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Alaska Department of Fish and Game
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Catch and Escapement Statistics for Copper River, Bering River, and Prince William Sound Salmon, 1985

by
Sam Sharr
and
Carol Peckham

State of Alaska Steve Cowper, Governor

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ABSTRACT

Abundance data are summarized for 1985 returns of sockeye salmon (*Oncorhynchus nerka*), chinook salmon (*O. tshawytscha*), coho salmon (*O. kisutch)*, pink salmon (*O. gorbuscha)*, and chum salmon (*O. keta)* returns to the Copper and Bering River Districts and the districts of Prince William Sound. Age sex and size data are summarized for returns of sockeye, chinook, and coho salmon to the Copper and Bering River area and for returns of sockeye, coho and chum salmon to the Prince William Sound area.

Sockeye salmon were the most numerous species in the catch in the Copper River District gill net fishery and they were predominantly fish aged 1.3 with lesser but significant numbers of fish aged 2.3, 0.3, and 1.2. In the Copper River District catches of fish aged 2.3 and 0.3 were greatest early in the season and catches of fish aged 1.2 were greatest late in the season. Catches in the Bering River District were predominantly fish aged 1.3 with a lesser but significant portion of fish aged 2.3. Fish aged 1.3 were even more predominate in the upper Copper River fisheries catches and upriver escapement than in the Copper River District gill net catch; the portion aged 1.2 was greater; the portion aged 0.3 was smaller and; the portion aged 2.3 was greatest in the middle strata rather than in the early strata. Coastal escapements in the Copper delta and Bering River drainage were approximately equal portions of fish aged 1.3 and 1.2 with lesser but significant portions of fish aged 0.2 and 1.1. Chinook salmon catches in the Copper and Bering River Districts were mostly fish aged 1.4 and 1.3. Coho salmon catches in the Copper and Bering River Districts were predominantly aged 2.1 and 1.1. In the Copper River District fish aged 2.1 were slighlty outnumbered by fish aged 1.1 in the first half of the season but strongly predominated in the latter half. In the Bering River District fish aged 2.1 predominated throughout the season.

Sockeye salmon in the gill net fisheries in the Coghill and Unakwik fisheries were predominantly fish aged 1.3. Sockeye salmon in the purse seine fisheries were also predominantly fish aged 1.3 but other age groups, particularly fish aged 1.2 and 2.2, contributed significantly to these catches. Chum salmon catches in Prince William Sound were largest in the purse seine fisheries of the Eastern, Northern and Southwestern Districts. Catches in all districts were predominantly four year old fish. Pink salmon were the most numerous species in the combined catch in Prince William Sound; most were caught in purse seines and; the catches were largest at the southwest entrance to the Sound.

KEY WORDS: Sockeye, chinook, coho, pink, chum salmon, Copper River, Bering River, Prince William Sound, catch, escapement, age composition

INTRODUCTION

The Copper River, Bering River and, Prince William Sound management areas encompass coastal waters and associated inland watersheds on the Gulf of Alaska between Cape Suckling on the east and Cape Fairfield on the west and are divided into 11 fishing districts (Figures 1 and 2). The Copper River District (212) and the Bering River District (200) lie to the east of Hook Point, Hinchinbrook Island and have historically been treated as a discrete area (Copper/Bering). Prince William Sound proper (PWS) lies to the west of Hook Point and includes the Eastern (221), Northern (222), Unakwik (222-50), Coghill (223), Northwestern (224), Eshamy (225), Southwestern (226), Montague (227) and Southeastern (228) Districts. Commercial catches constituted the majority of the salmon harvested in all districts. However, there were also large subsistence and personal use fisheries in the Copper River District and salmon sport fisheries in both areas.

The commercial fisheries in the Copper and Bering districts are drift gill net fisheries. Sockeye salmon (*Oncorhynchus nerka*), chinook salmon (*O. tshawytscha*) and, coho salmon (*O. kisutch*) are the predominant species in the catch in District 212; sockeye and coho salmon are the predominant species in the catch in District 200. Pink salmon (*O. gorbuscha*) and chum salmon (*O. keta*) are incidental in the catches in both districts.

Salmon which escape the commercial fisheries in Copper/Bering River fisheries are destined for the extensive interior drainage of the upper Copper River (upriver) and the numerous small coastal streams in the Copper River delta and Bering River watersheds (delta/Bering). Sockeye salmon spawn in all three areas, coho salmon spawn primarily in the coastal watersheds and, chinook salmon spawn exclusively in the upriver area. The upriver escapement of salmon from the commercial fishery is subject to a significant additional harvest in freshwater subsistence and personal use fisheries and both the upriver and delta/Bering escapements support small sport fisheries.

The subsistence fish wheel fishery on the upper Copper River extends from Chitina to Slana (Figure 3.). The upriver personal use dip net and fish wheel fisheries are restricted to few miles of the Copper River in the vicinity of Chitina. Both fisheries harvest significant numbers of sockeye salmon and lesser numbers of chinook and coho salmon in the upper Copper River salmon escapement from the commercial fisheries in the Copper and Bering River Districts. Subsistence fishing is permited in the commercial fishing zones but catches are very small.

In Prince William Sound there are purse seine fisheries in all districts except the Eshamy District (225); there are drift gill net fisheries in the Coghill District (223) and the Unakwik District (222-50) and; there are concurrent drift and set gill net fisheries in the Eshamy District (225). Pink salmon and chum salmon are the predominant species in the purse seine catch, but there are significant incidental catches of sockeye salmon. The gill net catches are much smaller than the purse seine catches and though the gill net fisheries have traditionally been sockeye salmon fisheries, pink and chum salmon have become more numerous in the catches in recent years with the advent of large hatchery returns of those species. The catches of chinook and coho salmon in Prince William Sound are incidental and small.

Pink and chum salmon of wild stock origin which escape the commercial fisheries in Prince William Sound are destined for a multitude of small coastal streams on mainland and the numerous islands of Prince William Sound. Hatchery returns of pink salmon originate from the Armin F. Koernig (A.F.K.), Valdez Fisheries Developement Association (VFDA), Cannery Creek, and Main Bay hatcheries (Figure 1). The former two are private, non-profit hatcheries, while the latter two are State of Alaska facilities run by the ADF&G Fisheries Rehabilitation, Enhancement, and Developement (FRED) Division. Hatchery returns of chum salmon are mostly to the Main Bay Hatchery. The majority of the sockeye escapements in Prince William Sound are to Coghill Lake and Eshamy Lake. However there are several other spawning areas, most notably Cowpen and Miners Lake in the Unakwik District.

Sport catches in the Copper/Bering and PWS areas are small relative to catches in the other fisheries. The fishery in Copper/Bering area is mostly for chinook and sockeye salmon in the freshwater drainages of the upper Copper River and for coho and sockeye salmon in a few delta streams. Pink salmon and coho salmon predominate in the sport catches in PWS and most were caught in salt water. There is also considerable effort for sockeye salmon in Coghill River and Eshamy Creek.

Adequate management of salmon resources requires knowledge of certain fundamental parameters of each contributing population or stock. To maintain stocks at levels capable of producing optimal yield, it is necessary to assess the magnitude of the harvest and the breeding population (spawning escapement) and the age, sex, and size composition of both.

The Alaska Department of Fish and Game (ADF&G) maintains resource monitoring programs to collect these data for both the fisheries and contributing spawning populations in the Copper/Bering River and Prince William Sound areas. The objective of this report is to present the base-line population statistics for the 1985 inshore return of salmon to the Copper/Bering River and Prince William Sound areas. The report builds upon the data base established by Sharr et al. (1985). Abundance and age composition are summarized by species for each sampled fishery and escapement. Detailed information for each fishery are presented in the Appendices.

METHODS

Catches

Catches and fishing effort by fishing period and by fishing district (or subdstrict) were tabulated from information supplied by fishermen and processors through sales receipts called "fish tickets". Because the dollar value of each landing is a function of ex-vessel price and weight of the landing, processors often did not count fish in each sale, but estimated the number caught in each landing by dividing landing weight by an estimated mean weight of fish by species. There is some variance associated with the estimates of mean weight consequently there is also some variance in estimates of numbers caught. Because the mean weight and its variance were

not reported on fish tickets, estimated numbers caught were treated as counts without variance for this report.

Catch in the subsistence and personal use fisheries are the sums of catches recorded on returned fishery permits as of May, 1985. These catch figures are preliminary and may differ slightly form final published figures (Ken Roberson, ADF&G, Glenallen, AK, personal communication).

Catches in all sport fisheries were estimated from postal surveys, and the estimates were checked and validated with creel census data from selected fisheries (Mills, 1987).

Escapements

The salmon stocks of the Copper/Bering River and Prince William Sound areas for which escapement data were available were grouped into runs according to the major spawning areas. In the Copper/Bering area there are two runs: 1) the upriver run which applies to sockeye and chinook salmon and consists of all major stocks which spawn in the upper Copper River watershed upstream of Miles Lake and; 2) the delta/Bering run which applies to sockeye and coho salmon and consists of all major stocks which spawn in the coastal lakes and streams of the Copper River delta and Bering River watersheds. In PWS the numerous pink and chum salmon stocks were grouped by district. The sockeye escapements to Eshamy and Coghill Lakes were treated separately.

The upriver escapement of sockeye salmon from the Copper/Bering commercial fishery was estimated with hydroacoustic gear at Miles Lake (Figure 2, Brady 1986). Escapement to Long Lake was included in this upriver escapement estimate and was also enumerated through a weir. The relative contributions of many of the other numerous stocks which contribute to the total upper Copper River escapement were assessed through periodic aerial surveys.

The estimate of the delta/Bering component of the Copper/Bering escapement of sockeye and coho salmon was based on peak counts from periodic aerial surveys of selected spawning sites and weir counts from Tokun Lake. Aerial survey counts are only intended to be indices of the relative escapements between stocks and between years and were used to make escapement estimates only because no other data were available.

Description of Sampling Procedures

Fish were sampled to determine their age and sex and to measure their length. One scale was collected from each sampled sockeye, chum, and coho salmon, and three scales were collected from each sampled chinook salmon. Pink salmon were not sampled. Scales were taken from the left side of the body two rows above the lateral line along the diagonal scale row running from the posterior base of the dorsal fin to the anterior base of the anal fin (INPFC 1963). Scales were mounted on gum cards and impressions made in cellulose acetate (Clutter and Whitsel 1956). Whenever marine growth zones on scales had been resorbed marine age was determined using the Peterson method of

length frequency analysis (Tesch 1970). Length was measured from the middle of the eye to the fork of the tail. Sex was determined from morphological characteristics of live fish and, when permitted, gonadal inspection of dead ones.

Sampling Catches

This section details catch sampling methods. Catches are grouped into those which occur in the commercial fisheries of the Copper/Bering River and Prince William Sound areas and those which occur in the subsistence fisheries on the upper Copper River. Sport fish catches were not sampled.

Commercial Fisheries

Age and sex compositions of the season's catch for each combination of species, gear, and fishing district were estimated with stratified systematic sampling programs according to Cochran (1977). Each sampling stratum is a combination of contiguous fishing periods grouped so that all strata will have similar catches; dates for strata were selected before the season began according to catch trends from past years. The number of strata was selected according to the rapidity of change in age composition as estimated in previous years; catches for which there were no valid estimates of age and sex composition in previous years were divided into three or four strata to expose moderate time trends. Whenever possible, one sample was taken in the middle of each stratum with sufficient numbers of fish to simultaneously estimate the proportion of each major age class in the catch within $\pm$ 5 percentage points of the true percentage 90% of the time. Whenever possible, the sample for each stratum was taken within a single day. The fish for each sample were selected systematically in the canneries without regard to tender or subdistrict of capture. Sharr (1983) showed no differences in age composition among the tender loads from subdistricts within District 212 in 1982. The catches of sockeye salmon in the Bering River District were mostly from the area to the east of Kayak Island (Subdistrict 30). Consequently, all sampled catches were from that area. Coho salmon catches were predominantly from the more nearshore waters to the west (subdistrict 10 and 20) of the and sampled catches were from those waters.

Age compositions were estimated with procedures outlined in Cochran (1977) for stratified sampling programs:

$$C_{tj} = C_t P_{tj} \qquad V[C_{tj}] = (C_t)2 \; \frac{P_{tj}(P_{tj} - 1)}{N_t - 1}$$

$$C_j = \sum_{t=1}^{T} C_{tj} \qquad V[C_j] = \sum_{t=1}^{T} V[C_{tj}]$$

where C_t is the number of fish caught during stratum t, P_{tj} is the fraction of the sample taken during stratum t that is age j, N_t is the sample size during stratum t, C_{tj} is the estimated number of fish of age j caught during stratum t, T is the number of strata, and C_j is the estimate of the number of fish of age j caught during the season. The correction factor for finite populations were not included in the above equations because sample sizes were small relative to catches.

Subsistence Fisheries

Age and sex composition of the season's catch of sockeye salmon in the subsistence fishery on the Copper River was estimated with a stratified systematic sampling program. Because there were no demonstrable differences in age composition between samples from the fish wheel and dip net fisheries; samples from these two gear types were pooled. Age, sex and size samples collected from these fisheries were assumed to be representative of both the removal by these fisheries and the escapement past them. Because the age and sex composition data were also treated as escapement data for the upriver run, strata were based on a combination of catch projections by fishing period and migratory timing data for important upriver stocks (Merritt and Roberson 1983). The formulas for estimating the number of fish by age in the commercial catches with stratified sampling data were also applied to the subsistence catches. Because few chinook and coho salmon were caught, age, size, and sex compositions of these catches were not estimated.

Sampling Escapements

This section details the various methods used to sample salmon escapements. Only sockeye salmon escapements were sampled and sampling methods varied between escapements to the upper Copper River, escapements to the Copper River Delta and Bering River coastal drainages, and escapements in Prince William Sound. Where systematic stratified sampling programs were in place, the formulas used to estimate the commercial catch by age with stratafied sampling data were used except that escapement was substituted for catch.

Copper/Bering River Area

The stratified age, sex, and size composition estimates of the catch from the subsistence fishery on the Copper River were also used as estimates of these statistics for the escapement to the upper Copper River and were applied to sonar counts from Miles Lake. Strata in daily sonar estimates of escapement were constructed to conform to the strata in the subsistence catches, but the dates were shifted to account for fish travel time in the river between Miles Lake and Chitina. Mean travel times were approximated from a linear regression of travel rate against date as calculated from tagging data (Merritt and Roberson 1983). Based on tagging data, a significant portion of the last stratum are fish destined for Long Lake (Merritt and Roberson 1983), and because this stock is probably not represented in the samples from the subsistence and personal use fisheries, the escapement by age for the last stratum were calculated as follows:

(1) Long Lake weir counts were subtracted from the sonar counts in the last stratum and the numbers of fish by age in the remainder were estimated using age composition data from the upriver fisheries.

(2) Data from a single sample stratum at the weir were used to estimate the number of fish by age in the Long Lake weir counts.

(3) The two escapement estimates by age were summed.

The logistics of visiting numerous, isolated watersheds in the coastal areas around the Copper River delta and around the Bering River watershed precluded direct counting of escapements as well as the implementation of stratified sampling programs to estimate age, sex, and size composition. For these sites, aerial survey data and data from simple systematic sampling programs were used to estimate escapement by sex and age as follows:

$$E_j = A_m Q_j \qquad V[E_j] = (A_m)^2 \frac{Q_j(1-Q_j)}{N-1}$$

where E_j is the season's escapement of fish of age j, A_m is the peak number counted on the spawning grounds during aerial surveys, Q_j is the estimate of the portion of the escapement of age j pooled over one or two sampling trips to the spawning grounds, and N is the number of fish sampled in all sampling trips to the spawning grounds. Because counts of escapements to these areas are not available, the peak counts of fish on the spawning grounds from aerial surveys were used to expand age proportions into crude estimates of numbers by age. The age, sex, and size composition of the sockeye salmon escapement to Tokun Lake was estimated with data from weir counts and from a stratified sampling program at the weir.

Age, sex, and size compositions of escapements of chinook and coho to the upper Copper River and the coastal drainages were not estimated.

Prince William Sound

Stratified systematic sampling programs and counts through weirs were used to estimate the age, sex, and size compositions of escapements of sockeye salmon to Coghill and to Eshamy Rivers. Age, sex, and size compositions for escapements of chum salmon were not estimated.

RESULTS

Copper/Bering Rivers

This section details salmon catch and escapement data for in the Copper River District (212) and the Bering River District (200). The commercial,

subsistence, personal use, and sport fisheries in these districts share geographic proximity, occur simultaneously, and are all directed at stocks of sockeye, chinook, and coho salmon returning to the Copper/Bering River area. More detailed data on the commercial catches, subsistence and personal use catches, upriver escapements and coastal escapements in the Copper/Bering River area are in Appendices A, B, C and D, respectively. Available length data for salmon which returned to the Copper/Bering area are in Appendices F and G. Average weights of fish in the commercial catches are presented in Appendix H.

Sockeye Salmon

Of the 931,132 sockeye salmon in the commercial catch in the Copper River District 68.1% were aged 1.3, 12.5% were aged 2.3, 10.5 % were aged 0.3, 5.9% were aged 1.2 and, 3.0% were other ages (Tables 1 and 2). Catches peaked in the 27-28 May opening in the third week of fishing; declined by 50% the following week, continued to decline at a slighly slower but steady rate through June then, very gradually through July and August (Table 3, Figure 4). At the beginning of the season the catch was 58.4% fish aged 1.3, 24.0% fish aged 2.3, 16.4% fish aged 0.3, and the portion aged 1.2 was negligible (Figure 5, Appendix A). There was very little change in the age structure of the catch in the following 2 weeks. In the fourth week of fishing in late May the portion aged 1.3 began to increase. In the first week of June the portion aged 1.2 also began to increase conversely, the portions aged 2.3 and 0.3 began to decline. By the week ending 3 July the portions of the catch aged 1.3 and 1.2 had increased to 80.8% and 11.2% respectively, while the portions aged 2.3 and 0.3 had each declined to 2.4%. In the remaining catch stratum the portion aged 1.3 declined to 66.8% coincidental with a further increase of the portion aged 1.2 to 22.9%.

The District 200 fishery began later than in District 212 (10 June versus 13 May), was of shorter duration, and the catch was much smaller (Table 3, Figure 4). In recent years the largest sockeye salmon catches in this district have occurred in the waters to the east of Kayak Island. In the winter of 1984/85 the Board of Fisheries approved a new management plan for the Bering River District designed to address concerns about stock interceptions in the offshore area to the east of Kayak Island. To minimize interceptions of stocks destined for other areas, particularly the Situk River stock in the Yakutat area, the fishery in the Bering River District was opened a week earlier than was traditional. On 1 July, in response to escapement shortfalls and a fishery closure in the Situk River fishery, the area to the east of Kayak Island was closed for the season. The total sockeye salmon harvest in the Bering River District was 26,561 fish of which 20,974 came from the area to the east of Kayak Island and 5,587 came from the more nearshore waters west of Kayak Island in the Controller Bay, Bering River, and Katella areas. Even in the nearshore waters which remained open, catches of sockeye salmon were insignificant after 26 June. The catch from the east of Kayak Island was 79.9% fish aged 1.3; 9.7% fish aged 2.3; 4.8% fish aged 1.2; and the small remainder was distributed among several age groups (Table 2). From mid to late June there was a slight increase in the portion of the catch aged 2.3 and a slight decline in the portion aged 1.2 (Figure 5).

The subsistence and personal use fisheries on the upper Copper River began on 1 June. Of the 50,423 sockeye salmon caught over half were taken with dipnets (Table 4). As in the commercial fishery in the Copper River District, peak catches occured early in the season and the catches were predominantly fish aged 1.3 (Figures 5 and 6). The relative porportions and temporal trends among other age groups differed from those in the commercial fishery, however. Fish aged 0.3 were an insignificant portion of the Upriver catches after the first period, and the season total contribution was much smaller than in the commercial catch. The portion of season total catch in the upriver fishery aged 2.3 did not differ significantly from the commercial catch portion but was highest in the middle of the season. Although the portion of the upriver catch aged 1.2 did not increase through the season, as it did in the commercial harvest, the portion of the season total catch was very similar to that observed in the commercial harvest.

Almost half of the 4,752 sport caught of sockeye salmon in the upper Copper River were caught in the Gulkana River (Table 5). The sport catch of sockeye salmon in coastal areas of the Copper River District was much smaller and was restricted to a few easily accessible coastal escapements. No age or sex data were collected for sockeye salmon sport catches.

The estimated escapement of salmon past the Miles Lake was 436,313 fish (Table 6, Figure 7) most of which were sockeye salmon. Temporal trends in the upriver escapement (Figure 8) resembled the trends in the commercial catch in the Copper River District and in the upriver subsistence and personal use fisheries. The escapement spanned the period from mid-May to mid-August but was strongly skewed toward the early part of the run. The peak daily count of 31,456 fish occurred on 6 June and daily counts exceeded 10,000 fish from 3 June through 11 June. Counts decreased for the next week, randomly fluctuated in the 2,000 to 3,500 fish range for most of the remainder of June and the first week of July, surged into the 4,000 to 10,000 fish range for the next two weeks, were in the 2,000 to 3,000 fish range through the remainder of July, and became rapidly insignificant in the first few days of August (Figure 8, Appendix C). The sex and age and compositions of this escapement (Table 7 and Figures 7 and 8) were based on the samples from the upriver subsistence and personal use fishery. Within corresponding time lagged strata for the fishery and for the escapement age group porportions were identical (Figures 6 and 8), and despite the fact that the strata are weighted differently for these two samples, the season total age compositions were also almost identical (Appendices B and C).

Aerial survey data for the Copper River delta and Bering River spawning areas provided an estimate of their relative importance, but the combined escapement estimates of 146,043 fish to the delta and 26,200 fish to the Bering River drainage (Table 6, Appendix D) represents some unknown fraction of the actual escapement to those areas. Unlike the escapement to the upper Copper River, the escapements to the Copper River delta and Bering River areas were not dominated by fish aged 1.3 though they did contribute significantly, and fish aged 2.3 were almost absent in the coastal escapements (Table 7, Figure 7). Fish aged 1.3 and 1.2 constituted the majority of the escapement to the Copper River delta (37.7% and 37.0%, respectively), and fish aged 0.2 and 1.1 made a smaller but significant contributions (13.2% and 7.1%, respectively). In the Bering River area

escapements the portion aged 1.3 was not significantly different (35.0%), but the portion aged 1.2 was lower (27.4%). The portions of fish aged 0.2 and 1.1 were greater (20.7% and 11.2%, respectively).

Chinook Salmon

Most of the 42,333 chinook salmon caught in District 212 were harvested in the first 5 weeks of the season (13 May to 15 June) (Table 8, Figure 9). In the total catch, 61.1% were aged 1.4, 28.8% were aged 1.3, and the remaining 10.1% were fish in other age groups, most notably fish aged 1.2 (Table 9). Fish aged 1.4 were predominant throughout the season but the portion was greatest (71.3%) in the first week (12 to 18 May) of the fishery (71.3%) and lowest (approximately 55%) in the third and fourth weeks (26 May to 8 July). Conversely the portion aged 1.3 was lowest (19.6%) in the first week of fishing and highest (approximately 35%) in the third and fourth weeks. The portion of the catch aged 1.2 increased gradually from 2.6% in the first week to 10.8% by the fifth week.

Approximately 1,700 chinook salmon were caught in the subsistence and personal use fisheries on the upper Copper River, and of those, approximately 1,200 were caught in dip nets (Table 4). No information on the age composition of this catch is available.

Approximately 2,000 chinook salmon were caught in the sport fisheries on the upper Copper River drainage, mostly in the Gulkana River drainage (Table 5). No age composition data were collected for these catches.

Although there were some aerial surveys of the chinook salmon escapements from District 212 (Appendix C), there was no actual total escapement estimate. No age composition data were collected for these escapements.

Coho Salmon

Unlike the pattern in chinook and sockeye salmon fisheries in the Copper River District, most coho salmon were caught late in the season (Table 10, Figure 10). Before August, coho salmon were caught incidentally in the fishery for sockeye salmon; after August the fishery targeted on coho salmon. Of the 587,990 coho salmon caught in District 212, 54.2% were aged 2.1 and 41.3% were aged 1.1 (Table 11). While fish aged 1.1 were almost 60% of the small early August catches, that fraction declined to less than 25% by early September and was less than 20% in the late September sampling stratum (Figure 11). Conversely fish aged 2.1 which were numerically dominant in the season total catch were less than 50% of the catch in the August sampling strata. By early September during the peak of the fishery they were almost 70% of the catches. Fish aged 3.1 were a very insignificant fraction of the August catches but by season's end were almost 15% of the catch (Figure 11, Appendix A).

In the Bering River District the 418,488 fish catch of coho salmon was almost exclusively from the Katella and Controller Bay areas and was taken during the regular August and September coho season (Table 10, Figure 10). The age composition of the Bering River District catch was similar to the catch in

the Copper River District in September. Almost 70% were fish aged 2.1, and the fraction aged 3.1 increased from less than 5% to more than 12% through September (Figure 11, Appendix A).

Subsistence and personal use catches of coho salmon accounted for approximately 550 fish (Table 4). Fewer than 1000 fish were caught in area sport fisheries, primarily in the Eyak River and a few easily accessible coastal streams on the Copper River Delta (Table 5). These fisheries were not sampled for age, sex and size data.

Based on available aerial survey data, coho salmon escapement to the upper Copper River drainage appears to be insignificant (Appendix C). Aerial survey data for the Copper River delta and Bering River spawning areas (Appendix D) provided an estimate of their relative importance, but the combined escapement estimates of 93,210 fish to the delta and 80,500 fish to the Bering River drainage (Table 6) represent some unknown fractions of the actual escapements to those areas. No age and sex composition data are available for these coastal escapements of coho salmon.

Prince William Sound

This section details salmon catch and escapement data for the nine fishing districts in Prince William Sound (Disticts 221 - 228 and the Unakwik District). The fisheries in these districts share geographic proximity, occur simultaneously and are directed at salmon stocks of Prince William Sound origin. Chinook salmon are incidental in Prince William Sound catches and are not discussed in the text. More detailed data on the salmon catches and escapements in Prince William Sound are presented in Appendices E and F, respectively. Available length and weight data for salmon returning to the Prince William Sound are in Appendices G and H.

Sockeye Salmon

A total of 494,461 sockeye salmon were caught in Prince William Sound (Table 12). The gill net catch of 370,874 fish included 339,296 fish caught in the Coghill District, 27,532 fish caught in the Unakwik Subdistrict, and 4,106 fish caught in the Eshamy District. The Coghill District catch occurred from mid-June to early August and peaked in the week ending 6 July (Table 12, Figure 12). The catch was 79.0% fish aged 1.3, 9.2% fish aged 1.2, 6.1% fish aged 2.2, and 5.7% other age groups (Table 13). The portion of fish aged 1.3 declined slightly through the season from 83.0% in the fishing period ending 20 June to 75.4% by mid-July (Figure 13). There were no significant trends in other age groups. The much smaller catch in the Unakwik District was simultaneous with the peak catch in Coghill (Table 12, Figure 9) and the age composition was also very similar (Table 13). There was no significant change in the age composition of this catch through the short season (Figure 13).

Because of poor escapement to Eshamy Lake, there was no fishery for sockeye salmon in that district in 1985. The 4,106 fish caught were incidental catches in the Main Bay Subdistrict where there was a limited fishery for surplus pink and chum salmon returning to the the FRED Division hatchery.

The purse seine catch of 125,041 sockeye salmon began in early July and peaked in the week ending 27 July. Weekly catches were comparable from the second week in July through mid-August (Table 12, Figure 12). Approximately 62% of the sockeye salmon caught in the purse seine fishery were caught in the Southwestern District, 15% in the Eastern District, 9% in the Coghill District, 15% in the Eastern District, 5% in the Northern District, 5% in the Northwestern District and the remainder in the other districts. Fish aged 1.3, 2.2 and 1.2 comprised approximately equal portions of the entire seasons catch (34.7%, 31.4% and 27.5% respectively) but there were dramatic changes in the age composition through time (Figure 13). Fish aged 1.3 were approximately 50% of the catch through July, but that fraction dropped abruptly to 21% in early August and was less than 10% by the end of the season. Conversely, fish aged 1.2 comprised less than 20% of the catches in July, but the contribution increased abruptly to 45.6% in the first week of August and by season's end was almost 57%. There were no significant temporal shifts among other age groups.

Approximately 2,800 sockeye salmon were caught in the Prince William Sound sport fishery (Table 5). The subsistence catch of sockeye salmon was insignificant (Table 4). Age and sex composition data are not available for these small fisheries.

The total sockeye salmon escapement through the Coghill weir was 163,311 fish (Table 6, Figure 14, Appendix F). The majority of the escapement occurred in a relatively short time and was skewed toward the early part of the return. The weir was installed on 14 June, but by 25 June less than 200 fish had passed through. In the following eight days more than 57% of the escapement (approximate 93,000 fish) occurred, culminating in a peak daily count of more than 20,000 fish on 3 July. On July 4 the weir count dropped to 4,237 fish, and despite a slight resurgence the following week, the highest daily count thereafter was 8,222 fish. Counts averaged about 3,200 fish through 25 July when the weir was pulled. The total escapement through the weir was 41.3% fish aged 1.3, 36.9% fish aged 1.2, 18.5% fish aged 2.2, and a small remainder of mostly fish aged 2.3 (Table 14). Fish aged 1.2 actually outnumbered fish aged 1.3 in the early (14-29 June) and late (8-25 July) sampling strata, but in the middle sampling strata (30 June - 7 July) which encompassed the peak of the escapement more than half the fish were aged 1.3. The portion of the escapement aged 2.2 increased gradually from 15.2% to 23.0% through the season.

The escapement through Eshamy weir was 26,080 fish (Table 6), it occurred later than the escapement at Coghill Weir, and it was more prolonged (Figure 14, Appendix F). The escapement was 66.2% fish aged 2.2, 18.0% aged 1.2, and 14.7% fish aged 1.3. The age composition of the last two sampling strata which encompassed the peak escapements in August and September were both very similar to the season total age composition for the escapement. The first stratum which emcompassed the small July escapements differed radically. This early stratum was almost 56% fish aged 1.3 and only 27% fish aged 2.2. The portion of the escapement aged 1.2 did not change significantly through the season (Figure 15).

The sockeye salmon escapement timing through Coghill weir coincided with the July segment of the commercial purse seine catches in the Southwestern

District and the age compsition at the weir resembles the age composition of those July catches. Similarly, the August segment of the purse seine catches in the Southwestern District coincide in timing and age composition to the peak escapements through Eshamy weir (Figures 13 and 15 respectively).

The other sockeye salmon runs in Prince William Sound including the ones which contribute to the Unakwik fishery were much smaller and the only escapement information available is from aerial surveys (Appendix F).

Coho Salmon

Though they were only incidental in the commercial fisheries, coho salmon were fairly numerous in the 1985 salmon catch in Prince William Sound (17,669 fish, Table 1). Catches were largest in the Southwestern District and the Eastern District. Catches in the Eastern District occurred throughout the season but were strongest in the first three weeks of August (Appendix E). Catches in the Southwestern District occurred mostly in the first three weeks of August. Coho salmon sampled in the purse seine catches were approximately equal portions of fish aged 1.1 and 1.2 (51.0% and 45.7%, respectively; Appendix Table E66).

The sport fishery in Prince William Sound has increasingly targeted on coho salmon. It is difficult to separate Copper/Bering River catches from Prince William Sound catches in the available data, but it appears that over 10,000 coho were caught in the waters of Prince William Sound in 1985 (Table 5). The subsistence catch of coho salmon was insignificant (Table 4).

Chum Salmon

Approximately 1.3 million chum salmon were caught in Prince William Sound (Table 15) of which about 80% were caught with purse seines and the remainder with gill nets. There were significant purse seine catches reported from six of the eight districts but almost 47% of the purse seine catch came from the Eastern District, and the majority of the remainder came from the Northern and Southwestern Districts. Catches peaked earliest in the Northern District and latest in the Eastern and Southwestern Districts (Figure 16). The purse seine catches in all districts were overwhelmingly 4-year-old fish (75%) with the remainder being mostly 5-year-old fish (Table 16). In most of the districts 4-year-old fish were predominant throughout the season, but there was a gradual decline in 5-year-old fish through the season coupled with an increase in 4-year-old fish and 3-year-old fish (Figure 17). This trend was most pronounced in the Eastern District where 5-year-old fish actually predominated in the first week of July but were less than 30% of the catch in the second week and continued to decline through the remainder of the season.

The gill net catches of chum salmon (Table 15) were predominantly from the the Coghill District (97.5%). They peaked earlier than the purse seine catches in the district (Figures 16 and 18) but were similar in age composition to the purse seine catches in surrounding districts (Table 16). They were predominantly 4-year-old fish (74.6%) with the remainder being mostly 5-year- olds. The gradual decline in 5-year-old fish coupled with an increase in 4-year-old fish through the season was also observed in the

Coghill gill net fishery (Figure 18, Appendix E). The Eshamy gill net fishery targeted on pink and chum salmon returns to the Main Bay Hatchery and was restricted to the Main Bay Subdistrict (225-21). The small catch of chum salmon was insignificant (Table 15). The estimated catch of chum salmon in special harvest areas for private non-profit hatcheries in Prince William Sound was less than 4,000 fish fish (Table 1). No age or sex composition data were collected for these small catches.

Subsistence catches of chum salmon were insignificant. The estimated sport catch of chum salmon was approximately 1,600 fish most of which were caught in saltwater in the Valdez and Whittier areas (Table 5, Figure 1).

Pink Salmon

Approximately 25.1 million pink salmon were caught in Prince William Sound in 1985 (Table 1) of which approximately 23.8 million fish were harvested in common property fisheries (Table 17). An additional 1.3 million fish were caught in the sales harvests of the two major private non-profit hatcheries in the area (Table 1). Approximately 6.8 million fish in the common property harvest were of hatchery origin (Randall et al. 1985). These catches together with the 1.3 million fish sales harvests brings the total hatchery contribution to the commercial catches of pink salmon in Prince William Sound to 8.1 million.

The purse seine fishery accounted for almost 93% (23.3 million fish) of the total commom property harvest. Approximately 46% (10.8 million fish) of the purse seine catch was from the Southwestern District. The escapement in the Southwestern District exceeded the goal and was well above average, but it comprised only 6.8% of the total Prince William Sound wild stock escapement (Figure 19). The large catches in the Southwest District in 1985 were in part attributable to hatchery contributions. The A.F Koernig Hatchery is located in the middle of the district (Figure 1) and made the largest contribution (3.8 million fish, Table 18) to the hatchery component of the Prince William Sound area common property fisheries. The catches in the Southwestern District peaked later than in any other district in the sound, and the peak coincides with the peak returns to the A.F Koernig Hatchery. Furthermore, the Southwestern District encompasses an entrance to Prince William Sound known to be a migratory pathway used by pink salmon wild stocks and hatchery stocks stocks returning to other districts (McCurdy 1983).

Pink salmon returns to the other hatcheries in the sound similarly enhance the catches in the district where they are located. The 6.7 million fish catch in the Eastern District was the second largest in the purse seine fisheries (Table 17, Figure 20). Almost 30% of the wild stock escapement in Prince William Sound occurred in the Eastern District (Figure 19) and wild stocks definitely predominated in catches but, the VFDA Hatchery in Port Valdez (Figure 1) also contributed about 70,000 fish to the common property harvest early in the season (Randall et al. 1985). Catches in the Northern District were similarly enhanced by hatchery returns to the Cannery Creek facility in Unakwik Inlet (Figure 1) and late season catches there may have been largely hatchery fish.

The gill net harvest of 521,905 pink salmon was very small relative to the purse harvest. Approximately 87% of the catch (454,531 fish) was from the Coghill drift gill net fishery and most of the remainder was from the set gill net fishery in the Main Bay Subdistrict of the Eshamy District (Table 17). The fishery in Main Bay was specifically targeted on pink salmon returns to the FRED Division hatchery at the head of the bay (Figure 1), and the catch almost certainly consisted of mostly hatchery fish.

Subsistence catches of pink salmon were insignificant. The estimated sport catch of pink salmon was about 32,000 fish most of which were caught in saltwater in the Valdez and Whittier areas (Table 5, Figure 1).

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TABLES AND FIGURES

Table 1. Commercial catches by fishery, district, and species in the Copper/Bering River (C/BR) and Prince William Sound (PWS) areas, 1985.[a]

C/BR Drift Gill Net Fisheries	Species				
District	Chinook	Sockeye	Coho	Pink	Chum
Bering River (200)					
Inside (Subdistrict 10 and 20)	76	5,587	418,488	109	713
Kayak Island (Subdistrict 30)	139	20,974	788	105	8,929
Copper River (212)	42,333	931,132	587,990	19,061	5,966
C/BR Drift Gill Net Total	42,548	957,693	1,007,266	19,275	15,608

PWS Drift Gill Net Fisheries	Species				
District	Chinook	Sockeye	Coho	Pink	Chum
Unakwik (222-50)	26	27,532	22	9,191	3,942
Coghill (223)	380	339,296	1,131	454,531	246,824
Eshamy (225)	1	667	0	24,899	1,021
PWS Drift Gill Net Total	407	367,495	1,153	488,621	251,787

PWS Set Gill Net Fisheries	Species				
District	Chinook	Sockeye	Coho	Pink	Chum
Eshamy (225)	1	3,439	74	33,284	1,295
PWS Set Gill Net Total	1	3,439	74	33,284	1,295

-continued-

Table 1. (page 2 of 2).

PWS Purse Seine Fisheries	Species				
District	Chinook	Sockeye	Coho	Pink	Chum
Eastern (221)	281	18,276	6,698	6,715,143	557,310
Northern (222)	69	5,908	223	950,083	155,512
Unakwik (222-50)	0	138	0	28,210	4,123
Coghill (223)	85	10,757	112	69,242	19,330
Northwestern (224)	91	6,378	1,377	527,132	78,268
Southwestern (226)	93	78,136	6,291	10,843,752	152,134
Montague (227)	17	1,131	958	1,476,217	4,671
Southeastern (228)	58	4,317	782	2,733,562	54,207
PWS Purse Seine Total	694	125,041	16,441	23,343,341	1,025,555
Private Non-Profit Hatchery Harvests	0	23	1	1,257,628	3,767
Combined PWS Fisheries Total	1,102	495,998	17,669	25,122,874	1,282,404
Combined C/BR and PWS Fisheries Total	43,650	1,453,691	1,024,935	25,142,149	1,298,012

[a]Based on final fish ticket summaries.

Table 2. Estimated age composition of the sockeye salmon in the commercial catches from the drift gill net fisheries in the Copper/Bering River area, 1985.[a]

			Percent of Catch by Brood Year and Age Group											
			1982		1981		1980			1979			1978	
Fishery	Sample Size	Total Catch	0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	1.5	2.4
Copper River	4,553	931,132	0.9	0.0	10.5	5.9	0.1	68.1	0.9	1.0	12.5	0.0	0.1	0.0
Bering River	1,682	20,974	0.3	0.0	2.2	4.8	0.0	80.0	2.2	0.8	9.7	0.0	0.0	0.0

[a]Based on age composition data from systematic, stratified catch sampling programs and catch data from fish ticket summaries. The catch data are final.

Table 3. Commercial catches of sockeye salmon and effort by fishery and fishing period in the Copper/Bering River area, 1985.[a]

	Fishing			Fishery					
				Copper River		Bering River Inside		Bering River Kayak Island	
Week	Period	Dates	Hours	Effort b/	Catch	Effort b/	Catch	Effort b/	Catch
20	1	5/13-5/14	24	446	46,386	Closed		Closed	
20	2	5/16-5/17	24	456	87,608	Closed		Closed	
21	3	5/20-5/21	24	478	98,329	Closed		Closed	
21	4	5/23-5/24	24	475	87,189	Closed		Closed	
22	5	5/27-5/28	24	475	152,676	Closed		Closed	
22	6	5/30-5/31	24	254	86,181	Closed		Closed	
23	7	6/03-6/04	24	417	57,422	Closed		Closed	
23	8	6/06-6/07	24	489	50,970	Closed		Closed	
24	9	6/10-6/11	36	435	47,059	NA	1,382	NA	1,850
24	10	6/13-6/15	36	392	48,613	NA	2,198	NA	8,569
25	11	6/17-6/19	48	273	30,330	NA	711	8	704
25	12	6/20-6/22	36	283	39,726	NA	1,033	NA	4,690
26	13	6/24-6/26	48	172	31,075	3	129	NA	5,161
27	14	7/01-7/03	48	NA	25,000	0	0	Closed	
29	15	7/17-7/19	48	NA	12,627	0	0	Closed	
30	16	7/22-7/24	48	80	7,620	0	0	Closed	
30	17	7/25-7/27	36	84	5,843	0	0	Closed	
31	18	7/29-7/31	48	94	6,232	0	0	Closed	
31	19	8/01-8/03	36	77	2,494	0	0	Closed	
32	20	8/05-8/08	87	162	4,897	2	18	Closed	
33	21	8/12-8/15	87	252	2,013	3	0	Closed	
34	22	8/19-8/22	87	333	632	107	98	Closed	
35	23	8/26-8/29	87	334	171	165	17	Closed	
36	24	9/02-9/05	87	317	26	217	0	Closed	
37	25	9/09-9/12	87	263	11	192	0	Closed	
38	26	9/16-9/19	87	190	2	95	1	Closed	
39	27	9/23-9/26	87	91	0	24	0	Closed	
40	28	9/30-10/03	87	1	0	0	0	Closed	
Total			1,443	7,323	931,132	808	5,587	8	20,974

[a]Based on final fish ticket summaries.

[b]Number of boats with reported catches.

Table 4. Subsistence and personal use catches by fishery and species in the Copper/Bering River (C/BR) and Prince William Sound (PWS) area, 1985.[a]

C/BR Subsistence Fisheries	Species				
Fishery	Chinook	Sockeye	Coho	Pink	Chum
Upper Copper River - Dip Net	1,212	28,240	331	NA	NA
Upper Copper River - Fish Wheel	452	22,183	213	NA	NA
C/BR Drift Gill Net	88	261	83	NA	NA
C/BR Subsistence Fisheries Total	1,664	50,423	544	NA	NA

PWS Subsistence Fisheries					
Fishery	Chinook	Sockeye	Coho	Pink	Chum
Purse Seine and Gill Net	1	27	16	NA	NA
PWS Subsistence Fisheries Total	1	27	16	NA	NA
C/BR and PWS Combined Fisheries Total	1,665	50,450	560	NA	NA

[a]Preliminary data based on incomplete permit returns.

Table 5. Sport harvests and effort by fisheries and species in the upper Copper River Delta/Bering River (CD/BR), and Prince William Sound (PWS) areas, 1985.

Upper Copper River	Species				
Fishery	Chinook	Sockeye	Coho	Pink	Chum
Gulkana River Float Fishing (Paxson to Sourdough)	373	734	0	0	0
Gulkana River Float Fishing (Sourdough to Highway)	199	149	0	0	0
Gulkana River Float Fishing (Other)	684	1804	0	0	0
Klutina River	249	473	0	0	0
Copper River	236	1356	236	0	0
Other Streams	186	50	174	0	0
Paxson and Summit Lake	0	37	0	0	0
Other Lakes	12	149	0	0	0
Upper Copper River Total	1,939	4,752	410	0	0

CD/BR and PWS - Freshwater	Species				
Fishery	Chinook	Sockeye	Coho	Pink	Chum
Eyak Lake	0	87	239	33	0
Eshamy Lake and Lagoon	0	467	43	54	0
Coghill River	0	456	0	109	0
Other Streams	0	129	662	521	43
Other Lakes	0	239	43	0	0
CD/BR and PWS - Freshwater Total	0	1,378	987	717	43

-continued-

Table 5. (page 2 of 2)

CD/BR and PWS - Saltwater	Species				
Fishery	Chinook	Sockeye	Coho	Pink	Chum
Valdez Bay	271	846	5,848	15,223	868
Passage Canal (Whittier)	22	119	1,280	1,573	217
Other - Boat	44	195	1,000	912	120
Valdez Bay-Shoreline	11	228	1530	11805	380
Other - Shoreline	0	142	988	2,440	0
CD/BR and PWS - Saltwater Total	348	1,530	10,646	31,953	1,585
CD/BR and PWS - Combined Total	348	2,908	11,633	32,670	1,628
Upper Copper River, CD/BR and PWS Total	2,287	7,660	12,043	32,670	1,628

Table 6. Salmon escapement by species and district in the Copper/Bering River and Prince William Sound areas, 1985.

Copper/Bering River Area	Species				
District	Chinook	Sockeye	Coho	Pink	Chum
Copper River (212)					
Upper Copper River[a]	b	436,313[b]	b	b	b
Copper River Delta[c]		146,043	93,210	d	d
Bering River (200)[c]		26,300	80,500	8,000	0
Copper/Bering River Area Total		608,656	173,710	8,000	0

Prince William Sound Area	Species				
District	Chinook[d]	Sockeye[e]	Coho[d]	Pink[f]	Chum[f]
Eastern (221)				809,010	98,170
Northern (222)				228,140	35,080
Coghill (223)		163,311		299,350	23,290
Northwestern (224)				199,910	14,040
Eshamy (225)		26,080		13,530	0
Southwestern (226)				185,710	640
Montague (227)				337,450	0
Southeastern (228)				641,410	4,610
Prince William Sound Area Total		189,391	0	2,714,510	175,830

[a]Estimated from hydroacoustical and test fishing data from the Miles Lake sonar project (Appendix Table C1).

[b]The Miles Lake Sonar project escapement estimate is for all species the majority of which are sockeye salmon. Because the estimate of the portion of the escapement of other salmon species is not precisely known, the counts for chinook, coho, pink, and chum salmon are included in the estimate for sockeye salmon. Based on aerial survey data the escapement of pink and chum salmon to the Upper Copper River is incidental, and the escapement of coho salmon is very small. The 1984 aerial surveys of salmon index streams indicate that chinook salmon escapement was strong.

[c]Based on periodic aerial surveys of salmon streams (Appendix Table D2). In the Copper River District there was one weir in place at Tokun Lake and those counts were used in this estimate.

[d]Numerically insignificant and no estimates are available.

[e]The two available estimates are from weirs at Coghill and Eshamy Lakes. Other less important sockeye salmon escapements are infrequently assessed by aerial surveys (see Appendix F).

[f]Based on adjusted aerial estimates of regularly surveys streams (Appendix F.

Table 7. Estimated age composition of Copper and Bering River area sockeye salmon escapements which were sampled in 1985.

				Percent of Escapement by Brood Year and Age Group											
				1983	1982		1981			1980			1979		
System	Location	Sample Size	Total Escapement	0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2
Upper Copper River	Miles Lake Sonar[a]	3,446	436,313	0.0	0.5	0.1	2.0	7.9	0.0	0.0	73.7	3.7	0.6	11.5	0.0
Delta	Eyak Lake	617	11,875	0.2	1.6	3.4	0.8	36.5	0.0	0.0	56.5	0.0	1.0	0.0	0.0
	McKinley Lake	1,466	27,000	0.1	17.0	3.3	1.8	44.5	0.0	0.2	30.7	1.8	0.0	0.6	0.0
	27-Mile Slough	821	6,500	0.0	40.2	1.0	10.4	35.3	0.0	0.1	12.1	0.5	0.3	0.1	0.0
	Ragged Point Lake	960	18,500	0.0	34.1	11.5	1.1	20.8	2.0	0.0	27.9	0.3	0.0	1.9	0.0
	Martin Lake	816	20,500	0.0	2.8	18.4	1.1	70.3	0.0	0.1	7.0	0.2	0.0	0.1	0.0
	Little Martin Lake	716	11,000	0.1	5.0	24.0	0.7	51.2	0.0	0.0	18.8	0.2	0.0	0.0	0.0
	Tokun Lake	986	11,293	0.0	0.0	0.1	0.4	44.6	0.0	0.0	53.3	0.2	0.0	1.4	0.0
	Martin River Slough	1,134	8,100	0.0	45.5	0.7	29.6	14.7	0.0	0.2	8.8	0.2	0.1	0.2	0.0
	39-Mile Creek	868	27,000	0.0	0.9	0.2	2.7	13.6	0.0	0.1	82.1	0.1	0.0	0.3	0.0
Delta Total		8,384[b]	141,768	0.0	13.2	7.1	3.5	37.0	0.3	0.1	37.7	0.5	0.1	0.6	0.0
Bering River	Bering Lake	694	15,700	0.1	21.8	17.3	0.7	21.8	0.0	0.1	36.5	0.7	0.0	1.0	0.0
	Shepherd Creek	629	8,000	0.0	24.7	2.1	4.4	23.1	0.0	0.2	41.5	0.5	3.0	0.5	0.0
	Kushtaka Lake	598	2,500	0.0	0.5	2.0	0.2	76.2	1.0	0.0	4.5	14.1	0.0	1.3	0.2
Bering River Total		1,921[b]	26,200	0.1	20.7	11.2	1.8	27.4	0.1	0.1	35.0	1.9	0.9	0.9	0.0

[a]The samples from the subsistence and personal use fisheries at Chitina are used to apportion the upriver escapement which is estimated at Miles Lake. Fish aged 2.4 were 0.1% of this sample but are not shown to reduce the table size and because that age group is not present in any other escapement.

[b]Total is only for sites sampled and does not equal the total for the entire drainage shown in Table 6 and Appendix D2.

