,599	553,855	1,233,722	4,047,257
1978	17,299	2,621,421	219,193	1,688,442	571,779	5,118,134
1979	13,738	924,415	265,166	72,982	650,357	1,926,658
1980	13,798	1,573,597	271,418	1,786,430	390,675	4,035,918
1981	12,240	1,439,277	484,411	127,164	833,542	2,896,634
1982	20,870	3,259,864	793,937	790,648	1,433,866	6,299,185
1983	20,634	5,049,733	516,322	70,327	1,114,858	6,771,874
1984	10,062	2,106,714	449,993	617,452	680,726	3,864,947
1985	24,088	4,060,429	667,213	87,828	772,849	5,612,407
1986	39,240	4,787,982	756,830	1,299,360	1,134,173	8,017,585
1987	39,661	9,500,186	451,404	109,801	349,139	10,450,191
1988	29,060	6,834,342	560,022	469,972	708,573	8,601,969
1989	26,742	5,010,698	339,201	67,430	122,027	5,566,098
1990	16,105	3,604,064	500,634	603,630	351,197	5,075,630
1991	13,535	2,177,576	425,724	14,663	280,223	2,911,721
1992	17,171	9,108,340	468,911	695,859	274,303	10,564,584
1993	18,719	4,754,698	306,822	100,918	122,767	5,303,924
1994	20,260	3,567,392	580,567	520,481	299,300	4,988,000
Average	20,597	2,317,388	322,710	754,173	605,822	4,020,690

Appendix A.8. Approximate exvessel value of the Upper Cook Inlet commercial salmon harvest by species, 1960-1994.