Table 8. Commercial catches of chinook salmon and effort by fishery and fishing period in the Copper/Bering River area, 1985.[a]

	Fishing			Fishery					
				Copper River		Bering River Inside		Bering River Kayak Island	
Week	Period	Dates	Hours	Effort[b]	Catch	Effort[b]	Catch	Effort[b]	Catch
20	1	5/13-5/14	24	446	3,577	Closed		Closed	
20	2	5/16-5/17	24	456	3,210	Closed		Closed	
21	3	5/20-5/21	24	478	3,836	Closed		Closed	
21	4	5/23-5/24	24	475	6,476	Closed		Closed	
22	5	5/27-5/28	24	475	7,089	Closed		Closed	
22	6	5/30-5/31	24	254	3,612	Closed		Closed	
23	7	6/03-6/04	24	417	4,270	Closed		Closed	
23	8	6/06-6/07	24	489	3,372	Closed		Closed	
24	9	6/10-6/11	36	435	2,539	NA	36	NA	34
24	10	6/13-6/15	36	392	2,199	NA	20	NA	61
25	11	6/17-6/19	48	273	859	NA	8	8	5
25	12	6/20-6/22	36	283	682	NA	6	NA	28
26	13	6/24-6/26	48	172	411	3	0	NA	11
27	14	7/01-7/03	48	NA	120	0	0	Closed	
29	15	7/17-7/19	48	NA	28	0	0	Closed	
30	16	7/22-7/24	48	80	9	0	0	Closed	
30	17	7/25-7/27	36	84	10	0	0	Closed	
31	18	7/29-7/31	48	94	13	0	0	Closed	
31	19	8/01-8/03	36	77	3	0	0	Closed	
32	20	8/05-8/08	87	162	5	2	0	Closed	
33	21	8/12-8/15	87	252	7	3	0	Closed	
34	22	8/19-8/22	87	333	5	107	4	Closed	
35	23	8/26-8/29	87	334	1	165	1	Closed	
36	24	9/02-9/05	87	317	0	217	1	Closed	
37	25	9/09-9/12	87	263	0	192	0	Closed	
38	26	9/16-9/19	87	190	0	95	0	Closed	
39	27	9/23-9/26	87	91	0	24	0	Closed	
40	28	9/30-10/03	87	1	0	0	0	Closed	
Total			1,443	7,323	42,333	808	76	8	139

[a]Based on final fish ticket summaries.

[b]Number of boats with reported catches.

Table 9. Estimated age composition of chinook salmon in the commercial catches in the Copper/Bering River area drift gill net fisheries, 1985.[a]

			Percent of Catch by Brood Year and Age Group									
			1982	1981		1980			1979		1978	
District	Sample Size	Total Catch	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4
Copper River (212)	2,830	42,333	0.2	0.1	6.6	0.1	28.8	0.2	61.1	0.8	0.6	1.5

[a]Based on data from a systematic, stratified sampling program and final fish ticket summaries.

Table 10. Commercial catches of coho salmon and effort by fishery and fishing period in the Copper/Bering River area, 1985.[a]

	Fishing			Fishery					
				Copper River		Bering River Inside		Bering River Kayak Island	
Week	Period	Dates	Hours	Effort[b]	Catch	Effort[b]	Catch	Effort[b]	Catch
20	1	5/13-5/14	24	446	0	Closed		Closed	
20	2	5/16-5/17	24	456	3	Closed		Closed	
21	3	5/20-5/21	24	478	4	Closed		Closed	
21	4	5/23-5/24	24	475	1	Closed		Closed	
22	5	5/27-5/28	24	475	0	Closed		Closed	
22	6	5/30-5/31	24	254	0	Closed		Closed	
23	7	6/03-6/04	24	417	1	Closed		Closed	
23	8	6/06-6/07	24	489	11	Closed		Closed	
24	9	6/10-6/11	36	435	8	NA	0	NA	5
24	10	6/13-6/15	36	392	20	NA	1	NA	102
25	11	6/17-6/19	48	273	1	NA	1	8	2
25	12	6/20-6/22	36	283	257	NA	0	NA	271
26	13	6/24-6/26	48	172	103	3	0	NA	408
27	14	7/01-7/03	48	NA	181	0	0	Closed	
29	15	7/17-7/19	48	NA	1,134	0	0	Closed	
30	16	7/22-7/24	48	80	458	0	0	Closed	
30	17	7/25-7/27	36	84	2,035	0	0	Closed	
31	18	7/29-7/31	48	94	3,931	0	0	Closed	
31	19	8/01-8/03	36	77	3,132	0	0	Closed	
32	20	8/05-8/08	87	162	14,961	2	166	Closed	
33	21	8/12-8/15	87	252	65,072	3	772	Closed	
34	22	8/19-8/22	87	333	100,787	107	46,766	Closed	
35	23	8/26-8/29	87	334	158,771	165	99,922	Closed	
36	24	9/02-9/05	87	317	129,585	217	166,571	Closed	
37	25	9/09-9/12	87	263	69,455	192	77,119	Closed	
38	26	9/16-9/19	87	190	30,617	95	23,517	Closed	
39	27	9/23-9/26	87	91	7,438	24	3,653	Closed	
40	28	9/30-10/03	87	1	24	0	0	Closed	
Total			1,443	7,323	587,990	808	418,488	8	788

[a]Based on final fish ticket summaries.

[b]Number of boats with reported catches.

Table 11. Estimated age composition of the coho salmon in the commercial catches in the drift gill net fisheries in the Copper/Bering River area, 1985.[a]

Fishery	Sample Size	Total Catch	Percent of Catch by Brood Year and Age Group[b] 1983 ---- 0.1	1982 ---- 1.1	1981 ---- 2.1	1980 ---- 3.1
Copper River	1,625	587,990	0.2	41.3	54.2	4.3
Bering River	732	419,276	0.0	25.1	65.4	9.5

[a]Catch data for the Copper River fishery are from final fish ticket summaries. The catch data for the Bering River fishery are from preliminary summaries. The age composition data for the Bering River fisheries are based on samples taken from the large catches in subdistricts 10 and 20 to the west of Kayak Island.

[b]When an age group is present but constitutes less than .05% of the catch the percentage is given as .0% versus 0.0% when the age group is not present in the population.

Table 12. Weekly catches of sockeye salmon and weekly fishing effort in the commercial fisheries of Prince William Sound, 1985.[a]

Week		Gill Net Fisheries									Purse Seine Fisheries			Total PWS
		Coghill Drift Gill Net			Unakwik Drift Gill Net			Eshamy Drift and Set Gill Net			General Purse Seine			
No.	Dates	Hours	Effort[b]	Catch	Hours	Effort[b]	Catch	Hours	Effort[b]	Catch	Hours	Effort[b]	Catch	Catch
25	6/17-6/20	87	134	20,758	87	11	1,454	Closed		Closed	Closed	NA	Closed	20,758
26	6/24-6/27	87	263	71,535	87	37	6,880	Closed		Closed	Closed	NA	Closed	78,415
27	7/01-7/06	138	362	135,804	138	37	10,288	Closed		Closed	39	NA	5,254	151,346
28	7/07-7/13	168	348	74,790	168	32	5,003	Closed		Closed	168	NA	15,376	95,169
29	7/14-7/19	141	280	24,471	141	18	2,315	Closed		Closed	141	NA	20,625	47,411
30	7/22-7/26	111	193	6,687	111	6	777	Closed		Closed	111	NA	21,770	29,234
31	7/29-8/02	111	142	3,443	111	2	684	174	23	315	111	NA	20,886	25,328
32	8/05-8/09	111	104	1,693	111	6	131	174	36	1,473	111	NA	17,059	20,356
33	8/12-8/16	111	41	115	111	0	0	276	29	602	111	NA	16,641	17,358
34	8/17-8/23	0	0	0	111	0	0	168	13	708	111	NA	6,675	7,383
35	8/24-8/30	0	0	0	111	0	0	141	8	1,008	111	NA	755	1,763
Total		1,065	1,867	339,296	1,287	149	27,532	933	109	4,106	1,014	0	125,041	494,521

[a]Catch data are from preliminary fish ticket summaries.

[b]Number of boats with reported catches.

Table 13. Estimated age composition of sockeye salmon in the commercial catches from the drift gill net, set gill net and, the purse seine fisheries in Prince William Sound, 1985.[a]

			Percent of Catchy Brood Year and Age Group											
			1983		1982			1981		1980			1979	
Fishery	Sample Size	Total Catch	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3
Unakwik Drift Gill Net	1,177	27,532	0.0	0.0	0.1	5.6	0.0	82.8	4.1	0.4	6.9	0.1	0.0	0.0
Coghill Drift Gill Net	2,455	339,296	0.0	.0	0.2	9.2	0.0	79.0	6.1	0.2	4.8	.0	0.0	0.3
General Purse Seine[b]	2,671	125,041	0.1	0.7	0.2	27.5	0.4	34.8	31.4	0.1	4.6	0.1	0.0	0.1

[a]Based on age composition data from systematic, stratified sampling programs in each fishery and catch data from final fish ticket summaries.

[b]Based predominantly on samples from sockeye salmon catches in the Southwest District.

Table 14. Estimated age composition of the sockeye salmon escapements in Prince William Sound, 1985.[a]

			Percent of Escapement by Brood Year and Age Group									
			1982	1981			1980		1979			1978
	Sample Size	Total Escapement	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	3.3
Coghill Lake	1,592	163,311	0.0	0.0	36.9	0.3	41.3	18.5	0.2	2.6	0.1	0.1
Eshamy Lake	1,530	26,080	0.0	0.0	18.0	0.1	14.7	66.2	0.0	1.0	0.0	0.0

[a]Based on age composition data from stratified, systematic sampling of the daily escapement through weirs at both lakes.

Table 15. Weekly commercial catches of chum salmon by district and gear in Prince William Sound, 1985.[a]

Week		Drift Gill Net			Set Gill Net	Purse Seine								Total PWS
No.	Dates	Coghill	Unakwik	Eshamy[b]	Eshamy[b]	Eastern	Northern	Unakwik	Coghill	Northwest	Southwest	Montague	Southeast	Catch
25	6/17-6/20	20,099	23	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	20,122
26	6/24-6/27	33,756	531	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	34,287
27	7/01-7/06	60,163	491	Closed	Closed	49,944	Closed	Closed	1,564	Closed	Closed	Closed	Closed	112,162
28	7/07-7/13	57,590	1,943	Closed	Closed	81,299	62,649	0	9,181	Closed	Closed	Closed	14,460	227,122
29	7/14-7/19	23,504	320	Closed	Closed	66,980	25,901	0	3,519	40,672	18,399	1,066	12,537	192,898
30	7/22-7/26	21,555	134	Closed	Closed	49,473	21,446	140	2,947	21,662	28,493	756	10,414	157,020
31	7/29-8/02	12,608	216	416	443	57,184	16,258	735	145	10,344	32,900	989	8,602	140,840
32	8/05-8/09	12,656	284	474	590	119,799	24,475	3248	1,281	5,076	25,792	918	5,641	200,234
33	8/12-8/16	4,893	0	131	121	106,765	4,783	0	693	514	32,040	942	2,465	153,347
34	8/17-8/23	Closed	Closed	0	94	25,866	Closed	Closed	Closed	Closed	13,392	0	88	39,440
35	8/24-8/30	Closed	Closed	0	47	0	Closed	Closed	Closed	Closed	1,118	0	0	1,165
Total		246,824	3,942	1,021	1,295	557,310	155,512	4,123	19,330	78,268	152,134	4,671	54,207	1,278,637

[a]Preliminary fish ticket data.

[b]Main Bay Subdistrict only.

Table 16. Estimated age composition of chum salmon in the commercial catches in the Prince William Sound purse seine and gill net fisheries, 1985.[a]

			Percent of Catch by Brood Year and Age Group[b]					
			1984	1983	1982	1981	1980	1979
	Sample	Total	---	---	---	---	---	---
Purse Seine Fisheries	Size	Catch[c]	0.1	0.2	0.3	0.4	0.5	0.6
Eastern District	3,088	557,310	0.2	7.7	74.3	17.4	0.4	0.0
Northern District	1,601	155,512	0.0	5.2	68.3	25.6	0.9	0.0
Northwestern District	1,596	78,268	0.0	2.6	80.4	16.2	0.8	0.0
Southwestern District	2,168	152,134	0.0	5.6	80.3	13.7	0.4	0.0
Southeastern District	2,399	54,207	0.0	4.0	71.5	23.8	0.7	0.0
Combined Purse Seine	10,852	997,431	0.1	6.4	74.6	18.4	0.5	0.0
Gill Net Fisheries								
Coghill District	1,166	246,824	0.1	3.2	72.3	24.0	0.4	0.0
Combined Gill Net	1,166	246,824	0.1	3.2	72.3	24.0	0.4	0.0

[a]Based on age composition data from systematic, stratified sampling programs in each district and preliminary catch data.

[b]The notation of .0% indicates less than .05% whereas 0.0% indicates absence of the age group.

[c]Total catch is only for the districts sampled for age composition data.

Table 17. Weekly commercial catches of pink salmon by district and gear in Prince William Sound, 1985.[a]

Week No.	Fishing Period Dates	Drift Gill Net			Set Gill Net	Purse Seine								Total PWS Catch
		Coghill	Unakwik	Eshamy[b]	Eshamy[b]	Eastern	Northern	Unakwik	Coghill	Northwest	Southwest	Montague	Southeast	
25	6/17-6/20	747	1	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	748
26	6/24-6/27	2,130	25	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	Closed	2,155
27	7/01-7/05	16,604	76	Closed	Closed	511,520	Closed	Closed	777	Closed	Closed	Closed	Closed	528,977
28	7/08-7/12	64,196	521	Closed	Closed	541,613	45,387	0	21,308	Closed	Closed	Closed	211,811	884,836
29	7/15-7/19	91,585	243	Closed	Closed	727,585	28,340	0	12,673	102,704	462,997	218,792	395,480	2,040,399
30	7/22-7/26	103,753	379	Closed	Closed	862,054	66,894	903	3,757	159,684	1,329,186	238,266	567,503	3,332,379
31	7/29-8/02	96,078	1,724	1,357	3,536	1,669,487	192,102	16,482	3,570	137,983	2,832,195	634,307	849,627	6,438,448
32	8/05-8/09	71,181	6,222	17,793	17,814	1,691,152	544,870	10,825	15,476	118,505	3,302,586	324,177	639,102	6,759,703
33	8/12-8/16	8,257	0	5,749	5,730	466,541	72,490	0	11,681	8,256	2,113,219	60,675	64,539	2,817,137
34	8/19-8/23	Closed	Closed	0	5,050	245,191	Closed	Closed	Closed	Closed	680,124	0	5,500	935,865
35	8/26-8/30	Closed	Closed	0	1,154	Closed	Closed	Closed	Closed	Closed	123,445	Closed	Closed	124,599
Total		454,531	9,191	24,899	33,284	6,715,143	950,083	28,210	69,242	527,132	10,843,752	1,476,217	2,733,562	23,865,246

[a]Data from final fish ticket summary.

[b]Main Bay Subdistrict only.

Table 18. Estimated hatchery contributions to pink salmon catches in the common property fisheries in Prince William Sound and hatchery sales harvests, brood stock escapements, and total return of pink salmon, 1985.[a]

		Estimated 1985			
Hatchery	1984 Fry Release	Common Property Commercial Catch	Sales Harvest[b]	Broodstock Escapement	Total Return
Solomon Gulch	8,400,000	70,000	268,727	228,538	567,265
A. F. Koernig	76,800,000	3,772,346	988,901	271,513	5,032,760
Cannery Creek	31,200,000	2,516,000		170,000	2,686,000
Main Bay	41,900,000	368,000		15,000	383,000
Total	158,300,000	6,726,346	1,257,628	685,051	8,669,025

[a]From Randall et al., 1986.

[b]From final fish ticket summaries (see Appendix E).

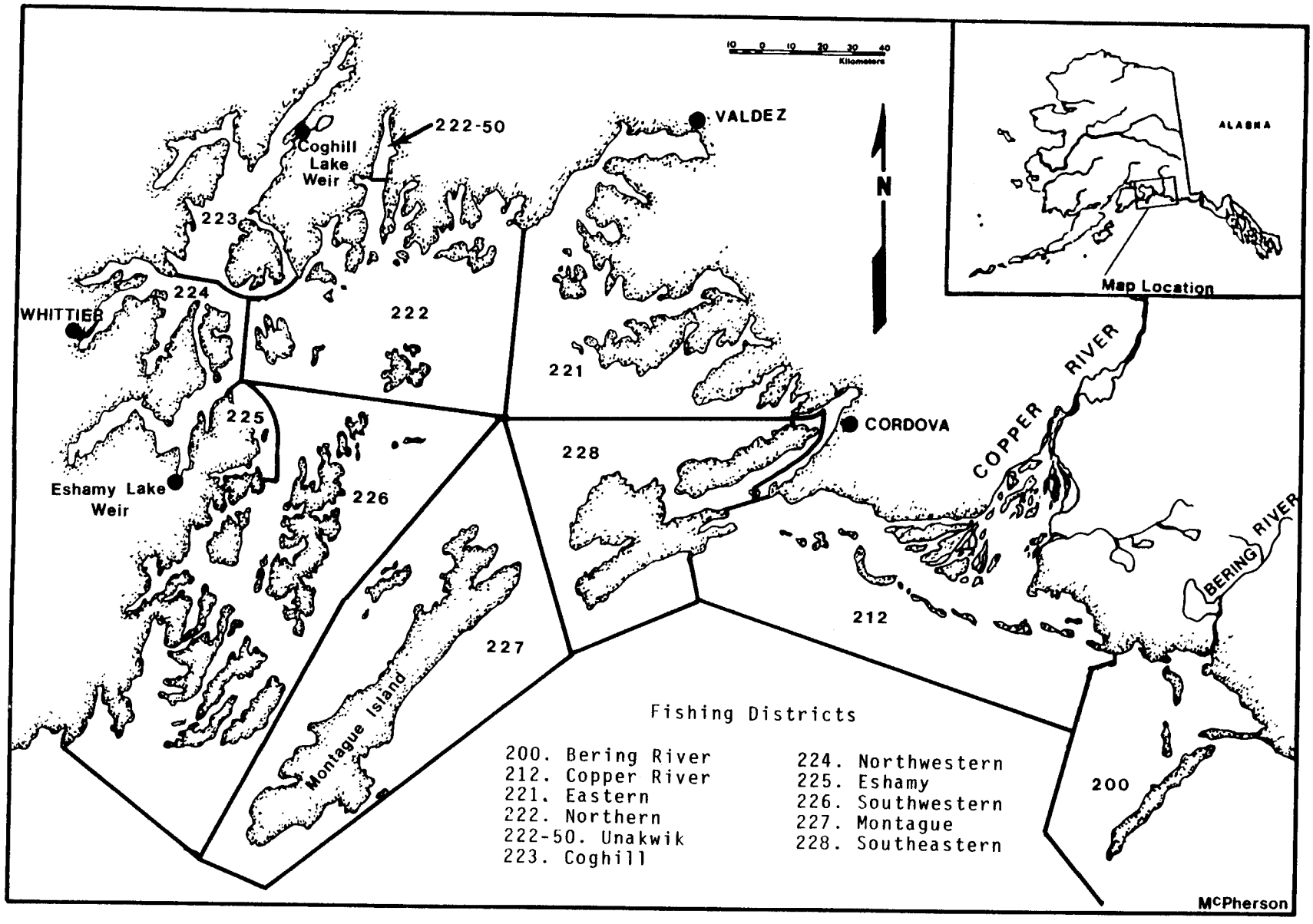


Figure 1. Prince William Sound commercial fishing districts and major salmon spawning areas.

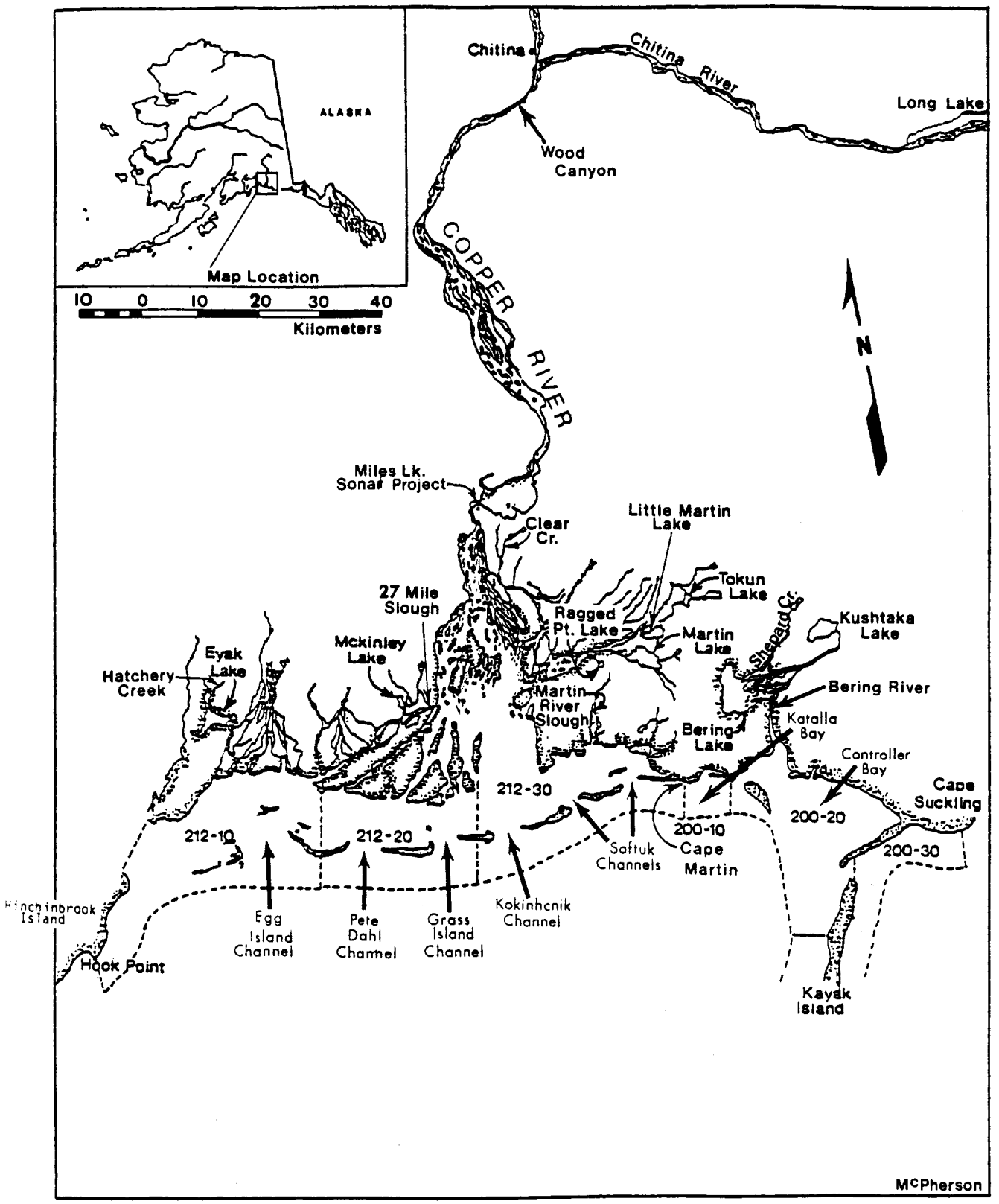


Figure 2. The Copper River and Bering River commercial fishing districts and major spawning areas for stocks which contribute to the Copper River delta and Bering River escapements.

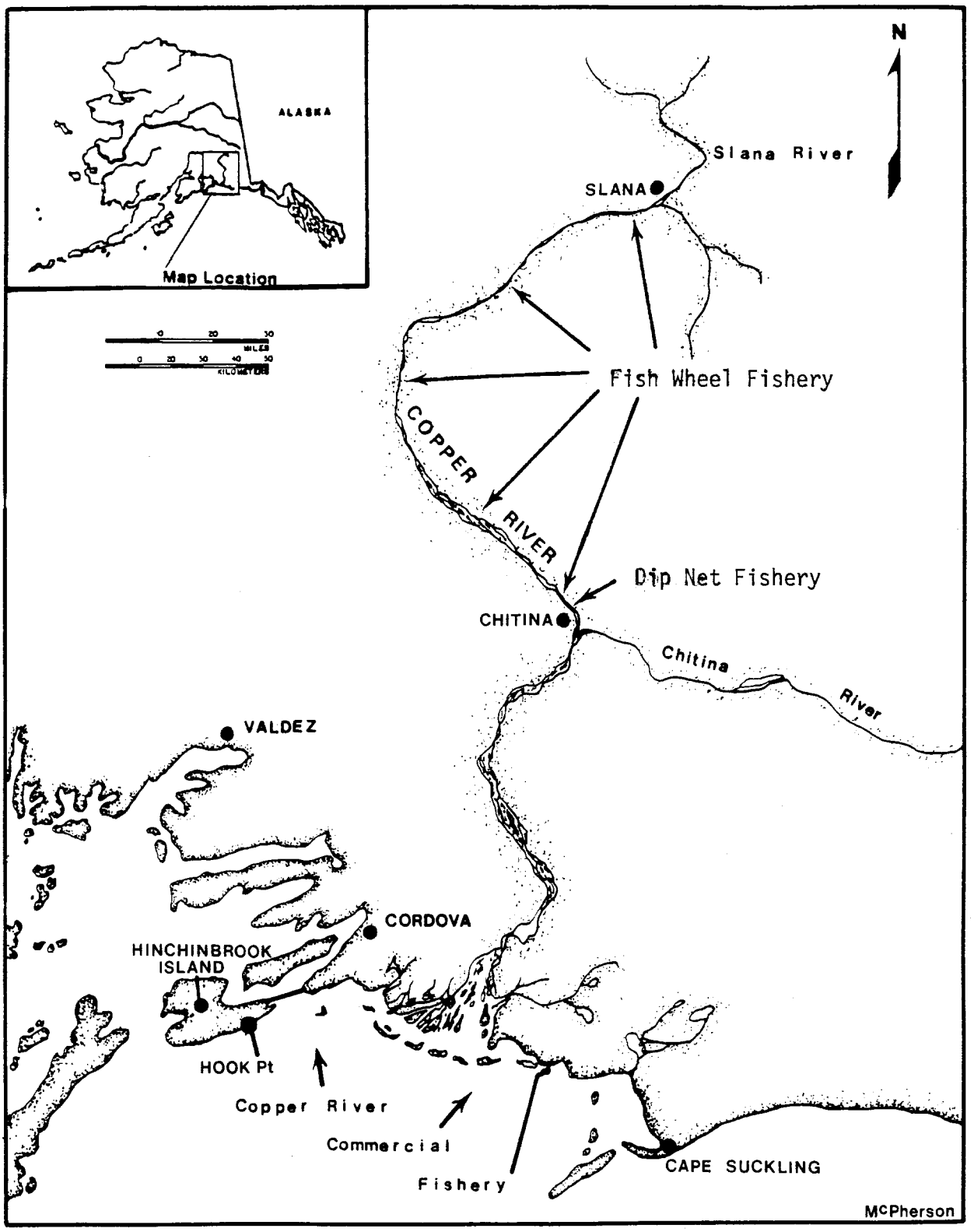
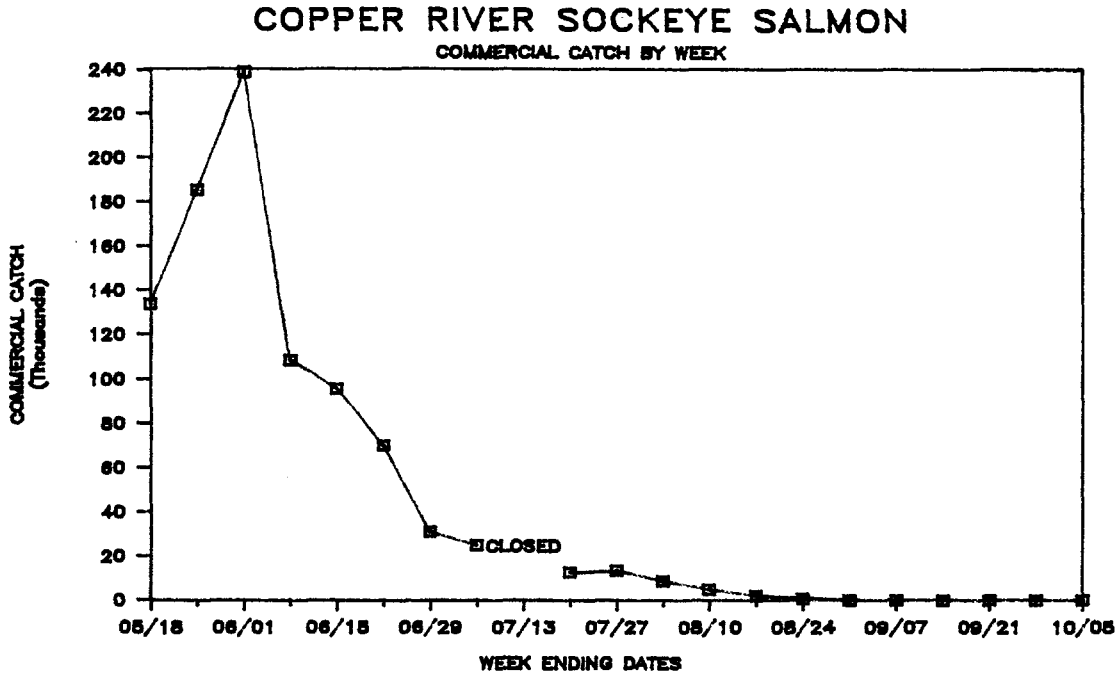


Figure 3. The Copper River drainage showing the location of the subsistence and personal use dip net fishery at Chitina and the subsistence fish wheel fishery which extends from Chitina to Slana along the upper Copper River.



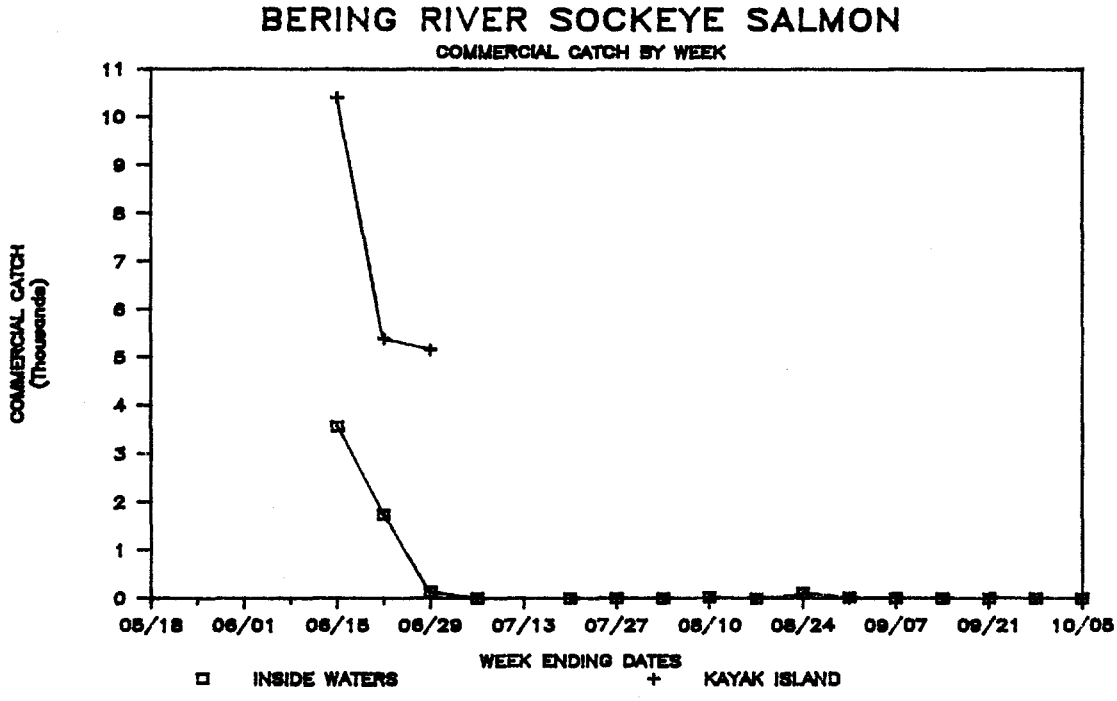
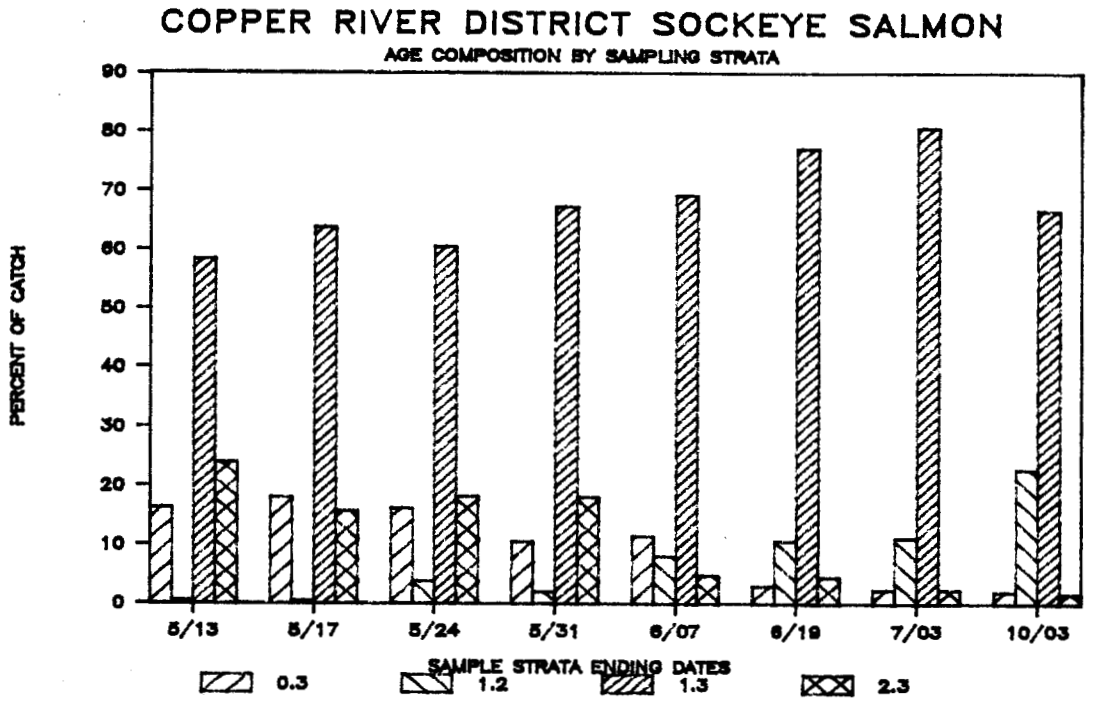


Figure 4. Sockeye salmon commercial catch by period in the drift gill net fisheries of the Copper River and Bering River Districts, 1985.



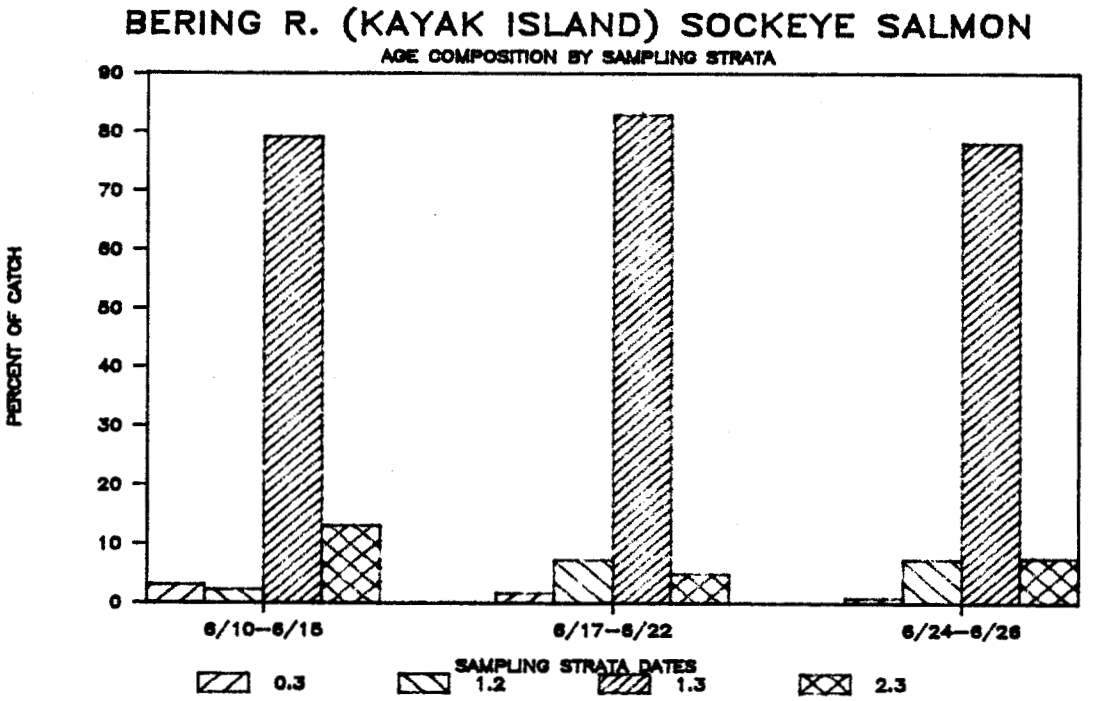
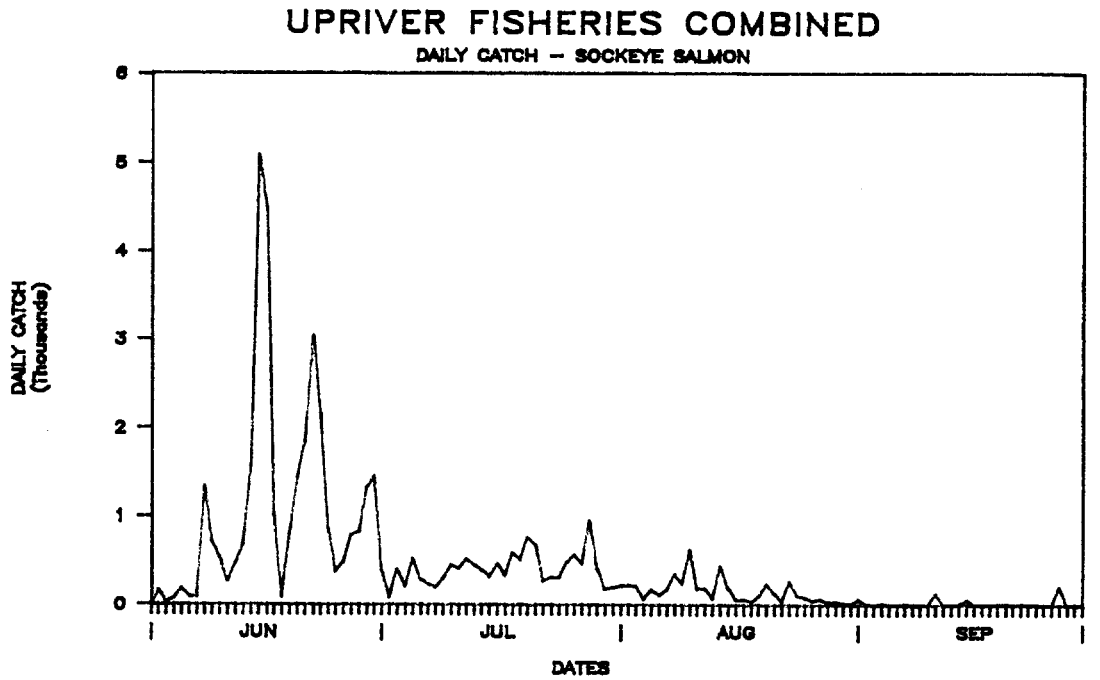


Figure 5. The age composition of sockeye salmon in the temporally stratified catch samples from the drift gill net fisheries in the Copper and Bering River Districts, 1985.



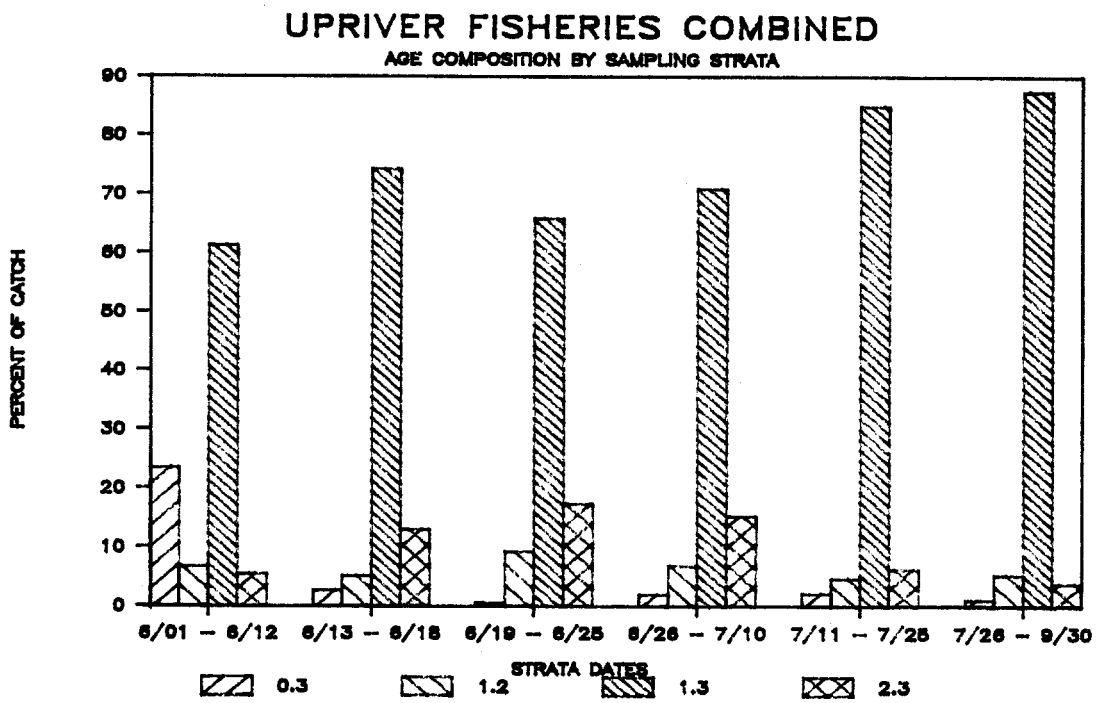


Figure 6. Daily catch of sockeye salmon in the combined subsistence and personal use fisheries on the upper Copper River and, the age composition of sockeye salmon in the temporally stratified sampled from those fisheries, 1985.

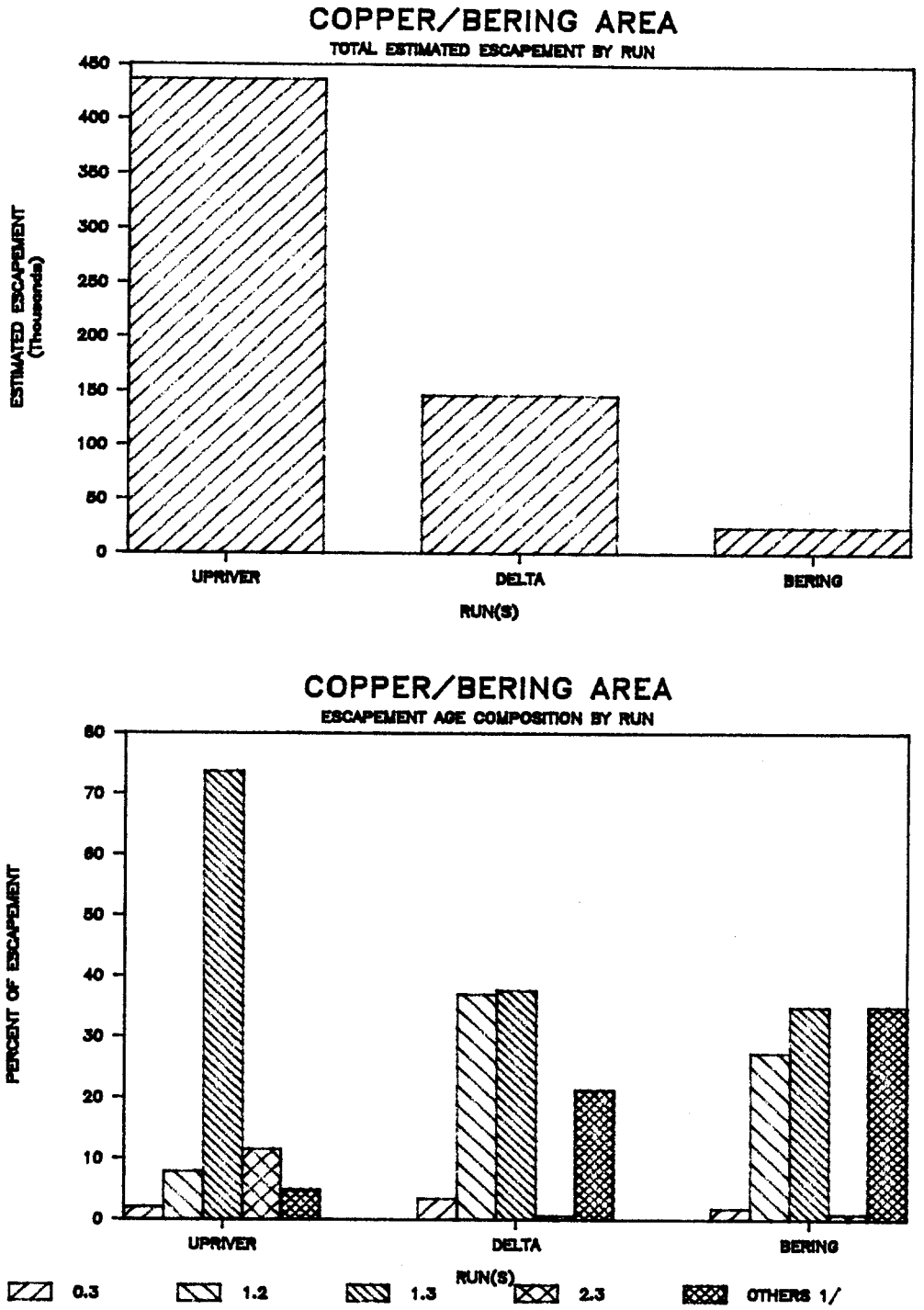
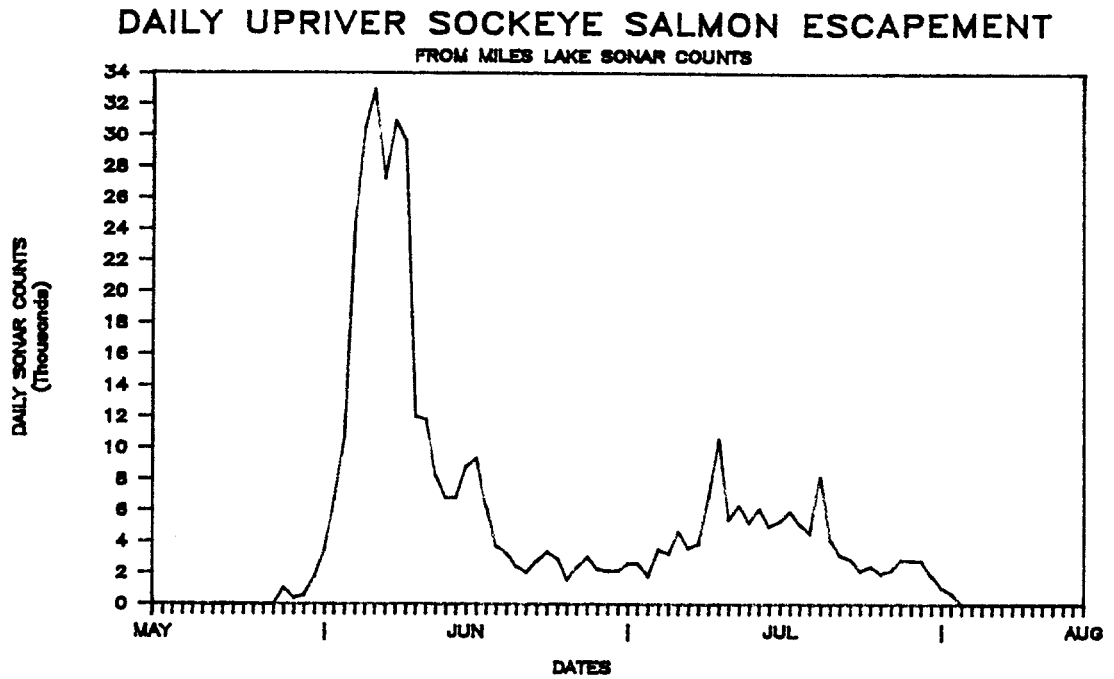


Figure 7. Sockeye salmon escapement to the upper Copper River, Copper River delta, and Bering River from the commercial drift gill net fisheries in the Copper and Bering River Districts and the estimated age composition of those escapements, 1985. The upriver escapement is from hydroacoustic enumeration at the Miles Lake Sonar Project and the coastal escapements are based on data from periodic aerial surveys.



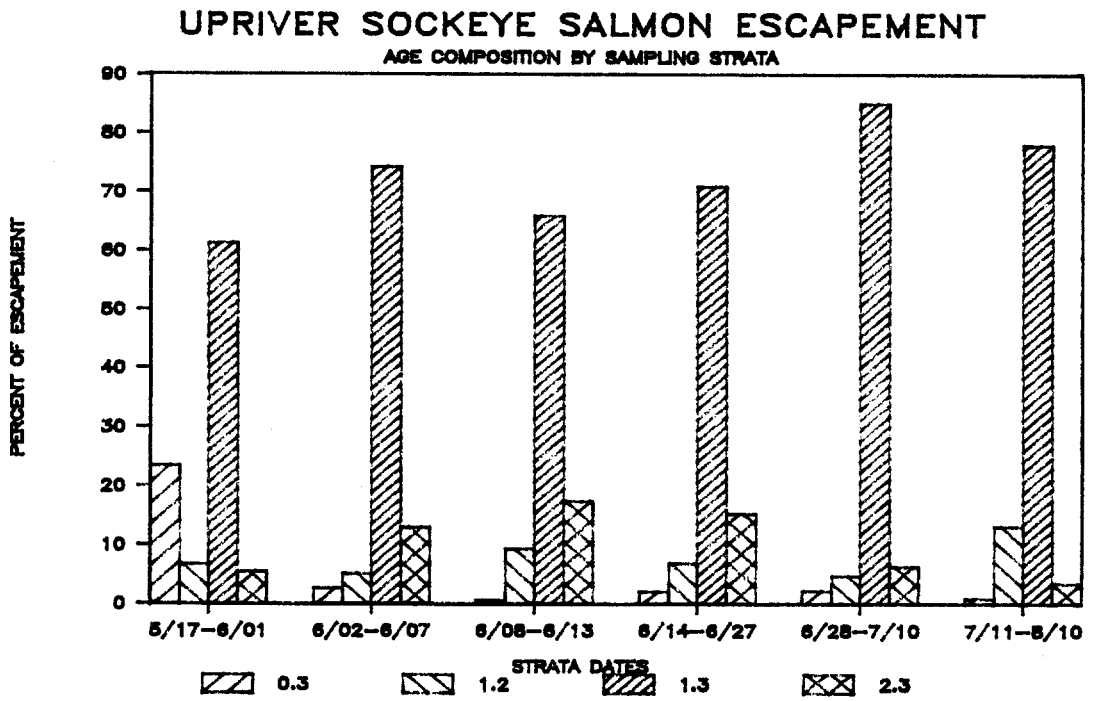
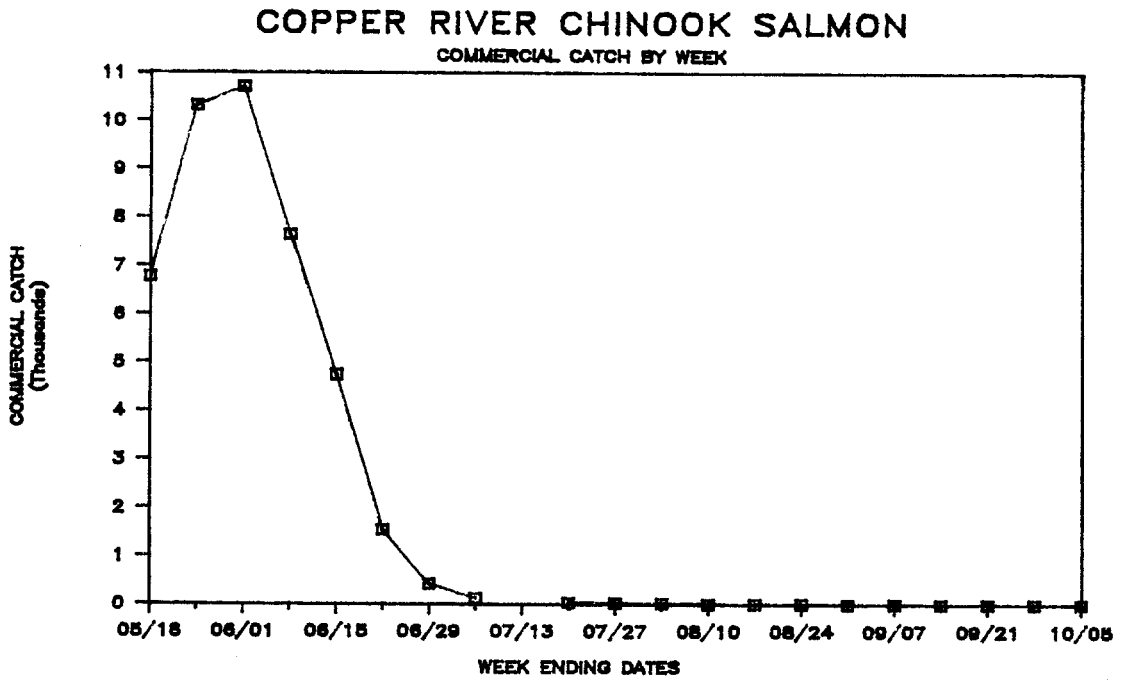


Figure 8. Daily counts of the sockeye salmon escapement to the upper Copper River past the Miles Lake Sonar Project and the temporally stratified age composition of that escapement, 1985.



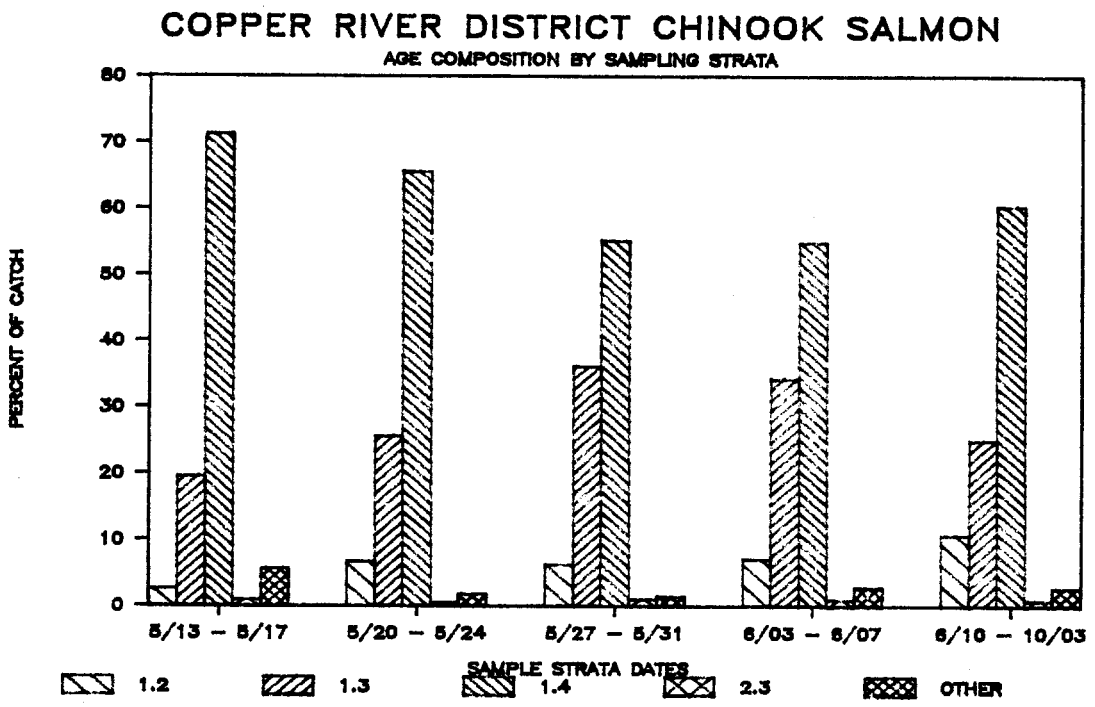
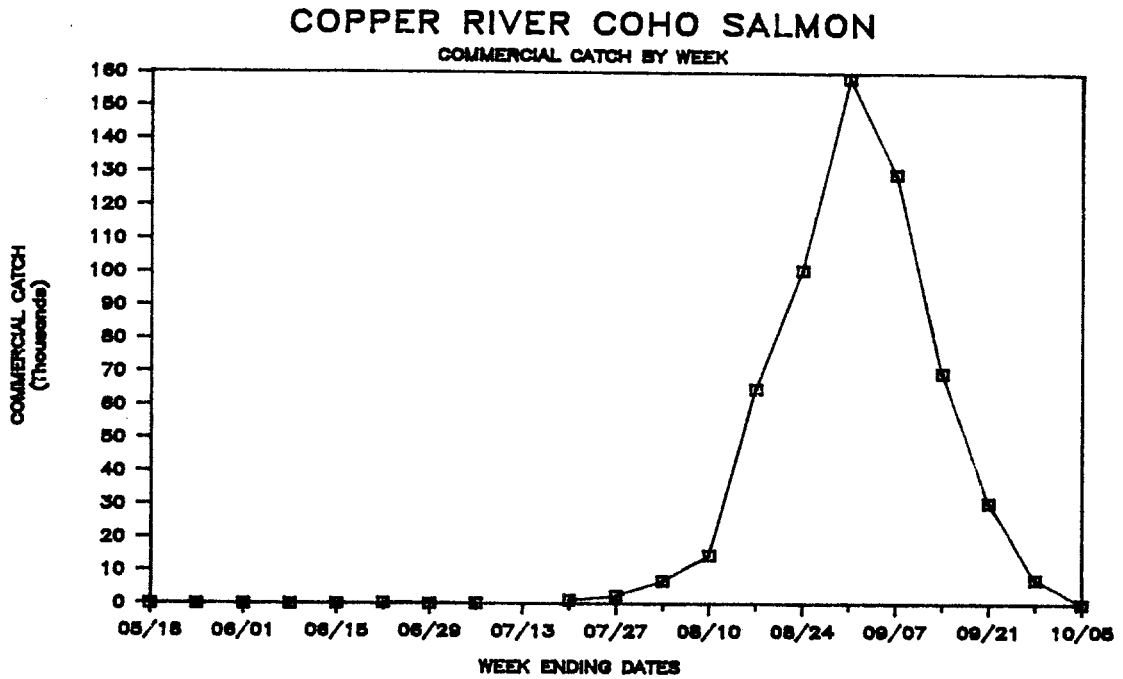


Figure 9. Chinook salmon commercial catch by period in the Copper River District drift gill net fishery and the age composition of chinook salmon in the temporally stratified samples from those catches, 1985.



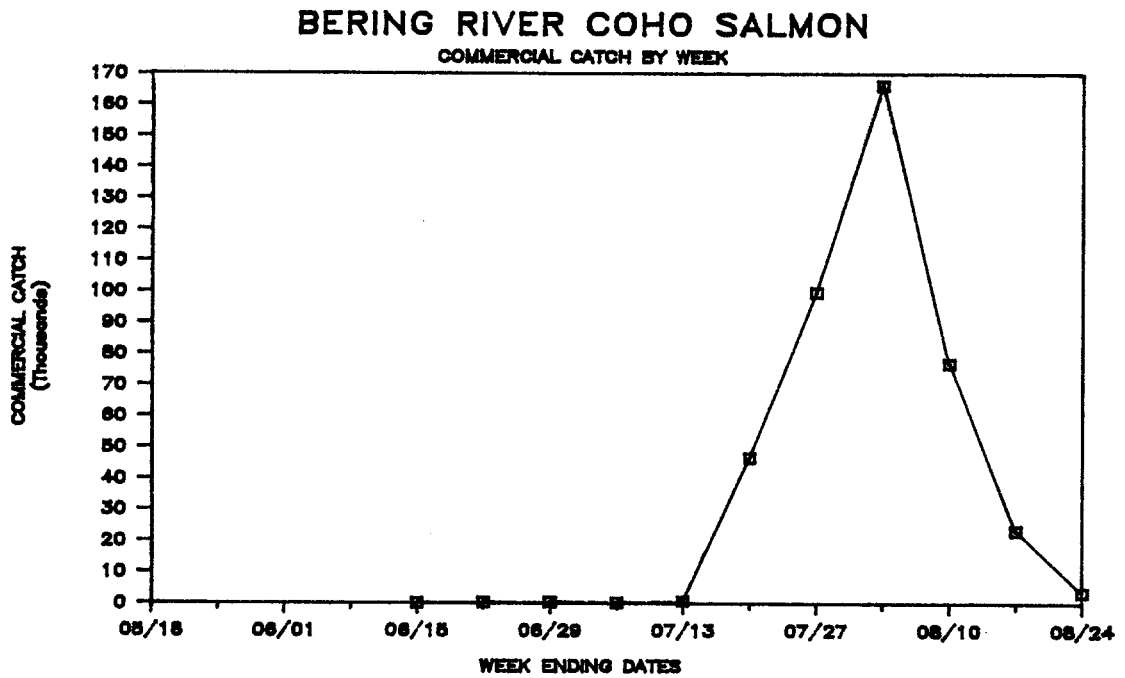
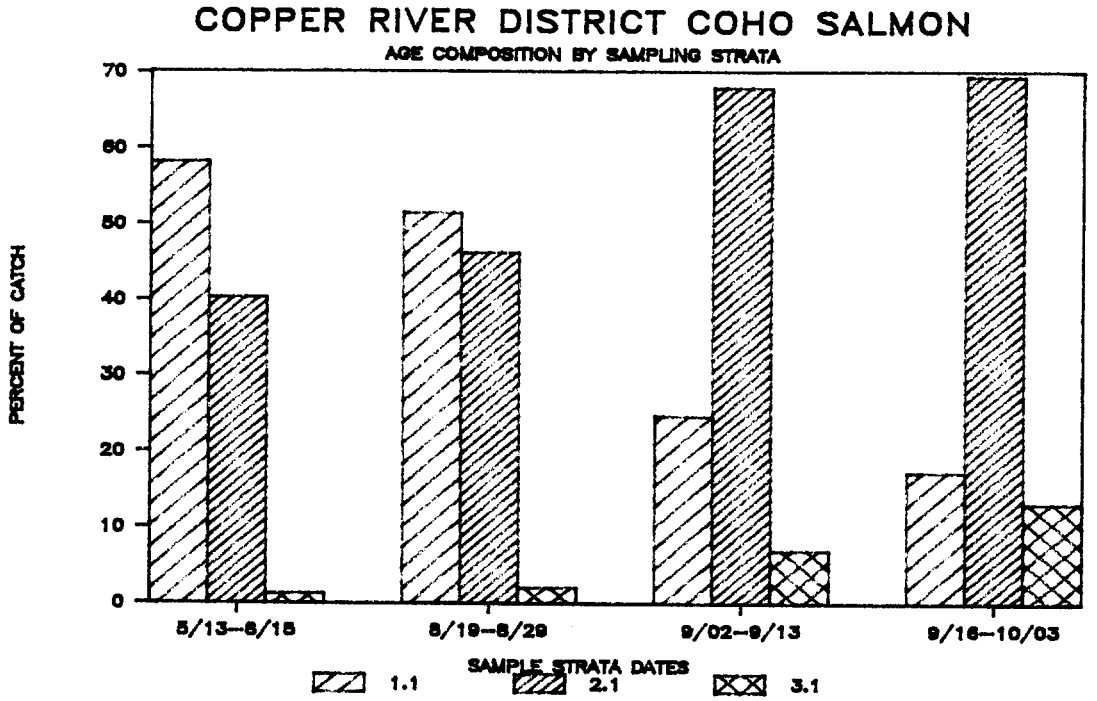


Figure 10. Coho salmon commercial catch by period in the drift gill net fisheries of the Copper River and Bering River Districts, 1985.



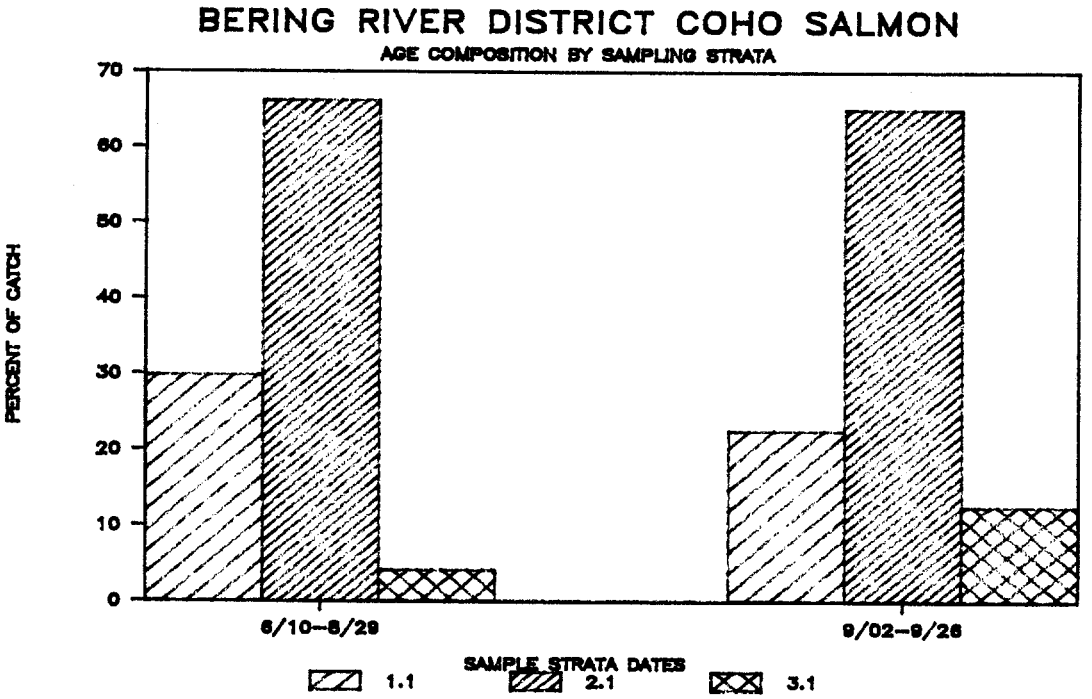


Figure 11. The age composition of coho salmon in the temporally stratified catch samples from the drift gill net fisheries in the Copper and Bering River Districts, 1985.

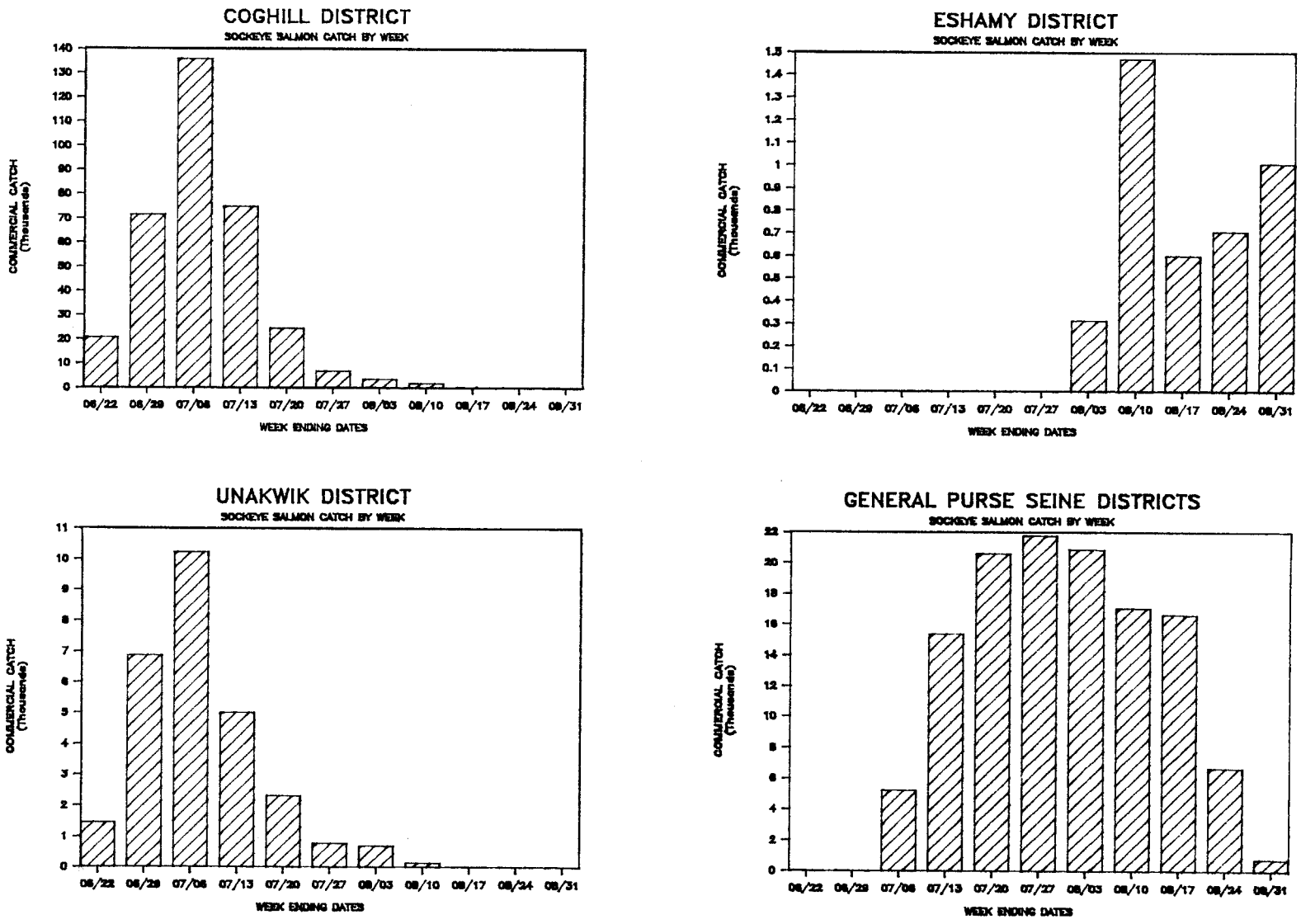


Figure 12. Commercial catch of sockeye salmon by calendar week in the Coghill, Unakwik, and Eshamy gill net fisheries and in the combined purse seine fisheries of Prince William Sound, 1985.

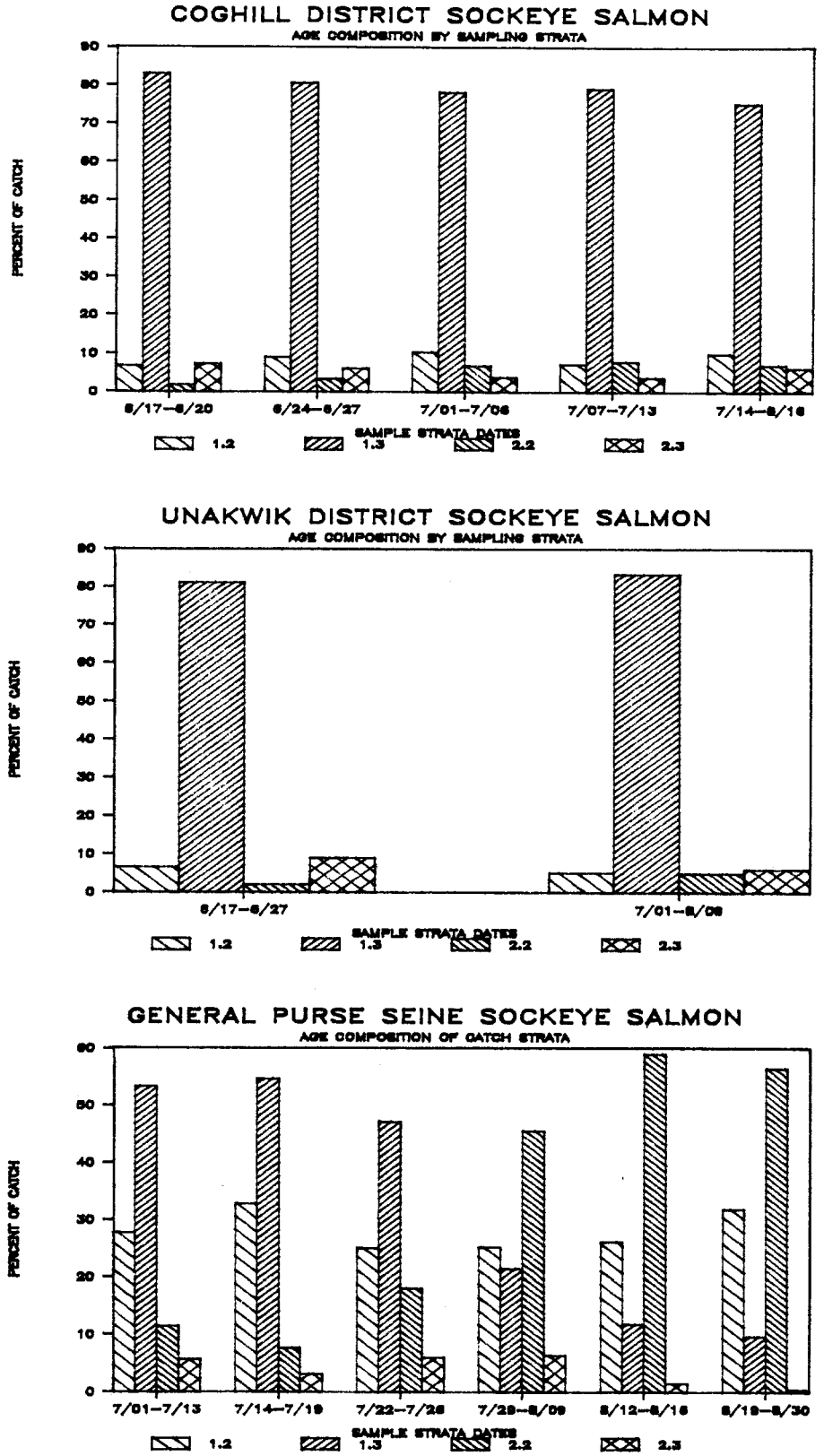


Figure 13. Age composition of sockeye salmon in the temporally stratified samples from the commercial catches in the Coghill, Unakwik, and Eshamy gill net fisheries and in the combined purse seine fisheries of Prince William Sound, 1985.

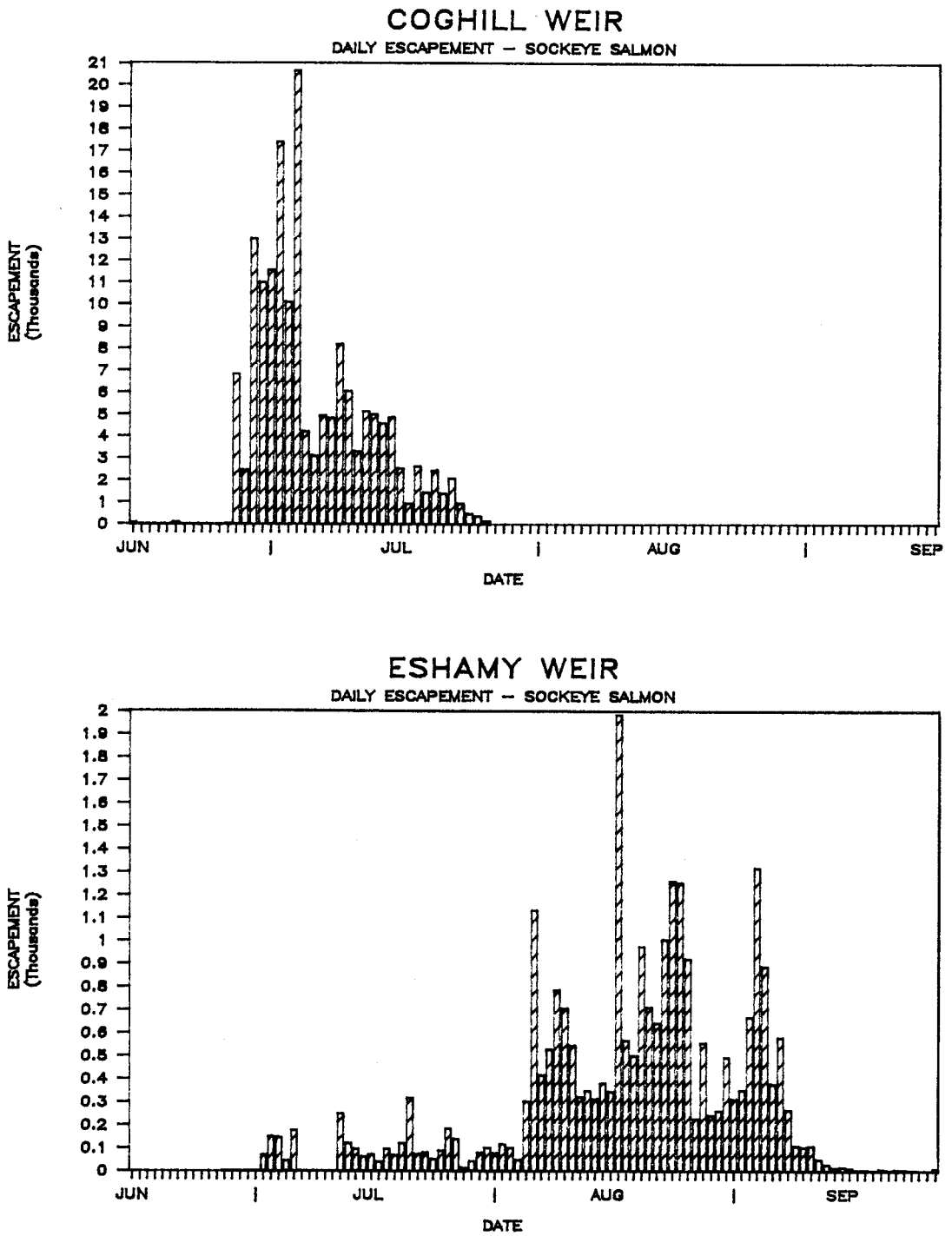
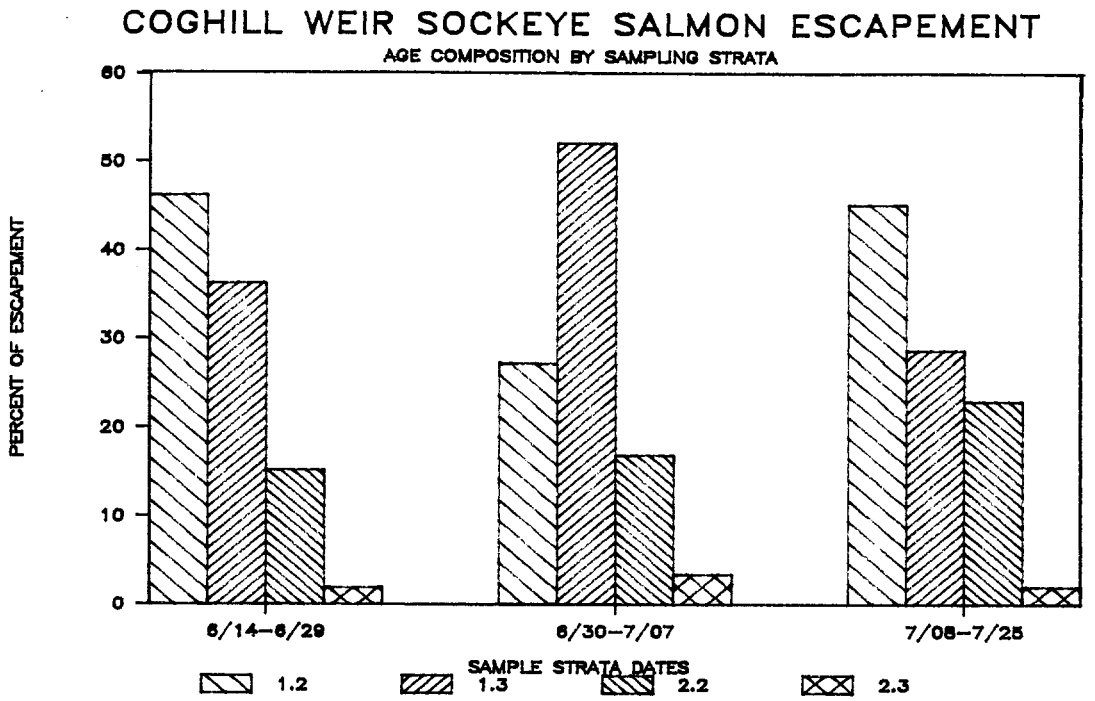


Figure 14. Daily escapements of sockeye salmon through the weirs at Coghill Lake and Eshamy Lake, Prince William Sound, 1985.



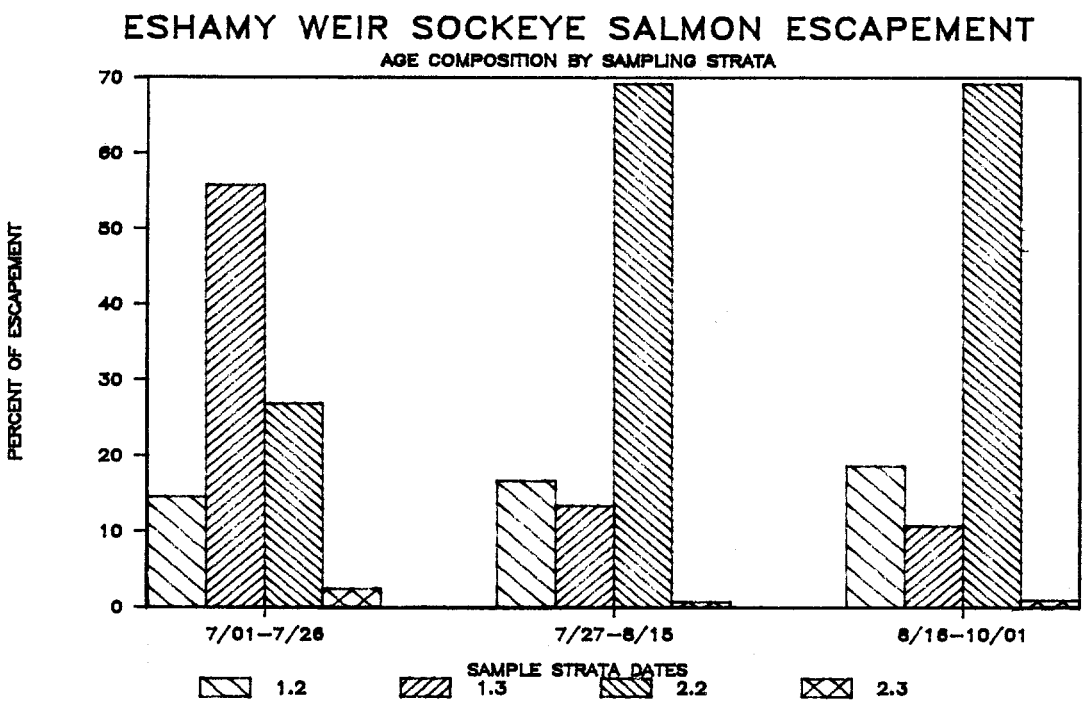


Figure 15. Age composition of sockeye salmon in the temporally stratified samples from the escapements through the weirs at Coghill Lake and Eshamy Lake, Prince William Sound, 1985.

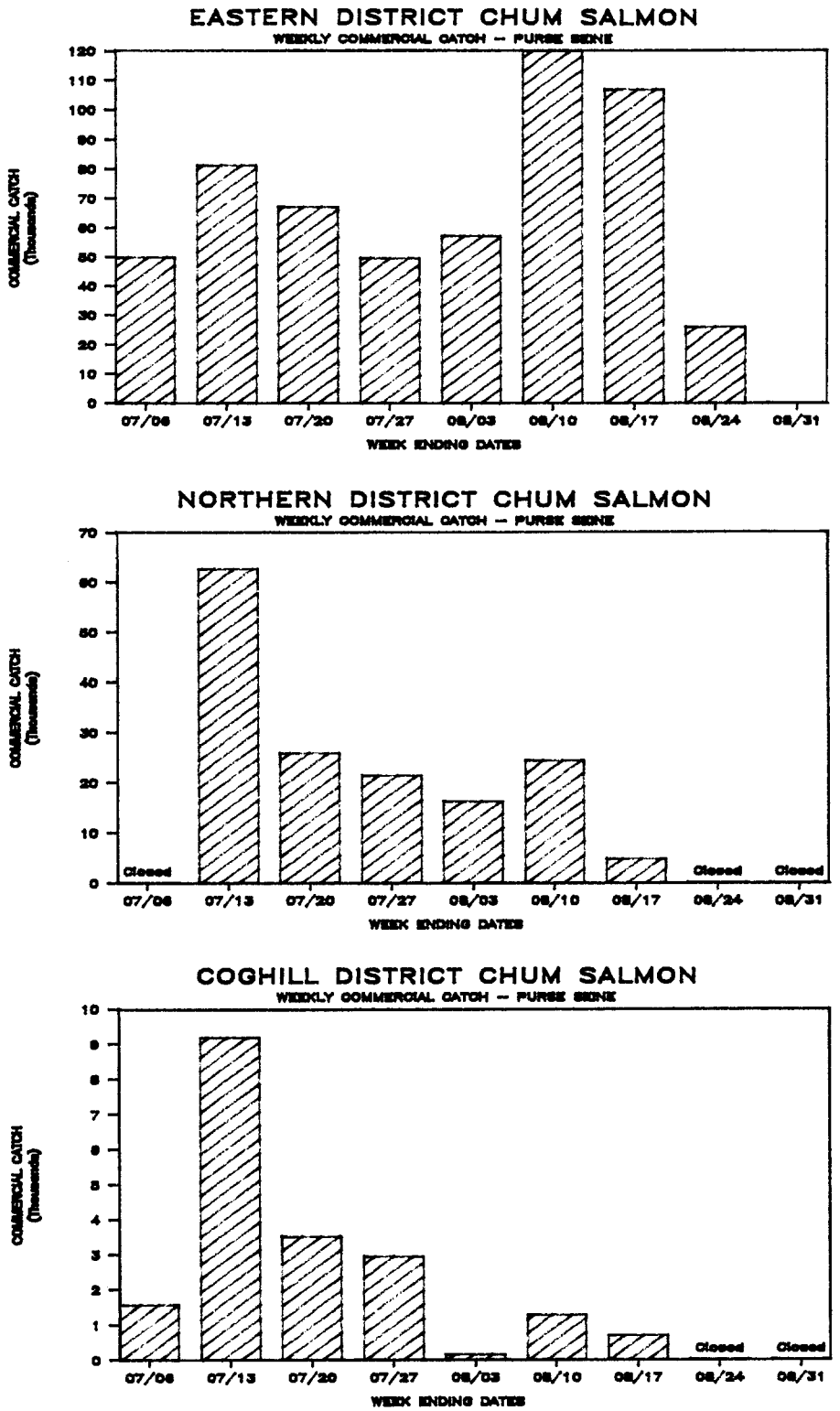


Figure 16. Weekly commercial catch of chum salmon in the six most important purse seine districts in Prince William Sound, 1985.

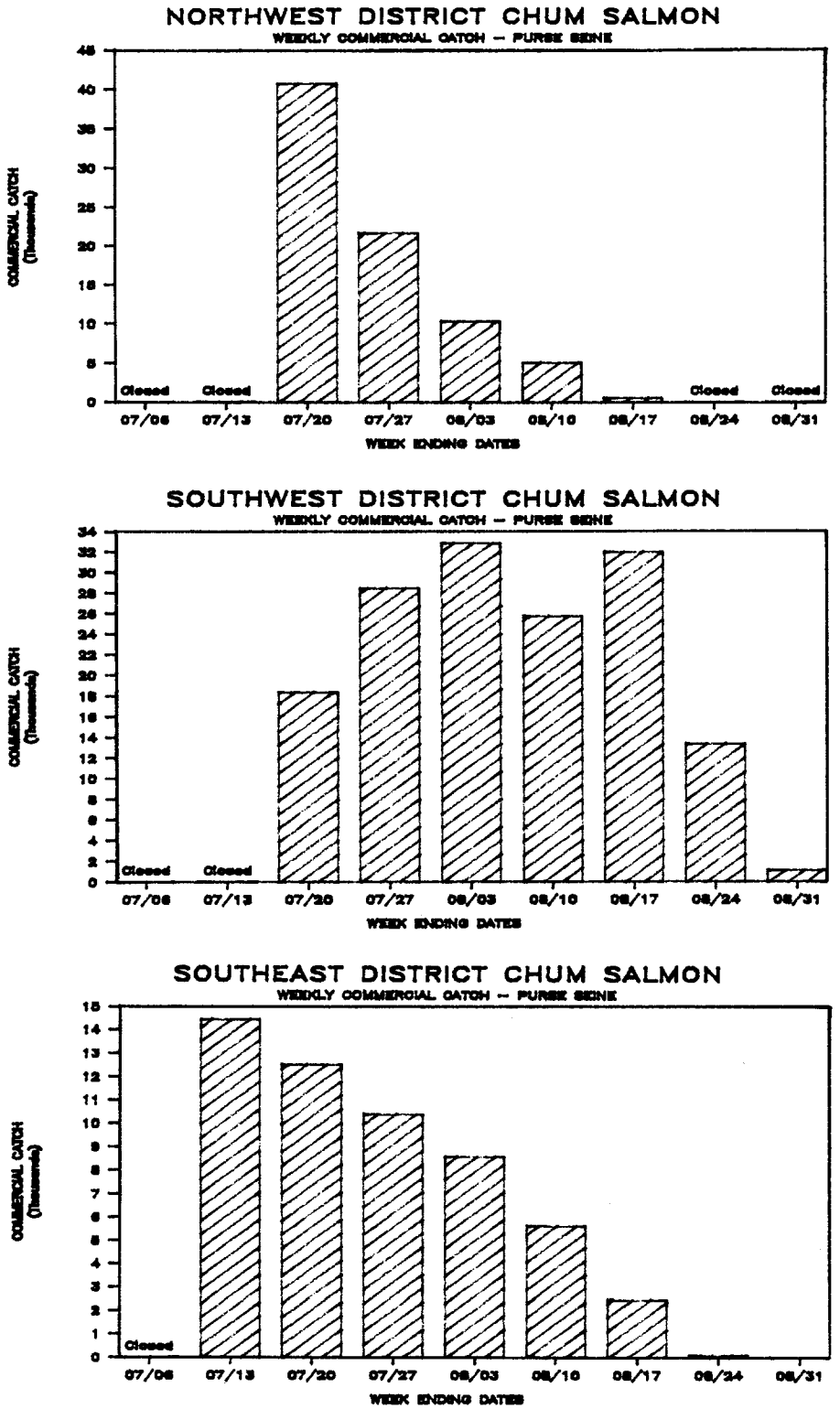


Figure 16. (page 2 of 2)

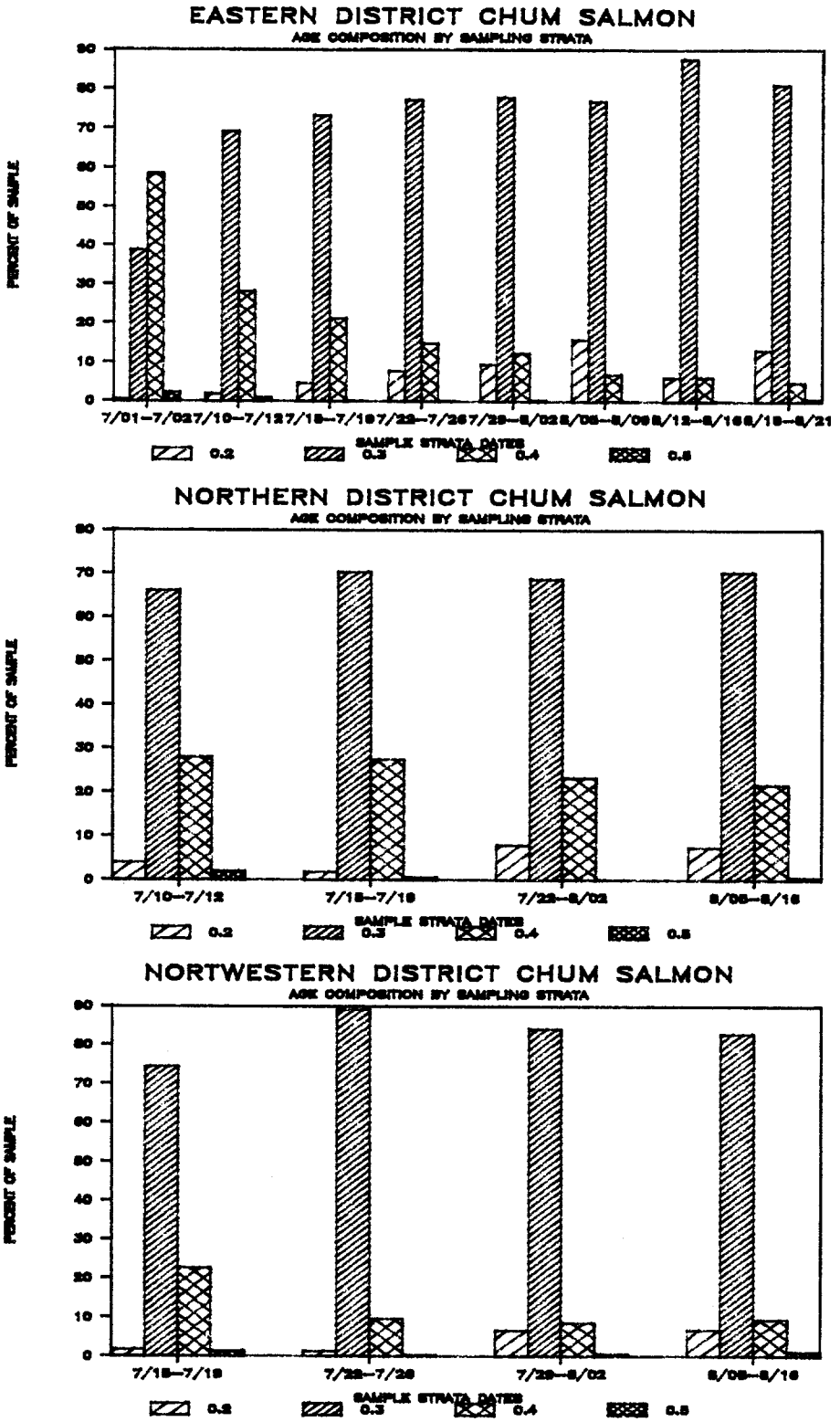


Figure 17. The age composition of chum salmon in the temporally stratified samples from the catches in five of the most important purse seine districts in Prince William Sound, 1985.

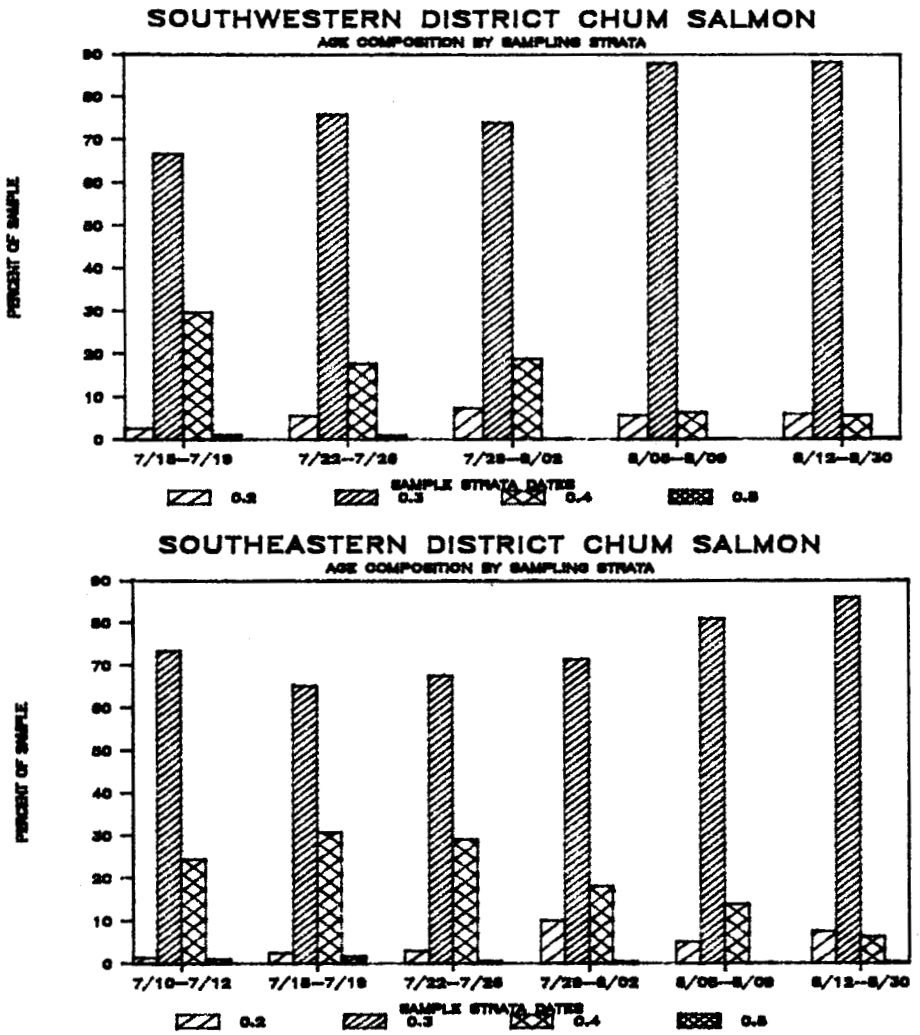
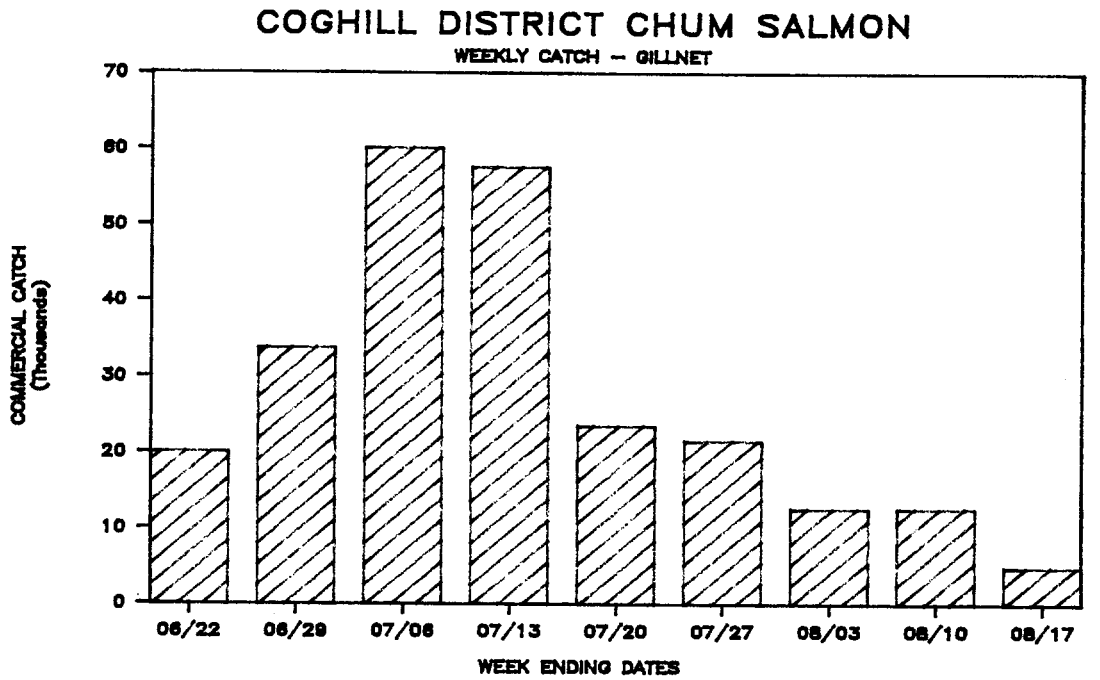


Figure 17. (page 2 of 2).