Year	Chinook	%	Sockeye	%	Coho	%	Pink	%	Chum	%	Total
1960	\$140,000	5.0	\$1,334,000	47.9	\$307,000	11.0	\$663,000	23.8	\$343,000	12.3	\$2,787,000
1961	\$100,000	4.7	\$1,687,000	79.4	\$118,000	5.6	\$16,000	0.8	\$204,000	9.6	\$2,125,000
1962	\$100,000	2.5	\$1,683,000	42.3	\$342,000	8.6	\$1,274,000	32.0	\$582,000	14.6	\$3,981,000
1963	\$89,000	4.6	\$1,388,000	72.3	\$193,000	10.1	\$13,000	0.7	\$236,000	12.3	\$1,919,000
1964	\$20,000	0.5	\$1,430,000	38.9	\$451,000	12.3	\$1,131,000	30.8	\$646,000	17.6	\$3,678,000
1965	\$50,000	2.0	\$2,099,000	82.1	\$109,000	4.3	\$70,000	2.7	\$230,000	9.0	\$2,558,000
1966	\$50,000	1.2	\$2,727,000	64.4	\$295,000	7.0	\$823,000	19.4	\$338,000	8.0	\$4,233,000
1967	\$49,000	1.9	\$2,135,000	82.6	\$187,000	7.2	\$13,000	0.5	\$202,000	7.8	\$2,586,000
1968	\$30,000	0.7	\$1,758,000	40.4	\$515,000	11.8	\$1,209,000	27.8	\$843,000	19.4	\$4,355,000
1969	\$70,000	4.3	\$1,231,000	75.2	\$109,000	6.7	\$23,000	1.4	\$204,000	12.5	\$1,637,000
1970	\$49,000	1.8	\$1,135,000	42.5	\$354,000	13.3	\$387,000	14.5	\$745,000	27.9	\$2,670,000
1971	\$189,000	10.7	\$1,102,000	62.2	\$143,000	8.1	\$22,000	1.2	\$316,000	17.8	\$1,772,000
1972	\$217,000	6.3	\$1,795,000	52.0	\$135,000	3.9	\$473,000	13.7	\$834,000	24.1	\$3,454,000
1973	\$122,000	2.0	\$3,214,000	52.2	\$320,000	5.2	\$363,000	5.9	\$2,134,000	34.7	\$6,153,000
1974	\$210,000	3.2	\$3,058,000	46.5	\$843,000	12.8	\$946,000	14.4	\$1,521,000	23.1	\$6,578,000
1975	\$65,000	1.0	\$2,596,000	39.0	\$821,000	12.3	\$423,000	6.4	\$2,753,000	41.3	\$6,658,000
1976	\$276,000	2.0	\$8,626,000	63.2	\$818,000	6.0	\$1,879,000	13.8	\$2,040,000	15.0	\$13,639,000
1977	\$525,000	2.4	\$13,274,000	61.8	\$933,000	4.3	\$772,000	3.6	\$5,991,000	27.9	\$21,495,000
1978	\$667,000	2.0	\$26,128,000	80.3	\$1,388,000	4.3	\$2,154,000	6.6	\$2,217,000	6.8	\$32,554,000
1979	\$625,000	4.3	\$8,094,000	55.2	\$1,658,000	11.3	\$89,000	0.6	\$4,201,000	28.6	\$14,667,000
1980	\$417,000	3.2	\$7,932,000	61.6	\$902,000	7.0	\$2,114,000	16.4	\$1,516,000	11.8	\$12,881,000
1981	\$422,000	2.6	\$11,071,000	67.9	\$2,638,000	16.2	\$179,000	1.1	\$2,005,000	12.3	\$16,315,000
1982	\$753,000	2.1	\$25,029,000	69.0	\$4,139,000	11.4	\$515,000	1.4	\$5,851,000	16.1	\$36,287,000
1983	\$585,000	2.0	\$23,841,000	81.5	\$1,603,000	5.5	\$38,000	0.1	\$3,195,000	10.9	\$29,262,000
1984	\$311,990	1.8	\$12,445,633	71.8	\$2,041,480	11.8	\$522,419	3.0	\$2,007,827	11.6	\$17,329,349
1985	\$799,173	2.3	\$27,479,840	80.0	\$3,358,083	9.8	\$57,440	0.2	\$2,646,553	7.7	\$34,341,089
1986	\$881,356	1.9	\$37,665,832	83.3	\$2,838,881	6.3	\$698,527	1.5	\$3,123,485	6.9	\$45,208,081
1987	\$1,609,681	1.6	\$96,331,886	94.9	\$2,368,968	2.3	\$84,547	0.1	\$1,115,477	1.1	\$101,510,559
1988	\$1,204,321	1.0	\$111,102,230	91.2	\$4,731,340	3.9	\$650,309	0.5	\$4,113,356	3.4	\$121,801,556
1989	\$803,494	1.4	\$56,194,753	95.0	\$1,674,393	2.8	\$86,012	0.1	\$415,535	0.7	\$59,174,187
1990	\$436,822	1.1	\$35,804,485	88.0	\$2,419,202	5.3	\$512,590	1.3	\$1,495,827	3.7	\$40,668,906
1991	\$348,553	2.3	\$12,259,753	80.4	\$1,996,348	13.1	\$5,472	0.0	\$643,392	4.2	\$15,253,518
1992	\$634,383	0.6	\$96,038,337	96.0	\$2,262,323	2.3	\$404,990	0.4	\$740,618	0.7	\$100,080,651
1993	\$462,819	1.5	\$27,969,409	93.6	\$1,081,175	3.6	\$36,935	0.1	\$322,205	1.1	\$29,872,543
1994	\$642,242	1.9	\$29,432,768	85.5	\$3,297,621	9.6	\$240,462	0.7	\$830,857	2.4	\$34,443,950

Appendix A.9. Commercial herring harvest by fishery, Upper Cook Inlet, 1973-1994.

Harvest (Tons)				
Year	Eastside	Chinitna Bay	Tuxedni Bay	Total
1973	13.8	0	0	13.8
1974	36.7	0	0	36.7
1975	6.2	0	0	6.2
1976	5.8	0	0	5.8
1977	17.3	0	0	17.3
1978	8.3	55.3	0	63.6
1979	67.3	96.2	24.8	188.3
1980	37.4	20.0	86.5	143.9
1981	86.2	50.5	84.9	221.6
1982	60.2	91.8	50.2	202.2
1983	165.3	49.2	238.2	452.7
1984	117.5	90.6	159.0	367.1
1985	121.7	47.4	220.5	389.6
1986	178.9	111.1	191.9	481.9
1987	130.5	65.1	152.5	348.1
1988	50.7	23.4	14.1	88.2
1989	55.2	122.3	34.3	211.7
1990	55.4	55.9	16.1	127.4
1991	13.4	15.7	1.6	30.7
1992	24.7	10.4	0	35.2
1993	0	0	0	0
1994	0	0	0	0

Appendix A.10. Commercial harvest of razor clams in Cook Inlet, 1919-1994.