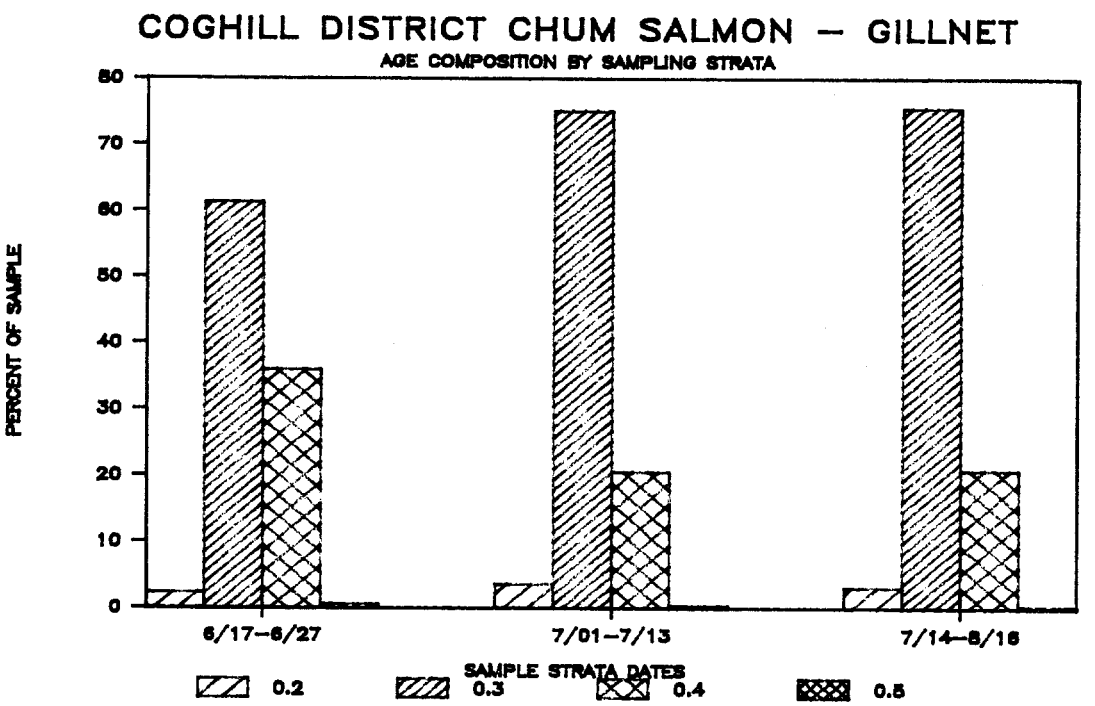
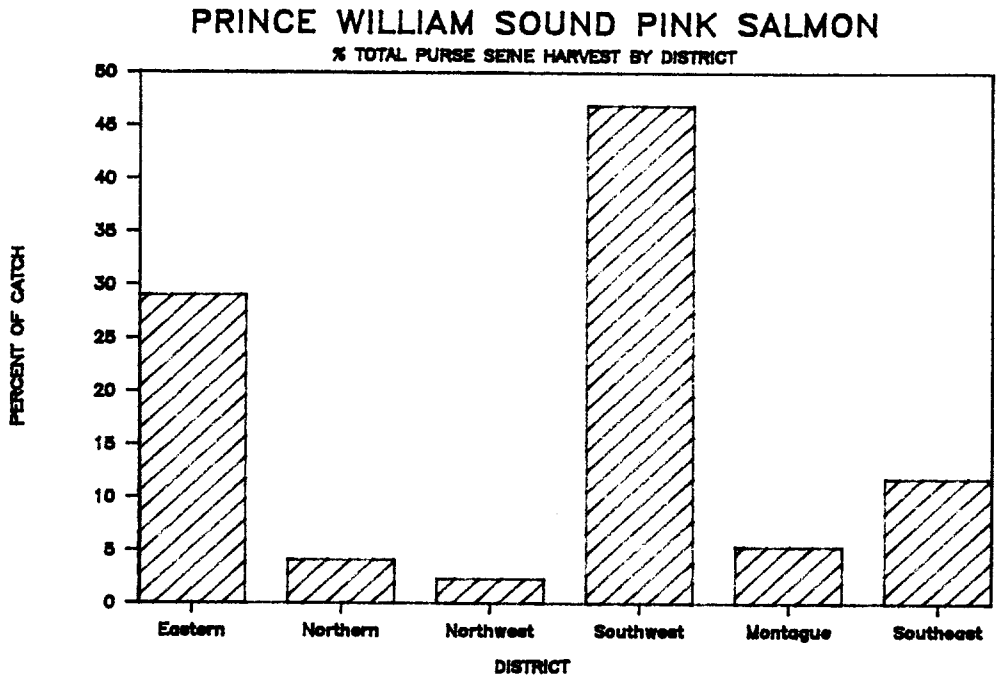


Figure 18. Weekly commercial catches of chum salmon in the Coghill District and the age composition of chum salmon in the temporally stratified samples from the drift gill net catch in the district, 1985.



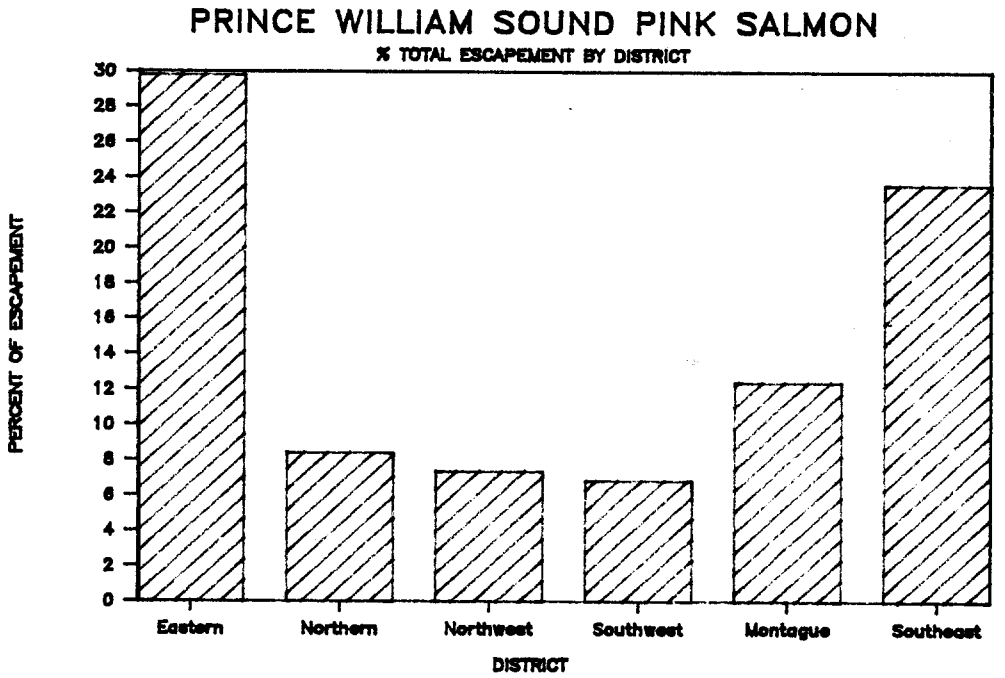


Figure 19. Percent of the pink salmon common property purse seine catch and the percent of the escapements of wild stock pink salmon which occurred in the six most important purse seine districts in Prince William Sound, 1985.

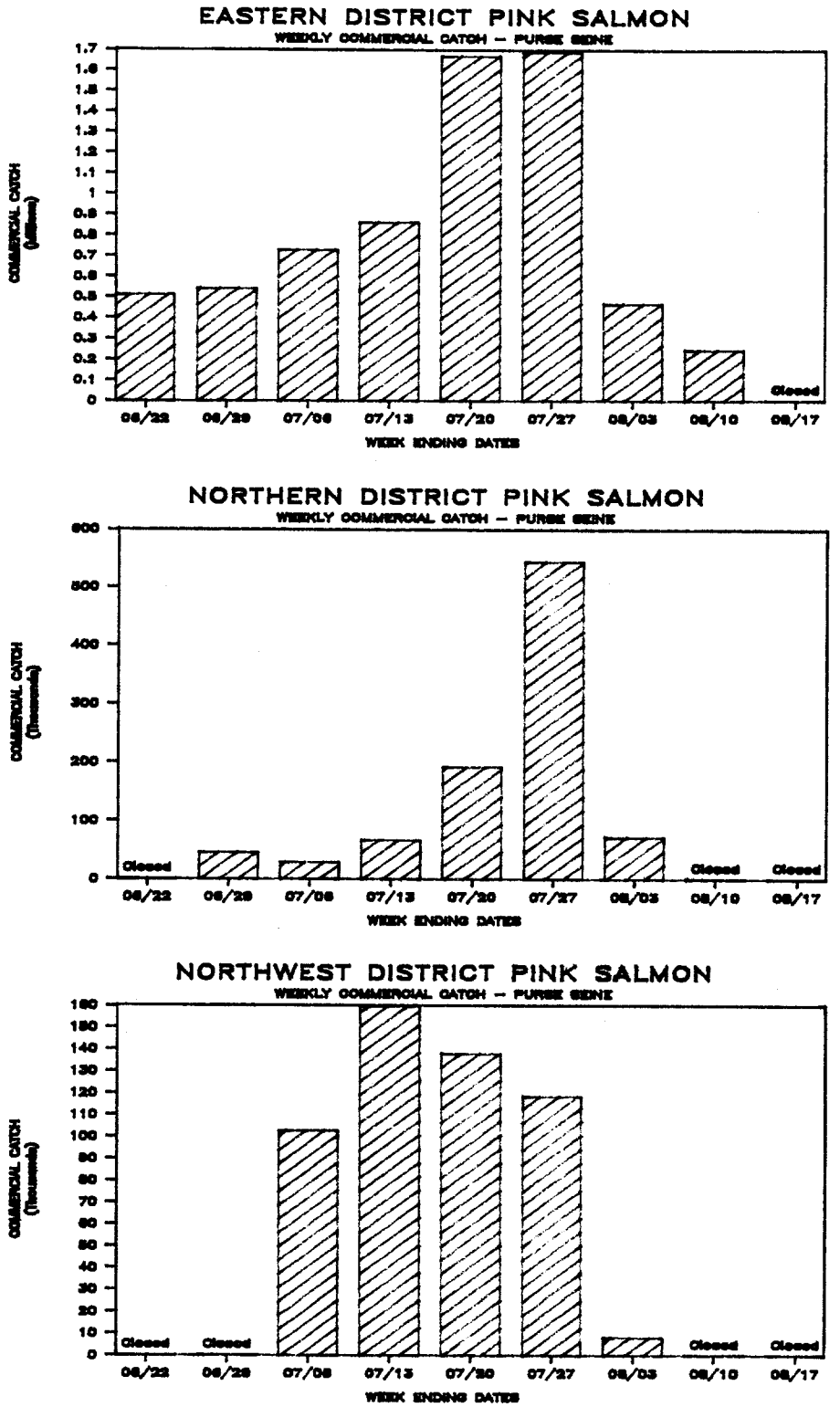


Figure 20. Weekly commercial catch of pink salmon in the common property fisheries in the six most important purse seine districts in Prince William Sound, 1985.

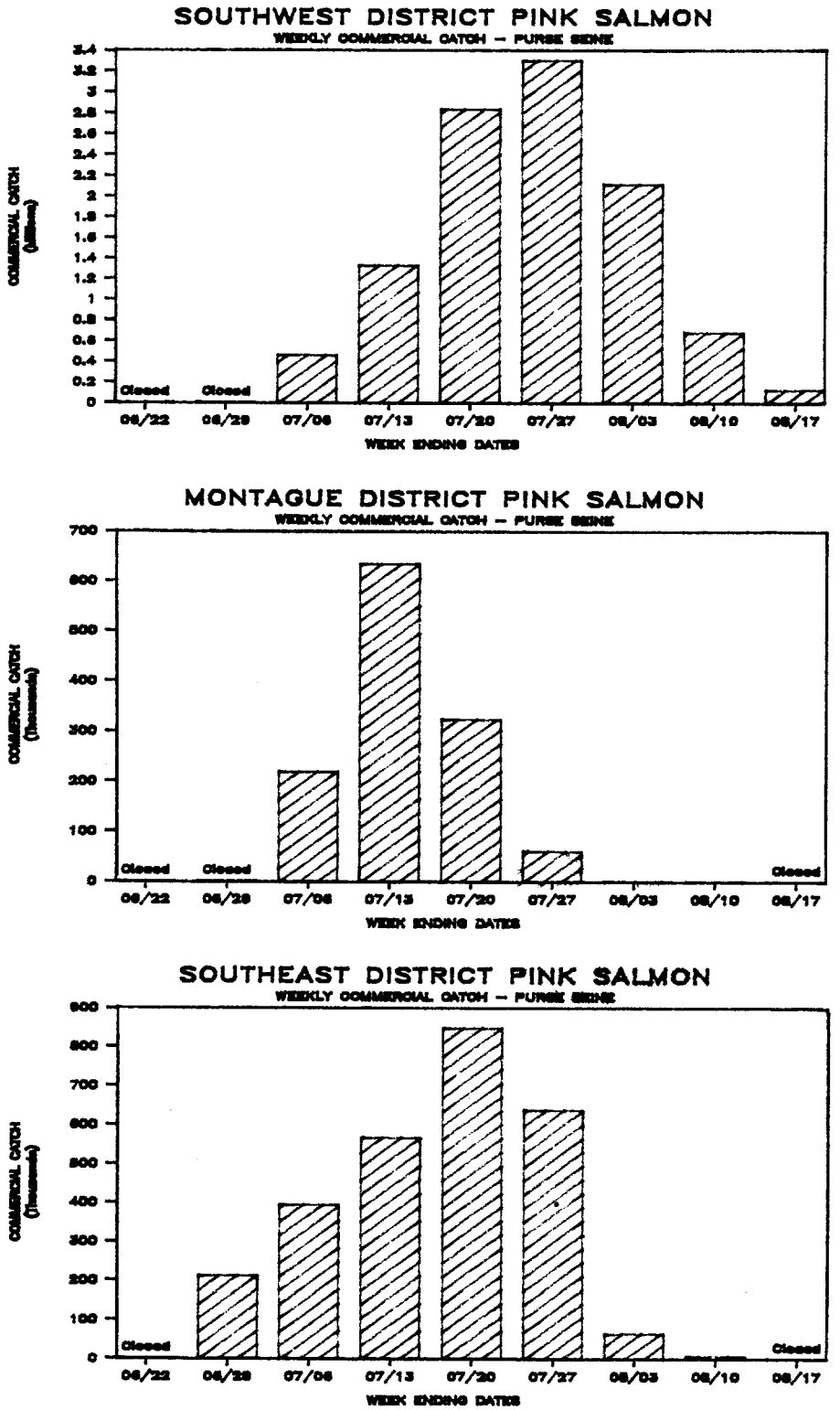


Figure 20. (page 2 of 2).

APPENDIX A

Catches from the Copper and Bering River areas (Districts 200 and 212)

Appendix A.1. Commercial drift gill net catch of salmon by species and period in the Copper River District, 1985.[a]

Stat Week	Fishing Date(s)	Time (Hrs)	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
20	5/13-5/14	24	446	3,577	103,607	46,386	277,276	0	0	0	0	10	90
	5/16-5/17	24	456	3,210	91,124	87,608	513,613	3	18	0	0	42	276
21	5/20-5/21	24	478	3,836	107,882	98,329	575,557	4	23	0	0	214	1,745
	5/23-5/24	24	475	6,476	175,545	87,189	514,603	1	7	1	5	194	1,597
22	5/27-5/28	24	475	7,089	191,162	152,676	903,294	0	0	1	5	2,157	15,900
	5/30-5/31	24	254	3,612	100,775	86,181	501,577	0	0	0	0	0	0
23	6/03-6/04	24	417	4,270	122,406	57,422	337,281	1	6	1	4	195	1,285
	6/06-6/07	24	489	3,372	92,658	50,970	302,059	11	90	3	13	681	4,948
24	6/10-6/11	36	435	2,539	70,771	47,059	281,324	8	56	4	16	436	3,181
	6/13-6/15	36	392	2,199	61,665	48,613	287,535	20	136	20	75	504	3,687
25	6/17-6/19	48	273	859	25,608	30,330	177,767	1	6	6	22	85	638
	6/20-6/22	36	283	682	19,456	39,726	236,835	257	1,791	76	281	609	4,463
26	6/24-6/26	48	172	411	12,163	31,075	185,911	103	727	56	224	197	1,493
27	7/01-7/03	48	108	120	3,393	25,000	149,884	181	1,413	339	1,301	344	2,512
29	7/17-7/19	48	124	28	484	12,627	77,144	1,134	8,155	1,585	6,259	58	489
30	7/22-7/24	48	80	9	153	7,673	46,518	489	3,137	741	2,946	43	338
	7/25-7/27	36	84	10	269	5,790	34,554	2,004	13,217	2,493	10,313	27	234
31	7/29-7/31	48	94	13	369	6,232	37,255	3,931	26,771	6,271	25,624	30	222
	8/01-8/03	36	77	3	45	2,494	14,482	3,132	21,373	1,674	6,714	29	249
32	8/05-8/08	87	162	5	162	4,897	28,478	14,961	110,220	4,213	16,728	38	295
33	8/12-8/15	87	252	7	139	2,013	12,152	65,072	559,000	1,264	4,882	41	353
34	8/19-8/22	87	333	5	127	632	3,958	100,787	985,822	297	867	24	194
35	8/26-8/29	87	334	1	45	171	1,133	158,771	1,648,167	16	58	8	58
36	9/02-9/05	87	317	0	0	26	169	129,585	1,397,886	0	0	0	0
37	9/09-9/12	87	263	0	0	11	64	69,455	772,061	0	0	0	0
38	9/16-9/19	87	190	0	0	2	10	30,617	338,572	0	0	0	0
39	9/23-9/26	87	91	0	0	0	0	7,438	84,091	0	0	0	0
40	9/30-10/03	87	1	0	0	0	0	24	242	0	0	0	0
Season Totals		1,443	7,555	42,333	1,180,008	931,132	5,500,433	587,990	5,972,987	19,061	76,337	5,966	44,247
Average Weights					27.9		5.9		10.2		4.0		7.4

[a]Catch and effort data are from final fish ticket summaries.

Appendix A.2. Commercial drift gill net catch by species and day in the Copper River District, 1985.[a]

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
05/13	361	2,852	82,505	33,188	198,412	0	0	0	0	1	10
05/14	162	725	21,102	13,198	78,864	0	0	0	0	9	80
05/16	365	2,463	69,605	61,091	357,614	0	0	0	0	29	193
05/17	220	747	21,519	26,517	155,999	3	18	0	0	13	83
05/20	399	2,959	83,579	73,049	425,294	0	0	0	0	60	499
05/21	233	877	24,303	25,280	150,263	4	23	0	0	154	1,246
05/23	206	2,365	64,374	26,098	155,408	0	0	0	0	71	564
05/24	383	4,111	111,171	61,091	359,195	1	7	1	5	123	1,033
05/27	382	5,245	141,682	104,046	615,039	0	0	1	5	856	6,252
05/28	297	1,844	49,480	48,630	288,255	0	0	0	0	1,301	9,648
05/30	151	1,643	45,748	36,862	214,346	0	0	0	0	0	0
05/31	169	1,969	55,027	49,319	287,231	0	0	0	0	0	0
06/03	377	3,906	112,169	47,999	281,784	0	0	0	0	110	730
06/04	68	364	10,237	9,423	55,497	1	6	1	4	85	555
06/06	176	927	26,084	13,733	81,784	0	0	1	4	148	1,081
06/07	374	2,445	66,574	37,237	220,275	11	90	2	9	533	3,867
06/10	379	1,939	53,861	34,484	206,625	8	56	0	0	205	1,464
06/11	162	600	16,910	12,575	74,699	0	0	4	16	231	1,717
06/13	168	652	18,076	13,614	80,512	7	46	5	20	134	983
06/14	252	1,121	31,427	22,968	136,067	6	46	8	31	253	1,892
06/15	124	426	12,162	12,031	70,956	7	44	7	24	117	812
06/17	172	366	10,907	11,260	66,307	1	6	3	11	28	202
06/18	138	396	11,723	13,175	77,182	0	0	3	11	25	168
06/19	31	97	2,978	5,895	34,278	0	0	0	0	32	268
06/20	127	187	5,430	12,523	74,753	145	979	43	145	276	1,838
06/21	171	354	10,517	18,531	110,056	71	514	18	77	100	777
06/22	99	141	3,509	8,672	52,026	41	298	15	59	233	1,848
06/24	123	219	6,494	15,909	94,966	34	229	21	83	62	429
06/25	71	116	3,428	7,839	47,276	19	135	4	17	6	45
06/26	50	76	2,241	7,327	43,669	50	363	31	124	129	1,019
07/01	96	80	2,302	14,195	85,407	149	1,170	230	869	319	2,327
07/02	36	29	801	7,884	47,409	22	159	76	297	23	168
07/03	12	11	290	2,921	17,068	10	84	33	135	2	17
07/17	85	11	156	5,848	36,112	452	3,242	421	1,736	36	314
07/18	56	12	245	4,389	26,679	295	2,082	405	1,619	19	153
07/19	24	5	83	2,390	14,353	387	2,831	759	2,904	3	22
07/22	63	6	106	4,334	25,993	383	2,304	559	2,108	3	27
07/23	25	0	0	2,757	16,923	64	485	76	325	2	11
07/24	10	3	47	582	3,602	42	348	106	513	38	300
07/25	25	5	160	1,229	7,253	498	3,264	565	2,301	19	170
07/26	47	4	103	2,642	15,768	731	4,796	504	2,113	7	54
07/27	42	1	6	1,919	11,533	775	5,157	1,424	5,899	1	10
07/29	64	6	161	2,342	14,008	1,697	11,126	1,363	5,584	8	60
07/30	53	5	183	3,026	17,963	1,959	13,396	4,140	16,980	20	148

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Date(s	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/31	10	2	25	864	5,284	275	2,249	768	3,060	2	14
08/01	25	0	0	375	2,217	900	5,909	210	915	1	5
08/02	49	2	21	1,918	11,070	1,724	11,920	620	2,414	14	138
08/03	9	1	24	201	1,195	508	3,544	844	3,385	14	106
08/05	129	3	115	2,192	12,762	6,840	49,213	1,673	6,813	5	24
08/06	70	2	47	1,154	6,820	3,210	23,159	955	3,797	0	0
08/07	70	0	0	1,022	5,844	3,005	22,269	1,176	4,506	31	255
08/08	35	0	0	529	3,052	1,906	15,579	409	1,612	2	16
08/12	175	2	42	822	4,997	18,603	159,783	476	1,862	5	41
08/13	193	0	0	528	3,132	21,691	184,662	338	1,269	18	151
08/14	162	2	57	427	2,520	13,722	118,269	177	691	6	55
08/15	182	3	40	236	1,503	11,056	96,286	273	1,060	12	106
08/19	260	4	102	296	1,817	39,606	386,705	254	711	11	88
08/20	241	0	0	162	976	24,288	235,502	11	37	0	0
08/21	167	1	25	84	540	16,389	160,239	14	54	8	68
08/22	167	0	0	90	625	20,504	203,376	18	65	5	38
08/26	269	1	45	47	287	48,798	506,903	3	10	4	28
08/27	281	0	0	80	573	47,387	490,193	5	18	2	16
08/28	273	0	0	26	159	33,971	352,146	4	16	2	14
08/29	257	0	0	18	114	28,615	298,925	4	14	0	0
09/02	266	0	0	6	44	53,649	575,436	0	0	0	0
09/03	221	0	0	12	78	29,715	320,816	0	0	0	0
09/04	231	0	0	5	30	23,446	255,131	0	0	0	0
09/05	200	0	0	3	17	22,775	246,503	0	0	0	0
09/09	203	0	0	4	20	21,398	238,881	0	0	0	0
09/10	185	0	0	3	19	20,017	221,820	0	0	0	0
09/11	149	0	0	4	25	16,061	177,658	0	0	0	0
09/12	137	0	0	0	0	11,930	133,209	0	0	0	0
09/16	159	0	0	0	0	16,085	178,251	0	0	0	0
09/17	123	0	0	2	10	9,430	104,452	0	0	0	0
09/18	70	0	0	0	0	4,775	52,279	0	0	0	0
09/19	8	0	0	0	0	376	4,083	0	0	0	0
09/23	61	0	0	0	0	2,973	33,014	0	0	0	0
09/24	48	0	0	0	0	2,536	29,259	0	0	0	0
09/25	16	0	0	0	0	962	11,000	0	0	0	0
09/26	16	0	0	0	0	967	10,818	0	0	0	0
10/03	0	0	0	0	0	24	242	0	0	0	0
Season Totals		42,333	1,180,008	931,132	5,500,433	587,990	5,972,987	19,061	76,337	5,966	44,247
Average Weights			27.9		5.9		10.2		4.0		7.4

[a]Catch and effort data based on final fish ticket summaries.

Appendix A.3. Commercial drift gill net catch of salmon by species and day in the Copper River District, Statistical Area 212-10, 1985.[a]

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
05/13	212	1,623	46,778	19,277	115,274	0	0	0	0	0	0
05/14	111	456	13,238	8,239	49,403	0	0	0	0	8	71
05/16	225	1,419	39,896	35,810	210,106	0	0	0	0	15	95
05/17	166	557	16,248	20,985	124,071	0	0	0	0	13	83
05/20	241	1,528	43,079	28,996	171,375	0	0	0	0	40	332
05/21	155	509	14,038	13,314	78,873	4	23	0	0	99	831
05/23	99	586	16,240	7,956	47,800	0	0	0	0	52	423
05/24	195	1,457	39,542	17,708	104,692	0	0	0	0	21	156
05/27	151	1,572	43,441	30,092	180,012	0	0	0	0	239	1,822
05/28	155	1,121	30,738	21,550	127,394	0	0	0	0	489	3,615
05/30	74	593	16,939	10,459	61,420	0	0	0	0	0	0
05/31	69	548	15,202	13,998	81,332	0	0	0	0	0	0
06/03	202	1,847	53,312	19,342	114,611	0	0	0	0	87	563
06/04	37	180	5,109	4,768	28,310	0	0	1	4	55	359
06/06	125	543	15,114	7,688	46,133	0	0	1	4	60	460
06/07	193	1,179	31,834	14,475	85,829	11	90	1	4	212	1,623
06/10	155	631	17,635	10,532	63,222	2	14	0	0	61	437
06/11	65	261	7,735	4,290	25,485	0	0	3	12	48	340
06/13	73	214	6,124	5,554	33,132	2	17	3	11	32	235
06/14	118	394	11,660	8,562	50,760	0	0	5	19	54	419
06/15	92	337	9,781	10,320	60,795	6	37	7	24	91	640
06/17	90	158	4,696	5,980	34,895	0	0	3	11	28	202
06/18	77	209	6,047	6,711	38,854	0	0	1	4	25	168
06/19	26	91	2,815	5,132	30,118	0	0	0	0	32	268
06/20	83	60	1,683	5,856	35,078	137	915	33	109	207	1,389
06/21	92	132	3,810	7,066	41,948	40	281	14	63	51	446
06/22	62	77	1,620	5,896	35,477	41	298	13	51	174	1,427
06/24	74	75	1,941	6,237	36,455	34	229	18	72	62	429
06/25	35	14	415	2,489	15,071	19	135	4	17	4	32
06/26	40	67	1,974	6,035	35,900	23	171	20	80	99	813
07/01	48	25	844	6,437	38,561	138	1,091	89	361	153	1,138
07/02	4	0	0	465	2,689	10	61	74	289	22	160
07/03	8	7	171	2,537	14,813	10	84	31	127	2	17
07/17	61	7	124	2,996	18,537	355	2,571	301	1,245	25	205
07/18	32	4	143	1,724	10,665	236	1,660	244	964	13	105
07/19	22	5	83	2,164	12,983	387	2,831	757	2,896	3	22
07/22	47	5	91	2,011	11,896	332	1,990	525	1,983	3	27
07/23	7	0	0	312	1,820	39	288	22	87	2	11
07/24	4	3	47	260	1,660	41	340	105	508	38	300
07/25	22	5	160	1,062	6,322	464	3,031	564	2,297	19	170
07/26	22	1	15	876	5,129	461	2,694	151	564	1	6
07/27	25	1	6	1,103	6,669	664	4,403	1,364	5,650	1	10
07/29	45	5	136	1,255	7,635	1,468	9,601	610	2,576	0	0

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Appendix A.3. (page 2 of 2)

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/30	30	4	153	1,128	6,981	1,052	7,104	3,455	14,209	19	140
07/31	9	2	25	854	5,222	251	2,046	365	1,410	0	0
08/01	25	0	0	375	2,217	900	5,909	210	915	1	5
08/02	34	2	21	568	3,234	1,328	8,960	338	1,295	14	138
08/03	8	1	24	160	953	375	2,534	824	3,299	14	106
08/05	103	2	100	1,007	6,007	5,581	40,167	1,248	5,015	1	10
08/06	46	1	18	204	1,273	1,690	12,294	365	1,422	0	0
08/07	48	0	0	340	2,059	1,491	11,070	917	3,535	30	250
08/08	18	0	0	189	1,160	804	6,654	266	1,070	2	16
08/12	135	1	17	380	2,387	13,492	117,178	373	1,445	5	41
08/13	145	0	0	321	1,959	15,719	134,021	276	1,022	18	151
08/14	127	1	12	172	1,078	9,493	81,587	99	411	5	47
08/15	150	2	28	130	857	8,560	74,359	253	990	12	106
08/19	166	3	80	108	670	21,288	211,906	237	649	1	6
08/20	157	0	0	72	446	12,476	122,768	11	37	0	0
08/21	109	1	25	34	236	8,270	81,873	9	35	4	32
08/22	127	0	0	43	320	14,371	143,694	18	65	4	28
08/26	176	1	45	19	119	25,006	263,976	2	7	4	28
08/27	160	0	0	27	211	20,195	211,713	4	15	1	7
08/28	153	0	0	7	40	12,109	126,940	3	13	1	6
08/29	174	0	0	10	65	12,485	130,720	2	7	0	0
09/02	136	0	0	3	21	20,499	222,018	0	0	0	0
09/03	89	0	0	3	21	7,792	85,156	0	0	0	0
09/04	111	0	0	1	6	8,450	92,651	0	0	0	0
09/05	111	0	0	2	12	10,497	115,539	0	0	0	0
09/09	108	0	0	4	20	8,776	98,761	0	0	0	0
09/10	111	0	0	2	14	8,612	96,669	0	0	0	0
09/11	75	0	0	3	19	7,303	82,110	0	0	0	0
09/12	99	0	0	0	0	7,926	88,908	0	0	0	0
09/16	109	0	0	0	0	8,387	95,827	0	0	0	0
09/17	84	0	0	2	10	5,295	59,714	0	0	0	0
09/18	43	0	0	0	0	2,125	23,867	0	0	0	0
09/19	6	0	0	0	0	319	3,438	0	0	0	0
09/23	50	0	0	0	0	2,014	22,952	0	0	0	0
09/24	39	0	0	0	0	2,061	24,139	0	0	0	0
09/25	10	0	0	0	0	466	5,345	0	0	0	0
09/26	11	0	0	0	0	631	7,178	0	0	0	0
10/03	0	0	0	0	0	24	242	0	0	0	0
Season Totals		18,527	521,052	394,687	2,340,821	293,037	2,954,842	14,239	56,898	2,776	20,966
Average Weights			28.1		5.9		10.1		4.0		7.6

[a]Catch and effort data based on final fish ticket summaries.

Appendix A.4. Commercial drift gill net catch of salmon by species and day in the Copper River District, Statistical Area 212-20, 1985.[a]

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
05/13	145	1,151	33,439	12,872	76,851	0	0	0	0	1	10
05/14	50	268	7,852	4,827	28,662	0	0	0	0	1	9
05/16	150	859	24,620	21,503	125,422	0	0	0	0	14	98
05/17	48	159	4,343	4,903	28,033	3	18	0	0	0	0
05/20	188	1,123	31,395	39,118	225,711	0	0	0	0	20	167
05/21	68	276	7,714	10,686	63,715	0	0	0	0	55	415
05/23	96	1,282	34,617	12,198	71,862	0	0	0	0	15	116
05/24	187	1,967	53,035	31,583	184,072	0	0	1	5	75	669
05/27	218	2,447	65,731	55,651	327,715	0	0	1	5	290	2,055
05/28	93	513	13,279	18,165	107,313	0	0	0	0	577	4,312
05/30	87	1,013	27,839	26,367	152,734	0	0	0	0	0	0
05/31	108	1,305	36,880	34,908	203,415	0	0	0	0	0	0
06/03	149	1,520	43,213	20,928	122,095	0	0	0	0	23	167
06/04	30	181	5,063	4,384	25,664	1	6	0	0	8	63
06/06	44	312	8,995	3,560	20,966	0	0	0	0	76	531
06/07	134	827	22,944	11,638	68,342	0	0	1	5	191	1,325
06/10	112	824	23,664	10,063	59,686	0	0	0	0	16	86
06/11	47	239	6,663	4,096	24,410	0	0	0	0	10	71
06/13	44	279	8,333	4,226	24,672	1	5	0	0	17	98
06/14	85	513	14,671	7,539	44,494	5	40	1	5	53	350
06/15	17	70	2,030	905	5,418	1	7	0	0	5	26
06/17	40	152	4,694	2,618	15,553	0	0	0	0	0	0
06/18	37	146	4,469	3,216	19,727	0	0	2	7	0	0
06/19	1	0	0	51	306	0	0	0	0	0	0
06/20	29	87	2,761	4,075	24,177	6	50	9	32	55	357
06/21	47	146	4,602	5,075	30,646	19	161	4	14	19	144
06/22	23	55	1,661	1,726	10,125	0	0	0	0	58	411
06/24	29	107	3,409	5,969	36,106	0	0	0	0	0	0
06/25	21	68	2,131	2,673	16,246	0	0	0	0	0	0
06/26	7	9	267	839	5,139	23	163	7	28	30	206
07/01	45	43	1,183	5,527	33,484	8	59	2	8	4	29
07/02	21	12	344	2,786	16,986	10	83	0	0	0	0
07/03	4	4	119	384	2,255	0	0	2	8	0	0
07/17	17	4	32	1,347	8,344	87	603	97	388	9	95
07/18	5	3	29	505	3,023	25	179	17	57	5	42
07/19	1	0	0	155	920	0	0	2	8	0	0
07/22	1	0	0	16	81	2	15	21	69	0	0
07/23	3	0	0	361	2,330	0	0	0	0	0	0
07/24	1	0	0	45	275	0	0	0	0	0	0
07/25	1	0	0	43	261	6	33	0	0	0	0
07/26	4	1	3	115	735	17	136	6	29	5	38
07/27	1	0	0	11	70	6	45	1	5	0	0
07/29	1	0	0	24	135	2	8	0	0	0	0

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Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/30	2	0	0	116	727	68	470	0	0	0	0
08/02	2	0	0	23	140	40	319	24	95	0	0
08/03	1	0	0	32	192	43	365	12	51	0	0
08/05	3	0	0	17	110	28	201	0	0	0	0
08/06	1	0	0	11	66	20	117	0	0	0	0
08/07	5	0	0	96	560	260	1,855	60	234	0	0
08/08	3	0	0	19	148	92	672	74	283	0	0
08/12	8	0	0	19	97	716	5,338	12	41	0	0
08/13	17	0	0	5	26	986	8,785	9	35	0	0
08/14	4	0	0	0	0	546	5,088	0	0	0	0
08/15	3	0	0	0	0	268	2,363	0	0	0	0
08/19	27	0	0	49	317	2,522	24,918	1	3	2	14
08/20	39	0	0	34	216	5,728	56,458	0	0	0	0
08/21	13	0	0	9	62	838	8,504	0	0	0	0
08/22	7	0	0	12	87	761	7,660	0	0	0	0
08/26	34	0	0	9	44	6,131	63,720	1	3	0	0
08/27	32	0	0	16	98	6,027	62,184	0	0	1	9
08/28	43	0	0	7	40	6,505	68,249	1	3	1	8
08/29	21	0	0	0	0	3,383	35,302	2	7	0	0
09/02	27	0	0	1	5	3,881	42,150	0	0	0	0
09/03	23	0	0	5	29	3,751	40,717	0	0	0	0
09/04	30	0	0	0	0	3,923	43,041	0	0	0	0
09/05	6	0	0	0	0	410	4,415	0	0	0	0
09/09	21	0	0	0	0	2,167	24,155	0	0	0	0
09/10	14	0	0	1	5	1,840	20,405	0	0	0	0
09/11	15	0	0	0	0	1,876	21,005	0	0	0	0
09/12	10	0	0	0	0	764	8,405	0	0	0	0
09/16	12	0	0	0	0	1,151	13,095	0	0	0	0
09/17	2	0	0	0	0	333	3,805	0	0	0	0
09/18	1	0	0	0	0	88	1,010	0	0	0	0
09/24	1	0	0	0	0	81	929	0	0	0	0
09/26	1	0	0	0	0	50	520	0	0	0	0
Season Totals		17,965	502,024	378,162	2,221,145	55,499	577,831	370	1,428	1,636	11,921
Average Weights			27.9		5.9		10.4		3.9		7.3

[a]Catch and effort data based on final fish ticket summaries.

Appendix A.5. Commercial drift gill net catch of salmon by species and day in the Copper River District, Statistical Area 212-30, 1985.[a]

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
05/13	27	78	2,288	1,039	6,287	0	0	0	0	0	0
05/14	2	1	12	132	799	0	0	0	0	0	0
05/16	22	185	5,089	3,778	22,086	0	0	0	0	0	0
05/17	7	31	928	629	3,895	0	0	0	0	0	0
05/20	33	308	9,105	4,935	28,208	0	0	0	0	0	0
05/21	13	92	2,551	1,280	7,675	0	0	0	0	0	0
05/23	35	497	13,517	5,944	35,746	0	0	0	0	4	25
05/24	61	687	18,594	11,800	70,431	1	7	0	0	27	208
05/27	83	1,226	32,510	18,303	107,312	0	0	0	0	327	2,375
05/28	60	210	5,463	8,915	53,548	0	0	0	0	235	1,721
05/30	3	37	970	36	192	0	0	0	0	0	0
05/31	6	116	2,945	413	2,484	0	0	0	0	0	0
06/03	70	539	15,644	7,729	45,078	0	0	0	0	0	0
06/04	3	3	65	271	1,523	0	0	0	0	22	133
06/06	17	72	1,975	2,485	14,685	0	0	0	0	12	90
06/07	92	439	11,796	11,124	66,104	0	0	0	0	130	919
06/10	137	484	12,562	13,889	83,717	6	42	0	0	128	941
06/11	54	100	2,512	4,189	24,804	0	0	1	4	173	1,306
06/13	56	159	3,619	3,834	22,708	4	24	2	9	85	650
06/14	76	214	5,096	6,867	40,813	1	6	2	7	146	1,123
06/15	15	19	351	806	4,743	0	0	0	0	21	146
06/17	50	56	1,517	2,662	15,859	1	6	0	0	0	0
06/18	30	41	1,207	3,248	18,601	0	0	0	0	0	0
06/19	4	6	163	712	3,854	0	0	0	0	0	0
06/20	21	40	986	2,592	15,498	2	14	1	4	14	92
06/21	41	76	2,105	6,390	37,462	12	72	0	0	30	187
06/22	15	9	228	1,050	6,424	0	0	2	8	1	10
06/24	28	37	1,144	3,703	22,405	0	0	3	11	0	0
06/25	17	34	882	2,677	15,959	0	0	0	0	2	13
06/26	4	0	0	453	2,630	4	29	4	16	0	0
07/01	16	12	275	2,231	13,362	3	20	139	500	162	1,160
07/02	14	17	457	4,633	27,734	2	15	2	8	1	8
07/17	12	0	0	1,505	9,231	10	68	23	103	2	14
07/18	21	5	73	2,160	12,991	34	243	144	598	1	6
07/19	1	0	0	71	450	0	0	0	0	0	0
07/22	18	1	15	2,307	14,016	49	299	13	56	0	0
07/23	15	0	0	2,084	12,773	25	197	54	238	0	0
07/24	5	0	0	277	1,667	1	8	1	5	0	0
07/25	2	0	0	124	670	28	200	1	4	0	0
07/26	23	2	85	1,651	9,904	253	1,966	347	1,520	1	10
07/27	16	0	0	805	4,794	105	709	59	244	0	0
07/29	19	1	25	1,063	6,238	227	1,517	753	3,008	8	60
07/30	23	1	30	1,782	10,255	839	5,822	685	2,771	1	8

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Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/31	1	0	0	10	62	24	203	403	1,650	2	14
08/02	14	0	0	1,327	7,696	356	2,641	258	1,024	0	0
08/03	1	0	0	9	50	90	645	8	35	0	0
08/05	26	1	15	1,168	6,645	1,231	8,845	425	1,798	4	14
08/06	24	1	29	939	5,481	1,500	10,748	590	2,375	0	0
08/07	17	0	0	586	3,225	1,254	9,344	199	737	1	5
08/08	14	0	0	321	1,744	1,010	8,253	69	259	0	0
08/12	35	1	25	423	2,513	4,395	37,267	91	376	0	0
08/13	32	0	0	202	1,147	4,986	41,856	53	212	0	0
08/14	33	1	45	255	1,442	3,683	31,594	78	280	1	8
08/15	33	1	12	106	646	2,228	19,564	20	70	0	0
08/19	78	1	22	139	830	15,796	149,881	16	59	8	68
08/20	51	0	0	56	314	6,084	56,276	0	0	0	0
08/21	49	0	0	41	242	7,281	69,862	5	19	4	36
08/22	37	0	0	35	218	5,372	52,022	0	0	1	10
08/26	84	0	0	19	124	17,661	179,207	0	0	0	0
08/27	95	0	0	37	264	21,165	216,296	1	3	0	0
08/28	85	0	0	12	79	15,357	156,957	0	0	0	0
08/29	71	0	0	8	49	12,747	132,903	0	0	0	0
09/02	114	0	0	2	18	29,269	311,268	0	0	0	0
09/03	112	0	0	4	28	18,172	194,943	0	0	0	0
09/04	97	0	0	4	24	11,073	119,439	0	0	0	0
09/05	86	0	0	1	5	11,868	126,549	0	0	0	0
09/09	78	0	0	0	0	10,455	115,965	0	0	0	0
09/10	61	0	0	0	0	9,565	104,746	0	0	0	0
09/11	60	0	0	1	6	6,882	74,543	0	0	0	0
09/12	29	0	0	0	0	3,240	35,896	0	0	0	0
09/16	38	0	0	0	0	6,547	69,329	0	0	0	0
09/17	38	0	0	0	0	3,802	40,933	0	0	0	0
09/18	27	0	0	0	0	2,562	27,402	0	0	0	0
09/19	2	0	0	0	0	57	645	0	0	0	0
09/23	11	0	0	0	0	959	10,062	0	0	0	0
09/24	8	0	0	0	0	394	4,191	0	0	0	0
09/25	6	0	0	0	0	496	5,655	0	0	0	0
09/26	4	0	0	0	0	286	3,120	0	0	0	0
Season Totals		5,841	156,932	158,283	938,467	239,454	2,440,314	4,452	18,011	1,554	11,360
Average Weights			26.9		5.9		10.2		4.0		7.3

[a]Catch and effort data based on final fish ticket summaries.

Appendix A.6. Commercial drift gill net catch of salmon by species and period in the Bering River District, 1985.[a]

Stat Week	Fishing Date(s)	Time (Hrs)	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
24	6/10-6/11	36	37	70	1,700	3,232	19,927	5	35	0	0	1,129	9,048
	6/13-6/15	36	42	81	1,503	10,767	64,581	103	750	81	354	4,602	31,053
25	6/17-6/19	48	18	13	357	1,415	8,516	3	20	0	0	213	1,470
	6/20-6/22	36	40	34	578	5,723	34,386	271	1,926	24	101	2,567	16,772
26	6/24-6/26	48	18	11	152	5,290	31,649	408	2,991	0	0	1,100	7,056
32	8/05-8/08	87	2	0	0	18	106	166	1,166	80	348	0	0
33	8/12-8/15	87	3	0	0	0	0	772	6,408	0	0	0	0
34	8/19-8/22	87	107	4	104	98	562	46,766	433,174	28	112	29	245
35	8/26-8/29	87	165	1	70	17	128	99,922	1,015,055	1	3	2	16
36	9/02-9/05	87	217	1	34	0	0	166,571	1,727,615	0	0	0	0
37	9/09-9/12	87	192	0	0	0	0	77,119	823,096	0	0	0	0
38	9/16-9/19	87	95	0	0	1	6	23,517	249,388	0	0	0	0
39	9/23-9/26	87	24	0	0	0	0	3,653	38,584	0	0	0	0
Season Totals		900	960	215	4,498	26,561	159,861	419,276	4,300,208	214	918	9,642	65,660
Average Weights					20.9		6.0		10.3		4.3		6.8

[a]Catch and effort data based on final fish ticket summaries.

Appendix A.7. Commercial drift gill net catch by species and day in the Bering River District, 1985.[a]

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/10	31	51	1,253	2,728	16,692	5	35	0	0	492	3,920
06/11	11	19	447	504	3,235	0	0	0	0	637	5,128
06/13	19	32	522	3,307	20,073	60	440	36	167	1,388	8,797
06/14	30	26	592	4,700	28,074	39	284	45	187	1,830	12,764
06/15	14	23	389	2,760	16,434	4	26	0	0	1,384	9,492
06/17	8	4	150	341	2,036	1	5	0	0	0	0
06/18	14	6	107	915	5,560	2	15	0	0	213	1,470
06/19	3	3	100	159	920	0	0	0	0	0	0
06/20	20	11	207	2,123	12,576	131	911	6	24	479	2,996
06/21	30	16	273	2,513	14,995	125	881	12	57	1,347	8,758
06/22	15	7	98	1,087	6,815	15	134	6	20	741	5,018
06/24	3	0	0	129	700	0	0	0	0	0	0
06/25	9	3	47	2,841	17,164	408	2,991	0	0	381	2,395
06/26	7	8	105	2,320	13,785	0	0	0	0	719	4,661
08/05	1	0	0	0	0	6	35	80	348	0	0
08/08	2	0	0	18	106	160	1,131	0	0	0	0
08/14	3	0	0	0	0	241	1,981	0	0	0	0
08/15	3	0	0	0	0	531	4,427	0	0	0	0
08/19	76	0	0	14	75	12,182	108,693	10	38	1	7
08/20	73	2	74	13	75	12,830	118,207	18	74	0	0
08/21	64	1	5	65	375	9,092	86,058	0	0	28	238
08/22	68	1	25	6	37	12,662	120,216	0	0	0	0
08/26	150	1	70	8	64	25,906	259,985	1	3	0	0
08/27	151	0	0	5	36	23,424	238,467	0	0	2	16
08/28	136	0	0	1	8	23,673	241,469	0	0	0	0
08/29	130	0	0	3	20	26,919	275,134	0	0	0	0
09/02	148	0	0	0	0	66,949	695,113	0	0	0	0
09/03	184	0	0	0	0	49,531	513,563	0	0	0	0
09/04	153	1	34	0	0	22,923	236,554	0	0	0	0
09/05	167	0	0	0	0	27,168	282,385	0	0	0	0
09/09	160	0	0	0	0	32,388	348,224	0	0	0	0
09/10	155	0	0	0	0	19,828	211,509	0	0	0	0
09/11	107	0	0	0	0	15,290	160,665	0	0	0	0
09/12	103	0	0	0	0	9,613	102,698	0	0	0	0
09/16	77	0	0	1	6	12,079	128,647	0	0	0	0
09/17	62	0	0	0	0	7,090	74,813	0	0	0	0

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Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
09/18	39	0	0	0	0	3,463	36,367	0	0	0	0
09/19	9	0	0	0	0	885	9,561	0	0	0	0
09/23	19	0	0	0	0	2,544	27,763	0	0	0	0
09/24	6	0	0	0	0	377	2,981	0	0	0	0
09/25	11	0	0	0	0	679	7,252	0	0	0	0
09/26	2	0	0	0	0	53	588	0	0	0	0
Season Totals		215	4,498	26,561	159,861	419,276	4,300,208	214	918	9,642	65,660
Average Weights			21		6		10		4		7

[a]Catch and effort data based on final fish ticket summaries.

Appendix A.8. Commercial drift gill net catch of salmon by species and day in the Bering River District, Statistical Area 200-10, 1985.

Date	No. of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/17	1	0	0	32	178	1	5	0	0	0	0
06/20	1	0	0	102	600	0	0	0	0	0	0
Season Totals	2	0	0	134	778	1	5	0	0	0	0
Average Weights			0.0		5.8		5.0		0.0		0.0

[a]Catch and effort data from final fish ticket summaries.

Appendix A.9. Commercial drift gill net catch of salmon by species and day in the Bering River District, Statistical Area 200-20, 1985.[a]

		Chinook		Sockeye		Coho		Pinks		Chums	
Date	No. of Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/10	14	27	718	1,238	7,397	0	0	0	0	149	1,318
06/11	5	9	227	144	852	0	0	0	0	296	2,558
06/13	7	12	285	856	5,004	0	0	0	0	108	775
06/14	11	7	189	1,267	7,235	0	0	0	0	107	771
06/15	1	1	15	75	455	1	5	0	0	2	12
06/17	7	4	150	309	1,858	0	0	0	0	0	0
06/18	6	1	35	211	1,210	0	0	0	0	0	0
06/19	3	3	100	159	920	0	0	0	0	0	0
06/20	5	3	108	618	3,472	0	0	0	0	0	0
06/21	2	3	63	271	1,530	0	0	0	0	0	0
06/22	1	0	0	42	260	0	0	0	0	20	132
06/24	3	0	0	129	700	0	0	0	0	0	0
08/05	1	0	0	0	0	6	35	80	348	0	0
08/08	2	0	0	18	106	160	1,131	0	0	0	0
08/14	3	0	0	0	0	241	1,981	0	0	0	0
08/15	3	0	0	0	0	531	4,427	0	0	0	0
08/19	76	0	0	14	75	12,182	108,693	10	38	1	7
08/20	73	2	74	13	75	12,830	118,207	18	74	0	0
08/21	64	1	5	65	375	9,092	86,058	0	0	28	238
08/22	68	1	25	6	37	12,662	120,216	0	0	0	0
08/26	150	1	70	8	64	25,906	259,985	1	3	0	0
08/27	151	0	0	5	36	23,424	238,467	0	0	2	16
08/28	136	0	0	1	8	23,673	241,469	0	0	0	0
08/29	130	0	0	3	20	26,919	275,134	0	0	0	0
09/02	148	0	0	0	0	66,949	695,113	0	0	0	0
09/03	184	0	0	0	0	49,531	513,563	0	0	0	0
09/04	153	1	34	0	0	22,923	236,554	0	0	0	0
09/05	167	0	0	0	0	27,168	282,385	0	0	0	0
09/09	160	0	0	0	0	32,388	348,224	0	0	0	0
09/10	155	0	0	0	0	19,828	211,509	0	0	0	0
09/11	107	0	0	0	0	15,290	160,665	0	0	0	0
09/12	103	0	0	0	0	9,613	102,698	0	0	0	0
09/16	77	0	0	1	6	12,079	128,647	0	0	0	0
09/17	62	0	0	0	0	7,090	74,813	0	0	0	0
09/18	39	0	0	0	0	3,463	36,367	0	0	0	0
09/19	9	0	0	0	0	885	9,561	0	0	0	0
09/23	19	0	0	0	0	2,544	27,763	0	0	0	0
09/24	6	0	0	0	0	377	2,981	0	0	0	0
09/25	11	0	0	0	0	679	7,252	0	0	0	0
09/26	2	0	0	0	0	53	588	0	0	0	0
Season Totals		76	2,454	5,453	31,765	419,123	4,301,670	109	517	713	5,926
Average Weights			32.3		5.8		10.3		4.7		8.3

[a]Catch and effort data from final fish ticket summaries.

Appendix A.10. Commercial drift gill net catch of salmon by species and day in Bering River District, Statistical Area 200-30, 1985.[a] [b]

Date	No. of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/10	18	24	535	1,490	9,295	5	35	0	0	343	2,602
06/11	6	10	220	360	2,383	0	0	0	0	341	2,570
06/13	12	20	237	2,451	15,069	60	440	36	167	1,280	8,022
06/14	19	19	403	3,433	20,839	39	284	45	187	1,723	11,993
06/15	13	22	374	2,685	15,979	3	21	0	0	1,382	9,480
06/18	8	5	72	704	4,350	2	15	0	0	213	1,470
06/20	15	8	99	1,403	8,504	131	911	6	24	479	2,996
06/21	28	13	210	2,242	13,465	125	881	12	57	1,347	8,758
06/22	14	7	98	1,045	6,555	15	134	6	20	721	4,886
06/25	9	3	47	2,841	17,164	408	2,991	0	0	381	2,395
06/26	7	8	105	2,320	13,785	0	0	0	0	719	4,661
Season Totals		139	2,400	20,974	127,388	788	5,712	105	455	8,929	59,833
Average Weights			17.3		6.1		7.2		4.3		6.7

[a] Catch and effort data from final fish ticket summaries.

[b] This subdistrict east of Kayak Island was closed by emergency order on 1 July.

Appendix A.11. Temporally stratified age and sex composition of chinook salmon in the commercial catch from the Copper River District, 1985.[a]

		Brood Year and Age Group										
		1982	1981		1980			1979		1978		
		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4	Total
Stratum Dates:	5/13 - 5/17											
Sample Dates:	5/14											
Sample Size:	544											
Female	Percent of Sample	0.0	0.0	2.2	0.0	14.5	0.2	34.4	0.7	0.2	2.9	55.1
	Number in Catch	0	0	149	0	984	14	2,334	48	14	197	3,740
Male	Percent of Sample	0.0	0.0	0.4	0.4	5.1	0.0	36.9	0.2	0.4	1.5	44.9
	Number in Catch	0	0	27	27	346	0	2,504	14	27	102	3,047
Total	Percent of Sample	0.0	0.0	2.6	0.4	19.6	0.2	71.3	0.9	0.6	4.4	100.0
	Number in Catch	0	0	176	27	1,330	14	4,838	62	41	299	6,787
	Standard Error	0	0	46	18	116	13	132	28	22	60	
Stratum Dates:	5/20 - 5/24											
Sample Dates:	5/21											
Sample Size:	582											
Female	Percent of Sample	0.0	0.0	1.5	0.0	16.8	0.0	30.2	0.2	0.0	0.7	49.4
	Number in Catch	0	0	155	0	1,732	0	3,114	21	0	72	5,094
Male	Percent of Sample	0.0	0.0	5.2	0.2	8.8	0.0	35.4	0.2	0.5	0.3	50.6
	Number in Catch	0	0	536	21	907	0	3,650	21	52	31	5,218
Total	Percent of Sample	0.0	0.0	6.7	0.2	25.6	0.0	65.6	0.4	0.5	1.0	100.0
	Number in Catch	0	0	691	21	2,629	0	6,764	42	52	103	10,302
	Standard Error	0	0	107	19	187	0	203	27	30	43	

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		Brood Year and Age Group										
		1982	1981		1980			1979		1978		
		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4	Total
Stratum Dates:	5/27 - 5/31											
Sample Dates:	5/28											
Sample Size:	583											
Female	Percent of Sample	0.0	0.0	3.6	0.0	23.0	0.2	28.4	0.5	0.0	0.3	56.0
	Number in Catch	0	0	385	0	2,461	21	3,039	54	0	32	5,992
Male	Percent of Sample	0.0	0.0	2.6	0.0	13.2	0.2	26.8	0.5	0.5	0.2	44.0
	Number in Catch	0	0	278	0	1,413	21	2,868	54	54	21	4,709
Total	Percent of Sample	0.0	0.0	6.2	0.0	36.2	0.4	55.2	1.0	0.5	0.5	100.0
	Number in Catch	0	0	663	0	3,874	42	5,907	108	54	53	10,701
	Standard Error	0	0	107	0	213	28	221	44	31	31	
Stratum Dates:	6/03 - 6/07											
Sample Dates:	6/04											
Sample Size:	563											
Female	Percent of Sample	0.0	0.0	4.4	0.0	20.3	0.0	30.7	0.4	0.0	1.2	57.0
	Number in Catch	0	0	336	0	1,551	0	2,347	31	0	92	4,357
Male	Percent of Sample	0.0	0.2	2.7	0.0	14.0	0.0	24.2	0.5	0.5	0.9	43.0
	Number in Catch	0	15	206	0	1,070	0	1,849	38	38	69	3,285
Total	Percent of Sample	0.0	0.2	7.1	0.0	34.3	0.0	54.9	0.9	0.5	2.1	100.0
	Number in Catch	0	15	542	0	2,621	0	4,196	69	38	161	7,642
	Standard Error	0	14	83	0	153	0	160	30	23	46	

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		Brood Year and Age Group										
		1982	1981		1980			1979		1978		
		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4	Total
Stratum Dates:	6/10 - 10/03											
Sample Dates:	6/14											
Sample Size:	558											
Female	Percent of Sample	0.4	0.4	4.3	0.0	15.1	0.0	27.7	0.5	0.2	0.5	49.1
	Number in Catch	28	28	296	0	1,041	0	1,908	34	14	34	3,383
Male	Percent of Sample	0.4	0.0	6.5	0.2	10.0	0.2	32.8	0.4	0.4	0.0	50.9
	Number in Catch	28	0	448	14	689	14	2,259	28	28	0	3,508
Total	Percent of Sample	0.8	0.4	10.8	0.2	25.1	0.2	60.5	0.9	0.6	0.5	100.0
	Number in Catch	56	28	744	14	1,730	14	4,167	62	42	34	6,891
	Standard Error	26	18	91	13	127	13	143	28	23	21	
Strata Combined:	5/13 - 10/03											
Sample Dates:	5/14 - 6/14											
Sample Size:	2,830											
Female	Percent of Sample	0.1	0.1	3.1	0.0	18.3	0.1	30.1	0.4	0.1	1.0	53.3
	Number in Catch	28	28	1,321	0	7,769	35	12,742	188	28	427	22,566
Male	Percent of Sample	0.1	0.0	3.5	0.1	10.5	0.1	31.0	0.4	0.5	0.5	46.7
	Number in Catch	28	15	1,495	62	4,425	35	13,130	155	199	223	19,767
Total	Percent of Sample	0.2	0.1	6.6	0.1	28.8	0.2	61.1	0.8	0.6	1.5	100.0
	Number in Catch	56	43	2,816	62	12,194	70	25,872	343	227	650	42,333
	Standard Error	26	23	200	30	365	34	392	72	58	94	

[a]Based on final catch summaries from fish tickets and age composition data from a systematic stratified catch sampling program.

Appendix A.12. Temporally stratified age and sex composition of sockeye salmon in the commercial catch from the Copper River District, 1985.[a]

		Brood Year and Age Group											
		1982		1981		1980			1979		1978		
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4	Total
Stratum Dates:	5/13 - 5/13												
Sample Dates:	5/14												
Sample Size:	555												
Female	Percent of Sample	0.0	0.0	5.9	0.5	0.0	24.0	0.0	0.2	11.2	0.0	0.0	41.8
	Number in Catch	0	0	2,737	232	0	11,133	0	93	5,195	0	0	19,390
Male	Percent of Sample	0.0	0.0	10.5	0.0	0.0	34.4	0.0	0.5	12.8	0.0	0.0	58.2
	Number in Catch	0	0	4,871	0	0	15,956	0	232	5,937	0	0	26,996
Total	Percent of Sample	0.0	0.0	16.4	0.5	0.0	58.4	0.0	0.7	24.0	0.0	0.0	100.0
	Number in Catch	0	0	7,608	232	0	27,089	0	325	11,132	0	0	46,386
	Standard Error	0	0	730	139	0	971	0	164	842	0	0	
Stratum Dates:	5/16 - 5/17												
Sample Dates:	5/17												
Sample Size:	523												
Female	Percent of Sample	0.0	0.0	9.0	0.4	0.0	31.9	0.6	0.8	8.7	0.0	0.0	51.4
	Number in Catch	0	0	7,885	350	0	27,947	526	701	7,622	0	0	45,031
Male	Percent of Sample	0.0	0.0	9.0	0.0	0.0	31.9	0.4	0.2	7.1	0.0	0.0	48.6
	Number in Catch	0	0	7,885	0	0	27,947	350	175	6,220	0	0	42,577
Total	Percent of Sample	0.0	0.0	18.0	0.4	0.0	63.8	1.0	1.0	15.8	0.0	0.0	100.0
	Number in Catch	0	0	15,770	350	0	55,894	876	876	13,842	0	0	87,608
	Standard Error	0	0	1,473	242	0	1,843	382	382	1,399	0	0	

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		Brood Year and Age Group											
		1982		1981		1980			1979		1978		
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4	Total
Stratum Dates:	5/20 - 5/24												
Sample Dates:	5/21												
Sample Size:	592												
Female	Percent of Sample	0.2	0.0	7.9	2.4	0.0	27.6	0.3	0.3	11.3	0.0	0.0	50.0
	Number in Catch	371	0	14,656	4,452	0	51,203	557	557	20,963	0	0	92,759
Male	Percent of Sample	0.0	0.0	8.3	1.4	0.0	32.9	0.0	0.3	6.9	0.0	0.2	50.0
	Number in Catch	0	0	15,398	2,597	0	61,035	0	557	12,801	0	371	92,759
Total	Percent of Sample	0.2	0.0	16.2	3.8	0.0	60.5	0.3	0.6	18.2	0.0	0.2	100.0
	Number in Catch	371	0	30,054	7,049	0	112,238	557	1,114	33,764	0	371	185,518
	Standard Error	341	0	2,812	1,459	0	3,731	417	589	2,944	0	341	
Stratum Dates:	5/27 - 5/31												
Sample Dates:	5/28												
Sample Size:	545												
Female	Percent of Sample	0.0	0.0	5.0	1.1	0.0	35.7	0.4	0.4	8.6	0.2	0.0	51.4
	Number in Catch	0	0	11,943	2,627	0	85,272	955	955	20,542	478	0	122,772
Male	Percent of Sample	0.0	0.0	5.5	0.9	0.0	31.6	0.9	0.2	9.5	0.0	0.0	48.6
	Number in Catch	0	0	13,137	2,150	0	75,479	2,150	478	22,691	0	0	116,085
Total	Percent of Sample	0.0	0.0	10.5	2.0	0.0	67.3	1.3	0.6	18.1	0.2	0.0	100.0
	Number in Catch	0	0	25,080	4,777	0	160,751	3,105	1,433	43,233	478	0	238,857
	Standard Error	0	0	3,139	1,434	0	4,804	1,160	791	3,943	458	0	

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		Brood Year and Age Group											
		1982		1981		1980			1979		1978		
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4	Total
Stratum Dates:	6/03 - 6/07												
Sample Dates:	6/04												
Sample Size:	541												
Female	Percent of Sample	0.9	0.0	6.5	2.4	0.2	34.7	0.4	0.9	2.2	0.0	0.0	48.2
	Number in Catch	976	0	7,045	2,601	217	37,612	434	975	2,385	0	0	52,245
Male	Percent of Sample	3.5	0.0	5.0	5.7	0.0	34.6	0.2	0.2	2.6	0.0	0.0	51.8
	Number in Catch	3,793	0	5,420	6,178	0	37,504	217	217	2,818	0	0	56,147
Total	Percent of Sample	4.4	0.0	11.5	8.1	0.2	69.3	0.6	1.1	4.8	0.0	0.0	100.0
	Number in Catch	4,769	0	12,465	8,779	217	75,116	651	1,192	5,203	0	0	108,392
	Standard Error	957	0	1,488	1,273	208	2,151	360	487	997	0	0	
Stratum Dates:	6/10 - 6/19												
Sample Dates:	6/15												
Sample Size:	554												
Female	Percent of Sample	0.5	0.0	1.6	4.7	0.2	39.0	0.0	0.9	3.1	0.0	0.0	50.0
	Number in Catch	630	0	2,016	5,922	252	49,141	0	1,134	3,906	0	0	63,001
Male	Percent of Sample	1.4	0.0	1.4	6.0	0.2	38.3	0.2	1.1	1.4	0.0	0.0	50.0
	Number in Catch	1,764	0	1,764	7,560	252	48,259	252	1,386	1,764	0	0	63,001
Total	Percent of Sample	1.9	0.0	3.0	10.7	0.4	77.3	0.2	2.0	4.5	0.0	0.0	100.0
	Number in Catch	2,394	0	3,780	13,482	504	97,400	252	2,520	5,670	0	0	126,002
	Standard Error	732	0	914	1,656	338	2,244	239	750	1,111	0	0	

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		Brood Year and Age Group											
		1982		1981		1980			1979		1978		
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4	Total
Stratum Dates:	6/20 - 7/03												
Sample Dates:	6/26 - 6/27												
Sample Size:	709												
Female	Percent of Sample	0.1	0.0	1.4	4.4	0.1	41.2	0.6	0.3	1.1	0.0	0.0	49.2
	Number in Catch	96	0	1,341	4,215	96	39,471	575	287	1,054	0	0	47,135
Male	Percent of Sample	0.8	0.0	1.0	6.8	0.0	39.6	0.3	1.0	1.3	0.0	0.0	50.8
	Number in Catch	766	0	958	6,515	0	37,937	287	958	1,245	0	0	48,666
Total	Percent of Sample	0.9	0.0	2.4	11.2	0.1	80.8	0.9	1.3	2.4	0.0	0.0	100.0
	Number in Catch	862	0	2,299	10,730	96	77,408	862	1,245	2,299	0	0	95,801
	Standard Error	340	0	551	1,135	114	1,418	340	408	551	0	0	
Stratum Dates:	7/17 - 10/03												
Sample Dates:	7/19												
Sample Size:	534												
Female	Percent of Sample	0.2	0.0	1.1	14.8	0.0	33.3	2.4	0.4	0.9	0.0	0.0	53.1
	Number in Catch	85	0	468	6,300	0	14,175	1,022	170	383	0	0	22,604
Male	Percent of Sample	0.4	0.2	0.9	8.1	0.0	33.5	2.4	0.6	0.8	0.0	0.0	46.9
	Number in Catch	170	85	383	3,448	0	14,260	1,022	255	341	0	0	19,964
Total	Percent of Sample	0.6	0.2	2.0	22.9	0.0	66.8	4.8	1.0	1.7	0.0	0.0	100.0
	Number in Catch	255	85	851	9,748	0	28,435	2,043	426	724	0	0	42,568
	Standard Error	142	82	258	774	0	867	394	183	238	0	0	

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		Brood Year and Age Group											
		1982		1981		1980			1979		1978		
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4	Total
Strata Combined:	5/13 - 10/03												
Sample Dates:	5/14 - 7/19												
Sample Size:	4,553												
Female	Percent of Sample	0.2	0.0	5.2	2.8	0.1	33.9	0.4	0.5	6.7	0.1	0.0	49.9
	Number in Catch	2,158	0	48,091	26,699	565	315,954	4,069	4,872	62,050	478	0	464,937
Male	Percent of Sample	0.7	0.0	5.3	3.1	0.0	34.2	0.5	0.5	5.8	0.0	0.0	50.1
	Number in Catch	6,493	85	49,816	28,448	252	318,377	4,278	4,258	53,817	0	371	466,195
Total	Percent of Sample	0.9	0.0	10.5	5.9	0.1	68.1	0.9	1.0	12.5	0.1	0.0	100.0
	Number in Catch	8,651	85	97,907	55,147	817	634,331	8,347	9,131	115,867	478	371	931,132
	Standard Error	1,305	82	4,887	3,242	413	7,333	1,457	1,464	5,429	458	341	

[a]Based on final fish ticket summaries of catch and age and sex composition data from a systematic stratified catch sampling program.

Appendix A.13. Temporally stratified age and sex composition of sockeye salmon in the commercial catch from the area east of Kayak Island (Statistical Area 200-30), Bering River District, 1985.[a]

		Brood Year and Age Group									
		1982	1981		1980		1979			1978	
		0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	1.5	Total
Stratum Dates:	6/10 - 6/15										
Sample Dates:	6/10										
Sample Size:	542										
Female	Percent of Sample	0.0	1.3	0.4	29.9	0.2	0.4	5.7	0.0	0.0	37.9
	Number in Catch	0	135	42	3,114	21	42	594	0	0	3,948
Male	Percent of Sample	0.0	1.8	1.8	49.3	1.1	0.7	7.4	0.0	0.0	62.1
	Number in Catch	0	188	188	5,137	115	73	770	0	0	6,471
Total	Percent of Sample	0.0	3.1	2.2	79.2	1.3	1.1	13.1	0.0	0.0	100.0
	Number in Catch	0	323	230	8,251	136	115	1,364	0	0	10,419
	Standard Error	0	78	66	182	51	47	151	0	0	
Stratum Dates:	6/17 - 6/22										
Sample Dates:	6/19										
Sample Size:	576										
Female	Percent of Sample	0.5	1.1	2.3	35.0	0.7	0.2	2.0	0.0	0.0	41.8
	Number in Catch	27	59	124	1,888	38	11	108	0	0	2,255
Male	Percent of Sample	0.9	0.5	5.0	48.0	0.7	0.2	2.9	0.0	0.0	58.2
	Number in Catch	49	27	270	2,588	38	11	156	0	0	3,139
Total	Percent of Sample	1.4	1.6	7.3	83.0	1.4	0.4	4.9	0.0	0.0	100.0
	Number in Catch	76	86	394	4,476	76	22	264	0	0	5,394
	Standard Error	26	28	59	84	26	14	49	0	0	

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Appendix A.13. (page 2 of 2)

		Brood Year and Age Group									
		1982	1981		1980		1979			1978	
		0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	1.5	Total
Stratum Dates:	6/24 - 6/26 b/										
Sample Dates:	6/26										
Sample Size:	564										
Female	Percent of Sample	0.0	0.4	2.8	30.7	1.2	0.2	3.4	0.2	0.0	38.9
	Number in Catch	0	21	145	1,584	62	10	175	10	0	2,007
Male	Percent of Sample	0.0	0.4	4.6	47.6	3.5	0.5	4.3	0.0	0.2	61.1
	Number in Catch	0	21	237	2,457	181	26	222	0	10	3,154
Total	Percent of Sample	0.0	0.8	7.4	78.3	4.7	0.7	7.7	0.2	0.2	100.0
	Number in Catch	0	42	382	4,041	243	36	397	10	10	5,161
	Standard Error	0	19	57	90	46	18	58	10	10	
Strata Combined:	6/10 - 6/26										
Sample Dates:	6/10 - 6/26										
Sample Size:	1,682										
Female	Percent of Sample	0.1	1.1	1.5	31.4	0.6	0.3	4.2	0.0	0.0	39.1
	Number in Catch	27	215	311	6,586	121	63	877	10	0	8,210
Male	Percent of Sample	0.2	1.1	3.3	48.6	1.6	0.5	5.5	0.0	0.0	60.9
	Number in Catch	49	236	695	10,182	334	110	1,148	0	10	12,764
Total	Percent of Sample	0.3	2.2	4.8	80.0	2.2	0.8	9.7	0.0	0.0	100.0
	Number in Catch	76	451	1,006	16,768	455	173	2,025	10	10	20,974
	Standard Error	26	85	105	220	73	52	169	10	10	

[a]Based on final fish ticket summaries and age and sex composition data from a stratified systematic sampling. The stratified age and sex summaries were used to allocate the catch by age and sex in three time segments of the fishery. This table is the weighted sum of the catch by age and sex across all three strata. There were small catches of sockeye salmon in the Controller Bay and Katella Bay area to the west of Kayak Island (5,587 fish) but there were insufficient samples to allocate these catches by sex and age and they are not included in this table.

[b]The Bering River District was opened to commercial fishing by emergency order on 10 June. The area to the east of Kayak Island was closed by emergency order on 1 July.

Appendix A.14. Temporally stratified age and sex composition of coho salmon commercial catch in the Copper River District, 1985.[a]

		Brood Year and Age Group				
		1983	1982	1981	1980	
		0.1	1.1	2.1	3.1	Total
Stratum Dates:	5/13 - 8/15					
Sample Dates:	8/06					
Sample Size:	409					
Female	Percent of Sample	0.0	8.8	7.6	0.0	16.4
	Number in Catch	0	8,036	6,939	0	14,975
Male	Percent of Sample	0.0	49.6	32.8	1.2	83.6
	Number in Catch	0	45,291	29,951	1,096	76,338
Total	Percent of Sample	0.0	58.4	40.4	1.2	100.0
	Number in Catch	0	53,327	36,890	1,096	91,313
	Standard Error	0	2,226	2,215	491	
Stratum Dates:	8/19 - 8/29					
Sample Dates:	8/20 - 8/21					
Sample Size:	402					
Female	Percent of Sample	0.0	10.9	15.7	1.0	27.6
	Number in Catch	0	28,292	40,750	2,596	71,638
Male	Percent of Sample	0.2	40.6	30.6	1.0	72.4
	Number in Catch	519	105,380	79,425	2,596	187,920
Total	Percent of Sample	0.2	51.5	46.3	2.0	100.0
	Number in Catch	519	133,672	120,175	5,192	259,558
	Standard Error	573	6,414	6,400	1,797	
Stratum Dates:	9/02 - 9/13					
Sample Dates:	'9/04 - 9/05					
Sample Size:	404					
Female	Percent of Sample	0.0	13.9	35.5	3.5	52.9
	Number in Catch	0	27,667	70,659	6,966	105,292
Male	Percent of Sample	0.2	10.9	32.5	3.5	47.1
	Number in Catch	398	21,695	64,689	6,966	93,748
Total	Percent of Sample	0.2	24.8	68.0	7.0	100.0
	Number in Catch	398	49,362	135,348	13,932	199,040
	Standard Error	440	4,250	4,591	2,511	
Stratum Dates:	9/16 - 10/03					
Sample Dates:	9/18					
Sample Size:	410					
Female	Percent of Sample	0.0	13.2	42.9	8.1	64.2
	Number in Catch	0	5,026	16,337	3,084	24,447
Male	Percent of Sample	0.0	4.1	26.6	5.1	35.8
	Number in Catch	0	1,561	10,129	1,942	13,632
Total	Percent of Sample	0.0	17.3	69.5	13.2	100.0
	Number in Catch	0	6,587	26,466	5,026	38,079
	Standard Error	0	712	867	637	

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		Brood Year and Age Group				
		1983	1982	1981	1980	
		0.1	1.1	2.1	3.1	Total
Strata Combined:	5/13 - 10/03					
Sample Dates:	8/06 - 9/18					
Sample Size:	1,625					
Female	Percent of Sample	0.0	11.7	22.9	2.2	36.8
	Number in Catch	0	69,021	134,686	12,646	216,353
Male	Percent of Sample	0.2	29.6	31.3	2.1	63.2
	Number in Catch	917	173,927	184,193	12,600	371,637
Total	Percent of Sample	0.2	41.3	54.2	4.3	100.0
	Number in Catch	917	242,948	318,879	25,246	587,990
	Standard Error	723	8,042	8,227	3,191	

[a]Based on catch data from final fish ticket summaries and age and sex composition data for a systematic, temporally stratified catch sampling program.

Appendix A.15. Temporally stratified age and sex composition of coho salmon in the commercial catch in the Bering River District, 1985.[a]

		Brood Year and Age Group 1982 1.1	1981 2.1	1980 3.1	Total
Stratum Dates:	6/10 - 8/29				
Sample Dates:	8/27				
Sample Size:	363				
Female	Percent of Sample	8.0	23.5	0.8	32.3
	Number in Catch	11,873	34,878	1,187	47,938
Male	Percent of Sample	21.8	42.6	3.3	67.7
	Number in Catch	32,355	63,225	4,898	100,478
Total	Percent of Sample	29.8	66.1	4.1	100.0
	Number in Catch	44,228	98,103	6,085	148,416
	Standard Error	3,568	3,693	1,547	
Stratum Dates:	9/02 - 9/26				
Sample Dates:	9/10 9/11				
Sample Size:	369				
Female	Percent of Sample	13.0	35.9	6.8	55.7
	Number in Catch	35,212	97,239	18,418	150,869
Male	Percent of Sample	9.5	29.1	5.7	44.3
	Number in Catch	25,732	78,820	15,439	119,991
Total	Percent of Sample	22.5	65.0	12.5	100.0
	Number in Catch	60,944	176,059	33,857	270,860
	Standard Error	5,896	6,735	4,670	
Strata Combined:	6/10 - 9/26				
Sample Dates:	8/27 - 9/11				
Sample Size:	732				
Female	Percent of Catch	11.2	31.5	4.7	47.4
	Number in Catch	47,085	132,117	19,605	198,807
Male	Percent of Catch	13.9	33.9	4.8	52.6
	Number in Catch	58,087	142,045	20,337	220,469
Total	Percent of Catch	25.1	65.4	9.5	100.0
	Number in Catch	105,172	274,162	39,942	419,276
	Standard Error	6,892	7,680	4,919	

[a]Based on catch data from final fish ticket summaries and age and sex composition data from a systematic, temporally stratified catch sampling program.

APPENDIX B

Catches from upper Copper River
subsistence and personal use fisheries

Appendix B.1. Daily catches of sockeye, chinook, and coho salmon in the subsistence and personal use dip net and fish wheel fisheries on the upper Copper River, 1985.[a]

	Dip Net Catch						Fishwheel Catch						Combined Catch					
	Sockeye		Chinook		Coho		Sockeye		Chinook		Coho		Sockeye		Chinook		Coho	
Date	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.
6/ 1	3	3	1	1	0	0	12	12	1	1	0	0	15	15	2	2	0	0
6/ 2	76	79	1	2	0	0	88	100	1	2	0	0	164	179	2	4	0	0
6/ 3	16	95	0	2	0	0	13	113	0	2	0	0	29	208	0	4	0	0
6/ 4	15	110	1	3	0	0	62	175	1	3	0	0	77	285	2	6	0	0
6/ 5	30	140	4	7	0	0	153	328	0	3	0	0	183	468	4	10	0	0
6/ 6	35	175	1	8	0	0	64	392	0	3	0	0	99	567	1	11	0	0
6/ 7	20	195	0	8	0	0	64	456	0	3	0	0	84	651	0	11	0	0
6/ 8	1,013	1,208	15	23	0	0	324	780	2	5	0	0	1,337	1,988	17	28	0	0
6/ 9	564	1,772	14	37	0	0	150	930	2	7	0	0	714	2,702	16	44	0	0
6/10	45	1,817	0	37	0	0	494	1,424	7	14	0	0	539	3,241	7	51	0	0
6/11	0	1,817	0	37	0	0	265	1,689	5	19	0	0	265	3,506	5	56	0	0
6/12	0	1,817	0	37	0	0	468	2,157	5	24	0	0	468	3,974	5	61	0	0
6/13	78	1,895	2	39	0	0	607	2,764	8	32	0	0	685	4,659	10	71	0	0
6/14	1,031	2,926	41	80	0	0	536	3,300	8	40	0	0	1,567	6,226	49	120	0	0
6/15	4,457	7,383	210	290	0	0	626	3,926	28	68	0	0	5,083	11,309	238	358	0	0
6/16	3,980	11,363	177	467	0	0	517	4,443	7	75	0	0	4,497	15,806	184	542	0	0
6/17	683	12,046	53	520	0	0	328	4,771	6	81	0	0	1,011	16,817	59	601	0	0
6/18	6	12,052	2	522	0	0	80	4,851	2	83	0	0	86	16,903	4	605	0	0
6/19	44	12,096	5	527	0	0	756	5,607	23	106	0	0	800	17,703	28	633	0	0
6/20	889	12,985	37	564	0	0	547	6,154	17	123	0	0	1,436	19,139	54	687	0	0
6/21	1,640	14,625	94	658	0	0	205	6,359	5	128	0	0	1,845	20,984	99	786	0	0
6/22	2,506	17,131	108	766	0	0	538	6,897	37	165	0	0	3,044	24,028	145	931	0	0
6/23	1,680	18,811	83	849	0	0	486	7,383	9	174	0	0	2,166	26,194	92	1,023	0	0
6/24	536	19,347	19	868	0	0	323	7,706	7	181	0	0	859	27,053	26	1,049	0	0
6/25	31	19,378	1	869	0	0	350	8,056	5	186	0	0	381	27,434	6	1,055	0	0
6/26	180	19,558	17	886	0	0	304	8,360	0	186	0	0	484	27,918	17	1,072	0	0
6/27	294	19,852	25	911	0	0	494	8,854	11	197	0	0	788	28,706	36	1,108	0	0
6/28	381	20,233	12	923	0	0	450	9,304	11	208	0	0	831	29,537	23	1,131	0	0
6/29	937	21,170	45	968	0	0	389	9,693	14	222	0	0	1,326	30,863	59	1,190	0	0
6/30	423	21,593	30	998	0	0	1,028	10,721	9	231	0	0	1,451	32,314	39	1,229	0	0

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	Dip Net Catch						Fishwheel Catch						Combined Catch					
	Sockeye		Chinook		Coho		Sockeye		Chinook		Coho		Sockeye		Chinook		Coho	
Date	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.
7/ 1	70	21,663	4	1,002	0	0	319	11,040	3	234	0	0	389	32,703	7	1,236	0	0
7/ 2	33	21,696	1	1,003	0	0	52	11,092	1	235	0	0	85	32,788	2	1,238	0	0
7/ 3	38	21,734	5	1,008	0	0	359	11,451	7	242	0	0	397	33,185	12	1,250	0	0
7/ 4	44	21,778	3	1,011	0	0	169	11,620	6	248	0	0	213	33,398	9	1,259	0	0
7/ 5	154	21,932	8	1,019	0	0	365	11,985	20	268	0	0	519	33,917	28	1,287	0	0
7/ 6	88	22,020	11	1,030	0	0	197	12,182	9	277	0	0	285	34,202	20	1,307	0	0
7/ 7	20	22,040	1	1,031	0	0	215	12,397	9	286	0	0	235	34,437	10	1,317	0	0
7/ 8	78	22,118	4	1,035	0	0	119	12,516	3	289	0	0	197	34,634	7	1,324	0	0
7/ 9	107	22,225	23	1,058	0	0	190	12,706	5	294	0	0	297	34,931	28	1,352	0	0
7/10	164	22,389	9	1,067	0	0	286	12,992	7	301	0	0	450	35,381	16	1,368	0	0
7/11	101	22,490	10	1,077	0	0	310	13,302	14	315	0	0	411	35,792	24	1,392	0	0
7/12	226	22,716	20	1,097	0	0	291	13,593	4	319	0	0	517	36,309	24	1,416	0	0
7/13	261	22,977	16	1,113	0	0	191	13,784	12	331	0	0	452	36,761	28	1,444	0	0
7/14	149	23,126	11	1,124	0	0	245	14,029	5	336	0	0	394	37,155	16	1,460	0	0
7/15	138	23,264	3	1,127	0	0	185	14,214	12	348	0	0	323	37,478	15	1,475	0	0
7/16	130	23,394	2	1,129	0	0	336	14,550	13	361	0	0	466	37,944	15	1,490	0	0
7/17	115	23,509	4	1,133	0	0	227	14,777	15	376	0	0	342	38,286	19	1,509	0	0
7/18	211	23,720	4	1,137	0	0	379	15,156	6	382	0	0	590	38,876	10	1,519	0	0
7/19	273	23,993	8	1,145	0	0	247	15,403	8	390	0	0	520	39,396	16	1,535	0	0
7/20	449	24,442	9	1,154	0	0	308	15,711	8	398	0	0	757	40,153	17	1,552	0	0
7/21	359	24,801	10	1,164	0	0	322	16,033	2	400	0	0	681	40,834	12	1,564	0	0
7/22	109	24,910	1	1,165	0	0	160	16,193	1	401	0	0	269	41,103	2	1,566	0	0
7/23	70	24,980	1	1,166	0	0	245	16,438	7	408	0	0	315	41,418	8	1,574	0	0
7/24	144	25,124	2	1,168	0	0	171	16,609	2	410	0	0	315	41,733	4	1,578	0	0
7/25	164	25,288	3	1,171	0	0	322	16,931	0	410	0	0	486	42,219	3	1,581	0	0
7/26	447	25,735	13	1,184	0	0	117	17,048	2	412	0	0	564	42,783	15	1,596	0	0
7/27	375	26,110	3	1,187	0	0	98	17,146	1	413	0	0	473	43,256	4	1,600	0	0
7/28	424	26,534	5	1,192	0	0	530	17,676	4	417	0	0	954	44,210	9	1,609	0	0
7/29	270	26,804	2	1,194	0	0	138	17,814	7	424	0	0	408	44,618	9	1,618	0	0
7/30	66	26,870	0	1,194	0	0	116	17,930	1	425	0	0	182	44,800	1	1,619	0	0
7/31	22	26,892	0	1,194	0	0	178	18,108	1	426	0	0	200	45,000	1	1,620	0	0

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	Dip Net Catch						Fishwheel Catch						Combined Catch					
	Sockeye		Chinook		Coho		Sockeye		Chinook		Coho		Sockeye		Chinook		Coho	
Date	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.
8/ 1	24	26,916	0	1,194	0	0	196	18,304	1	427	0	0	220	45,220	1	1,621	0	0
8/ 2	47	26,963	1	1,195	0	0	182	18,486	2	429	10	10	229	45,449	3	1,624	10	10
8/ 3	72	27,035	2	1,197	0	0	136	18,622	6	435	1	11	208	45,657	8	1,632	1	11
8/ 4	67	27,102	0	1,197	0	0	7	18,629	1	436	0	11	74	45,731	1	1,633	0	11
8/ 5	53	27,155	0	1,197	0	0	114	18,743	1	437	0	11	167	45,898	1	1,634	0	11
8/ 6	21	27,176	0	1,197	0	0	95	18,838	1	438	0	11	116	46,014	1	1,635	0	11
8/ 7	47	27,223	1	1,198	0	0	127	18,965	2	440	0	11	174	46,188	3	1,638	0	11
8/ 8	16	27,239	0	1,198	0	0	331	19,296	4	444	0	11	347	46,535	4	1,642	0	11
8/ 9	20	27,259	0	1,198	0	0	229	19,525	0	444	0	11	249	46,784	0	1,642	0	11
8/10	140	27,399	5	1,203	0	0	484	20,009	0	444	0	11	624	47,408	5	1,647	0	11
8/11	75	27,474	0	1,203	0	0	111	20,120	0	444	0	11	186	47,594	0	1,647	0	11
8/12	75	27,549	0	1,203	0	0	110	20,230	0	444	0	11	185	47,779	0	1,647	0	11
8/13	0	27,549	0	1,203	0	0	76	20,306	0	444	0	11	76	47,855	0	1,647	0	11
8/14	10	27,559	0	1,203	0	0	428	20,734	0	444	0	11	438	48,293	0	1,647	0	11
8/15	16	27,575	0	1,203	0	0	178	20,912	0	444	0	11	194	48,487	0	1,647	0	11
8/16	12	27,587	0	1,203	0	0	53	20,965	2	446	0	11	65	48,552	2	1,649	0	11
8/17	10	27,597	0	1,203	1	1	52	21,017	0	446	0	11	62	48,614	0	1,649	1	12
8/18	34	27,631	0	1,203	2	3	0	21,017	0	446	0	11	34	48,648	0	1,649	2	14
8/19	48	27,679	1	1,204	0	3	50	21,067	1	447	0	11	98	48,746	2	1,651	0	14
8/20	85	27,764	0	1,204	9	12	151	21,218	0	447	5	16	236	48,982	0	1,651	14	28
8/21	51	27,815	0	1,204	16	28	83	21,301	0	447	0	16	134	49,116	0	1,651	16	44
8/22	39	27,854	2	1,206	15	43	4	21,305	0	447	0	16	43	49,159	2	1,653	15	59
8/23	24	27,878	1	1,207	12	55	239	21,544	0	447	0	16	263	49,422	1	1,654	12	71
8/24	34	27,912	0	1,207	6	61	82	21,626	1	448	0	16	116	49,538	1	1,655	6	77
8/25	8	27,920	0	1,207	0	61	74	21,700	0	448	0	16	82	49,620	0	1,655	0	77
8/26	51	27,971	0	1,207	0	61	0	21,700	0	448	0	16	51	49,671	0	1,655	0	77
8/27	69	28,040	0	1,207	18	79	0	21,700	0	448	0	16	69	49,740	0	1,655	18	95
8/28	19	28,059	0	1,207	27	106	10	21,710	0	448	0	16	29	49,769	0	1,655	27	122
8/29	6	28,065	0	1,207	0	106	35	21,745	0	448	0	16	41	49,810	0	1,655	0	122
8/30	11	28,076	0	1,207	8	114	9	21,754	0	448	31	47	20	49,830	0	1,655	39	161
8/31	9	28,085	0	1,207	5	119	0	21,754	0	448	0	47	9	49,839	0	1,655	5	166

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	Dip Net Catch						Fishwheel Catch						Combined Catch					
	Sockeye		Chinook		Coho		Sockeye		Chinook		Coho		Sockeye		Chinook		Coho	
Date	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.	Daily	Cumm.
9/ 1	51	28,136	0	1,207	19	138	13	21,767	2	450	0	47	64	49,903	2	1,657	19	185
9/ 2	6	28,142	0	1,207	2	140	0	21,767	0	450	0	47	6	49,909	0	1,657	2	187
9/ 3	0	28,142	0	1,207	0	140	0	21,767	0	450	0	47	0	49,909	0	1,657	0	187
9/ 4	19	28,161	0	1,207	12	152	0	21,767	0	450	0	47	19	49,928	0	1,657	12	199
9/ 5	3	28,164	0	1,207	18	170	0	21,767	0	450	0	47	3	49,931	0	1,657	18	217
9/ 6	3	28,167	0	1,207	16	186	8	21,775	0	450	0	47	11	49,942	0	1,657	16	233
9/ 7	12	28,179	0	1,207	47	233	6	21,781	0	450	17	64	18	49,960	0	1,657	64	297
9/ 8	3	28,182	4	1,211	18	251	0	21,781	0	450	3	67	3	49,963	4	1,661	21	318
9/ 9	0	28,182	0	1,211	15	266	4	21,785	0	450	2	69	4	49,967	0	1,661	17	335
9/10	1	28,183	1	1,212	3	269	0	21,785	0	450	0	69	1	49,968	1	1,662	3	338
9/11	0	28,183	0	1,212	4	273	131	21,916	0	450	50	119	131	50,099	0	1,662	54	392
9/12	4	28,187	0	1,212	14	287	0	21,916	0	450	44	163	4	50,103	0	1,662	58	450
9/13	0	28,187	0	1,212	17	304	0	21,916	0	450	0	163	0	50,103	0	1,662	17	467
9/14	12	28,199	0	1,212	11	315	0	21,916	0	450	0	163	12	50,115	0	1,662	11	478
9/15	24	28,223	0	1,212	14	329	35	21,951	0	450	35	198	59	50,174	0	1,662	49	527
9/16	0	28,223	0	1,212	2	331	0	21,951	0	450	0	198	0	50,174	0	1,662	2	529
9/17	0	28,223	0	1,212	0	331	0	21,951	0	450	0	198	0	50,174	0	1,662	0	529
9/18	0	28,223	0	1,212	0	331	0	21,951	0	450	0	198	0	50,174	0	1,662	0	529
9/19	0	28,223	0	1,212	0	331	11	21,962	0	450	0	198	11	50,185	0	1,662	0	529
9/20	0	28,223	0	1,212	0	331	15	21,977	0	450	7	205	15	50,200	0	1,662	7	536
9/21	2	28,225	0	1,212	0	331	0	21,977	0	450	0	205	2	50,202	0	1,662	0	536
9/22	15	28,240	0	1,212	0	331	0	21,977	0	450	0	205	15	50,217	0	1,662	0	536
9/23	0	28,240	0	1,212	0	331	1	21,978	0	450	3	208	1	50,218	0	1,662	3	539
9/24	0	28,240	0	1,212	0	331	0	21,978	0	450	0	208	0	50,218	0	1,662	0	539
9/25	0	28,240	0	1,212	0	331	0	21,978	0	450	5	213	0	50,218	0	1,662	5	544
9/26	0	28,240	0	1,212	0	331	0	21,978	0	450	0	213	0	50,218	0	1,662	0	544
9/27	0	28,240	0	1,212	0	331	205	22,183	2	452	0	213	205	50,423	2	1,664	0	544
9/28	0	28,240	0	1,212	0	331	0	22,183	0	452	0	213	0	50,423	0	1,664	0	544
9/29	0	28,240	0	1,212	0	331	0	22,183	0	452	0	213	0	50,423	0	1,664	0	544
9/30	0	28,240	0	1,212	0	331	0	22,183	0	452	0	213	0	50,423	0	1,664	0	544
Total		28,240		1,212		331		22,183		452		213		50,423		1,664		544

[a]Preliminary catch data from partial returns of subsistence and personal use permits which were issued.

Appendix B.2. Temporally stratified age and sex composition of the sockeye salmon catches in the subsistence and personal use fisheries on the upper Copper River, 1985.[a]

		Brood Year and Age Group										
		1982		1981		1980			1979		1978	
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	Total
Stratum Dates:	6/01 - 6/12											
Sample Dates:	6/07 - 6/09											
Sample Size:	370											
Female	Percent of Sample	0.0	0.0	14.1	5.1	0.0	33.0	1.4	0.0	3.2	0.0	56.8
	Number in Catch	0	0	560	202	0	1,311	56	0	127	0	2,256
Male	Percent of Sample	0.0	0.0	9.4	1.6	0.3	28.3	1.4	0.0	2.2	0.0	43.2
	Number in Catch	0	0	374	64	12	1,125	56	0	87	0	1,718
Total	Percent of Sample	0.0	0.0	23.5	6.7	0.3	61.3	2.8	0.0	5.4	0.0	100.0
	Number in Catch	0	0	934	266	12	2,436	112	0	214	0	3,974
	Standard Error	0	0	88	52	11	101	34	0	47	0	
Stratum Dates:	6/13 - 6/18											
Sample Dates:	6/14 - 6/16											
Sample Size:	529											
Female	Percent of Sample	0.4	0.0	1.8	3.8	0.0	50.3	3.0	0.2	9.8	0.0	69.3
	Number in Catch	52	0	233	491	0	6,503	388	26	1,267	0	8,960
Male	Percent of Sample	0.0	0.0	0.8	1.3	0.0	24.0	0.8	0.4	3.2	0.2	30.7
	Number in Catch	0	0	103	168	0	3,103	103	52	414	26	3,969
Total	Percent of Sample	0.4	0.0	2.6	5.1	0.0	74.3	3.8	0.6	13.0	0.2	100.0
	Number in Catch	52	0	336	659	0	9,606	491	78	1,681	26	12,929
	Standard Error	36	0	90	124	0	246	108	43	189	25	

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		Brood Year and Age Group										
		1982		1981		1980			1979		1978	
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	Total
Stratum Dates:	6/19 - 6/25											
Sample Dates:	6/21 - 6/23											
Sample Size:	408											
Female	Percent of Sample	0.5	0.0	0.0	7.3	0.0	37.2	2.7	0.5	10.0	0.0	58.2
	Number in Catch	53	0	0	768	0	3,918	284	53	1,053	0	6,129
Male	Percent of Sample	0.7	0.0	0.5	2.0	0.0	28.7	2.0	0.5	7.4	0.0	41.8
	Number in Catch	73	0	53	211	0	3,022	211	53	779	0	4,402
Total	Percent of Sample	1.2	0.0	0.5	9.3	0.0	65.9	4.7	1.0	17.4	0.0	100.0
	Number in Catch	126	0	53	979	0	6,940	495	106	1,832	0	10,531
	Standard Error	57	0	37	152	0	247	110	52	198	0	
Stratum Dates:	6/26 - 7/10											
Sample Dates:	6/28 - 7/07											
Sample Size:	576											
Female	Percent of Sample	0.2	0.0	1.0	3.9	0.0	38.7	3.1	0.2	9.2	0.0	56.3
	Number in Catch	16	0	79	310	0	3,075	246	16	731	0	4,473
Male	Percent of Sample	0.0	0.0	0.9	3.0	0.0	32.3	0.9	0.5	6.1	0.0	43.7
	Number in Catch	0	0	72	238	0	2,567	72	40	485	0	3,474
Total	Percent of Sample	0.2	0.0	1.9	6.9	0.0	71.0	4.0	0.7	15.3	0.0	100.0
	Number in Catch	16	0	151	548	0	5,642	318	56	1,216	0	7,947
	Standard Error	15	0	45	84	0	150	65	28	119	0	

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		Brood Year and Age Group										
		1982		1981		1980			1979		1978	
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	Total
Stratum Dates:	7/11 - 7/25											
Sample Dates:	7/13 - 7/24											
Sample Size:	383											
Female	Percent of Sample	0.5	0.0	0.8	3.4	0.0	50.0	0.5	0.5	4.7	0.0	60.4
	Number in Catch	34	0	55	232	0	3,419	34	34	322	0	4,130
Male	Percent of Sample	0.0	0.0	1.3	1.3	0.0	35.1	0.0	0.3	1.6	0.0	39.6
	Number in Catch	0	0	89	89	0	2,400	0	21	109	0	2,708
Total	Percent of Sample	0.5	0.0	2.1	4.7	0.0	85.1	0.5	0.8	6.3	0.0	100.0
	Number in Catch	34	0	144	321	0	5,819	34	55	431	0	6,838
	Standard Error	25	0	50	74	0	125	25	31	85	0	
Stratum Dates:	7/26 - 9/30											
Sample Dates:	7/27 - 8/10											
Sample Size:	465											
Female	Percent of Sample	0.0	0.7	0.7	3.9	0.0	45.9	0.9	0.0	2.8	0.0	54.9
	Number in Catch	0	57	57	320	0	3,767	74	0	230	0	4,505
Male	Percent of Sample	0.0	0.0	0.4	1.5	0.0	41.7	0.2	0.2	1.1	0.0	45.1
	Number in Catch	0	0	33	123	0	3,421	16	16	90	0	3,699
Total	Percent of Sample	0.0	0.7	1.1	5.4	0.0	87.6	1.1	0.2	3.9	0.0	100.0
	Number in Catch	0	57	90	443	0	7,188	90	16	320	0	8,204
	Standard Error	0	32	40	86	0	126	40	17	74	0	

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		Brood Year and Age Group										
		1982		1981		1980			1979		1978	
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	Total
Strata Combined:	6/01 - 9/30											
Sample Dates:	6/07 - 8/10											
Sample Size:	2,731											
Female	Percent of Sample	0.3	0.1	2.0	4.6	0.0	43.6	2.1	0.3	7.4	0.0	60.4
	Number in Catch	155	57	984	2,323	0	21,993	1,082	129	3,730	0	30,453
Male	Percent of Sample	0.1	0.0	1.4	1.8	0.0	31.0	0.9	0.4	3.9	0.1	39.6
	Number in Catch	73	0	724	893	12	15,638	458	182	1,964	26	19,970
Total	Percent of Sample	0.4	0.1	3.4	6.4	0.0	74.6	3.0	0.7	11.3	0.1	100.0
	Number in Catch	228	57	1,708	3,216	12	37,631	1,540	311	5,694	26	50,423
	Standard Error	73	32	152	247	11	431	177	81	323	25	

[a]Preliminary catch data are from approximately 67% of the issued subsistence fish wheel permits and 88.1% of the issued subsistence dip net permits. The catch totals in this table are from daily catch reports and may differ slightly from figures reported in other reports which include catches reported from unknown or spurious dates. The age composition data are from a systematic stratified sampling program in the dip net and fish wheel fisheries at Chitina. The age and sex composition data from these samples were applied to the entire upriver subsistence harvest. Although we have assumed that the samples from Chitina are fairly representative of the entire upriver subsistence harvest it should be pointed out that some of the stocks which migrate past Chitina are subject to additional fishing at fish wheel sites further upstream. These stocks may be under-represented in the final age composition data derived from the Chitina sample.

APPENDIX C

Escapements to the upper Copper River

Appendix C.1. Daily sonar counts of salmon escapement past the Miles Lake site on the Copper River, 1985.