Year	Pounds	Year	Pounds
1919	76,963	1959	0
1919	76,963	1960	372,872
1920	11,952	1961	277,830
1921	72,000	1962	195,650
1922	510,432	1963	0
1923	470,280	1964	0
1924	156,768	1965	0
1925	0	1966	0
1926	0	1967	0
1927	25,248	1968	0
1928	0	1969	0
1929	0	1970	0
1930	0	1971	14,755
1931	No Record	1972	31,360
1932	93,840	1973	34,415
1933	No Record	1974	0
1934	No Record	1975	10,020
1935	No Record	1976	0
1936	No Record	1977	1,762
1937	8,328	1978	45,931
1938	No Record	1979	144,358
1939	No Record	1980	140,420
1940	No Record	1981	441,949
1941	0	1982	460,639
1942	0	1983	269,618
1943	0	1984	261,742
1944	0	1985	319,034
1945	15,000	1986	258,632
1946	11,424	1987	312,349
1947	11,976	1988	392,610
1948	2,160	1989	222,747
1949	9,672	1990	323,602
1950	304,073	1991	201,320
1951	112,320	1992	296,727
1952	0	1993	310,289
1953	0	1994	355,165
1954	0		
1955	0		
1956	0		
1957	0		
1958	0		

Appendix A.11. Escapement goals and counts of sockeye salmon in selected streams of Upper Cook Inlet, 1968-1994.

Year	Kenai River		Kasilof River		Fish Creek	
	Escapement Goal	Escapement Estimate ¹	Escapement Goal	Escapement Estimate ¹	Escapement Goal	Escapement Estimate ²
1968	0	88,000	0	93,000	0	19,616
1969	150,000	53,000	75,000	46,000	0	12,456
1970	150,000	73,000	75,000	37,000	0	25,000
1971	150,000	--	75,000	--	0	31,900
1972	150,000-250,000	318,000	75,000-150,000	112,000	0	6,981
1973	150,000-250,000	367,000	75,000-150,000	40,000	0	2,705
1974	150,000-250,000	161,000	75,000-150,000	64,000	0	16,225
1975	150,000-250,000	142,000	75,000-150,000	48,000	0	29,882
1976	150,000-250,000	380,000	75,000-150,000	140,000	0	14,032
1977	150,000-250,000	708,000	75,000-150,000	155,000	0	5,183
1978	350,000-500,000	399,000	75,000-150,000	117,000	0	3,555
1979	350,000-500,000	285,000	75,000-150,000	152,000	0	68,739
1980	350,000-500,000	464,000	75,000-150,000	187,000	0	62,828
1981	350,000-500,000	408,000	75,000-150,000	257,000	0	50,479
1982	350,000-500,000	620,000	75,000-150,000	180,000	50,000	28,164
1983	350,000-500,000	630,000	75,000-150,000	210,000	50,000	118,797
1984	350,000-500,000	345,000	75,000-150,000	232,000	50,000	192,352
1985	350,000-500,000	501,000	75,000-150,000	503,000	50,000	68,577
1986	350,000-500,000	501,000	150,000-250,000	276,000	50,000	29,800
1987	400,000-700,000	1,597,000	150,000-250,000	249,000	50,000	91,215
1988	400,000-700,000	1,021,500	150,000-250,000	202,000	50,000	71,603
1989	400,000-700,000	1,599,959	150,000-250,000	158,206	50,000	67,224
1990	400,000-700,000	658,908	150,000-250,000	144,289	50,000	50,000
1991	400,000-700,000	645,000	150,000-250,000	238,000	50,000	50,500
1992	400,000-700,000	994,760	150,000-250,000	183,178	50,000	71,385
1993	400,000-700,000	813,617	150,000-250,000	149,939	50,000	117,619
1994	400,000-700,000	1,003,446	150,000-250,000	205,117	50,000	95,107