Date	North Bank	South Bank	Daily Total	Cumulative Total
5/17	0	0	0	0
5/18	0	0	0	0
5/19	0	0	0	0
5/20	0	0	0	0
5/21	0	0	0	0
5/22	0	0	0	0
5/23	0	0	0	0
5/24	0	0	0	0
5/25	0	0	0	0
5/26	0	0	0	0
5/27	0	0	0	0
5/28	47[a]	984	1,031	1,031
5/29	19[a]	398	417	1,448
5/30	27[a]	572	599	2,047
5/31	80[a]	1,678	1,758	3,805
6/01	82[b]	3,380	3,462	7,267
6/02	220[b]	6,506[b]	6,726	13,993
6/03	486[a]	10,205[b]	10,691	24,684
6/04	843[b]	23,429	24,272	48,956
6/05	147[a]	30,360	30,507	79,463
6/06	1,497[a]	31,456[b]	32,953	112,416
6/07	1,238[a]	26,018	27,256	139,672
6/08	1,405[a]	29,520[b]	30,925	170,597
6/09	1,350[a]	28,352[c]	29,702	200,299
6/10	546[a]	11,464[b]	12,010	212,309
6/11	1,571[b]	10,255	11,826	224,135
6/12	483	7,748	8,231	232,366
6/13	398	6,431	6,829	239,195
6/14	193	6,607	6,800	245,995
6/15	180	8,645	8,825	254,820
6/16	1,273	8,074	9,347	264,167
6/17	1,160	5,110	6,270	270,437
6/18	348	3,390	3,738	274,175
6/19	477	2,774	3,251	277,426
6/20	59	2,364	2,423	279,849
6/21	41	2,020	2,061	281,910
6/22	25	2,738	2,763	284,673
6/23	24	3,345	3,369	288,042
6/24	114	2,836	2,950	290,992
6/25	182	1,403	1,585	292,577
6/26	107	2,274	2,381	294,958
6/27	94	2,941	3,035	297,993
6/28	89[b]	2,175	2,264	300,257
6/29	67[b]	2,080	2,147	302,404
6/30	109	2,030	2,139	304,543
7/01	37	2,583	2,620	307,163
7/02	92	2,516	2,608	309,771
7/03	29	1,790	1,819	311,590
7/04	55	3,481	3,536	315,126
7/05	55	3,199	3,254	318,380
7/06	79	4,585	4,664	323,044
7/07	60	3,567	3,627	326,671
7/08	28	3,865	3,893	330,564
7/09	74	6,753	6,827	337,391
7/10	99	10,508	10,607	347,998
7/11	155	5,302	5,457	353,455
7/12	201	6,128	6,329	359,784
7/13	136	5,116	5,252	365,036
7/14	103	6,010	6,113	371,149
7/15	83	4,941	5,024	376,173
7/16	268	5,071	5,339	381,512
7/17	440[d]	5,520	5,960	387,472
7/18	232[a]	4,878	5,110	392,582
7/19	154[b]	4,406	4,560	397,142
7/20	64	8,112	8,176	405,318

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Date	North Bank	South Bank	Daily Total	Cumulative Total
7/21	46	4,082	4,128	409,446
7/22	146	3,012	3,158	412,604
7/23	79	2,791	2,870	415,474
7/24	113	2,049	2,162	417,636
7/25	74	2,375	2,449	420,085
7/26	80	1,894	1,974	422,059
7/27	37	2,154	2,191	424,250
7/28	43	2,796	2,839	427,089
7/29	161	2,652	2,813	429,902
7/30	110	2,680	2,790	432,692
7/31	195	1,653	1,848	434,540
8/01	151	919	1,070	435,610
8/02	32[a]	671	703	436,313
8/03	0	0	0	436,313
8/04	0	0	0	436,313
8/05	0	0	0	436,313
8/06	0	0	0	436,313
8/07	0	0	0	436,313
8/08	0	0	0	436,313
8/09	0	0	0	436,313
8/10	0	0	0	436,313
8/11	0	0	0	436,313
8/12	0	0	0	436,313
8/13	0	0	0	436,313
8/14	0	0	0	436,313
8/15	0	0	0	436,313
Total	18,692	417,621		436,313

[a]Whole day count missing due to heavy ice or debris passage or equipment malfunctions. Missing data counts on the north bank are estimated using average percentage of north and south banks (4.6%).

[b]Some hourly counts missing. Missing counts interpolated from adjacent counts.

[c]Sonar counter on south bank changed from 1978 to 1981 model. The 1981 model has increased sensitivity and greater range.

[d]North bank site relocated downstream for one day to evaluate a new site.

Appendix C.2. Sockeye salmon escapement through the Long Lake weir, 1985.[a]

Date	Escapement Daily	Escapement Cummulative	Date	Escapement Daily	Escapement Cummulative
7/23	0	0	8/24	668	4,411
7/24	0	0	8/25	325	4,736
7/25	0	0	8/26	803	5,539
7/26	0	0	8/27	1,013	6,552
7/27	0	0	8/28	2,613	9,165
7/28	0	0	8/29	1,419	10,584
7/29	0	0	8/30	1,474	12,058
7/30	0	0	8/31	173	12,231
7/31	0	0	9/ 1	3,732	15,963
8/ 1	0	0	9/ 2	1,193	17,156
8/ 2	0	0	9/ 3	305	17,461
8/ 3	0	0	9/ 4	553	18,014
8/ 4	0	0	9/ 5	815	18,829
8/ 5	0	0	9/ 6	357	19,186
8/ 6	137	137	9/ 7	225	19,411
8/ 7	0	137	9/ 8	322	19,733
8/ 8	103	240	9/ 9	700	20,433
8/ 9	426	666	9/10	161	20,594
8/10	0	666	9/11	26	20,620
8/11	0	666	9/12	45	20,665
8/12	214	880	9/13	0	20,665
8/13	1,019	1,899	9/14	1	20,666
8/14	354	2,253	9/15	369	21,035
8/15	240	2,493	9/16	53	21,088
8/16	243	2,736	9/17	5	21,093
8/17	0	2,736	9/18	0	21,093
8/18	43	2,779	9/19	0	21,093
8/19	50	2,829	9/20	10	21,103
8/20	112	2,941	9/21	4	21,107
8/21	317	3,258	9/22	9	21,116
8/22	230	3,488	9/23	14	21,130
8/23	255	3,743	9/24[b]	1	21,131
			Total		21,131

[a]Data collected by the Collins family at Long Lake.

[b]Weir closed.

Appendix C.3. Aerial escapement indices by date and location for sockeye, chinook, and coho salmon returning to the upper Copper River drainage, 1985.

Location	Survey					
	Conditions	Date	Method	Sockeye	Chinook	Coho
Bremner River						
Peninsula Lake		Aug. 6	A	16	0	
Little Bremner River		N/S				
Steamboat Lake		Aug. 26	A	55	0	
Eagle Creek		Jul. 18	A	5	0	
Salmon Creek		Jul. 18	A	575	0	
Price Creek		Aug. 6	A	5	0	
Unnamed Creek #1		Aug. 6	A	4	0	
Unnamed Creek #2		Aug. 6	A	0	0	
Tasnuna River		Aug. 6	A	5	0	
Whiting Falls Creek		Aug. 6	A	10	0	
Unnamed Tributary		Various	A	0	0	
Tiekel Lake		Aug. 6	A	20	0	
Swan Lakes						
Lake #1		Aug. 6	A	10	0	
Lake #2		Aug. 6	A	650	0	
Lake #3		Aug. 6	A	50	0	
Lake #4		Aug. 6	A	75	0	
Tonsina River	*					
Lower Tonsina Creek		Aug. 5	A	150	0	
Little Tonsina River		Aug. 5	A	0	203	
Fourth of July Creek		N/S				
Tonsina Lake		Oct. 24	A	290		
Bernard Creek		Aug. 5	A	0	21	
Greyling Creek		Aug. 5	A	0	58	
Dust Creek		Aug. 5	A	0	5	
Unnamed Creek						

-Continued-

Appendix C.3. (page 2 of 4)

Location	Survey					
	Conditions	Date	Method	Sockeye	Chinook	Coho
Klutina River	*	Sep. 11	A	1,225	0	
Manker Creek		Aug. 5	A	0	22	
Mahlo Creek		Aug. 6	A	575	0	
Island Lake		Aug. 6	A	3,600	0	
1884 Lake		Sep. 11	A	4	0	
Hallet Slough Beach	*	Aug. 26	A	330	0	
Curtis Creek						
St. Anne Creek		Aug. 6	A	1,250	15	
Klutina Inlet		Sep. 11	A	15	0	
Tazlina River						
Upper Mendeltna Creek		Jul. 3	A	75	0	
Mendeltna Creek		Aug. 26	A	2,300	26	
Kiana Creek		Aug. 5	A	10	91	
Tazlina Lake		Aug. 5	A	19	0	
Gulkana River						
Mouth to West Fork						
West Fork		Jul. 19	A	945	30	
Moose Creek						
Keg Creek		Jul. 19	A	825	0	
Victor Creek		Jul. 19	A	650	0	
West Fork to Middle Fork		Jul. 15	A	4,350	139	
Middle Fork		Jul. 15	A	125	101	
Dickey Lake		Jul. 15	A	290	0	
Swede Lake		Aug. 15	A	250	0	
Hungry Hollow Creek		Jul. 19	A	0	32	
East Fork						
East Fork to Paxson Lake		Aug. 17	A	3,600	19	
Paxson Lake		Jul. 26	A	0	0	
Paxson Lake Inlet		Aug. 26	A	3,900	0	
Inlet to Mud Creek		Jul. 26	A	7,500	0	
Mud Creek and Lake		Jul. 26	A	200	0	
Mud Creek to Summit Lake		Sep. 25	A	8,150	0	
Fish Lake		Jul. 19	A	3,750	0	
Summit Lake		Aug. 17	A	100	0	
Gunn Greek		Oct. 4	A	4,080	0	
Gunn Lake Creek		Jul. 26	A	575	0	

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Appendix C.3. (page 3 of 4)

Location	Survey					
	Conditions	Date	Method	Sockeye	Chinook	Coho
Gakona River						
Spring Creek		Jul. 19	A	0	47	
Alder Creek		Jul. 26	A	35	0	
Drop Creek		Jul. 26	A	0	8	
Tributary near Boulder Creek		Jul. 22	A	0	2	
Sinona Creek						
Bear Creek		Jul. 26	A	0	2	
Chistochina River						
East Fork		Jul. 26	A	0	360	
Eagle Creek		Jul. 26	A	12	11	
Mankomen Lake						
Slana River	*					
Mentasta Lake		Jul. 22	A	3,850	0	
Fish Creek		Jul. 26	A	1,800	0	
Bad Crossing #1		Jul. 22	A	600	0	
Bad Crossing #2		Jul. 26	A	525	0	
Granite Creek		Jul. 26	A	0	0	
Bone Creek		Jul. 26	A	70	10	
Slana Sloughs		Jul. 22	A	200	0	
Suslota Lake		Jul. 22	A	2,200	0	
Indian River		Jul. 22	A	0	14	
Ahtell Creek		Jul. 22	A	0	8	
Tanada Creek						
Tanada Lake		Sep. 25	A	5,600	0	
Tanada Lake Outlet		Sep. 25	A	6,100	0	

-Continued-

Appendix C.3. (page 4 of 4)

Location	Survey					
	Conditions	Date	Method	Sockeye	Chinook	Coho
Copper Creek						
Copper Lake		Sep. 25	A	23	0	
Tebay River		Aug. 6	A	0	19	
Chokosna River		N/S				
Lakina River						
Long Lake		Sep. 11	A	590		
Nizina River						
Spruce Point Creek						
Trumpeter Lake						
Lake Creek						
Clear Creek (Chitina River)						
Tana River	*					
Tana River Clear Channels		Aug. 26	A	555	0	
Tana Lake Inlet	*	Aug. 6	A	350	0	
West Fork Channels		Aug. 26	A	240	0	
Chakina River						
Monahan Creek		Aug. 6	A	0	5	
Totals				73,363	1,248	0

Appendix C.4. Temporally stratified age and sex composition of the upper Copper River sockeye salmon escapement past the Miles Lake sonar project, 1985.[a]

		Brood Year and Age Group										
		1982		1981		1980			1979		1978	
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	Total
Strata Dates:	5/17 - 6/01											
Sample Dates:	6/07 - 6/09											
Sample Size:	370											
Female	Percent of Sample	0.0	0.0	14.1	5.1	0.0	33.0	1.4	0.0	3.2	0.0	56.8
	Number in Escapement	0	0	1,025	371	0	2,397	102	0	232	0	4,127
Male	Percent of Sample	0.0	0.0	9.4	1.6	0.3	28.3	1.4	0.0	2.2	0.0	43.2
	Number in Escapement	0	0	683	116	22	2,057	102	0	160	0	3,140
Total	Percent of Sample	0.0	0.0	23.5	6.7	0.3	61.3	2.8	0.0	5.4	0.0	100.0
	Number in Escapement	0	0	1,708	487	22	4,454	204	0	392	0	7,267
	Standard Error	0	0	160	95	21	184	62	0	86	0	
Strata Dates:	6/02 - 6/07											
Sample Dates:	6/14 - 6/16											
Sample Size:	529											
Female	Percent of Sample	0.4	0.0	1.8	3.8	0.0	50.3	3.0	0.2	9.8	0.0	69.3
	Number in Escapement	530	0	2,383	5,031	0	66,600	3,972	265	12,976	0	91,757
Male	Percent of Sample	0.0	0.0	0.8	1.3	0.0	24.0	0.8	0.4	3.2	0.2	30.7
	Number in Escapement	0	0	1,059	1,721	0	31,777	1,059	530	4,237	265	40,648
Total	Percent of Sample	0.4	0.0	2.6	5.1	0.0	74.3	3.8	0.6	13.0	0.2	100.0
	Number in Escapement	530	0	3,442	6,752	0	98,377	5,031	795	17,213	265	132,405
	Standard Error	364	0	917	1,268	0	2,518	1,102	445	1,938	257	
Strata Dates:	6/08 - 6/13											
Sample Dates:	6/21 - 6/23											
Sample Size:	408											
Female	Percent of Sample	0.5	0.0	0.0	7.3	0.0	37.2	2.7	0.5	10.0	0.0	58.2
	Number in Escapement	498	0	0	7,265	0	37,022	2,687	498	9,952	0	57,922
Male	Percent of Sample	0.7	0.0	0.5	2.0	0.0	28.7	2.0	0.5	7.4	0.0	41.8
	Number in Escapement	697	0	498	1,990	0	28,563	1,990	498	7,365	0	41,601
Total	Percent of Sample	1.2	0.0	0.5	9.3	0.0	65.9	4.7	1.0	17.4	0.0	100.0
	Number in Escapement	1,195	0	498	9,255	0	65,585	4,677	996	17,317	0	99,523
	Standard Error	537	0	348	1,433	0	2,339	1,044	491	1,870	0	

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		Brood Year and Age Group										
		1982		1981		1980			1979		1978	
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	Total
Strata Dates:	6/14 - 6/27											
Sample Dates:	6/28 - 7/07											
Sample Size:	576											
Female	Percent of Sample	0.2	0.0	1.0	3.9	0.0	38.7	3.1	0.2	9.2	0.0	56.3
	Number in Escapement	118	0	588	2,293	0	22,754	1,823	118	5,409	0	33,103
Male	Percent of Sample	0.0	0.0	0.9	3.0	0.0	32.3	0.9	0.5	6.1	0.0	43.7
	Number in Escapement	0	0	529	1,764	0	18,992	529	294	3,587	0	25,695
Total	Percent of Sample	0.2	0.0	1.9	6.9	0.0	71.0	4.0	0.7	15.3	0.0	100.0
	Number in Escapement	118	0	1,117	4,057	0	41,746	2,352	412	8,996	0	58,798
	Standard Error	110	0	335	621	0	1,113	481	204	883	0	
Strata Dates:	6/28 - 7/10											
Sample Dates:	7/13 - 7/24											
Sample Size:	383											
Female	Percent of Sample	0.5	0.0	0.8	3.4	0.0	50.0	0.5	0.5	4.7	0.0	60.4
	Number in Escapement	250	0	400	1,700	0	25,003	250	250	2,350	0	30,203
Male	Percent of Sample	0.0	0.0	1.3	1.3	0.0	35.1	0.0	0.3	1.6	0.0	39.6
	Number in Escapement	0	0	650	650	0	17,552	0	150	800	0	19,802
Total	Percent of Sample	0.5	0.0	2.1	4.7	0.0	85.1	0.5	0.8	6.3	0.0	100.0
	Number in Escapement	250	0	1,050	2,350	0	42,555	250	400	3,150	0	50,005
	Standard Error	180	0	367	541	0	911	180	228	622	0	
Strata Dates:	7/11 - 8/10											
Sample Dates:	7/27 - 8/10											
Sample Size:	1,180											
Female	Percent of Sample	0.0	0.5	0.5	8.9	0.0	41.3	2.7	0.0	2.3	0.0	56.3
	Number in Escapement	0	470	470	7,860	0	36,480	2,401	0	2,008	0	49,689
Male	Percent of Sample	0.0	0.0	0.3	4.3	0.0	36.7	1.1	0.2	1.2	0.0	43.7
	Number in Escapement	0	0	269	3,777	0	32,411	1,000	134	1,035	0	38,626
Total	Percent of Sample	0.0	0.5	0.8	13.2	0.0	78.0	3.9	0.2	3.4	0.0	100.0
	Number in Escapement	0	470	739	11,637	0	68,891	3,401	134	3,043	0	88,315
	Standard Error	0	260	325	803	0	1,101	418	139	614	0	

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		Brood Year and Age Group										
		1982		1981		1980			1979		1978	
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	Total
Strata Combined:	6/01 - 9/30											
Sample Dates:	6/07 - 8/10											
Sample Size:	3,446											
Female	Percent of Sample	0.3	0.1	1.1	5.6	0.0	43.6	2.6	0.2	7.6	0.0	61.1
	Number in Escapement	1,396	470	4,866	24,520	0	190,256	11,235	1,131	32,927	0	266,801
Male	Percent of Sample	0.2	0.0	0.9	2.3	0.0	30.1	1.0	0.4	3.9	0.1	38.9
	Number in Escapement	697	0	3,688	10,018	22	131,352	4,680	1,606	17,184	265	169,512
Total	Percent of Sample	0.5	0.1	2.0	7.9	0.0	73.7	3.6	0.6	11.5	0.1	100.0
	Number in Escapement	2,093	470	8,554	34,538	22	321,608	15,915	2,737	50,111	265	436,313
	Standard Error	658	1	1,158	2,234	21	3,889	1,657	743	2,967	257	

[a]Age composition data are from a temporally stratified sampling program in the upper Copper River subsistence and personal use fisheries at Chitina. Time strata in the upriver fisheries were lagged backwards to account for fish travel time from the sonar site at Miles Lake.

Appendix C.5. Sex and age composition of the sockeye salmon escapement through the weir at Long Lake, 1985.[a]

		Brood Year and Age Group										
		1982		1981		1980			1979		1978	
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4	Total
Strata Dates:	07/23 - 09/24											
Sample Dates:	09/03 - 09/04											
Sample Size:	715											
Female	Percent of Sample	0.0	0.0	0.0	24.8	0.0	26.7	8.5	0.0	0.6	0.0	60.6
	Number in Escapement	0	0	0	5,240	0	5,642	1,796	0	127	0	12,805
Male	Percent of Sample	0.0	0.0	0.0	13.1	0.0	20.8	4.1	0.0	1.4	0.0	39.4
	Number in Escapement	0	0	0	2,769	0	4,395	866	0	296	0	8,326
Total	Percent of Sample	0.0	0.0	0.0	37.9	0.0	47.5	12.6	0.0	2.0	0.0	100.0
	Number in Escapement	0	0	0	8,009	0	10,037	2,662	0	423	0	21,131
	Standard Error	0	0	0	384	0	395	262	0	111	0	

[a]Age, sex, and size data are from fish sampled at the weir on 3-4 September.

APPENDIX D

Escapements to coastal streams in the Copper/Bering River area

Appendix D.1. Sockeye salmon escapement through Tokun Lake weir, 1985.

Date	Escapement Daily	Escapement Cummulative	Date	Escapement Daily	Escapement Cummulative
6/11	51	51	7/20	81	9,801
6/12	70	121	7/21	0	9,801
6/13	471	592	7/22	0	9,801
6/14	771	1,363	7/23	0	9,801
6/15	1,429	2,792	7/24	5	9,806
6/16	730	3,522	7/25	242	10,048
6/17	619	4,141	7/26	20	10,068
6/18	1,044	5,185	7/27	141	10,209
6/19	676	5,861	7/28	85	10,294
6/20	19	5,880	7/29	81	10,375
6/21	0	5,880	7/30	37	10,412
6/22	0	5,880	7/31	29	10,441
6/23	0	5,880	8/01	27	10,468
6/24	966	6,846	8/02	119	10,587
6/25	270	7,116	8/03	21	10,608
6/26	239	7,355	8/04	30	10,638
6/27	335	7,690	8/05	14	10,652
6/28	170	7,860	8/06	17	10,669
6/29	394	8,254	8/07	41	10,710
6/30	1,008	9,262	8/08	28	10,738
7/01	186	9,448	8/09	3	10,741
7/02	21	9,469	8/10	5	10,746
7/03	108	9,577	8/11	11	10,757
7/04	67	9,644	8/12	39	10,796
7/05	7	9,651	8/13	106	10,902
7/06	0	9,651	8/14	15	10,917
7/07	0	9,651	8/15	0	10,917
7/08	0	9,651	8/16	5	10,922
7/09	0	9,651	8/17	17	10,939
7/10	0	9,651	8/18	35	10,974
7/11	0	9,651	8/19	3	10,977
7/12	0	9,651	8/20	0	10,977
7/13	17	9,668	8/21	10	10,987
7/14	6	9,674	8/22	0	10,987
7/15	14	9,688	8/23	0	10,987
7/16	32	9,720	8/24	0	10,987
7/17	0	9,720	8/25	4	10,991
7/18	0	9,720	8/26[a]	2	10,993
7/19	0	9,720	Total		11,293[b]

[a]Weir pulled.

[b]300 fish seen in the outlet stream after the weir was pulled.

Appendix D.2. Aerial escapement indices and weir counts by date and location for sockeye salmon returning to the Copper River delta and Bering River, 1985.[a]

Copper River Delta System/Drainage	Survey Site	Survey Dates 13 Jun	19 Jun	25 Jun	27 Jun	05 Jul	11 Jul	18 Jul	31 Jul
Eyak Lake	West Shore Beaches	0	0	Rain	35	600	675	500	1,300 *
	Middle Arm Beaches	60	100	Fog/Turb.	200	250	1,000 *	Poor Vis.	Poor Vis.
	North Shore Beaches	0	0	Fog/Turb.	125 *	Glacial	Glacial	Poor Vis.	Poor Vis.
	Hatchery Creek Delta	0	200	Fog/Turb.	350	200	350 *	Poor Vis.	Poor Vis.
	Hatchery Creek	0	0	Fog/Turb.	0	450	600 *	Poor Vis.	Poor Vis.
	Power Creek and Delta	0	0	Fog/Turb.	0	Glacial	Glacial	Poor Vis.	Poor Vis.
Ibek Creek	Ibek Creek	NS	NS	NS	NS	NS	NS	NS	NS
Alganik Slough	McKinley Lake	0	0	0	125	3,000 +	8,000	14,000	20,000
	Salmon Creek - Left Fork	0	0	0	0	0	0	0	2,500
	Salmon Creek - Right Fork	0	0	0	0	0	0	0	200
26/27 Mile Creek	26/27 Mile Creek	0	0	0	300	5,500	4,500	6,500 *	3,500
39 Mile Ceek	39 Mile Ceek	0	NS	NS	0	8,500	10,500	22,000	27,000 *
Goat Mountain Creek	Goat Mountain Creek	NS	NS	NS	0	0	12	0	0
Pleasant Creek	Pleasant Creek	NS	NS	NS	0	0	2,500 *	1,500	500
Martin River	Martin River	NS	0	1,000	350	4,110	5,500	4,300	3,000
	Ragged Point River	NS	NS	NS	NS	NS	NS	NS	9,500
	Ragged Point Lake Outlet	NS	NS	NS	NS	NS	NS	NS	0
	Ragged Point Lake	NS	NS	NS	NS	NS	NS	NS	0
	Martin Lake Outlet	NS	0	120	600	400	3,500	3,000 *	4,000
	Martin Lake	NS	0	0	3,500	12,000	8,000 +	7,000 *	5,500
	Martin Lake Feeders	NS	0	0	0	3,500	6,500	10,500 *	8,000
	Pothole Lake Outlet	NS	0	0	50	1,100	2,000	1,500 *	300
	Pothole Lake	NS	0	0	0	0	0	0	0
	Little Martin Lake Outlet	NS	0	0	1,000	600	125	0	0
	Little Martin Lake	NS	0	250	50	7,000	6,000	10,000	11,000 *
	Tokun River	NS	150	300	200	3,500	150	300	150
	Tokun Springs	NS	0	0	25	?	?	?	?
	Tokun Lake Outlet	NS	0	Turb.	1,100	0	0	0	0
	Tokun Lake Aerial Counts	NS	0	Turb.	0	1,500	NS	?	250
	Tokun Weir (Cummulative)	592	5,861	7,116	7,690	9,651 *	9,651	9,720	10,441
Martin River Slough	Martin River Slough	NS	10	1,500	4,000	7,800	8,100 *	6,200	3,500
Copper River Delta Daily Survey Totals		60	460	3,170	12,010	60,010	68,012	87,300	100,200

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Appendix D.2. (page 2 of 4)

Copper River Delta System/Drainage	Survey Site	Survey Dates 09 Aug	26 Aug	04 Sep	11 Sep	18 Sep	07 Oct	Estimated Escapement Site[b]	System[c]
Eyak Lake	West Shore Beaches	Turb.	750	500	1,350 *	Turb.	Turb.	2,650	11,875
	Middle Arm Beaches	Turb.	Muddy	3,000	4,000 *	Turb.	1,500	5,000	
	North Shore Beaches	Turb.	Muddy	Silty	400 *	Turb.	500	525	
	Hatchery Creek Delta	Turb.	Muddy	2,500 *	300	Turb.	0	2,850	
	Hatchery Creek	Turb.	Muddy	250 *	400	Turb.	450	850	
	Power Creek and Delta	Turb.	Muddy	Glacial	Glacial	Turb.	0	0	
Ibek Creek	Ibek Creek	0	25 *	0	0	Turb.	0	25	25
Alganik Slough	McKinley Lake	19,000 *	10,000	5,000	1,500	0	900	19,000	27,000
	Salmon Creek - Left Fork	7,000 *	7,000	8,000	2,500	Turb.	0	7,000	
	Salmon Creek - Right Fork	1,000 *	200	1,000	400	0	0	1,000	
26/27 Mile Creek	26/27 Mile Creek	0	500	450	150	0	NS	6,500	6,500
39 Mile Ceek	39 Mile Ceek	18,000	25,000	1,500	20,000	8,000	4,000	27,000	27,000
Goat Mountain Creek	Goat Mountain Creek	0	150 *	Turb.	50	0	0	150	150
Pleasant Creek	Pleasant Creek	NS	0	Turb.	Muddy	0	0	2,500	2,500
Martin River	Martin River	5,000	100	0	0	0	0	0	0
	Ragged Point River	4,000	6,000 *	Turb.	0	25	0	6,000	18,500
	Ragged Point Lake Outlet	2,500	1,500 *	Turb.	1,000	1,500	0	1,500	
	Ragged Point Lake	3,500	11,000 *	Turb.	12,000	10,000	4,500	11,000	
	Martin Lake Outlet	3,000	3,500	0	3,000	2,500	200	3,000	20,500
	Martin Lake	3,000	0	0	0	300	0	7,000	
	Martin Lake Feeders	1,200	0	0	0	0	0	10,500	
	Pothole Lake Outlet	0	0	150	350	400	0	1,500	1,500
	Pothole Lake	1,500	6,000	6,000	7,000	8,000	0	0	
	Little Martin Lake Outlet	0	0	0	0	0	0	0	11,000
	Little Martin Lake	4,500	8,500	7,000	9,000	5,000	0	11,000	
	Tokun River	75	200	0	300 *	Turb.	?	300	11,393
	Tokun Springs	?	100 *	0	0	0	?	100	
	Tokun Lake Outlet	0	0	0	0	Turb.	?	0	
	Tokun Lake Aerial Counts	1,000	4,500	1,500	7,000 *	Turb.	?	7,000	
	Tokun Weir (Cummulative)	10,741	10,993[d]	10,993	10,993	10,993	10,993	10,993	
Martin River Slough	Martin River Slough	2,500	0	0	0	Turb.	0	8,100	8,100
Copper River Delta Daily	Survey Totals	76,775	85,025	36,850	70,700	35,725	12,050		146,043

-Continued-

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Copper River Delta System/Drainage	Survey Site	Survey Dates 13 Jun	19 Jun	25 Jun	27 Jun	05 Jul	11 Jul	18 Jul	31 Jul
Bering River	Bering Lake	NS	200	0	100	10,000	15,500 *	8,500	3,000
	Dick Creek	NS	0	0	0	0	200 *	7,000	8,000 +
	Shepherd Creek	NS	0	50	200	2,000	6,000 +	8,000 *	Silty
	Carbon Creek	NS	NS	NS	NS	0	0	?	?
	Maxwell Creek	NS	NS	NS	NS	0	0	?	?
	Trout Creek	NS	NS	NS	NS	NS	NS	NS	NS
	Clear Creek	NS	NS	NS	NS	NS	NS	NS	NS
	Kushtaka Lake	NS	NS	NS	NS	NS	NS	NS	NS
	Shokum Creek	NS	NS	NS	NS	NS	NS	NS	NS
Bering River Area Total		0	200	50	300	12,000	21,700	23,500	11,000
Copper River Delta/Bering River Area Total		60	660	3,220	12,310	72,010	89,712	110,800	111,200

-Continued-

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Copper River Delta System/Drainage	Survey Site	09 Aug	26 Aug	04 Sep	11 Sep	18 Sep	07 Oct	Estimated Escapement Site[b]	Estimated Escapement System[c]
Bering River	Bering Lake	350	0	0	0	0	0	15,500	15,700
	Dick Creek	4,000	0	0	0	0	0	200	
	Shepherd Creek	Silty	Silty	Turb.	Silty	?	0	8,000	8,000
	Carbon Creek	?	Silty	Turb.	0	Turb.	NS	0	
	Maxwell Creek	?	0	Turb.	0	Turb.	NS	0	
	Trout Creek	?	0	Turb.	0	Turb.	NS	0	0
	Clear Creek	?	100	Turb.	0	Turb.	NS	100	100
	Kushtaka Lake	500 *[e]	50	Turb.	Silty	Turb.	NS	1,000[e]	2,500
	Shokum Creek	0 *[e]	3	Turb.	0	Turb.	NS	1,500[e]	
Bering River Area Total		4,850	153	0	0	0	0		26,300
Copper River Delta/Bering River Area Total		81,625	85,178	36,850	70,700	35,725	12,050		172,343

[a]The survey sites represent most of the known sockeye salmon spawning locations in the Copper River Delta and Bering River drainages. Weather permitting, the sites are surveyed weekly. The surveys provide information about the relative strength of escapements among years and within a year, time trends for spawning sites and the relative escapement strength among sites. The indices are not intended to provide an actual estimate of escapement for the coastal stocks but they have been used for that purpose in the absence of any other escapement estimating method.

[b]The escapement estimate for each site is the asterisked aerial survey estimate. Where the survey site is a terminal spawning area the peak count is used, however, if the site is a schooling area for migratory fish bound for sites further upstream the count which minimizes possible duplicate counts across dates is selected.

[c]The sum of the estimates by site within a system.

[d]The weir was pulled on 26 August.

[e]The 500 fish was from an aerial survey however, a crew sampled over 600 fish for scales on 14 and 15 August and during a thorough ground survey estimated approximately 1,000 fish in the lake and 1,500 fish in Shokum Creek. The aerial estimate was shown here to insure continuity and comparability among years but the ground survey estimate was used to allocate the Kushtaka Lake contribution to the Bering River drainage in the site and system totals.

Appendix D.3. Estimated age and sex composition of the combined sockeye salmon escapements to the Copper River Delta and Bering River drainages, 1985.

		Brood Year and Age Group												
		1983	1982		1981			1980			1979			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Copper River Delta Escapements [a]														
Sample Dates:	07/01 - 8/29													
Sample Size:	8,384													
Female	Percent of Sample	0.0	0.8	0.1	2.2	11.0	0.0	0.1	23.6	0.2	0.1	0.4	0.0	38.4
	Number in Escapement	0	1,133	197	3,093	15,586	0	96	33,403	293	80	611	0	54,492
Male	Percent of Sample	0.1	12.4	6.9	1.3	26.0	0.3	0.0	14.1	0.3	0.0	0.1	0.0	61.6
	Number in Escapement	129	17,610	9,831	1,826	36,848	370	39	19,953	404	69	196	0	87,276
Total	Percent of Sample	0.1	13.2	7.1	3.5	37.0	0.3	0.1	37.6	0.5	0.1	0.6	0.0	100.0
	Number in Escapement	129	18,743	10,028	4,919	52,434	370	135	53,356	697	149	808	0	141,768
	Standard Error	48	476	407	250	750	84	55	697	120	50	124	0	
Bering River Escapements [a]														
Sample Dates:	07/08 - 08/15													
Sample Size:	1,921													
Female	Percent of Sample	0.0	2.3	0.1	1.1	10.3	0.0	0.1	19.5	0.8	0.7	0.5	0.0	35.4
	Number in Escapement	0	597	21	299	2,705	0	16	5,114	221	176	120	0	9,269
Male	Percent of Sample	0.1	18.4	11.1	0.6	17.1	0.1	0.1	15.5	1.1	0.2	0.4	0.0	64.6
	Number in Escapement	16	4,815	2,913	168	4,469	25	16	4,048	282	64	110	5	16,931
Total	Percent of Sample	0.1	20.7	11.2	1.8	27.4	0.1	0.1	35.0	1.9	0.9	0.9	0.0	100.0
	Number in Escapement	16	5,412	2,934	467	7,174	25	32	9,162	503	240	230	5	26,200
	Standard Error	13	295	179	101	440	7	36	404	97	5	63	11	
Combined Delta and Bering River Escapements [a]														
Sample Dates:	07/01 - 08/29													
Sample Size:	10,305													
Female	Percent of Sample	0.0	1.0	0.1	2.0	10.9	0.0	0.1	22.9	0.3	0.2	0.4	0.0	38.0
	Number in Escapement	0	1,730	218	3,392	18,291	0	112	38,517	514	256	731	0	63,761
Male	Percent of Sample	0.1	13.4	7.6	1.2	24.6	0.2	0.0	14.3	0.4	0.1	0.2	0.0	62.0
	Number in Escapement	145	22,425	12,744	1,994	41,317	395	55	24,001	686	133	306	5	104,207
Total	Percent of Sample	0.1	14.4	7.7	3.2	35.5	0.2	0.1	37.2	0.7	0.3	0.6	0.0	100.0
	Number in Escapement	145	24,155	12,962	5,386	59,608	395	167	62,518	1,200	389	1,038	5	167,968
	Standard Error	51	553	468	263	802	84	60	770	137	74	139	5	

[a] Includes only the escapements for the sites sampled and does not correspond to the drainage total shown in Appendix D.R.

Appendix D.4. Estimated age and sex composition of the sockeye salmon escapement to Eyak Lake, 1985.

		Brood Year and Age Group												
		1983	1982		1981			1980			1979			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Strata Dates: 06/13 - 10/07														
Sample Dates: 08/17 - 08/29														
Sample Size: 617														
Female	Percent of Sample	0.0	0.0	0.3	0.6	10.4	0.0	0.0	36.2	0.0	0.5	0.0	0.0	48.0
	Number in Escapement	0	0	36	71	1,235	0	0	4,299	0	59	0	0	5,700
Male	Percent of Sample	0.2	1.6	3.1	0.2	26.1	0.0	0.0	20.3	0.0	0.5	0.0	0.0	52.0
	Number in Escapement	24	190	368	24	3,099	0	0	2,411	0	59	0	0	6,175
Total	Percent of Sample	0.2	1.6	3.4	0.8	36.5	0.0	0.0	56.5	0.0	1.0	0.0	0.0	100.0
	Number in Escapement	24	190	404	95	4,334	0	0	6,710	0	118	0	0	11,875
	Standard Error	21	60	87	43	230	0	0	237	0	48	0	0	

Appendix D.5. Estimated age and sex composition of the sockeye salmon escapement to McKinley Lake, 1985.

		Brood Year and Age Group												
		1983	1982		1981			1980			1979			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Stratum Dates: 06/27 - 07/25														
Sample Dates: 07/14														
Sample Size: 651														
Female	Percent of Sample	0.0	0.5	0.0	1.1	10.3	0.0	0.3	22.6	1.1	0.0	0.3	0.0	36.2
	Number in Escapement	0	85	0	187	1,751	0	51	3,842	187	0	51	0	6,154
Male	Percent of Sample	0.0	22.5	0.3	0.8	31.8	0.0	0.0	7.5	0.9	0.0	0.0	0.0	63.8
	Number in Escapement	0	3,825	51	136	5,406	0	0	1,275	153	0	0	0	10,846
Total	Percent of Sample	0.0	23.0	0.3	1.9	42.1	0.0	0.3	30.1	2.0	0.0	0.3	0.0	100.0
	Number in Escapement	0	3,910	51	323	7,157	0	51	5,117	340	0	51	0	17,000
	Standard Error	0	281	36	91	329	0	36	306	93	0	36	0	
Stratum Dates: 07/26 - 10/07														
Sample Dates: 08/05														
Sample Size: 815														
Female	Percent of Sample	0.0	0.7	0.0	1.1	20.5	0.0	0.0	23.7	0.5	0.0	1.0	0.0	47.5
	Number in Escapement	0	70	0	110	2,050	0	0	2,370	50	0	100	0	4,750
Male	Percent of Sample	0.2	6.0	8.5	0.4	28.1	0.0	0.1	8.1	0.9	0.0	0.2	0.0	52.5
	Number in Escapement	20	600	850	40	2,810	0	10	810	90	0	20	0	5,250
Total	Percent of Sample	0.2	6.7	8.5	1.5	48.6	0.0	0.1	31.8	1.4	0.0	1.2	0.0	100.0
	Number in Escapement	20	670	850	150	4,860	0	10	3,180	140	0	120	0	10,000
	Standard Error	16	88	98	43	175	0	11	163	41	0	38	0	
Strata Combined 06/27 - 10/07														
Sample Dates: 07/14 and 08/05														
Sample Size: 1,466														
Female	Percent of Sample	0.0	0.6	0.0	1.1	14.1	0.0	0.2	23.0	0.9	0.0	0.5	0.0	40.4
	Number in Escapement	0	155	0	297	3,801	0	51	6,212	237	0	151	0	10,904
Male	Percent of Sample	0.1	16.4	3.3	0.7	30.4	0.0	0.0	7.7	0.9	0.0	0.1	0.0	59.6
	Number in Escapement	20	4,425	901	176	8,216	0	10	2,085	243	0	20	0	16,096
Total	Percent of Sample	0.1	17.0	3.3	1.8	44.5	0.0	0.2	30.7	1.8	0.0	0.6	0.0	100.0
	Number in Escapement	20	4,580	901	473	12,017	0	61	8,297	480	0	171	0	27,000
	Standard Error	16	294	104	101	373	0	38	347	102	0	53	0	

Appendix D.6. Estimated age and sex composition of the sockeye salmon escapement to 27-Mile Slough, 1985.

		Brood Year and Age Group												
		1983	1982		1981			1980			1979			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Stratum Dates:	06/27 - 09/04													
Sample Dates:	07/01													
Sample Size:	821													
Female	Percent of Sample	0.0	0.7	0.0	7.5	3.9	0.0	0.1	9.4	0.1	0.2	0.1	0.0	22.0
	Number in Escapement	0	46	0	486	254	0	7	611	7	13	7	0	1,431
Male	Percent of Sample	0.0	39.5	1.0	2.9	31.4	0.0	0.0	2.7	0.4	0.1	0.0	0.0	78.0
	Number in Escapement	0	2,566	65	189	2,040	0	0	176	26	7	0	0	5,069
Total	Percent of Sample	0.0	40.2	1.0	10.4	35.3	0.0	0.1	12.1	0.5	0.3	0.1	0.0	100.0
	Number in Escapement	0	2,612	65	675	2,294	0	7	787	33	20	7	0	6,500
	Standard Error	0	111	23	69	108	0	7	74	16	12	7	0	

Appendix D.7. Estimated age and sex composition of the sockeye salmon escapement to Ragged Point Lake, 1985.

		Brood Year and Age Group												
		1983	1982		1981			1980			1979			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Stratum Dates:	07/31 - 09/18													
Sample Dates:	08/10 - 08/11													
Sample Size:	960													
Female	Percent of Sample	0.0	3.9	0.1	0.6	5.8	0.0	0.0	17.3	0.1	0.0	1.3	0.0	29.1
	Number in Escapement	0	722	19	111	1,073	0	0	3,200	19	0	241	0	5,385
Male	Percent of Sample	0.4	30.2	11.4	0.5	15.0	2.0	0.0	10.6	0.2	0.0	0.6	0.0	70.9
	Number in Escapement	74	5,586	2,109	93	2,774	370	0	1,961	37	0	111	0	13,115
Total	Percent of Sample	0.4	34.1	11.5	1.1	20.8	2.0	0.0	27.9	0.3	0.0	1.9	0.0	100.0
	Number in Escapement	74	6,308	2,128	204	3,847	370	0	5,161	56	0	352	0	18,500
	Standard Error	38	283	191	62	242	84	0	268	33	0	82	0	

Appendix D.8. Estimated age and sex composition of the sockeye salmon escapement to Martin Lake, 1985.

		Brood Year and Age Group												
		1983	1982		1981			1980			1979			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Stratum Dates: 06/25 - 10/07														
Sample Dates: 07/16 - 07/17														
Sample Size: 816														
Female	Percent of Sample	0.0	0.2	0.1	1.0	14.7	0.0	0.0	5.5	0.0	0.0	0.1	0.0	21.6
	Number in Escapement	0	41	21	205	3,013	0	0	1,127	0	0	21	0	4,428
Male	Percent of Sample	0.0	2.6	18.3	0.1	55.6	0.0	0.1	1.5	0.2	0.0	0.0	0.0	78.4
	Number in Escapement	0	533	3,751	21	11,397	0	21	308	41	0	0	0	16,072
Total	Percent of Sample	0.0	2.8	18.4	1.1	70.3	0.0	0.1	7.0	0.2	0.0	0.1	0.0	100.0
	Number in Escapement	0	574	3,772	226	14,410	0	21	1,435	41	0	21	0	20,500
	Standard Error	0	118	278	75	328	0	23	183	32	0	23	0	

Appendix D.9. Estimated age and sex composition of the sockeye salmon escapement to Little Martin Lake, 1985.

		Brood Year and Age Group												
		1983	1982		1981			1980			1979			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Stratum Dates: 06/25 - 09/18														
Sample Dates: 07/28														
Sample Size: 716														
Female	Percent of Sample	0.0	0.8	1.1	0.7	20.9	0.0	0.0	16.6	0.1	0.0	0.0	0.0	40.2
	Number in Escapement	0	88	121	77	2,299	0	0	1,826	11	0	0	0	4,422
Male	Percent of Sample	0.1	4.2	22.9	0.0	30.3	0.0	0.0	2.2	0.1	0.0	0.0	0.0	59.8
	Number in Escapement	11	462	2,519	0	3,333	0	0	242	11	0	0	0	6,578
Total	Percent of Sample	0.1	5.0	24.0	0.7	51.2	0.0	0.0	18.8	0.2	0.0	0.0	0.0	100.0
	Number in Escapement	11	550	2,640	77	5,632	0	0	2,068	22	0	0	0	11,000
	Standard Error	13	90	176	34	206	0	0	161	18	0	0	0	

Appendix D.10. Estimated age and sex composition of the temporally stratified sockeye salmon escapement through the Tokun Lake weir, 1985.

		Brood Year and Age Group											
		1982		1981			1980			1979			
		0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Strata Dates:	6/11 - 7/08												
Sample Dates:	6/23												
Sample Size:	529												
Female	Percent of Sample	0.0	0.0	0.4	25.3	0.0	0.0	32.1	0.2	0.0	1.5	0.0	59.5
	Number in Escapement	0	0	39	2,442	0	0	3,097	19	0	145	0	5,742
Male	Percent of Sample	0.0	0.0	0.0	17.8	0.0	0.0	22.7	0.0	0.0	0.0	0.0	40.5
	Number in Escapement	0	0	0	1,718	0	0	2,191	0	0	0	0	3,909
Total	Percent of Sample	0.0	0.0	0.4	43.1	0.0	0.0	54.8	0.2	0.0	1.5	0.0	100.0
	Number in Escapement	0	0	39	4,160	0	0	5,288	19	0	145	0	9,651
	Standard Error	0	0	27	208	0	0	209	19	0	51	0	
Strata Dates:	7/09 - 8/26												
Sample Dates:	7/24 - 7/25												
Sample Size:	457												
Female	Percent of Sample	0.0	0.0	0.0	32.2	0.0	0.2	15.5	0.0	0.0	0.7	0.0	48.6
	Number in Escapement	0	0	0	529	0	3	255	0	0	11	0	798
Male	Percent of Sample	0.0	0.4	0.2	21.2	0.0	0.0	29.0	0.2	0.2	0.2	0.0	51.4
	Number in Escapement	0	7	3	348	0	0	476	3	3	3	0	844
Total	Percent of Sample	0.0	0.4	0.2	53.4	0.0	0.2	44.5	0.2	0.2	0.9	0.0	100.0
	Number in Escapement	0	7	3	877	0	3	731	3	3	15	0	1,642
	Standard Error	0	4	3	31	0	3	31	3	3	6	0	
Strata Combined:	06/11 - 08/26												
Sample Dates:	06/23 and 07/24 - 07/25												
Sample Size:	986												
Female	Percent of Sample	0.0	0.0	0.3	26.3	0.0	0.0	29.7	0.2	0.0	1.4	0.0	57.9
	Number in Escapement	0	0	39	2,971	0	3	3,352	19	0	156	0	6,540
Male	Percent of Sample	0.0	0.1	0.0	18.3	0.0	0.0	23.6	0.0	0.0	0.0	0.0	42.1
	Number in Escapement	0	7	3	2,066	0	0	2,667	3	3	3	0	4,753
Total	Percent of Sample	0.0	0.1	0.4	44.6	0.0	0.0	53.3	0.2	0.0	1.4	0.0	100.0
	Number in Escapement	0	7	42	5,037	0	3	6,019	22	3	160	0	11,293
	Standard Error	0	4	27	210	0	3	211	19	3	51	0	

Appendix D.11. Estimated age and sex composition of the sockeye salmon escapement to Martin River Slough, 1985.

		Brood Year and Age Group												
		1983	1982		1981			1980			1979			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Stratum Dates: 06/19 - 08/09														
Sample Dates: 07/07														
Sample Size: 1,134														
Female	Percent of Sample	0.0	1.0	0.0	17.3	1.6	0.0	0.1	5.4	0.0	0.1	0.1	0.0	25.6
	Number in Escapement	0	81	0	1,402	130	0	8	437	0	8	8	0	2,074
Male	Percent of Sample	0.0	44.5	0.7	12.3	13.1	0.0	0.1	3.4	0.2	0.0	0.1	0.0	74.4
	Number in Escapement	0	3,605	57	996	1,061	0	8	275	16	0	8	0	6,026
Total	Percent of Sample	0.0	45.5	0.7	29.6	14.7	0.0	0.2	8.8	0.2	0.1	0.2	0.0	100.0
	Number in Escapement	0	3,686	57	2,398	1,191	0	16	712	16	8	16	0	8,100
	Standard Error	0	120	20	110	85	0	11	68	11	8	11	0	

Appendix D.12. Estimated age and sex composition of the sockeye salmon escapement to 39-Mile Creek, 1985.

		Brood Year and Age Group												
		1983	1982		1981			1980			1979			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Stratum Dates: 07/05 - 10/07														
Sample Dates: 07/13														
Sample Size: 868														
Female	Percent of Sample	0.0	0.0	0.0	1.5	3.0	0.0	0.1	45.7	0.0	0.0	0.1	0.0	50.4
	Number in Escapement	0	0	0	405	810	0	27	12,339	0	0	27	0	13,608
Male	Percent of Sample	0.0	0.9	0.2	1.2	10.6	0.0	0.0	36.4	0.1	0.0	0.2	0.0	49.6
	Number in Escapement	0	243	54	324	2,862	0	0	9,828	27	0	54	0	13,392
Total	Percent of Sample	0.0	0.9	0.2	2.7	13.6	0.0	0.1	82.1	0.1	0.0	0.3	0.0	100.0
	Number in Escapement	0	243	54	729	3,672	0	27	22,167	27	0	81	0	27,000
	Standard Error	0	87	41	149	314	0	29	352	29	0	50	0	

Appendix D.13. Estimated age and sex composition of the sockeye salmon escapement to Bering Lake, 1985.

		Brood Year and Age Group												
		1983	1982		1981			1980			1979			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Stratum Dates: 06/19 - 08/26														
Sample Dates: 07/18														
Sample Size: 694														
Female	Percent of Sample	0.0	2.8	0.1	0.6	6.8	0.0	0.0	21.2	0.1	0.0	0.4	0.0	32.0
	Number in Escapement	0	440	16	94	1,068	0	0	3,327	16	0	63	0	5,024
Male	Percent of Sample	0.1	19.0	17.2	0.1	15.0	0.0	0.1	15.3	0.6	0.0	0.6	0.0	68.0
	Number in Escapement	16	2,983	2,700	16	2,355	0	16	2,402	94	0	94	0	10,676
Total	Percent of Sample	0.1	21.8	17.3	0.7	21.8	0.0	0.1	36.5	0.7	0.0	1.0	0.0	100.0
	Number in Escapement	16	3,423	2,716	110	3,423	0	16	5,729	110	0	157	0	15,700
	Standard Error	19	246	226	50	246	0	19	287	50	0	59	0	

Appendix D.14. Estimated age and sex composition of the sockeye salmon escapement to Shepherd Creek, 1985.

		Brood Year and Age Group												
		1983	1982		1981			1980			1979			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Stratum Dates:	06/25 - 07/18													
Sample Dates:	07/08 - 07/09													
Sample Size:	629													
Female	Percent of Sample	0.0	1.9	0.0	2.5	6.7	0.0	0.2	21.3	0.0	2.2	0.3	0.0	35.1
	Number in Escapement	0	152	0	200	536	0	16	1,704	0	176	24	0	2,808
Male	Percent of Sample	0.0	22.8	2.1	1.9	16.4	0.0	0.0	20.2	0.5	0.8	0.2	0.0	64.9
	Number in Escapement	0	1,824	168	152	1,312	0	0	1,616	40	64	16	0	5,192
Total	Percent of Sample	0.0	24.7	2.1	4.4	23.1	0.0	0.2	41.5	0.5	3.0	0.5	0.0	100.0
	Number in Escapement	0	1,976	168	352	1,848	0	16	3,320	40	240	40	0	8,000
	Standard Error	0	138	46	65	135	0	14	157	23	54	23	0	

Appendix D.15. Estimated age and sex composition of the sockeye salmon escapement to Kushtaka Lake, 1985.[a]

		Brood Year and Age Group												
		1983	1982		1981			1980			1979			
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Stratum Dates:	08/09 - 08/26													
Sample Dates:	08/14 - 08/15													
Sample Size:	598													
Female	Percent of Sample	0.0	0.2	0.2	0.2	44.1	0.0	0.0	3.3	8.2	0.0	1.3	0.0	57.5
	Number in Escapement	0	5	5	5	1,101	0	0	83	205	0	33	0	1,437
Male	Percent of Sample	0.0	0.3	1.8	0.0	32.1	1.0	0.0	1.2	5.9	0.0	0.0	0.2	42.5
	Number in Escapement	0	8	45	0	802	25	0	30	148	0	0	5	1,063
Total	Percent of Sample	0.0	0.5	2.0	0.2	76.2	1.0	0.0	4.5	14.1	0.0	1.3	0.2	100.0
	Number in Escapement	0	13	50	5	1,903	25	0	113	353	0	33	5	2,500
	Standard Error	0	7	14	5	44	10	0	21	36	0	12	5	

[a]The escapement estimate in this table is based on a foot survey done by the sampling crew as noted in Appendix Table D.2.