Year	Susitna River		Crescent River		Packers Creek	
	Escapement Goal	Escapement Estimate ¹	Escapement Goal	Escapement Estimate ¹	Escapement Goal	Escapement Estimate ²
1978	200,000	94,000	0	N/C	0	N/C
1979	200,000	157,000	50,000	87,000	0	N/C
1980	200,000	191,000	50,000	91,000	0	16,477
1981	200,000	340,000	50,000	41,000	0	13,024
1982	200,000	216,000 ³	50,000	59,000	0	15,687
1983	200,000	112,000 ⁴	50,000	92,000	0	18,403
1984	200,000	194,000 ⁵	50,000	118,000	0	30,684
1985	200,000	228,000 ⁵	50,000	129,000	0	36,850
1986	100,000-150,000 ⁶	92,000 ⁶	50,000-100,000	N/A	0	29,604
1987	100,000-150,000 ⁶	66,000 ⁶	50,000-100,000	119,000	0	35,401
1988	100,000-150,000 ⁶	52,347 ⁶	50,000-100,000	57,716	15,000-25,000	18,607
1989	100,000-150,000 ⁶	96,269 ⁶	50,000-100,000	71,064	15,000-25,000	22,304
1990	100,000-150,000 ⁶	140,379 ⁶	50,000-100,000	52,180	15,000-25,000	31,868
1991	100,000-150,000 ⁶	105,000 ⁶	50,000-100,000	44,500	15,000-25,000	41,275
1992	100,000-150,000 ⁶	66,057 ⁶	50,000-100,000	58,227	15,000-25,000	28,361
1993	100,000-150,000 ⁶	141,694 ⁶	50,000-100,000	37,556	15,000-25,000	40,869
1994	100,000-150,000 ⁶	128,032 ⁶	50,000-100,000	30,355	15,000-25,000	30,788

¹ Derived from sonar counters unless otherwise noted.

² Weir counts.

³ Poor field conditions make this a minimum estimate; mark/recapture estimate from Su-Hydro studies was 265,000.

⁴ Minimum estimate. Combining Yentna sonar with Sunshine Station mark/recapture estimate yields 176,000.

⁵ Yentna River sonar count combined with Sunshine Station mark/recapture estimate.

⁶ Yentna River only.

Appendix A.12. Average price paid for commercially harvested salmon, Upper Cook Inlet, 1969-1994.¹

Year	Chinook	Sockeye	Coho	Pink	Chum
1969	0.38	0.28	0.19	0.14	0.12
1970	0.40	0.28	0.25	0.14	0.14
1971	0.37	0.30	0.21	0.15	0.15
1972	0.47	0.34	0.27	0.19	0.20
1973	0.62	0.65	0.50	0.30	0.42
1974	0.88	0.91	0.66	0.46	0.53
1975	0.54	0.63	0.54	0.35	0.41
1976	0.92	0.76	0.61	0.37	0.54
1977	1.26	0.86	0.72	0.38	0.61
1978	1.16	1.32	0.99	0.34	0.51
1979	1.63	1.41	0.98	0.34	0.88
1980	1.15	0.85	0.57	0.34	0.53
1981	1.46	1.20	0.83	0.38	0.65
1982	1.27	1.10	0.72	0.18	0.49
1983	0.97	0.74	0.45	0.18	0.36
1984	1.08	1.00	0.64	0.21	0.39
1985	1.20	1.20	0.70	0.20	0.45
1986	0.90	1.40	0.60	0.15	0.38
1987	1.40	1.50	0.80	0.22	0.45
1988	1.30	2.47	1.20	0.37	0.76
1989	1.25	1.70	0.75	0.40	0.47
1990	1.20	1.55	0.75	0.25	0.60
1991	1.20	1.00	0.77	0.12	0.35
1992	1.50	1.60	0.75	0.15	0.40
1993	1.20	1.00	0.60	0.12	0.45
1994	1.00	1.45	0.80	0.12	0.40

¹ Expressed as dollars paid per pound.

Data Source: 1969-1983 - Commercial Fisheries Entry Commission.

1984-1994 - Random fish-ticket averages, does not include bonuses or post-season adjustments.

Appendix A.13. Average weight¹ (in pounds) of commercially harvested salmon, Upper Cook Inlet, 1969-1994.

Year	Chinook	Sockeye	Coho	Pink	Chum
1969	17.11	6.69	7.00	3.91	7.30
1970	26.81	5.80	6.80	4.00	7.18
1971	25.91	6.55	6.52	3.44	9.26
1972	29.68	6.23	6.28	4.00	6.67
1973	37.62	7.41	6.11	3.71	7.61
1974	36.13	6.79	6.38	4.13	7.22
1975	24.75	6.09	6.83	3.56	7.05
1976	27.43	6.85	6.43	4.03	8.05
1977	28.11	7.55	6.72	3.65	7.97
1978	32.96	7.56	6.36	3.75	7.60
1979	27.52	6.21	6.31	3.32	7.34
1980	26.14	5.93	5.76	3.48	7.33
1981	23.75	6.42	6.53	3.52	7.66
1982	28.80	7.01	7.14	3.89	8.24
1983	29.51	6.43	6.89	3.27	7.75
1984	28.61	5.91	7.08	4.03	7.58
1985	27.65	5.64	7.19	3.27	7.61
1986	25.91	5.77	6.41	3.72	7.42
1987	28.99	6.73	6.57	3.50	7.10
1988	29.67	6.61	7.05	3.74	7.67
1989	24.04	6.60	6.58	3.19	7.25
1990	22.60	6.41	6.45	3.40	7.10
1991	21.46	5.63	6.09	3.11	6.56
1992	24.63	6.59	6.43	3.88	6.75
1993	27.47	5.88	5.87	3.05	5.83
1994	31.70	5.69	7.10	3.85	6.94
Average	27.50	6.42	6.57	3.63	7.39

¹ Total poundage-divided-by-numbers of fish from fish ticket totals.

Appendix A.14. Registered units of gillnet fishing effort by gear type in Cook Inlet, 1960-1994.¹

Year	Drift			Set			Total
	Resident	Non-Resident	Sub-total	Resident	Non-Resident	Sub-total	
1960	221	67	288	511	59	570	858
1961	279	93	372	564	22	586	958
1962	260	112	372	589	28	617	989
1963	333	139	472	626	34	660	1,132
1964	323	145	468	596	35	631	1,099
1965	329	145	474	556	34	590	1,064
1966	328	176	504	580	48	628	1,132
1967	350	186	536	554	50	604	1,140
1968	407	204	611	638	43	681	1,292
1969	497	208	687	686	42	728	1,415
1970	537	220	757	707	65	772	1,529
1971	519	191	710	693	38	731	1,441
1972	419	152	571	672	35	701	1,272
1973	516	146	662	632	43	775	1,437
1974	458	150	608	764	39	803	1,411
1975	291	162	453	613	44	657	1,110
1976	343	171	514	669	42	711	1,225
1977	360	179	539	690	41	731	1,270
1978	366	183	549	698	44	742	1,291
1979	372	182	554	700	44	744	1,298
1980	373	179	554	697	47	744	1,298
1981	414	185	599	688	59	747	1,346
1982	416	175	591	697	51	748	1,339
1983	417	170	587	685	60	745	1,332
1984	426	162	588	672	72	744	1,332
1985	420	170	590	666	65	731	1,321
1986	436	178	614	682	76	758	1,372
1987	422	164	586	666	77	743	1,329
1988	421	163	584	659	82	741	1,325
1989	420	165	585	648	95	743	1,328
1990	408	174	585	648	97	745	1,330
1991	414	168	582	643	98	741	1,323
1992	405	178	583	638	107	745	1,328
1993	400	182	582	634	106	740	1,322
1994	392	187	579	620	117	737	1,316

¹ Source: 1960-74 ADF&G unpublished reports, 1975-94 Commercial Fisheries Entry Commission

Appendix A.15. Forecast¹ and projected² commercial harvests of salmon by species, Upper Cook Inlet, 1984-1994.