Appendix D.16. Aerial escapement indices and weir counts by date and location for coho salmon returning to the Copper River delta and Bering River, 1985.[a]

Copper River Delta System/Drainage	Survey Site	Survey Dates 13 Jun	19 Jun	25 Jun	27 Jun	05 Jul	11 Jul	18 Jul	31 Jul
Eyak Lake	West Shore Beaches	0	0	Rain	0	0	0	0	0
	Middle Arm Beaches	0	0	Fog/Turb.	0	0	0	Poor Vis.	Poor Vis.
	North Shore Beaches	0	0	Fog/Turb.	0	Glacial	Glacial	Poor Vis.	Poor Vis.
	Hatchery Creek Delta	0	0	Fog/Turb.	0	0	0	Poor Vis.	Poor Vis.
	Hatchery Creek	0	0	Fog/Turb.	0	0	0	Poor Vis.	Poor Vis.
	Power Creek Delta	0	0	Fog/Turb.	0	Glacial	Glacial	Poor Vis.	Poor Vis.
	Power Creek	0	0	Fog/Turb.	0	Glacial	Glacial	Poor Vis.	Poor Vis.
Ibek Creek	Ibek Creek	NS	NS	NS	NS	NS	NS	NS	NS
Alganik Slough	McKinley Lake	0	0	0	0	0	0	0	0
	Salmon Creek - Left Fork	0	0	0	0	0	0	0	0
	Salmon Creek - Right Fork	0	0	0	0	0	0	0	0
26/27 Mile Creek	26/27 Mile Creek	0	0	0	0	0	0	0	0
39 Mile Ceek	39 Mile Ceek	0	NS	NS	0	0	0	0	0
Goat Mountain Creek	Goat Mountain Creek	NS	NS	NS	0	0	0	0	0
Pleasant Creek	Pleasant Creek	NS	NS	NS	0	0	0	0	0
Martin River	Martin River	NS	0	0	0	0	0	0	0
	Ragged Point River	NS	NS	NS	NS	NS	NS	NS	0
	Ragged Point Lake Outlet	NS	NS	NS	NS	NS	NS	NS	0
	Ragged Point Lake	NS	NS	NS	NS	NS	NS	NS	0
	Martin Lake Outlet	NS	0	0	0	0	0	0	0
	Martin Lake	NS	0	0	0	0	0	0	0
	Martin Lake Feeders	NS	0	0	0	0	0	0	0
	Pothole Lake Outlet	NS	0	0	0	0	0	0	0
	Pothole Lake	NS	0	0	0	0	0	0	0
	Little Martin Lake Outlet	NS	0	0	0	0	0	0	0
	Little Martin Lake	NS	0	0	0	0	0	0	0
	Tokun River	NS	0	0	0	0	0	0	0
	Tokun Springs	NS	0	0	0	?	?	?	?
	Tokun Lake Outlet	NS	0	Turb.	0	0	0	0	0
	Tokun Lake Aerial Counts	NS	0	Turb.	0	0	NS	?	0
	Tokun Weir (Cummulative)	0	0	0	0	0	0	0	0
Martin River Slough	Martin River Slough	NS	10	0	0	0	0	0	0
Copper River Delta Daily Survey Totals		0	10	0	0	0	0	0	0

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Copper River Delta System/Drainage	Survey Site	Survey Dates 09 Aug	26 Aug	04 Sep	11 Sep	18 Sep	07 Oct	Estimated Escapement Site[b]	System[c]
Eyak Lake	West Shore Beaches	Turb.	0	1,000	0	Turb.	Turb.	0	8,810
	Middle Arm Beaches	Turb.	Muddy	0	0	Turb.	300	0	
	North Shore Beaches	Turb.	Muddy	Silty	0	Turb.	100	0	
	Hatchery Creek Delta	Turb.	Muddy	2,500	7,000 *	Turb.	2,500	7,000	
	Hatchery Creek	Turb.	Muddy	0	10 *	Turb.	500	10	
	Power Creek Delta	Turb.	Muddy	Glacial	Glacial	Turb.	500 *	500	
	Power Creek	Turb.	Muddy	Glacial	Glacial	Turb.	1,300 *	1,300	
Ibek Creek	Ibek Creek	0	3,000	8,500 *	8,000	Turb.	8,125	8,500	8,500
Alganik Slough	McKinley Lake	0	300	200	4,000 *	300	900	4,000	11,000
	Salmon Creek - Left Fork	0	0	0	2,000 *	Turb.	0	2,000	
	Salmon Creek - Right Fork	0	0	0	5,000 *	1,500	800	5,000	
26/27 Mile Creek	26/27 Mile Creek	0	0	100	100	300 *	NS	300	300
39 Mile Ceek	39 Mile Ceek	0	1,000	4,500	8,000	8,000 *	4,500	8,000	8,000
Goat Mountain Creek	Goat Mountain Creek	0	100	Turb.	2,700	4,000 *	3,000	4,000	4,000
Pleasant Creek	Pleasant Creek	NS	0	Turb.	Muddy	1,500 *	0	1,500	1,500
Martin River	Martin River	0	6,700	8,500	11,500 *	11,000	10,500	11,500	0
	Ragged Point River	0	0	Turb.	150	400	1,500 *	1,500	1,500
	Ragged Point Lake Outlet	0	0	Turb.	0	0	0	0	
	Ragged Point Lake	0	0	Turb.	0	0	0	0	
	Martin Lake Outlet	0	3,000	3,000 *	2,000	2,000	600	3,000	9,100
	Martin Lake	0	3,500	6,100 *	3,000	2,500	0	6,100	
	Martin Lake Feeders	0	0	0 *	0	200	0	0	
	Pothole Lake Outlet	0	1,500	1,400	4,500 *	350	0	4,500	8,500
	Pothole Lake	0	200	0	4,000 *	1,500	0	4,000	
	Little Martin Lake Outlet	0	0	100 *	2,500	3,000	0	100	4,100
	Little Martin Lake	0	0	4,000 *	1,000	0	0	4,000	
	Tokun River	0	0	200	250	Turb.	1,400 *	1,400	1,900
	Tokun Springs	0	150	50	250	500 *	0	500	
	Tokun Lake Outlet	0	0	0	0	Turb.	0	0	
	Tokun Lake Aerial Counts	0	0	0	0	Turb.	?	0	
	Tokun Weir (Cummulative)	0	0[d]	0	0	0	0	0	
Martin River Slough	Martin River Slough	0	7,000	15,000	26,000 *	Turb.	10,600	26,000	26,000
Copper River Delta Daily Survey Totals		0	26,450	55,150	91,960	37,050	47,125		93,210

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Copper River Delta System/Drainage	Survey Site	Survey Dates 13 Jun	19 Jun	25 Jun	27 Jun	05 Jul	11 Jul	18 Jul	31 Jul
Katella River	Katella River	NS	NS	NS	NS	NS	0	0	0
Bering River	Bering Lake Outlet	NS	0	0	0	0	0	0	0
	Bering Lake	NS	0	0	0	0	0	0	0
	Dick Creek	NS	0	0	0	0	0	0	0
	Shepherd Creek	NS	0	0	0	0	0	0	Silty
	Carbon Creek	NS	NS	NS	NS	0	0	?	?
	Maxwell Creek	NS	NS	NS	NS	0	0	?	?
	Trout Creek	NS	NS	NS	NS	NS	NS	NS	NS
	Clear Creek	NS	NS	NS	NS	NS	NS	NS	NS
	Kushtaka Lake	NS	NS	NS	NS	NS	NS	NS	NS
	Shokum Creek	NS	NS	NS	NS	NS	NS	NS	NS
Nichawak River	Nichawak River	NS	NS	NS	NS	NS	NS	NS	NS
Gandil River	Gandil River	NS	NS	NS	NS	NS	NS	NS	NS
Controller Bay Stream	Controller Bay Stream	NS	NS	NS	NS	NS	NS	NS	NS
	Okalee River	NS	NS	NS	NS	NS	NS	NS	NS
Bering River Area Total		0	0	0	0	0	0	0	0
Copper River Delta/Bering River Area Total		0	10	0	0	0	0	0	0

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Copper River Delta System/Drainage	Survey Site	09 Aug	26 Aug	04 Sep	11 Sep	18 Sep	07 Oct	Estimated Escapement Site[b]	Estimated Escapement System[c]
Katella River	Katella River	Fog	3,000	14,000 *	6,000	Turb.	3,000	14,000	14,000
Bering River	Bering Lake Outlet	0	0	11,000	3,000	7,000 *	0	7,000	23,000
	Bering Lake	0	2,800	1,000	11,000	11,000 *	5,500	11,000	
	Dick Creek	0	2,600	2,500	1,200	5,000 *	2,100	5,000	
	Shepherd Creek	Silty	Silty	Turb.	Silty	?	1,500 *	1500	1500
	Carbon Creek	?	Silty	Turb.	0	Turb.	NS	0	
	Maxwell Creek	?	0	Turb.	0	Turb.	NS	0	
	Trout Creek	?	0	Turb.	0	Turb.	NS	0	0
	Clear Creek	?	0	Turb.	0	Turb.	NS	0	0
	Kushtaka Lake	0	0	Turb.	Silty	Turb.	NS	0	0
	Shokum Creek	0	0	Turb.	0	Turb.	NS	0	
Nichawak River	Nichawak River	0	3,500 *	Muddy	Muddy	Turb.	200	3,500	3,500
Gandil River	Gandil River	0	Muddy	Muddy	Muddy	Turb.	4,500 *	4,500	4,500
Controller Bay Stream	Controller Bay Stream	0	600	18,565	23,000 *	8,000	0	23,000	23,000
	Okalee River	0	0	0	11,000 *	Turb.	0	11,000	11,000
Bering River Area Total		0	12,500	47,065	55,200	31,000	16,800		80,500
Copper River Delta/Bering River Area Total		0	38,950	102,215	147,160	68,050	63,925		173,710

[a]The survey sites represent most of the known sockeye salmon spawning locations in the Copper River Delta and Bering River drainages. Weather permitting, the sites are surveyed weekly. The surveys provide information about the relative strength of escapements among years and within a year, time trends for spawning sites and the relative escapement strength among sites. The indices are not intended to provide an actual estimate of escapement for the coastal stocks but they have been used for that purpose in the absence of any other escapement estimating method.

[b]The escapement estimate for each site is the asterisked aerial survey estimate. Where the survey site is a terminal spawning area the peak count is used, however, if the site is a schooling area for migratory fish bound for sites further upstream the count which minimizes possible duplicate counts across dates is selected.

[c]The sum of the estimate by site within a system.

[d]The weir was pulled on 26 August.

APPENDIX E

Catches from Prince William Sound (Districts 221-228)

Appendix E.1. Weekly catches of salmon by gear and species in the fisheries of Prince William Sound, 1985.

General District Purse Seine Fisheries

		Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	6/16 - 6/22										
26	6/23 - 6/29										
27	7/01 - 7/06	68	1,010	5,254	33,168	714	5,619	512,297	1,732,666	51,508	445,848
28	7/07 - 7/13	117	1,484	15,376	90,411	1,295	10,814	820,119	2,856,798	167,589	1,394,195
29	7/14 - 7/19	131	2,389	20,625	125,263	2,253	17,913	1,948,571	6,867,871	169,074	1,427,301
30	7/22 - 7/26	172	2,939	21,770	132,348	1,470	11,942	3,228,247	11,358,004	135,331	1,134,220
31	7/29 - 8/02	71	1,159	20,886	128,022	2,113	16,559	6,335,753	22,289,257	127,157	1,069,581
32	8/05 - 8/09	91	1,595	17,059	102,651	2,784	21,599	6,646,693	23,363,461	186,230	1,570,284
33	8/12 - 8/16	19	314	16,641	103,576	3,641	31,753	2,797,401	9,762,954	148,202	1,275,376
34	8/19 - 8/23	25	303	6,675	41,521	1,603	14,346	930,815	3,304,295	39,346	334,165
35	8/26 - 8/30	0	0	755	4,660	568	5,589	123,445	424,346	1,118	8,415
36	9/01 - 9/07										
Season Totals		694	11,193	125,041	761,620	16,441	136,134	23,343,341	81,959,652	1,025,555	8,659,385
Average Weights			16.1		6.1		8.3		3.5		8.4

Drift Gill Net Total

		Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	6/16 - 6/22	72	993	22,212	148,151	8	66	748	3,223	20,122	169,428
26	6/23 - 6/29	76	1,398	78,415	505,409	56	387	2,155	9,540	34,287	287,567
27	6/30 - 7/06	105	1,506	146,092	920,721	201	1,448	16,680	74,070	60,654	487,708
28	7/07 - 7/13	51	750	79,793	501,235	417	3,250	64,717	284,094	59,533	469,461
29	7/14 - 7/20	28	428	26,786	166,110	97	665	91,828	395,168	23,824	190,487
30	7/21 - 7/27	35	360	7,464	46,302	81	686	104,132	431,699	21,689	176,766
31	7/28 - 8/03	31	449	4,196	26,356	285	2,440	99,159	393,842	13,240	102,951
32	8/04 - 8/10	9	120	2,279	14,364	5	48	95,196	363,354	13,414	102,767
33	8/11 - 8/17	0	0	258	1,691	3	23	14,006	51,599	5,024	38,547
34	8/18 - 8/24	0	0	0	0	0	0	0	0	0	0
35	8/25 - 8/31	0	0	0	0	0	0	0	0	0	0
36	9/01 - 9/07										
Season Totals		407	6,004	367,495	2,330,339	1,153	9,013	488,621	2,006,589	251,787	2,025,682
Average Weights			14.8		6.3		7.8		4.1		8.0

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Set Gill Net Total

		Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	6/16 - 6/22	0	0	0	0	0	0	0	0	0	0
26	6/23 - 6/29	0	0	0	0	0	0	0	0	0	0
27	6/30 - 7/06	0	0	0	0	0	0	0	0	0	0
28	7/07 - 7/13	0	0	0	0	0	0	0	0	0	0
29	7/14 - 7/20	0	0	0	0	0	0	0	0	0	0
30	7/21 - 7/27	0	0	0	0	0	0	0	0	0	0
31	7/28 - 8/03	0	0	246	1,443	0	0	3,536	12,565	443	3,303
32	8/04 - 8/10	0	0	1,018	6,242	5	41	17,814	63,076	590	4,266
33	8/11 - 8/17	0	0	459	2,994	12	124	5,730	20,032	121	932
34	8/18 - 8/24	0	0	708	4,498	33	285	5,050	17,874	94	686
35	8/25 - 8/31	1	11	1,008	5,888	24	198	1,154	3,943	47	345
36	9/01 - 9/07										
Season Totals		1	11	3,439	21,065	74	648	33,284	117,490	1,295	9,532
Average Weights			11.0		6.1		8.8		3.5		7.4

Hatchery Special Harvest Areas

		Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	6/16 - 6/22	0	0	4	37	0	0	42,354	141,101	8	64
26	6/23 - 6/29	0	0	19	117	1	4	145,040	499,114	21	168
27	7/01 - 7/06										
28	7/07 - 7/13										
29	7/14 - 7/19										
30	7/21 - 7/27	0	0	0	0	0	0	47,557	143,855	90	917
31	7/28 - 8/03	0	0	0	0	0	0	121,984	389,380	127	1,142
32	8/04 - 8/10	0	0	0	0	0	0	331,021	1,111,775	218	2,031
33	8/11 - 8/17	0	0	0	0	0	0	271,324	906,711	450	3,427
34	8/18 - 8/24	0	0	0	0	0	0	137,292	456,627	454	3,358
35	8/25 - 8/31	0	0	0	0	0	0	125,495	397,624	1,371	9,089
36	9/01 - 9/07	0	0	0	0	0	0	35,561	111,201	1,028	6,930
Season Totals		0	0	23	154	1	4	1,257,628	4,157,388	3,767	27,126
Average Weights			0.0		6.7		4.0		3.3		7.2

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Combined Purse Seine and Gill Net Fisheries

		Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	6/16 - 6/22	72	993	22,216	148,188	8	66	43,102	144,324	20,130	169,492
26	6/23 - 6/29	76	1,398	78,434	505,526	57	391	147,195	508,654	34,308	287,735
27	6/30 - 7/06	173	2,516	151,346	953,889	915	7,067	528,977	1,806,736	112,162	933,556
28	7/07 - 7/13	168	2,234	95,169	591,646	1,712	14,064	884,836	3,140,892	227,122	1,863,656
29	7/14 - 7/20	159	2,817	47,411	291,373	2,350	18,578	2,040,399	7,263,039	192,898	1,617,788
30	7/21 - 7/27	207	3,299	29,234	178,650	1,551	12,628	3,379,936	11,933,558	157,110	1,311,903
31	7/28 - 8/03	102	1,608	25,328	155,821	2,398	18,999	6,560,432	23,085,044	140,967	1,176,977
32	8/04 - 8/10	100	1,715	20,356	123,257	2,794	21,688	7,090,724	24,901,666	200,452	1,679,348
33	8/11 - 8/17	19	314	17,358	108,261	3,656	31,900	3,088,461	10,741,296	153,797	1,318,282
34	8/18 - 8/24	25	303	7,383	46,019	1,636	14,631	1,073,157	3,778,796	39,894	338,209
35	8/25 - 8/31	1	11	1,763	10,548	592	5,787	250,094	825,913	2,536	17,849
36	9/01 - 9/07	0	0	0	0	0	0	35,561	111,201	1,028	6,930
Season Totals		1,102	17,208	495,998	3,113,178	17,669	145,799	25,122,874	88,241,119	1,282,404	10,721,725
Average Weights			15.6		6.3		8.3		3.5		8.4

Appendix E.2. Commercial catches of salmon by species and fishing period in the Eastern District purse seine fishery, Prince William Sound, 1985.

Period				Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	Time (Hrs)	Number of Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
27	7/01 - 7/02	39	149	67	1,001	4,493	28,559	714	5,619	511,520	1,729,923	49,944	430,332
28	7/10 - 7/12	63	169	62	802	3,771	22,073	1,156	9,627	541,613	1,863,522	81,299	682,797
29	7/15 - 7/19	111	135	50	735	3,481	21,347	1,199	9,991	727,585	2,577,130	66,980	568,412
30	7/22 - 7/26	111	103	27	416	2,385	14,262	529	4,537	862,054	3,048,078	49,473	433,135
31	7/29 - 8/02	111	86	19	302	2,085	12,773	416	3,528	1,669,487	6,065,637	57,184	495,789
32	8/05 - 8/09	111	98	15	161	1,529	9,132	649	5,269	1,691,152	6,018,172	119,799	1,033,390
33	8/12 - 8/16	111	118	16	288	516	3,455	1,186	11,246	466,541	1,646,809	106,765	929,972
34	8/19 - 8/23	111	46	25	303	16	101	445	4,021	245,191	903,920	25,866	222,493
35	8/26 - 8/30	111	1	0	0	0	0	404	3,898	0	0	0	0
Season Total		879	905	281	4,008	18,276	111,702	6,698	57,736	6,715,143	23,853,191	557,310	4,796,320
Average Weight					14.3		6.1		8.6		3.6		8.6

Appendix E.3. Commercial catches by species and date in the Eastern District purse seine fishery, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
7/01	121	11	160	1,549	9,853	260	1,928	242,334	815,580	30,395	266,594
7/02	110	56	841	2,944	18,706	454	3,691	269,186	914,343	19,549	163,738
7/10	104	11	218	921	5,850	85	714	179,070	618,249	28,381	240,181
7/11	119	8	96	1,741	10,063	479	4,045	218,499	757,624	26,032	216,916
7/12	106	43	488	1,109	6,160	592	4,868	144,044	487,649	26,886	225,700
7/15	83	11	235	789	4,839	156	1,289	148,586	528,805	19,811	166,211
7/16	68	26	285	516	3,266	204	1,680	130,332	455,955	14,174	117,652
7/17	66	0	0	517	3,101	16	126	121,491	430,615	8,846	80,741
7/18	82	4	82	753	4,661	196	1,688	159,567	568,523	8,620	74,993
7/19	78	9	133	906	5,480	627	5,208	167,609	593,232	15,529	128,815
7/22	61	3	40	501	3,072	32	246	175,220	623,619	7,537	64,258
7/23	71	1	4	657	3,943	57	475	184,702	664,663	11,961	105,600
7/24	67	2	26	453	2,588	145	1,345	184,305	636,366	9,987	87,316
7/25	61	0	0	264	1,602	41	370	124,699	436,556	9,263	77,927
7/26	80	21	346	510	3,057	254	2,101	193,128	686,874	10,725	98,034
7/29	69	1	30	679	4,104	121	822	319,103	1,143,160	8,240	73,235
7/30	68	8	125	456	2,823	152	1,416	352,917	1,292,835	15,119	125,844
7/31	67	5	74	413	2,516	20	192	347,228	1,258,406	11,660	100,690
8/01	68	2	20	314	1,982	6	43	382,044	1,387,783	6,180	52,483
8/02	61	3	53	223	1,348	117	1,055	268,195	983,453	15,985	143,537
8/05	70	0	0	313	1,977	17	133	437,484	1,582,977	19,873	168,362
8/06	79	3	39	253	1,571	44	442	379,364	1,344,118	20,642	178,789
8/07	68	1	4	192	1,100	108	938	297,816	1,044,954	27,990	250,235
8/08	49	2	45	210	1,238	234	1,933	212,834	766,403	21,873	186,812
8/09	77	9	73	561	3,246	246	1,823	363,654	1,279,720	29,421	249,192
8/12	77	4	72	153	858	550	4,917	216,687	769,117	37,356	328,934
8/13	85	2	14	160	1,224	102	1,049	109,738	387,353	26,963	229,868
8/14	49	2	42	68	463	189	1,765	38,710	133,579	14,578	128,523
8/15	38	1	7	18	110	154	1,662	59,446	211,897	12,692	107,899
8/16	34	7	153	117	800	191	1,853	41,960	144,863	15,176	134,748
8/19	36	0	0	4	29	134	1,096	126,189	453,696	10,534	87,280
8/20	35	1	35	11	66	132	1,263	84,134	312,512	9,824	86,041
8/21	21	24	268	1	6	44	402	23,700	95,376	4,296	38,820
8/22	3	0	0	0	0	0	0	461	2,492	198	1,751
8/23	4	0	0	0	0	135	1,260	10,707	39,844	1,014	8,601
8/29	1	0	0	0	0	404	3,898	0	0	0	0
Total	2,336	281	4,008	18,276	111,702	6,698	57,736	6,715,143	23,853,191	557,310	4,796,320
Average Weight			14.3		6.1		8.6		3.6		8.6

Appendix E.4. Commercial catches of salmon by species and date in the Eastern District purse seine fishery, Statistical Area 221-10, Prince William Sound, 1985.

Date(s	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/17	1	0	0	0	0	0	0	30	100	40	320
07/26	1	0	0	0	0	0	0	1,120	4,170	85	680
Totals	2	0	0	0	0	0	0	1,150	4,270	125	1,000
Average Weights			0.0		0.0		0.0		3.7		8.0

Appendix E.5. Commercial catches of salmon by species and date in the Eastern District purse seine fishery, Statistical Area 221-20, Prince William Sound, 1985.

Date(s	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/01	8	0	0	10	60	0	0	8,400	27,680	330	2,793
07/02	19	0	0	514	3,103	15	107	22,075	74,341	2,056	16,623
07/10	9	0	0	62	336	0	0	16,236	56,790	4,318	37,088
07/11	8	0	0	29	174	0	0	10,386	36,627	2,458	21,114
07/12	10	0	0	35	200	0	0	9,365	32,966	2,409	20,878
07/16	3	0	0	23	136	0	0	4,606	16,332	1,477	12,938
07/17	3	0	0	26	184	0	0	7,099	24,867	406	3,482
07/18	4	0	0	15	105	0	0	5,144	18,460	953	7,665
07/19	9	1	5	101	645	253	2,196	19,741	68,696	2,030	17,031
07/22	1	0	0	0	0	0	0	750	2,636	1,376	10,492
07/23	3	0	0	5	30	0	0	5,225	19,093	1,369	11,904
07/24	5	0	0	85	465	0	0	17,124	61,688	1,275	10,487
07/25	4	0	0	0	0	0	0	5,814	21,094	46	420
07/26	10	0	0	4	25	0	0	9,554	33,328	1,350	12,127
07/29	1	0	0	1	9	0	0	6,150	21,933	36	350
07/30	0	0	0	0	0	0	0	4,750	17,079	13	100
07/31	1	0	0	84	513	0	0	4,971	17,484	837	6,308
08/01	2	0	0	2	10	0	0	1,803	6,540	22	232
08/02	3	0	0	7	42	12	111	11,061	42,112	135	1,302
08/05	6	0	0	30	192	0	0	46,919	183,902	593	5,064
08/06	4	0	0	33	195	12	108	15,335	54,924	1,498	13,465
08/07	2	0	0	56	266	0	0	12,311	43,136	2,205	19,871
08/08	2	0	0	32	160	0	0	9,648	33,770	1,803	16,230
08/09	2	1	10	23	140	0	0	13,222	45,563	306	2,685
08/12	8	0	0	74	372	0	0	40,219	143,610	922	8,624
08/13	5	0	0	0	0	0	0	11,404	42,764	441	4,198
08/14	2	0	0	4	25	57	462	2,057	6,603	164	1,171
08/15	5	0	0	3	20	4	47	6,800	21,511	40	380
08/19	3	0	0	0	0	0	0	16,584	58,045	91	730
08/20	3	0	0	2	10	25	200	12,688	45,319	136	1,146
08/21	2	0	0	0	0	0	0	4,463	14,595	33	275
Totals	147	2	15	1,260	7,417	378	3,231	361,904	1,293,488	31,128	267,173
Average Weights			7.5		5.9		8.5		3.6		8.6

Appendix E.6. Commercial catches of salmon by species and date in the Eastern District purse seine fishery, Statistical Area 221-30, Prince William Sound, 1985.

Date(s	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/01	41	0	0	268	1,616	165	1,194	74,406	243,522	8,346	69,010
07/02	21	0	0	168	1,007	29	342	27,267	89,557	4,790	36,792
07/10	29	3	51	246	1,508	5	41	69,114	231,693	4,704	39,238
07/11	35	0	0	391	2,383	150	1,157	82,630	261,778	5,259	42,007
07/12	25	0	0	242	1,420	28	210	26,272	90,806	3,985	33,834
07/15	34	1	26	293	1,819	42	324	82,880	286,680	4,687	37,582
07/16	39	3	63	346	2,197	66	611	92,962	322,259	5,443	43,926
07/17	25	0	0	243	1,523	0	0	71,731	251,821	3,135	30,233
07/18	42	0	0	413	2,462	35	327	91,006	318,315	2,671	23,768
07/19	32	1	18	326	1,944	15	156	84,734	300,315	2,023	16,685
07/22	36	0	0	373	2,260	31	238	99,516	345,152	1,316	10,512
07/23	36	1	4	451	2,700	44	366	104,018	362,838	2,739	22,016
07/24	33	0	0	266	1,583	71	610	103,571	343,807	1,793	14,553
07/25	27	0	0	160	974	41	370	66,284	225,128	1,414	11,789
07/26	30	0	0	235	1,431	35	246	65,132	229,329	1,211	9,919
07/29	22	1	30	175	1,082	0	0	77,244	280,779	1,050	8,463
07/30	24	0	0	218	1,335	140	1,303	136,750	484,382	2,951	26,262
07/31	21	0	0	128	789	0	0	106,823	384,410	1,508	12,799
08/01	22	0	0	100	636	0	0	100,765	357,931	783	6,718
08/02	13	1	12	57	358	0	0	69,887	246,868	1,312	11,117
08/05	20	0	0	186	1,194	0	0	162,470	570,449	1,721	14,837
08/06	25	2	15	144	915	16	152	130,325	463,902	2,145	19,176
08/07	23	0	0	62	384	26	218	107,340	382,449	3,200	29,924
08/08	11	0	0	67	450	93	726	74,561	257,936	1,653	13,573
08/09	25	1	9	143	906	88	791	147,942	517,048	3,222	27,372
08/12	24	0	0	25	150	277	2,200	82,359	287,208	963	8,123
08/13	14	0	0	1	5	17	175	15,726	54,772	959	7,884
08/14	15	0	0	28	221	58	522	17,875	58,823	704	5,882
08/15	6	0	0	6	38	80	915	17,767	65,288	450	4,083
08/16	6	0	0	1	10	5	50	3,128	10,533	605	4,249
08/19	5	0	0	0	0	123	984	17,717	63,629	676	5,541
08/20	1	0	0	0	0	0	0	2,118	7,625	55	470
08/21	0	0	0	0	0	0	0	2,029	6,635	66	410
Totals	762	14	228	5,762	35,300	1,680	14,228	2,414,349	8,403,667	77,539	648,747
Average Weights			16.3		6.1		8.5		3.5		8.4

Appendix E.7. Commercial catches of salmon by species and date in the Eastern District purse seine fishery, Statistical Area 221-40, Prince William Sound, 1985.

Date(s)	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/01	15	1	8	826	5,345	56	460	29,566	99,988	2,147	17,636
07/02	16	14	215	902	6,010	194	1,515	32,748	111,695	1,543	13,805
07/10	17	1	15	350	2,149	42	358	24,071	80,130	4,178	35,088
07/11	23	1	26	382	2,199	289	2,569	29,780	105,837	3,462	28,480
07/12	23	0	0	162	918	154	1,451	24,510	88,335	2,690	21,816
07/15	18	5	60	173	1,051	67	558	19,505	68,748	4,435	37,714
07/16	6	0	0	36	238	12	102	8,569	29,406	716	5,818
07/17	17	0	0	93	492	13	101	17,725	61,762	1,275	11,228
07/18	16	3	54	148	904	73	609	35,528	128,401	693	6,491
07/19	7	0	0	75	379	1	8	13,283	49,451	685	6,157
07/22	10	0	0	45	287	0	0	29,609	108,861	1,564	14,169
07/23	18	0	0	105	622	2	14	38,567	146,380	3,281	30,716
07/24	13	0	0	62	330	11	99	25,816	92,265	1,351	11,944
07/25	12	0	0	32	176	0	0	25,094	92,085	1,342	11,626
07/26	15	0	0	114	632	3	25	59,252	213,194	1,173	10,097
07/29	27	0	0	383	2,336	121	822	164,223	579,296	2,995	27,706
07/30	25	0	0	108	740	0	0	133,852	491,353	3,052	19,840
07/31	29	4	53	128	761	0	0	157,799	576,003	2,947	25,010
08/01	30	0	0	137	870	5	36	193,133	710,690	2,691	22,406
08/02	22	0	0	66	393	16	137	86,085	313,344	1,715	14,234
08/05	23	0	0	80	473	17	133	116,590	407,736	2,367	20,284
08/06	25	0	0	54	312	1	18	129,806	465,747	3,938	30,490
08/07	23	0	0	26	168	2	20	87,400	298,212	5,807	49,685
08/08	17	0	0	40	217	12	100	69,985	259,808	9,244	78,131
08/09	22	0	0	54	300	5	40	78,220	280,762	16,215	140,017
08/12	28	1	10	19	120	36	349	57,633	202,666	23,021	200,898
08/13	35	0	0	5	36	5	63	27,793	96,470	13,131	114,311
08/14	20	0	0	2	12	9	92	4,348	15,092	8,604	74,307
08/15	15	0	0	9	52	44	445	13,176	49,351	7,287	63,728
08/16	17	0	0	101	703	2	19	14,286	44,199	5,888	49,988
08/19	6	0	0	2	15	0	0	20,624	73,712	3,801	31,237
08/20	6	0	0	1	4	0	0	16,392	57,585	2,588	22,424
08/21	3	0	0	0	0	0	0	2,143	7,680	683	5,381
08/29	1	0	0	0	0	404	3,898	0	0	0	0
Totals	600	30	441	4,720	29,244	1,596	14,041	1,787,111	6,406,244	146,509	1,252,862
Average Weights			14.7		6.2		8.8		3.6		8.6

Appendix E.8. Commercial catches of salmon by species and date in the Eastern District purse seine fishery, Statistical Area 221-50, Prince William Sound, 1985.

Date(s)	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/01	60	10	152	437	2,779	39	274	119,496	405,500	18,676	169,350
07/02	54	42	626	1,360	8,586	216	1,727	187,096	638,750	11,160	96,518
07/10	45	7	152	262	1,849	38	315	54,551	190,452	13,865	116,728
07/11	44	6	65	929	5,242	39	314	71,954	258,615	13,885	116,428
07/12	45	35	334	659	3,560	302	2,344	64,718	209,148	15,691	131,065
07/15	32	5	149	319	1,948	47	407	45,326	169,848	10,675	90,800
07/16	22	23	222	111	695	126	967	24,195	87,958	6,538	54,970
07/17	20	0	0	155	902	3	25	24,906	92,065	3,990	35,478
07/18	21	1	28	177	1,190	88	752	27,889	103,347	4,303	37,069
07/19	31	7	110	404	2,512	358	2,848	49,851	174,770	10,791	88,942
07/22	14	3	40	83	525	1	8	45,345	166,970	3,281	29,085
07/23	17	0	0	96	591	11	95	36,892	136,352	4,572	40,964
07/24	16	2	26	40	210	63	636	37,794	138,606	5,568	50,332
07/25	18	0	0	72	452	0	0	27,507	98,249	6,461	54,092
07/26	26	21	346	157	969	216	1,830	58,070	206,853	6,906	65,211
07/29	19	0	0	120	677	0	0	71,486	261,152	4,159	36,716
07/30	20	8	125	130	748	12	113	77,565	300,021	9,103	79,642
07/31	16	1	21	73	453	20	192	77,635	280,509	6,368	56,573
08/01	17	2	20	75	466	1	7	86,343	312,622	2,684	23,127
08/02	25	2	41	93	555	89	807	101,162	381,129	12,823	116,884
08/05	24	0	0	17	118	0	0	111,505	420,890	15,192	128,177
08/06	26	1	24	22	149	15	164	103,898	359,545	13,061	115,658
08/07	22	1	4	48	282	80	700	90,765	321,157	16,778	150,755
08/08	18	2	45	70	405	129	1,107	58,449	214,219	8,823	75,798
08/09	32	7	54	341	1,900	153	992	124,270	436,347	9,678	79,118
08/12	19	3	62	35	216	237	2,368	36,476	135,633	12,450	111,289
08/13	35	2	14	154	1,183	80	811	54,815	193,347	12,432	103,475
08/14	12	2	42	34	205	65	689	14,430	53,061	5,106	47,163
08/15	13	1	7	0	0	26	255	21,703	75,747	4,915	39,708
08/16	11	3	60	7	39	166	1,605	21,170	76,615	5,927	56,351
08/19	22	0	0	2	14	11	112	71,264	258,310	5,966	49,772
08/20	25	1	35	8	52	107	1,063	52,936	201,983	7,045	62,001
08/21	15	24	268	1	6	44	402	15,065	66,466	3,514	32,754
08/22	3	0	0	0	0	0	0	461	2,492	198	1,751
08/23	4	0	0	0	0	135	1,260	10,707	39,844	1,014	8,601
Totals	843	222	3,072	6,491	39,478	2,917	25,189	2,077,695	7,468,572	293,598	2,552,345
Average Weights			13.8		6.1		8.6		3.6		8.7

Appendix E.9. Commercial catches of salmon by species and date in the Eastern District purse seine fishery, Statistical Area 221-60, Prince William Sound, 1985.

		Chinook		Sockeye		Coho		Pinks		Chums	
Date(s	Number of Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/01	2	0	0	8	53	0	0	10,466	38,890	896	7,805
07/10	7	0	0	1	8	0	0	15,098	59,184	1,316	12,039
07/11	10	1	5	10	65	1	5	23,749	94,767	968	8,887
07/12	3	8	154	11	62	108	863	19,179	66,394	2,111	18,107
07/15	2	0	0	4	21	0	0	875	3,529	14	115
08/08	1	0	0	1	6	0	0	191	670	350	3,080
08/16	1	4	93	8	48	18	179	3,376	13,516	2,756	24,160
Totals	26	13	252	43	263	127	1,047	72,934	276,950	8,411	74,193
Average Weights			19.4		6.1		8.2		3.8		8.8

Appendix E.10. Commercial catches of salmon by species and fishing period in the Northern District purse seine fishery, Prince William Sound, 1985.[a]

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
28	7/10 - 7/12	63	75	6	101	1,991	11,589	55	430	45,387	158,885	62,649	510,339
29	7/15 - 7/19	111	33	6	140	1,245	7,242	59	465	28,340	100,557	25,901	217,706
30	7/22 - 7/26	111	25	1	10	886	5,394	6	55	66,894	237,532	21,446	174,083
31	7/29 - 8/02	111	14	0	0	1,036	6,712	40	351	192,102	669,826	16,258	128,096
32	8/05 - 8/09	111	26	55	1,104	664	3,953	36	294	544,870	1,919,791	24,475	195,385
33	8/12 - 8/16	111	21	1	6	86	484	27	214	72,490	254,174	4,783	40,523
Season Total		618	194	69	1,361	5,908	35,374	223	1,809	950,083	3,340,765	155,512	1,266,132
Average Weight					19.7		6.0		8.1		3.5		8.1

[a]There are some irreconcilable discrepancies in the fish ticket summaries for the Northern District and the subdistricts within that district. The district total catches of sockeye, pink, and chum salmon are less than the sum of the total for the individual subdistricts. The discrepancies amount to 106 sockeye salmon, 15,658 pink salmon, and 671 chum salmon. The species totals used in the body of the report are those shown in the district total in this table and in Appendix Table E.11.

Appendix E.11. Commercial catches of salmon by species and date in the Northern District purse seine fishery, Prince William Sound, 1985.[a]

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
7/10	64	3	54	1,344	7,868	34	269	26,317	93,837	34,191	278,364
7/11	35	3	47	346	1,947	11	73	10,297	35,328	12,509	98,083
7/12	30	0	0	301	1,774	10	88	8,773	29,720	15,949	133,892
7/15	19	0	0	361	2,049	0	0	7,184	24,592	11,824	101,234
7/16	19	0	0	234	1,403	0	0	5,999	22,583	2,836	23,178
7/17	14	4	116	228	1,319	59	465	6,445	22,127	4,332	36,452
7/18	12	2	24	270	1,543	0	0	7,061	24,642	4,303	34,394
7/19	6	0	0	152	928	0	0	1,651	6,613	2,606	22,448
7/22	12	0	0	260	1,579	6	55	15,331	51,631	7,932	64,239
7/23	8	0	0	97	568	0	0	4,070	13,635	2,515	20,009
7/24	7	0	0	264	1,651	0	0	13,665	50,754	4,915	41,454
7/25	12	0	0	191	1,149	0	0	21,286	77,196	3,877	30,847
7/26	9	1	10	74	447	0	0	12,542	44,316	2,207	17,534
7/29	9	0	0	141	982	0	0	21,520	73,558	4,593	34,017
7/30	8	0	0	209	1,415	15	157	31,966	105,039	4,931	37,912
7/31	8	0	0	163	987	25	194	30,660	100,570	1,609	13,938
8/01	7	0	0	252	1,585	0	0	53,455	197,767	1,875	15,751
8/02	9	0	0	271	1,743	0	0	54,501	192,892	3,250	26,478
8/05	17	0	0	156	874	6	48	159,447	560,110	8,361	67,641
8/06	18	0	0	160	1,004	5	38	123,705	434,343	3,080	24,814
8/07	18	0	0	108	684	3	33	88,664	309,423	3,670	30,230
8/08	16	55	1,104	89	532	7	62	84,191	293,094	2,469	19,805
8/09	19	0	0	151	859	15	113	88,863	322,821	6,895	52,895
8/12	7	0	0	10	69	0	0	16,323	56,739	2,090	18,509
8/13	7	0	0	19	126	0	0	16,773	59,317	471	4,087
8/14	9	1	6	7	45	8	84	9,733	34,031	425	3,520
8/15	10	0	0	38	179	17	114	20,762	72,935	1,196	9,479
8/16	9	0	0	12	65	2	16	8,899	31,152	601	4,928
Total	418	69	1,361	5,908	35,374	223	1,809	950,083	3,340,765	155,512	1,266,132
Average Weight			19.7		6.0		8.1		3.5		8.1

[a]There are some irreconcilable discrepancies in the fish ticket summaries for the Northern District and the subdistricts within that district. The district total catches of sockeye, pink, and chum salmon are less than the sum of the totals for the individual subdistricts. The discrepancies amount to 106 sockeye salmon, 15,658 pink salmon, and 671 chum salmon. The species totals used in the body of the report are those shown in the district total in this table and in Appendix Table E.10.

Appendix E.12. Commercial catches of salmon by species and date in the Northern District purse seine fishery, Statistical Area 222-10, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/10	38	2	43	441	2,461	24	177	13,525	47,601	26,217	214,454
07/11	13	0	0	89	506	0	0	2,316	7,809	6,121	50,825
07/12	8	0	0	141	882	0	0	2,304	8,244	7,932	63,135
07/15	11	0	0	107	609	0	0	3,315	11,192	9,352	81,120
07/16	9	0	0	10	51	0	0	708	3,058	1,204	9,636
07/17	3	0	0	33	178	0	0	670	2,363	739	6,649
07/18	1	0	0	16	88	0	0	645	2,148	441	3,515
07/19	1	0	0	5	36	0	0	254	1,529	1,446	13,079
07/22	7	0	0	109	670	6	55	6,124	21,033	6,711	54,606
07/23	4	0	0	46	254	0	0	1,136	4,012	1,820	14,448
07/24	2	0	0	48	334	0	0	2,072	7,595	2,976	25,795
07/25	5	0	0	54	314	0	0	5,526	19,033	1,476	11,596
07/29	3	0	0	14	71	0	0	1,980	6,755	3,579	25,750
07/30	1	0	0	0	0	0	0	350	1,315	1,840	12,920
08/09	1	0	0	6	32	2	14	2,870	10,923	4,500	32,931
Totals	107	2	43	1,119	6,486	32	246	43,795	154,610	76,354	620,459
Average Weights			21.5		5.8		7.7		3.5		8.1

Appendix E.13. Commercial catches of salmon by species and date in the Northern District purse seine fishery, Statistical Area 222-20, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/10	23	1	11	756	4,591	1	10	10,648	39,268	6,445	52,718
07/11	13	0	0	206	1,126	0	0	3,745	13,569	2,342	17,966
07/12	14	0	0	115	671	8	70	3,940	13,560	4,896	46,587
07/15	3	0	0	190	1,069	0	0	2,036	7,113	642	5,424
07/16	8	0	0	215	1,316	0	0	4,178	15,620	1,377	11,545
07/17	8	0	0	176	1,031	0	0	3,967	13,980	2,629	21,915
07/18	11	2	24	254	1,455	0	0	6,416	22,494	3,862	30,879
07/19	5	0	0	147	892	0	0	1,397	5,084	1,160	9,369
07/22	6	0	0	151	909	0	0	9,207	30,598	1,221	9,633
07/23	6	0	0	51	314	0	0	2,934	9,623	695	5,561
07/24	5	0	0	216	1,317	0	0	11,593	43,159	1,939	15,659
07/25	7	0	0	137	835	0	0	12,348	46,203	1,984	15,867
07/26	7	0	0	70	425	0	0	8,697	32,056	502	3,843
07/29	4	0	0	72	479	0	0	10,175	34,705	473	4,205
07/30	4	0	0	111	718	0	0	15,845	50,325	2,122	16,880
07/31	4	0	0	110	602	25	194	20,495	66,418	987	8,935
08/01	4	0	0	133	900	0	0	27,771	108,990	1,096	9,455
08/02	3	0	0	30	185	0	0	13,714	48,813	2,008	16,526
08/05	8	0	0	51	299	6	48	47,420	175,651	3,572	29,569
08/06	7	0	0	60	360	0	0	44,126	154,117	886	7,240
08/07	6	0	0	45	264	0	0	24,611	80,756	2,370	19,187
08/08	5	55	1,104	37	218	0	0	32,324	111,463	1,105	8,509
08/09	6	0	0	47	279	2	20	33,383	121,735	1,510	12,636
08/12	4	0	0	0	0	0	0	7,758	26,762	344	2,782
08/13	2	0	0	4	21	0	0	3,563	12,251	136	1,130
08/14	8	0	0	7	45	3	34	8,567	29,947	298	2,440
08/15	4	0	0	14	62	10	62	9,985	35,096	420	3,442
08/16	4	0	0	5	34	2	16	1,821	6,376	523	4,280
Totals	189	58	1,139	3,410	20,417	57	454	382,664	1,355,732	47,544	394,182
Average Weights			19.6		6.0		8.0		3.5		8.3

Appendix E.14. Commercial catches of salmon by species and date in the Northern District purse seine fishery, Cannery Creek terminal harvest area, Statistical Area 222-21, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/24	1	0	0	4	24	0	0	903	3,774	0	0
07/25	2	0	0	23	155	0	0	0	0	140	1,210
07/30	2	0	0	29	185	0	0	5,740	19,930	299	2,380
07/31	0	0	0	5	40	0	0	1,700	5,290	9	90
08/01	3	0	0	65	340	0	0	16,165	55,420	306	3,030
08/02	3	0	0	84	519	0	0	13,168	47,410	519	4,166
08/05	7	0	0	88	490	0	0	86,399	294,760	959	7,669
08/06	5	0	0	64	409	0	0	48,344	168,291	550	4,215
08/07	7	0	0	35	235	0	0	40,301	138,678	495	4,133
08/08	3	0	0	20	137	0	0	14,822	49,096	265	2,363
08/09	6	0	0	20	130	0	0	29,074	101,071	112	924
08/12	0	0	0	2	10	0	0	3,213	11,245	59	470
08/13	3	0	0	3	15	0	0	4,762	16,668	66	525
08/15	2	0	0	1	7	0	0	1,219	4,267	29	230
08/16	3	0	0	0	0	0	0	3,697	12,939	45	350
Totals	47	0	0	443	2,696	0	0	269,507	928,839	3,853	31,755
Average Weights			0.0		6.1		0.0		3.4		8.2

Appendix E.15. Commercial catches of salmon by species and date in the Northern District purse seine fishery, Statistical Area 222-40, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/10	4	0	0	142	784	9	82	1,280	4,376	906	6,770
07/11	5	1	5	27	160	3	22	1,555	5,443	2,088	15,038
07/12	3	0	0	24	107	0	0	550	1,926	70	600
07/15	1	0	0	0	0	0	0	20	60	675	6,080
07/29	2	0	0	55	432	0	0	9,365	32,098	541	4,062
07/30	2	0	0	85	613	0	0	11,455	38,950	670	5,360
07/31	2	0	0	48	345	0	0	7,665	26,064	562	4,498
08/01	3	0	0	107	605	0	0	18,939	66,287	736	5,896
08/02	4	0	0	157	1,039	0	0	27,619	96,669	723	5,786
08/05	3	0	0	17	85	0	0	24,981	87,435	554	4,187
08/06	5	0	0	30	187	0	0	30,317	108,721	1,200	9,723
08/07	5	0	0	28	185	3	33	23,752	89,989	805	6,910
08/08	9	0	0	30	169	0	0	35,052	125,550	826	6,695
08/09	6	0	0	24	128	8	60	21,213	81,873	737	6,158
08/12	1	0	0	8	59	0	0	4,406	15,420	67	674
08/13	2	0	0	12	90	0	0	8,448	30,398	269	2,432
08/15	2	0	0	16	66	0	0	6,435	22,526	276	2,055
08/16	2	0	0	7	31	0	0	3,381	11,837	33	298
Totals	61	1	5	817	5,085	23	197	236,433	845,622	11,738	93,222
Average Weights			5.0		6.2		8.6		3.6		7.9

Appendix E.16. Commercial catches of salmon by species and date in the Northern District purse seine fishery, Statistical Area 222-40, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/10	1	0	0	5	32	0	0	864	2,592	623	4,422
07/11	4	2	42	24	155	8	51	2,681	8,507	1,958	14,254
07/12	6	0	0	21	114	2	18	1,979	5,990	3,051	23,570
07/15	4	0	0	64	371	0	0	1,813	6,227	1,155	8,610
07/16	2	0	0	9	36	0	0	1,113	3,905	255	1,997
07/17	3	4	116	19	110	59	465	1,808	5,784	964	7,888
07/25	1	0	0	0	0	0	0	3,412	11,960	417	3,384
07/26	1	1	10	4	22	0	0	3,845	12,260	1,705	13,691
07/30	1	0	0	4	24	15	157	1,316	4,609	245	2,212
07/31	1	0	0	0	0	0	0	800	2,798	51	415
08/05	1	0	0	0	0	0	0	647	2,264	3,276	26,216
08/06	0	0	0	6	48	5	38	918	3,214	444	3,636
08/08	1	0	0	2	8	7	62	1,993	6,985	273	2,238
08/09	1	0	0	60	330	3	19	4,648	15,339	59	446
08/12	2	0	0	0	0	0	0	946	3,312	1,620	14,583
08/14	1	1	6	0	0	5	50	1,166	4,084	127	1,080
08/15	2	0	0	7	44	7	52	3,123	11,046	471	3,752
Totals	32	8	174	225	1,294	111	912	33,072	110,876	16,694	132,394
Average Weights			21.8		5.8		8.2		3.4		7.9

Appendix E.17. Commercial catches of salmon by species, gear[a] and fishing period in the Unakwik District, Prince William Sound, 1985.