Year	Sockeye			Coho			Pink			Chum			Chinook			
	Forecast	Actual	Error	Projected	Actual	Error	Projected	Actual	Error	Projected	Actual	Error	Projected	Actual	Error	
1984	2,200,000	2,102,767	- 4%	250,000	442,619	+77%	1,700,000	622,510	-63%	350,000	684,124	+95%	14,000	8,819	-37%	
1985	3,700,000	4,060,260	+10%	250,000	667,213	+167%	112,500	87,828	-22%	700,000	772,829	+10%	17,500	24,086	+38%	
1986	4,200,000	4,787,982	+14%	450,000	756,830	+68%	1,250,000	1,299,360	+ 4%	900,000	1,134,173	+26%	32,500	39,240	+21%	
1987	4,800,000	9,500,186	+98%	500,000	451,404	-10%	150,000	109,801	-27%	1,000,000	349,132	-65%	30,000	39,661	+32%	
1988	5,300,000	6,834,342	+29%	400,000	560,022	+40%	400,000	469,972	+17%	800,000	708,573	-11%	35,000	29,060	-17%	
1989	2,500,000	5,010,698	+100%	400,000	339,201	-15%	100,000	67,430	-33%	800,000	122,027	-85%	30,000	26,742	-11%	
1990	4,300,000	3,604,064	-16%	250,000	500,026	+100%	600,000	603,630	+1%	400,000	351,197	-12%	25,000	16,105	-36%	
1991	3,200,000	2,177,576	-32%	400,000	425,724	+6%	90,000	14,663	-84%	500,000	280,223	-44%	20,000	13,535	-32%	
1992	3,600,000	9,108,340	+153%	400,000	468,911	+17%	400,000	695,859	+74%	350,000	274,303	-22%	20,000	17,171	-14%	
1993	2,500,000	4,754,698	+90%	450,000	306,822	-32%	25,000	100,918	+304%	350,000	122,767	-65%	15,000	18,719	+25%	
1994	2,000,000	3,567,392	+78%	400,000	580,567	+45%	600,000	520,481	-13%	250,000	299,300	+20%	15,000	20,260	+35%	
1995	2,700,000			400,000			100,000			250,000			15,000			
Average Error (unsigned)			57%				52%				58%				41%	27%

¹ Harvest forecasts have typically been prepared using average return per spawner values, parent-year escapements and average marine maturity schedules or time series modeling tempered by available juvenile production data or combinations of these data sets.

² Harvest projections are prepared using subjective estimates of parent-year escapements, gross trends in harvest and expected intensity of fishery.

Appendix A.16. Subsistence and personal use salmon harvest, Upper Cook Inlet, 1980-1994.

Fishery	No. of Permits	Chinook	Sockeye	Coho	Pink	Chum
<u>Tyonek Subsistence</u>						
1980	67	1,936	262	0	0	0
1981	70	2,002	269	64	32	15
1982	69	1,565	209	113	15	4
1983	75	2,750	185	40	0	2
1984	75	2,354	310	66	3	23
1985	76	1,720	44	8	0	10
1986	65	1,523	198	210	45	44
1987	64	1,552	161	149	5	24
1988	47	1,474	52	185	6	9
1989	49	1,314	67	175	0	1
1990	42	797	92	366	124	10
1991	57	1,105	25	80	0	0
1992	57	905	74	234	7	19
1993	53	1,247	43	36	11	9
1994	49	840	41	111	0	22
<u>Non-Commercial Gillnet</u>						
1981	1,108	68	466	12,713	149	305
<u>Kasilof Personal Use</u>						
1982	649	372	7,543	24	17	0
1983	684	307	8,846	0	0	0
1984	698	165	12,926	0	0	0
1985	692	203	10,746	0	0	0
1986	N/A	168	9,609	0	0	0
1987	N/A	184	9,375	0	0	0
1988	N/A	118	9,803	0	0	0
1989	N/A	186	9,928	0	0	0
1990	N/A	133	7,123	0	0	0
1991	N/A	34	8,380	0	0	0
1993	N/A	47	7,942	0	0	0
<u>Fall Coho Personal Use/Subsistence</u>						
1983	295	0	0	712	0	0
1984	309	1	2	2,261	10	7
1985	998	50	805	11,265	108	53
1986	892	0	0	2,422	0	0
1987	486	8	9	2,213	2	37
1988	449	2	19	2,662	38	10
1989	365	0	0	2,376	0	0
1990	420	0	0	2,290	0	0
1991	360	0	0	2,703	0	8
1993	535	0	0	1,168	23	0
<u>Northern/Central Districts Subsistence</u>						
1985	638	117	2,218	1,427	90	121
1991	7,065	550	32,230	3,520	537	1,598
1992	9,200	1,139	46,419	10,320	1,818	1,827
1994	10,127	1,501	53,333	12,181	2,975	1,729
<u>Knik Arm Subsistence</u>						
1985	405	4	1,649	2,055	48	212