Purse Seine Fishery

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
30	7/22 - 7/26	111	3	0	0	27	179	0	0	903	3,774	140	1,210
31	7/29 - 8/02	111	4	0	0	105	580	0	0	16,482	60,010	735	6,250
32	8/05 - 8/09	111	2	0	0	6	40	0	0	10,825	38,900	3,248	26,030
Season Total		333	9	0	0	138	799	0	0	28,210	102,684	4,123	33,490
Average Weight					0.0		5.8		0.0		3.6		8.1

Drift Gill Net Fishery

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	6/17 - 6/20	87	11	6	91	1,454	9,430	0	0	1	4	23	244
26	6/24 - 6/27	87	37	10	179	6,880	44,203	1	7	25	85	531	4,918
27	7/01 - 7/05	138	37	4	90	10,288	65,292	1	10	76	282	491	4,711
28	7/08 - 7/12	168	32	4	58	5,003	31,370	15	118	521	2,220	1,943	17,310
29	7/15 - 7/19	141	18	1	20	2,315	14,670	0	0	243	1,091	320	2,759
30	7/22 - 7/26	111	6	0	0	777	4,891	0	0	379	1,308	134	1,146
31	7/29 - 8/02	111	2	1	15	684	4,406	5	39	1,724	6,437	216	1,716
32	8/05 - 8/09	111	6	0	0	131	818	0	0	6,222	21,616	284	2,064
Season Total		954	149	26	453	27,532	175,080	22	174	9,191	33,043	3,942	34,868
Average Weight					17.4		6.4		7.9		3.6		8.8

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Fisheries Combined

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	6/17 - 6/20	87	11	6	91	1,454	9,430	0	0	1	4	23	244
26	6/24 - 6/27	87	37	10	179	6,880	44,203	1	7	25	85	531	4,918
27	7/01 - 7/05	138	37	4	90	10,288	65,292	1	10	76	282	491	4,711
28	7/08 - 7/12	168	32	4	58	5,003	31,370	15	118	521	2,220	1,943	17,310
29	7/15 - 7/19	141	18	1	20	2,315	14,670	0	0	243	1,091	320	2,759
30	7/22 - 7/26	111	6	0	0	804	5,070	0	0	1,282	5,082	274	2,356
31	7/29 - 8/02	111	2	1	15	789	4,986	5	39	18,206	66,447	951	7,966
32	8/05 - 8/09	111	6	0	0	137	858	0	0	17,047	60,516	3,532	28,094
Season Total		954	149	26	453	27,670	175,879	22	174	37,401	135,727	8,065	68,358
Average Weight					17.4		6.4		7.9		3.6		8.5

[a]Errors in the fish ticket summaries may have incorrectly assigned some of the purse seine catches from the Unakwik District to the Northern District. These possible shortfalls in the reported catches are minor and at present uncorrectable. The total catches for the Unakwik District which are used in the tables and text of this report are those shown in this table and Appendix E.18.

Appendix E.18. Commercial catches of salmon by species and date[a] in the Unakwik District purse seine fishery, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
7/24	1	0	0	4	24	0	0	903	3,774	0	0
7/25	2	0	0	23	155	0	0	0	0	140	1,210
7/30	2	0	0	52	320	0	0	7,062	27,080	472	3,620
8/01	2	0	0	53	260	0	0	9,420	32,930	263	2,630
8/05	1	0	0	0	0	0	0	8,500	30,780	3,225	25,830
8/09	1	0	0	6	40	0	0	2,325	8,120	23	200
Total	9	0	0	138	799	0	0	28,210	102,684	4,123	33,490
Average Weight			0.0		5.8		0.0		3.6		8.1

[a]Errors in the fish ticket summaries may have incorrectly assigned some of the purse seine catches from the Unakwik District to the Northern District. These possible shortfalls in the reported catches are minor and at present uncorrectable. The total catches for the Unakwik District which are used in the tables and text of this report are those shown in this table and Appendix E.17.

Appendix E.19. Commercial catches of salmon by species and date in the Unakwik District drift gill net fishery, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
6/17	5	3	51	247	1,692	0	0	0	0	8	98
6/18	2	0	0	9	54	0	0	0	0	0	0
6/19	5	1	12	429	2,802	0	0	1	4	8	72
6/20	7	2	28	769	4,882	0	0	0	0	7	74
6/24	28	5	86	2,379	15,342	0	0	3	12	91	893
6/25	21	3	57	1,510	9,651	0	0	7	23	110	1,070
6/26	22	1	13	2,214	14,159	1	7	13	42	239	2,186
6/27	10	1	23	777	5,051	0	0	2	8	91	769
7/01	31	2	50	6,658	42,276	1	10	25	87	246	2,358
7/02	5	0	0	332	2,088	0	0	0	0	4	37
7/03	5	0	0	282	1,797	0	0	3	12	24	252
7/04	11	2	40	532	3,345	0	0	16	62	55	532
7/05	15	0	0	2,484	15,786	0	0	32	121	162	1,532
7/08	29	3	33	3,050	18,980	8	70	193	806	836	7,371
7/09	19	0	0	821	5,235	7	48	97	442	485	4,471
7/10	13	0	0	611	3,768	0	0	123	506	387	3,444
7/11	10	0	0	257	1,612	0	0	50	218	162	1,379
7/12	13	1	25	264	1,742	0	0	58	250	73	650
7/15	12	0	0	1,155	7,555	0	0	118	533	196	1,696
7/16	6	1	20	370	2,293	0	0	23	107	46	425
7/17	3	0	0	563	3,390	0	0	6	26	3	30
7/18	2	0	0	189	1,226	0	0	51	225	68	550
7/19	4	0	0	208	1,256	0	0	49	220	10	88
7/23	6	0	0	247	1,552	0	0	183	594	57	493
7/24	5	0	0	324	2,073	0	0	139	482	52	447
7/25	1	0	0	36	216	0	0	53	212	22	176
7/29	3	0	0	65	386	0	0	227	660	41	340
7/30	6	1	15	324	2,044	5	39	939	3,770	121	924
7/31	2	0	0	117	840	0	0	202	770	19	160
8/01	4	0	0	178	1,170	0	0	356	1,236	35	287
8/05	5	0	0	72	431	0	0	2,962	10,423	117	858
8/06	2	0	0	21	135	0	0	1,250	4,189	44	354
8/07	4	0	0	24	165	0	0	1,288	4,564	105	700
8/08	2	0	0	14	87	0	0	116	440	18	152
8/09	1	0	0	0	0	0	0	606	2,000	0	0
Total	319	26	453	27,532	175,081	22	174	9,191	33,044	3,942	34,868
Average Weight			17.4		6.4		7.9		3.6		8.8

Appendix E.20. Commercial catches of salmon by species, gear, and fishing period in the Coghill District, Prince William Sound, 1985.

Purse Seine Fishery

Week	Period Date(s)	Time (Hrs)	Number of Boats	Chinook Number	Chinook Pounds	Sockeye Number	Sockeye Pounds	Coho Number	Coho Pounds	Pinks Number	Pinks Pounds	Chums Number	Chums Pounds
27	7/06 - 7/06	24	19	1	9	761	4,609	0	0	777	2,743	1,564	15,516
28	7/07 - 7/13	168	57	30	305	8,776	51,686	54	502	21,308	82,978	9,181	77,421
29	7/14 - 7/19	141	9	0	0	799	5,149	0	0	12,673	51,996	3,519	28,918
30	7/22 - 7/26	111	4	54	780	273	1,580	45	320	3,757	14,590	2,947	22,618
31	7/29 - 8/02	111	1	0	0	75	440	8	60	3,570	14,285	145	1,140
32	8/05 - 8/09	111	6	0	0	20	105	0	0	15,476	61,890	1,281	8,810
33	8/12 - 8/16	111	4	0	0	53	305	5	40	11,681	43,194	693	5,506
Season Total		777	100	85	1,094	10,757	63,874	112	922	69,242	271,676	19,330	159,929
Average Weight					12.9		5.9		8.2		3.9		8.3

Drift Gill Net Fishery

Week	Period Date(s)	Time (Hrs)	Number of Boats	Chinook Number	Chinook Pounds	Sockeye Number	Sockeye Pounds	Coho Number	Coho Pounds	Pinks Number	Pinks Pounds	Chums Number	Chums Pounds
25	6/17 - 6/20	87	134	66	902	20,758	138,721	8	66	747	3,219	20,099	169,184
26	6/24 - 6/27	87	263	66	1,219	71,535	461,206	55	380	2,130	9,455	33,756	282,649
27	7/01 - 7/06	138	362	101	1,416	135,804	855,429	200	1,438	16,604	73,788	60,163	482,997
28	7/07 - 7/13	168	348	47	692	74,790	469,865	402	3,132	64,196	281,874	57,590	452,151
29	7/14 - 7/19	141	280	27	408	24,471	151,440	97	665	91,585	394,077	23,504	187,728
30	7/22 - 7/26	111	193	35	360	6,687	41,411	81	686	103,753	430,391	21,555	175,620
31	7/29 - 8/02	111	142	30	434	3,443	21,528	280	2,401	96,078	382,045	12,608	98,009
32	8/05 - 8/09	111	104	8	114	1,693	10,674	5	48	71,181	276,206	12,656	97,124
33	8/12 - 8/16	111	41	0	0	115	761	3	23	8,257	31,608	4,893	37,555
Season Total		1,065	1,867	380	5,545	339,296	2,151,035	1,131	8,839	454,531	1,882,663	246,824	1,983,017
Average Weight					14.6		6.3		7.8		4.1		8.0

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Fisheries Combined

Week	Period Date(s)	Time (Hrs)	Number of Boats	Chinook Number	Chinook Pounds	Sockeye Number	Sockeye Pounds	Coho Number	Coho Pounds	Pinks Number	Pinks Pounds	Chums Number	Chums Pounds
25	6/17 - 6/20	87	NA	66	902	20,758	138,721	8	66	747	3,219	20,099	169,184
26	6/24 - 6/27	87	NA	66	1,219	71,535	461,206	55	380	2,130	9,455	33,756	282,649
27	7/01 - 7/06	138[a]	NA	102	1,425	136,565	860,038	200	1,438	17,381	76,531	61,727	498,513
28	7/07 - 7/13	168	NA	77	997	83,566	521,551	456	3,634	85,504	364,852	66,771	529,572
29	7/14 - 7/19	141	NA	27	408	25,270	156,589	97	665	104,258	446,073	27,023	216,646
30	7/22 - 7/26	111	NA	89	1,140	6,960	42,991	126	1,006	107,510	444,981	24,502	198,238
31	7/29 - 8/02	111	NA	30	434	3,518	21,968	288	2,461	99,648	396,330	12,753	99,149
32	8/05 - 8/09	111	NA	8	114	1,713	10,779	5	48	86,657	338,096	13,937	105,934
33	8/12 - 8/16	111	NA	0	0	168	1,066	8	63	19,938	74,802	5,586	43,061
Season Total		1,065	NA	465	6,639	350,053	2,214,909	1,243	9,761	523,773	2,154,339	266,154	2,142,946
Average Weight					14.3		6.3		7.9		4.1		8.1

[a]Purse seines were not allowed in the district until 6 July hence could fish only 24 hours.

Appendix E.21. Commercial catches of salmon by species and date in the Coghill District purse seine fishery, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
7/06	19	1	9	761	4,609	0	0	777	2,743	1,564	15,516
7/07	28	6	92	2,296	13,686	13	121	3,508	13,108	1,347	11,290
7/08	33	24	213	4,238	23,418	41	381	10,361	35,818	5,784	48,636
7/09	3	0	0	392	2,327	0	0	544	2,395	98	790
7/10	3	0	0	483	2,985	0	0	887	3,937	250	1,865
7/11	2	0	0	155	1,080	0	0	732	3,690	70	880
7/12	10	0	0	979	6,555	0	0	3,948	17,620	1,454	12,300
7/13	2	0	0	233	1,635	0	0	1,328	6,410	178	1,660
7/14	1	0	0	205	1,406	0	0	1,729	6,124	92	728
7/15	7	0	0	495	3,180	0	0	7,247	31,138	3,032	25,084
7/16	3	0	0	18	121	0	0	1,284	5,082	155	1,226
7/17	2	0	0	36	226	0	0	1,205	4,806	98	814
7/18	1	0	0	45	216	0	0	1,208	4,846	142	1,066
7/22	1	0	0	16	105	0	0	1,365	5,120	1,588	12,120
7/23	1	0	0	0	0	0	0	289	1,050	78	665
7/24	2	54	780	27	165	45	320	0	0	1,020	7,655
7/25	1	0	0	230	1,310	0	0	2,103	8,420	261	2,178
7/29	1	0	0	75	440	8	60	3,570	14,285	145	1,140
8/06	1	0	0	0	0	0	0	200	775	890	5,705
8/07	1	0	0	0	0	0	0	350	1,330	4	40
8/08	4	0	0	20	105	0	0	14,926	59,785	387	3,065
8/12	2	0	0	23	129	0	0	5,110	18,587	323	2,484
8/13	2	0	0	22	130	5	40	3,775	14,660	195	1,630
8/15	2	0	0	8	46	0	0	2,796	9,947	175	1,392
Total	132	85	1,094	10,757	63,874	112	922	69,242	271,676	19,330	159,929
Average Weight			12.9		5.9		8.2		3.9		8.3

Appendix E.22. Commercial catches of salmon by species and date in the Coghill District purse seine fishery, Statistical Area 223-10, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/06	11	1	9	273	1,604	0	0	289	991	1,258	12,826
07/07	7	1	15	639	3,908	0	0	894	3,167	425	3,754
07/08	4	1	8	62	318	0	0	410	1,593	286	2,585
07/09	1	0	0	19	117	0	0	19	50	3	30
07/10	2	0	0	125	675	0	0	621	2,617	143	1,175
07/12	4	0	0	167	890	0	0	1,220	4,320	145	980
07/14	1	0	0	6	30	0	0	120	490	17	125
08/15	1	0	0	0	0	0	0	363	1,380	21	160
Totals	31	3	32	1,291	7,542	0	0	3,936	14,608	2,298	21,635
Average Weights			10.7		5.8		0.0		3.7		9.4

Appendix E.23. Commercial catches of salmon by species and date in the Coghill District purse seine fishery, Statistical Area 223-20, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/06	2	0	0	18	110	0	0	84	333	67	543
07/07	4	1	5	190	1,073	1	4	261	973	160	1,445
07/08	1	0	0	8	45	0	0	0	0	50	470
07/15	1	0	0	190	1,065	0	0	1,978	7,590	135	1,145
07/23	1	0	0	0	0	0	0	289	1,050	78	665
07/25	1	0	0	230	1,310	0	0	2,103	8,420	261	2,178
08/08	3	0	0	6	35	0	0	12,926	52,160	257	2,065
Totals	13	1	5	642	3,638	1	4	17,641	70,526	1,008	8,511
Average Weights			5.0		5.7		4.0		4.0		8.4

Appendix E.24. Commercial catches of salmon by species and date in the Coghill District purse seine fishery, Statistical Area 223-30, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/06	3	0	0	264	1,665	0	0	227	800	118	1,097
07/07	5	1	10	297	1,780	0	0	345	1,323	79	693
07/08	8	0	0	809	4,449	0	0	1,671	6,420	853	7,979
Totals	16	1	10	1,370	7,894	0	0	2,243	8,543	1,050	9,769
Average Weights			10.0		5.8		0.0		3.8		9.3

Appendix E.25. Commercial catches of salmon by species and date in the Coghill District purse seine fishery, Statistical Area 223-40, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/06	3	0	0	206	1,230	0	0	177	619	121	1,050
07/07	12	3	62	1,170	6,925	12	117	2,008	7,645	683	5,398
07/08	21	23	205	3,359	18,606	41	381	8,280	27,805	4,595	37,602
07/09	2	0	0	373	2,210	0	0	525	2,345	95	760
07/10	0	0	0	358	2,310	0	0	266	1,320	107	690
07/11	2	0	0	155	1,080	0	0	732	3,690	70	880
07/12	6	0	0	812	5,665	0	0	2,728	13,300	1,309	11,320
07/13	2	0	0	233	1,635	0	0	1,328	6,410	178	1,660
07/14	1	0	0	199	1,376	0	0	1,609	5,634	75	603
07/15	6	0	0	305	2,115	0	0	5,269	23,548	2,897	23,939
07/16	3	0	0	18	121	0	0	1,284	5,082	155	1,226
07/17	2	0	0	36	226	0	0	1,205	4,806	98	814
07/18	1	0	0	45	216	0	0	1,208	4,846	142	1,066
07/22	1	0	0	16	105	0	0	1,365	5,120	1,588	12,120
07/24	2	54	780	27	165	45	320	0	0	1,020	7,655
07/29	1	0	0	75	440	8	60	3,570	14,285	145	1,140
08/06	1	0	0	0	0	0	0	200	775	890	5,705
08/07	1	0	0	0	0	0	0	350	1,330	4	40
08/08	1	0	0	14	70	0	0	2,000	7,625	130	1,000
08/12	1	0	0	23	129	0	0	5,110	18,587	323	2,484
08/13	2	0	0	22	130	5	40	3,775	14,660	195	1,630
08/15	1	0	0	8	46	0	0	2,433	8,567	154	1,232
Totals		80	1,047	7,454	44,800	111	918	45,422	177,999	14,974	120,014
Average Weights			13.1		6.0		8.3		3.9		8.0

Appendix E.26. Commercial catches of salmon by species and date in the Coghill District drift gill net fishery, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
6/17	103	22	257	4,647	31,355	1	7	80	354	2,734	23,927
6/18	112	22	293	5,428	36,412	4	38	234	984	5,249	44,375
6/19	112	18	273	6,740	44,820	2	16	259	1,144	7,575	63,558
6/20	95	4	79	3,943	26,134	1	5	174	737	4,541	37,324
6/24	198	17	353	25,683	165,397	11	72	367	1,555	7,375	61,853
6/25	210	26	456	17,972	115,287	23	160	650	2,930	8,918	75,226
6/26	202	17	318	12,414	80,083	11	71	567	2,643	9,308	78,358
6/27	173	6	92	15,466	100,439	10	77	546	2,327	8,155	67,212
7/01	267	24	327	52,277	331,126	35	218	1,913	8,283	7,466	62,806
7/02	235	17	242	16,304	103,533	26	166	2,691	11,816	10,238	82,825
7/03	223	24	312	13,158	82,726	7	60	2,780	12,610	11,555	92,357
7/04	274	15	173	17,844	111,317	31	248	2,758	12,237	12,767	102,737
7/05	229	14	235	20,623	129,391	80	600	2,733	12,144	11,123	86,671
7/06	185	5	106	14,441	90,497	20	136	3,441	15,419	6,677	52,776
7/07	187	6	90	10,885	67,942	16	115	5,928	26,277	6,957	54,957
7/08	264	14	258	12,147	76,575	14	122	8,906	39,863	11,510	90,973
7/09	261	9	129	14,737	92,062	54	423	11,298	50,022	11,072	87,048
7/10	243	8	84	16,694	105,375	120	885	12,843	56,831	10,704	84,041
7/11	263	3	26	10,147	63,953	42	337	8,470	37,290	6,400	51,143
7/12	169	5	69	5,353	33,983	25	196	7,297	30,861	5,516	42,726
7/13	141	4	57	5,984	36,814	132	1,064	9,742	42,009	5,768	44,088
7/14	150	5	77	6,051	37,008	7	59	15,463	66,146	5,095	39,193
7/15	215	10	175	5,311	33,200	17	144	15,577	66,559	5,287	43,843
7/16	155	1	20	4,722	29,376	5	50	17,057	72,803	4,120	33,185
7/17	140	6	60	3,823	23,669	2	22	18,486	80,024	3,754	30,675
7/18	145	3	28	3,110	19,213	42	193	17,033	73,939	3,323	25,774
7/19	107	2	48	1,454	8,974	24	197	7,969	34,606	1,925	15,058
7/22	162	1	10	2,263	13,774	27	235	21,812	91,543	5,001	41,172
7/23	179	2	11	1,608	10,222	8	80	21,071	88,389	5,066	41,967
7/24	145	8	97	1,173	7,090	13	106	24,299	101,135	5,500	44,571
7/25	141	15	172	1,164	7,300	31	247	25,498	104,317	4,245	34,234
7/26	98	9	70	479	3,025	2	18	11,073	45,007	1,743	13,676
7/29	112	8	106	712	4,439	15	142	13,055	52,625	2,197	17,504
7/30	119	13	173	972	6,072	28	217	22,781	91,342	2,861	22,313
7/31	106	5	98	716	4,509	31	289	21,246	84,640	2,986	23,203
8/01	97	3	47	692	4,302	205	1,746	23,662	93,111	2,808	21,688
8/02	77	1	10	351	2,206	1	7	15,334	60,327	1,756	13,301
8/05	86	0	0	362	2,279	3	28	17,223	67,914	1,760	13,306
8/06	96	2	20	575	3,609	0	0	21,239	82,886	2,734	21,144
8/07	80	2	13	395	2,466	0	0	17,676	68,113	3,379	25,645
8/08	61	0	0	313	2,030	0	0	12,592	48,149	3,535	27,239
8/09	18	4	81	48	290	2	20	2,451	9,144	1,248	9,790
8/12	30	0	0	44	304	0	0	3,117	11,933	1,136	8,654
8/13	31	0	0	49	308	3	23	3,173	12,108	1,450	11,085
8/14	12	0	0	9	63	0	0	919	3,560	1,032	8,194
8/15	10	0	0	2	12	0	0	588	2,203	660	5,042
8/16	10	0	0	11	74	0	0	460	1,804	615	4,580
Total	6,728	380	5,545	339,296	2,151,035	1,131	8,839	454,531	1,882,663	246,824	1,983,017
Average Weight			14.6		6.3		7.8		4.1		8.0

Appendix E.27. Commercial catches of salmon by species and date in the Coghill District drift gill net fishery, Statistical Area 223-10, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
6/17	10	0	0	365	2,451	0	0	15	50	222	1,856
6/18	17	4	37	735	4,843	2	21	13	51	380	3,319
6/19	13	0	0	455	3,235	0	0	31	112	573	4,619
6/20	4	1	9	117	775	0	0	3	12	58	485
6/24	22	3	93	2,517	16,111	0	0	16	60	770	6,596
6/25	9	5	120	698	4,513	0	0	10	44	185	1,469
6/26	13	0	0	422	2,527	0	0	11	42	285	2,523
6/27	9	1	17	609	3,876	0	0	12	56	339	2,588
7/01	45	1	22	7,221	45,922	0	0	99	411	472	4,611
7/02	28	1	46	1,941	11,883	0	0	97	440	447	3,850
7/03	61	10	91	3,472	21,070	0	0	587	2,872	2,645	21,180
7/04	32	7	61	1,484	9,184	0	0	246	1,107	1,034	9,075
7/05	42	4	40	2,052	12,406	3	15	144	681	605	4,790
7/06	44	1	24	3,233	19,165	0	0	495	2,287	1,092	8,418
7/07	12	0	0	578	3,583	0	0	253	1,165	330	2,630
7/08	22	2	52	671	4,087	0	0	597	2,770	934	7,750
7/09	29	1	25	1,050	6,430	0	0	796	3,513	801	6,306
7/10	31	3	44	1,580	9,801	0	0	841	3,896	955	8,750
7/11	6	0	0	403	2,398	10	100	196	774	249	2,295
7/12	5	0	0	67	414	0	0	43	251	48	402
7/13	2	0	0	35	205	0	0	64	290	22	160
7/14	2	0	0	171	1,039	0	0	125	548	53	415
7/15	14	0	0	326	1,933	0	0	1,086	4,264	173	1,250
7/16	7	0	0	170	1,041	0	0	488	2,218	133	1,010
7/18	13	0	0	133	852	35	130	1,232	5,240	138	1,033
7/19	2	0	0	16	94	0	0	184	820	38	464
7/22	40	0	0	466	2,885	0	0	4,022	16,393	1,287	10,683
7/23	48	1	5	369	2,365	0	0	5,115	21,415	1,502	12,883
7/24	41	0	0	126	778	0	0	3,054	12,714	1,537	12,676
7/25	59	11	127	162	1,065	3	33	5,369	22,557	1,374	11,906
7/26	17	2	12	49	292	0	0	1,257	4,997	260	2,146
7/29	21	0	0	93	627	1	9	1,223	4,965	429	3,561
7/30	13	0	0	48	303	0	0	1,055	4,266	258	1,970
7/31	22	0	0	63	379	0	0	2,770	11,004	583	4,600

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Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
8/01	17	0	0	27	158	0	0	1,338	5,302	284	2,162
8/02	1	0	0	0	0	0	0	63	240	24	190
8/06	6	0	0	7	49	0	0	671	2,709	225	1,751
8/07	23	2	13	97	664	0	0	4,661	17,971	967	7,471
8/08	15	0	0	12	79	0	0	1,730	6,648	1,342	10,473
8/09	10	4	81	12	73	2	20	947	3,481	631	4,937
8/12	6	0	0	2	11	0	0	167	608	358	2,731
8/13	11	0	0	7	46	1	7	693	2,726	942	7,171
8/14	12	0	0	9	63	0	0	919	3,560	1,032	8,194
8/15	10	0	0	2	12	0	0	588	2,203	660	5,042
8/16	8	0	0	3	22	0	0	335	1,289	551	4,095
Totals	874	64	919	32,075	199,709	57	335	43,661	179,022	27,227	222,486
Average Weights			14.4		6.2		5.9		4.1		8.2

Appendix E.28. Commercial catches of salmon by species and date in the Coghill District drift gill net fishery, Statistical Area 223-20, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
6/17	13	17	185	486	3,261	0	0	0	0	148	1,324
6/18	30	4	36	1,589	10,921	0	0	7	28	506	4,727
6/19	28	1	11	1,180	7,674	0	0	14	60	999	8,129
6/20	18	0	0	565	3,731	0	0	8	28	621	5,038
6/24	49	4	93	4,013	26,276	1	12	81	351	1,472	12,788
6/25	44	7	99	4,377	28,028	5	35	211	1,008	1,800	14,885
6/26	23	1	29	742	4,640	0	0	44	195	519	4,624
6/27	27	2	14	1,475	9,450	0	0	35	146	760	6,294
7/01	74	11	144	11,007	69,390	4	35	259	1,134	1,147	10,402
7/02	47	3	27	2,849	18,006	0	0	299	1,360	1,142	9,295
7/03	18	1	15	1,050	6,494	0	0	315	1,291	924	7,194
7/04	62	0	0	3,544	21,818	0	0	545	2,537	2,239	17,844
7/05	59	0	0	3,328	20,612	0	0	651	2,885	1,843	14,472
7/06	27	1	20	1,341	8,640	0	0	548	2,512	743	5,985
7/07	29	1	25	1,740	10,134	0	0	1,522	5,975	746	5,781
7/08	9	0	0	184	1,165	0	0	150	657	256	2,021
7/09	50	1	10	3,636	22,477	0	0	2,481	10,925	1,838	14,372
7/10	6	0	0	189	1,130	0	0	158	715	149	1,120
7/11	14	0	0	582	3,270	0	0	732	3,013	315	2,363
7/12	39	0	0	864	5,189	0	0	1,451	6,081	1,064	8,043
7/13	47	2	25	1,772	10,763	122	973	3,782	16,334	1,970	14,838
7/14	13	0	0	276	1,714	0	0	718	3,328	292	2,192
7/15	29	0	0	485	3,080	2	15	1,393	6,024	366	2,939
7/16	46	1	20	1,186	7,296	3	30	4,561	19,347	819	6,353
7/17	15	0	0	215	1,411	0	0	1,016	4,521	297	2,416
7/18	64	1	10	1,224	7,574	0	0	6,694	29,113	1,264	9,971
7/19	36	0	0	505	3,086	0	0	2,320	9,889	544	4,177
7/22	28	0	0	467	2,834	0	0	4,613	19,438	727	5,785
7/23	47	0	0	222	1,429	0	0	3,380	14,476	590	4,722
7/24	8	0	0	70	439	0	0	1,347	5,574	164	1,452
7/25	33	2	20	319	2,045	0	0	6,361	26,347	782	5,890
7/26	29	5	45	126	792	0	0	2,463	10,173	334	2,564
7/29	10	4	42	51	297	0	0	1,177	4,396	95	684
7/30	4	0	0	2	13	0	0	307	1,319	46	414

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Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
8/01	44	1	25	356	2,139	205	1,746	11,230	43,697	1,178	8,973
8/02	25	1	10	61	393	0	0	2,838	11,233	294	2,185
8/05	35	0	0	144	914	0	0	6,040	23,605	487	3,652
8/06	47	2	20	220	1,354	0	0	8,861	34,804	909	6,785
8/07	7	0	0	37	235	0	0	1,230	4,758	271	2,107
8/08	23	0	0	44	282	0	0	2,091	8,225	363	2,782
Totals	1,256	73	925	52,523	330,396	342	2,846	81,933	337,502	31,023	247,582
Average Weights			12.7		6.3		8.3		4.1		8.0

Appendix E.29. Commercial catches of salmon by species and date in the Coghill District drift gill net fishery, Statistical Area 223-30, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
6/17	40	2	21	2,355	15,961	0	0	1	3	499	4,538
6/18	19	4	67	938	6,332	1	10	6	25	427	3,609
6/19	40	5	82	1,908	12,645	0	0	33	150	1,388	12,009
6/20	27	1	10	793	5,242	0	0	12	48	373	3,243
6/24	100	3	55	16,283	104,035	0	0	67	267	2,390	19,903
6/25	85	3	38	5,198	32,771	4	25	48	216	1,843	16,660
6/26	50	2	59	1,747	11,268	0	0	94	590	1,149	9,763
6/27	85	2	46	5,344	34,724	7	47	283	1,252	2,703	22,681
7/01	126	8	77	22,977	145,303	1	8	493	2,111	1,746	15,137
7/02	68	1	30	3,000	19,016	16	82	635	2,706	2,444	20,027
7/03	46	2	39	2,457	15,618	2	20	176	887	918	7,896
7/04	56	4	48	3,135	18,962	0	0	238	948	1,301	11,012
7/05	27	0	0	1,361	8,615	0	0	262	1,155	1,145	9,036
7/06	37	0	0	1,726	11,252	0	0	351	1,571	852	7,204
7/07	62	2	20	2,853	17,757	5	40	925	4,278	1,407	12,240
7/08	95	2	22	3,711	23,284	1	7	1,576	7,240	2,491	19,844
7/09	44	0	0	1,189	7,444	1	8	846	3,764	891	7,744
7/10	14	0	0	902	5,587	55	379	961	4,311	423	3,915
7/11	58	0	0	1,597	10,385	0	0	1,098	4,879	893	8,236
7/12	26	0	0	771	4,940	0	0	395	1,671	210	1,729
7/13	15	1	22	613	3,847	4	40	281	1,281	141	1,286
7/14	7	0	0	338	2,186	1	10	277	1,231	120	1,108
7/15	16	1	9	449	2,796	3	30	861	3,923	815	8,132
7/16	22	0	0	316	2,048	1	12	1,781	7,917	732	7,183
7/17	22	0	0	300	1,753	2	22	2,825	12,659	941	8,823
7/18	5	0	0	36	250	0	0	651	2,925	67	670
7/19	2	0	0	18	110	0	0	119	564	58	548
7/22	33	1	10	441	2,782	7	64	3,440	14,985	938	8,603
7/23	21	0	0	333	2,050	0	0	3,870	16,581	869	7,848
7/24	19	1	33	134	857	0	0	2,643	11,142	582	5,221
7/25	8	1	20	38	228	0	0	682	2,870	232	2,000
7/26	6	0	0	22	121	0	0	616	2,630	159	1,398
7/29	13	0	0	171	1,057	0	0	1,663	7,098	277	2,578
7/30	15	0	0	100	662	0	0	1,438	5,971	303	2,720

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Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
8/01	9	0	0	20	128	0	0	694	2,875	153	1,404
8/02	6	0	0	15	116	0	0	877	3,570	66	553
8/05	6	0	0	4	30	0	0	458	1,933	83	724
8/06	8	0	0	10	58	0	0	827	3,414	174	1,425
8/07	20	0	0	46	257	0	0	2,983	11,594	419	3,281
8/12	2	0	0	0	0	0	0	117	435	104	797
8/13	3	0	0	1	7	2	16	243	827	97	763
Season Totals		46	708	83,650	532,484	113	820	35,846	154,497	32,823	283,491
Average Weights			15.4		6.4		7.3		4.3		8.6

Appendix E.30. Commercial catches of salmon by species and date in the Coghill District drift gill net fishery, Statistical Area 223-40, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
6/17	50	3	51	1,441	9,682	1	7	64	301	1,865	16,209
6/18	69	10	153	2,166	14,316	1	7	208	880	3,936	32,720
6/19	60	12	180	3,197	21,266	2	16	181	822	4,615	38,801
6/20	63	2	60	2,468	16,386	1	5	151	649	3,489	28,558
6/24	61	7	112	2,870	18,975	10	60	203	877	2,743	22,566
6/25	106	11	199	7,699	49,975	14	100	381	1,662	5,090	42,212
6/26	147	14	230	9,503	61,648	11	71	418	1,816	7,355	61,448
6/27	103	1	15	8,038	52,389	3	30	216	873	4,353	35,649
7/01	97	4	84	11,072	70,511	30	175	1,062	4,627	4,101	32,656
7/02	128	12	139	8,514	54,628	10	84	1,660	7,310	6,205	49,653
7/03	123	11	167	6,179	39,544	5	40	1,702	7,560	7,068	56,087
7/04	170	4	64	9,681	61,353	31	248	1,729	7,645	8,193	64,806
7/05	170	10	195	13,882	87,758	77	585	1,676	7,423	7,530	58,373
7/06	119	3	62	8,141	51,440	20	136	2,047	9,049	3,990	31,169
7/07	112	3	45	5,714	36,468	11	75	3,228	14,859	4,474	34,306
7/08	165	10	184	7,581	48,039	13	115	6,583	29,196	7,829	61,358
7/09	188	7	94	8,862	55,711	53	415	7,175	31,820	7,542	58,626
7/10	198	5	40	14,023	88,857	65	506	10,883	47,909	9,177	70,256
7/11	204	3	26	7,565	47,900	32	237	6,444	28,624	4,943	38,249
7/12	122	5	69	3,651	23,440	25	196	5,408	22,858	4,194	32,552
7/13	89	1	10	3,564	21,999	6	51	5,615	24,104	3,635	27,804
7/14	137	5	77	5,266	32,069	6	49	14,343	61,039	4,630	35,478
7/15	181	9	166	4,051	25,391	12	99	12,237	52,348	3,933	31,522
7/16	106	0	0	3,050	18,991	1	8	10,227	43,321	2,436	18,639
7/17	112	6	60	3,308	20,505	0	0	14,645	62,844	2,516	19,436
7/18	99	2	18	1,717	10,537	7	63	8,456	36,661	1,854	14,100
7/19	76	2	48	915	5,684	24	197	5,346	23,333	1,285	9,869
7/22	72	0	0	889	5,273	20	171	9,737	40,727	2,049	16,101
7/23	88	1	6	684	4,378	8	80	8,706	35,917	2,105	16,514
7/24	94	7	64	843	5,016	13	106	17,255	71,705	3,217	25,222
7/25	75	1	5	645	3,962	28	214	13,086	52,543	1,857	14,438
7/26	59	2	13	282	1,820	2	18	6,737	27,207	990	7,568
7/29	72	4	64	397	2,458	14	133	8,992	36,166	1,396	10,681
7/30	96	13	173	822	5,094	28	217	19,981	79,786	2,254	17,209
7/31	87	5	98	653	4,130	31	289	18,476	73,636	2,403	18,603

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Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
8/01	43	2	22	289	1,877	0	0	10,400	41,237	1,193	9,149
8/02	63	0	0	275	1,697	1	7	11,556	45,284	1,372	10,373
8/05	52	0	0	214	1,335	3	28	10,725	42,376	1,190	8,930
8/06	46	0	0	338	2,148	0	0	10,880	41,959	1,426	11,183
8/07	42	0	0	215	1,310	0	0	8,802	33,790	1,722	12,786
8/08	45	0	0	257	1,669	0	0	8,771	33,276	1,830	13,984
8/09	8	0	0	36	217	0	0	1,504	5,663	617	4,853
8/12	22	0	0	42	293	0	0	2,833	10,890	674	5,126
8/13	18	0	0	41	255	0	0	2,237	8,555	411	3,151
8/16	2	0	0	8	52	0	0	125	515	64	485
Totals		197	2,993	171,048	1,088,446	619	4,838	293,091	1,211,642	155,751	1,229,458
Average Weights			15.2		6.4		7.8		4.1		7.9

Appendix E.31. Commercial catches of salmon by species and fishing period in the Northwestern District purse seine fishery, Prince William Sound, 1985.

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
29	7/15 - 7/19	111	43	22	241	2,337	13,820	389	2,966	102,704	370,173	40,672	342,713
30	7/22 - 7/26	111	20	61	1,167	1,609	9,908	263	2,166	159,684	568,885	21,662	178,116
31	7/29 - 8/02	111	14	5	68	822	4,950	529	4,081	137,983	499,733	10,344	83,632
32	8/05 - 8/09	111	10	3	35	1,564	9,341	196	1,446	118,505	410,157	5,076	40,137
33	8/12 - 8/16	111	6	0	0	46	275	0	0	8,256	28,973	514	4,253
Season Total		555	93	91	1,511	6,378	38,294	1,377	10,659	527,132	1,877,921	78,268	648,851
Average Weight					16.6		6.0		7.7		3.6		8.3

Appendix E.32. Commercial catches of salmon by species and date in the Northwestern District purse seine fishery, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
7/15	31	11	109	808	4,575	31	230	30,297	107,563	19,102	167,526
7/16	25	3	45	442	2,707	154	1,109	25,204	89,602	8,921	76,117
7/17	19	1	4	514	3,125	32	255	20,496	75,916	5,609	44,240
7/18	12	0	0	171	1,014	50	397	11,418	42,316	2,005	14,820
7/19	16	7	83	402	2,399	122	975	15,289	54,776	5,035	40,010
7/22	15	1	10	454	2,959	33	286	35,698	134,325	6,495	55,940
7/23	11	0	0	307	1,954	80	547	18,794	69,422	4,144	33,388
7/24	11	5	44	281	1,526	37	313	28,835	101,133	3,426	28,028
7/25	8	24	491	142	876	52	443	28,458	97,734	2,763	22,147
7/26	11	31	622	425	2,593	61	577	47,899	166,271	4,834	38,613
7/29	8	1	26	204	1,193	116	1,043	24,805	90,323	2,138	17,694
7/30	10	4	42	320	1,966	227	1,522	40,297	142,061	2,844	23,215
7/31	6	0	0	107	652	92	790	23,622	87,170	1,240	10,513
8/01	9	0	0	165	990	26	220	31,390	112,791	1,767	14,270
8/02	4	0	0	26	149	68	506	17,869	67,388	2,355	17,940
8/05	6	0	0	378	2,367	0	0	29,230	106,404	1,915	15,402
8/06	7	2	24	384	2,250	165	1,163	45,755	147,225	1,583	12,521
8/07	2	1	11	162	977	21	193	16,677	58,373	213	1,832
8/08	5	0	0	340	1,950	10	90	15,094	56,380	855	6,350
8/09	4	0	0	300	1,797	0	0	11,749	41,775	510	4,032
8/12	1	0	0	23	135	0	0	2,136	7,475	183	1,465
8/13	1	0	0	18	110	0	0	2,087	7,305	108	860
8/14	4	0	0	5	30	0	0	3,057	10,776	179	1,536
8/16	1	0	0	0	0	0	0	976	3,417	44	392
Total	227	91	1,511	6,378	38,294	1,377	10,659	527,132	1,877,921	78,268	648,851
Average Weight			16.6		6.0		7.7		3.6		8.3

Appendix E.33. Commercial catches of salmon by species and date in the Northwestern District purse seine fishery, Statistical Area 224-10, Prince William Sound, 1985.

		Chinook		Sockeye		Coho		Pinks		Chums	
Date(s	Number of Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
08/05	4	0	0	260	1,557	0	0	19,995	69,984	700	5,602
08/06	3	0	0	119	711	0	0	10,208	35,730	375	3,000
Totals	7	0	0	379	2,268	0	0	30,203	105,714	1,075	8,602
Average Weights			0.0		6.0		0.0		3.5		8.0

Appendix E.34. Commercial catches of salmon by species and date in the Northwestern District purse seine fishery, Statistical Area 224-20, Prince William Sound, 1985.

Date(s	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/15	11	0	0	349	2,087	0	0	10,475	36,680	2,773	28,550
07/16	12	1	27	248	1,500	71	465	15,313	52,953	2,280	22,682
07/17	6	0	0	355	2,199	0	0	8,693	35,208	1,001	8,786
07/18	2	0	0	70	420	48	385	3,263	13,155	243	2,090
07/19	5	0	0	189	1,149	51	402	5,945	22,299	842	6,946
07/22	4	0	0	249	1,670	22	190	11,995	50,880	1,233	9,980
07/23	7	0	0	294	1,891	80	547	16,787	62,162	2,006	16,469
07/24	7	5	44	263	1,426	37	313	23,618	82,874	1,774	14,810
07/25	6	24	491	138	850	52	443	24,040	82,271	1,141	9,170
07/26	10	31	622	417	2,541	61	577	41,519	143,942	3,607	28,805
07/29	4	1	26	143	834	116	1,043	15,407	57,432	626	5,598
07/30	5	4	42	208	1,289	227	1,522	28,090	99,338	829	7,098
07/31	2	0	0	52	318	92	790	9,836	38,919	446	4,163
08/01	3	0	0	19	114	26	220	6,335	25,098	303	2,550
08/02	3	0	0	19	109	68	506	10,273	40,288	688	5,145
08/06	2	2	24	263	1,524	165	1,163	34,327	107,225	769	5,821
08/07	2	1	11	162	977	21	193	16,677	58,373	213	1,832
08/08	2	0	0	25	153	10	90	6,257	24,100	405	3,250
08/09	1	0	0	23	140	0	0	2,165	8,230	315	2,500
08/12	1	0	0	23	135	0	0	2,136	7,475	183	1,465
08/13	1	0	0	18	110	0	0	2,087	7,305	108	860
08/14	3	0	0	5	30	0	0	2,821	9,876	133	1,176
08/16	1	0	0	0	0	0	0	976	3,417	44	392
Totals	100	69	1,287	3,532	21,466	1,147	8,849	299,035	1,069,500	21,962	190,138
Average Weights			18.7		6.1		7.7		3.6		8.7

Appendix E.35. Commercial catches of salmon by species and date in the Northwestern District purse seine fishery, Statistical Area 224-30, Prince William Sound, 1985.

Date(s)	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/15	1	0	0	0	0	0	0	281	985	756	6,045
07/16	4	0	0	113	680	0	0	4,878	19,075	3,675	29,631
07/17	2	0	0	38	230	0	0	2,986	10,449	754	6,032
07/19	1	1	9	32	194	2	27	488	1,710	748	6,213
07/22	1	0	0	2	12	0	0	1,414	4,950	1,165	9,317
07/23	1	0	0	1	6	0	0	1,354	4,740	1,800	14,396
07/24	2	0	0	4	20	0	0	1,355	4,743	356	2,850
07/25	1	0	0	3	20	0	0	3,198	11,192	1,236	9,887
07/26	0	0	0	0	0	0	0	3,004	10,514	356	2,844
07/29	4	0	0	61	359	0	0	9,398	32,891	1,512	12,096
07/30	3	0	0	76	457	0	0	7,614	26,647	1,523	12,187
08/01	1	0	0	2	10	0	0	5,066	17,732	471	3,770
08/02	0	0	0	7	40	0	0	5,056	17,695	310	2,480
08/05	2	0	0	118	810	0	0	9,235	36,420	1,215	9,800
Totals	23	1	9	457	2,838	2	27	55,327	199,743	15,877	127,548
Average Weights			9.0		6.2		13.5		3.6		8.0

Appendix E.36. Commercial catches of salmon by species and date in the Northwestern District purse seine fishery, Statistical Area 224-10, Prince William Sound, 1985.

Date(s)	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/15	19	11	109	459	2,488	31	230	19,541	69,898	15,573	132,931
07/16	9	2	18	81	527	83	644	5,013	17,574	2,966	23,804
07/17	11	1	4	121	696	32	255	8,817	30,259	3,854	29,422
07/18	10	0	0	101	594	2	12	8,155	29,161	1,762	12,730
07/19	11	6	74	181	1,056	69	546	8,856	30,767	3,445	26,851
07/22	10	1	10	203	1,277	11	96	22,289	78,495	4,097	36,643
07/23	3	0	0	12	57	0	0	653	2,520	338	2,523
07/24	3	0	0	14	80	0	0	3,862	13,516	1,296	10,368
07/25	1	0	0	1	6	0	0	1,220	4,271	386	3,090
07/26	3	0	0	8	52	0	0	3,376	11,815	871	6,964
07/30	2	0	0	36	220	0	0	4,593	16,076	492	3,930
07/31	4	0	0	55	334	0	0	13,786	48,251	794	6,350
08/01	5	0	0	144	866	0	0	19,989	69,961	993	7,950
08/02	1	0	0	0	0	0	0	2,540	9,405	1,357	10,315
08/06	1	0	0	2	15	0	0	1,220	4,270	439	3,700
08/08	3	0	0	315	1,797	0	0	8,837	32,280	450	3,100
08/09	3	0	0	277	1,657	0	0	9,584	33,545	195	1,532
08/14	1	0	0	0	0	0	0	236	900	46	360
Totals	100	21	215	2,010	11,722	228	1,783	142,567	502,964	39,354	322,563
Average Weights			10.2		5.8		7.8		3.5		8.2

Appendix E.37. Commercial catches of salmon by species, gear, and fishing period in the Eshamy District, Prince William Sound, 1985.

Drift Gill Net Fishery

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
31	7/29 - 8/03	87	6	0	0	69	422	0	0	1,357	5,360	416	3,226
32	8/04 - 8/10	87	17	1	6	455	2,872	0	0	17,793	65,532	474	3,579
33	8/11 - 8/17	138	11	0	0	143	930	0	0	5,749	19,991	131	992
Season Total		312	34	1	6	667	4,224	0	0	24,899	90,883	1,021	7,797
Average Weight					6.0		6.3		0.0		3.7		7.6

Set Gill Net Fishery

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
31	7/29 - 8/03	87	17	0	0	246	1,443	0	0	3,536	12,565	443	3,303
32	8/04 - 8/10	87	19	0	0	1,018	6,242	5	41	17,814	63,076	590	4,266
33	8/11 - 8/17	138	18	0	0	459	2,994	12	124	5,730	20,032	121	932
34	8/18 - 8/24	168	13	0	0	708	4,498	33	285	5,050	17,874	94	686
35	8/25 - 8/30	141	8	1	11	1,008	5,888	24	198	1,154	3,943	47	345
Season Total		621	75	1	11	3,439	21,065	74	648	33,284	117,490	1,295	9,532
Average Weight					11.0		6.1		8.8		3.5		7.4

Fisheries Combined

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
31	7/29 - 8/03	87	NA	0	0	315	1,865	0	0	4,893	17,925	859	6,529
32	8/04 - 8/10	87	NA	1	6	1,473	9,114	5	41	35,607	128,608	1,064	7,845
33	8/11 - 8/17	138	NA	0	0	602	3,924	12	124	11,479	40,023	252	1,924
34	8/18 - 8/24	168	NA	0	0	708	4,498	33	285	5,050	17,874	94	686
35	8/25 - 8/30	141	NA	1	11	1,008	5,888	24	198	1,154	3,943	47	345
Season Total		621	NA	2	17	4,106	25,289	74	648	58,183	208,373	2,316	17,329
Average Weight					8.5		6.2		8.8		3.6		7.5

Appendix E.38. Commercial catches of salmon by species and date in the Eshamy District drift gill net fishery, Main Bay Subdistrict, Statistical Area 225-21, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
7/29	2	0	0	28	182	0	0	366	1,602	240	1,908
7/30	3	0	0	17	95	0	0	142	582	68	527
7/31	1	0	0	4	26	0	0	13	58	16	136
8/01	1	0	0	4	28	0	0	492	1,878	61	440
8/02	1	0	0	6	32	0	0	134	482	18	124
8/03	1	0	0	10	59	0	0	210	758	13	91
8/05	3	0	0	69	399	0	0	3,178	11,500	46	336
8/06	7	0	0	65	413	0	0	4,641	16,854	88	679
8/07	8	1	6	56	379	0	0	2,177	8,287	128	944
8/08	12	0	0	78	524	0	0	2,724	10,164	83	622
8/09	12	0	0	138	855	0	0	2,767	10,678	105	809
8/10	12	0	0	49	302	0	0	2,306	8,049	24	189
8/11	4	0	0	24	153	0	0	726	2,639	8	55
8/12	11	0	0	62	426	0	0	2,501	8,752	103	797
8/13	8	0	0	4	29	0	0	1,591	5,305	5	40
8/14	2	0	0	11	68	0	0	59	217	5	33
8/15	3	0	0	24	144	0	0	696	2,478	7	47
8/16	1	0	0	18	110	0	0	176	600	3	20
Total	92	1	6	667	4,224	0	0	24,899	90,883	1,021	7,797
Average Weight			6.0		6.3		0.0		3.7		7.6

Appendix E.39. Commercial catches of salmon by species and date in the Eshamy District set gill net fishery, Main Bay Subdistrict, Statistical Area 225-21, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/29	10	0	0	24	136	0	0	396	1,391	140	1,115
07/30	15	0	0	39	251	0	0	405	1,410	108	841
07/31	10	0	0	43	245	0	0	850	2,960	47	357
08/01	16	0	0	75	423	0	0	729	2,773	86	589
08/02	9	0	0	12	78	0	0	341	1,233	27	170
08/03	12	0	0	53	310	0	0	815	2,798	35	231
08/04	4	0	0	9	61	0	0	164	591	4	33
08/05	17	0	0	369	2,248	0	0	4,955	17,163	229	1,576
08/06	17	0	0	226	1,354	5	41	2,696	9,929	112	812
08/07	15	0	0	132	848	0	0	4,001	14,100	133	1,009
08/08	16	0	0	96	641	0	0	3,137	11,113	52	394
08/09	17	0	0	122	715	0	0	2,001	7,193	37	276
08/10	13	0	0	64	375	0	0	860	2,987	23	166
08/11	6	0	0	25	203	3	30	535	1,808	20	154
08/12	11	0	0	40	285	0	0	665	2,379	13	95
08/13	15	0	0	27	171	0	0	976	3,448	11	79
08/14	6	0	0	6	38	0	0	271	947	9	66
08/15	14	0	0	73	444	0	0	1,061	3,827	27	208
08/16	15	0	0	207	1,338	8	82	1,532	5,331	22	162
08/17	7	0	0	81	515	1	12	690	2,292	19	168
08/18	12	0	0	164	1,025	6	62	1,033	3,578	16	128
08/20	10	0	0	299	1,879	15	116	2,390	8,492	55	403
08/21	9	0	0	95	615	11	103	1,050	3,626	9	65
08/22	9	0	0	150	979	1	4	577	2,178	14	90
08/25	7	1	11	327	2,007	2	12	895	3,045	22	165
08/26	6	0	0	114	650	2	19	150	523	7	49
08/27	5	0	0	141	807	6	42	109	375	5	37
08/28	0	0	0	17	117	0	0	0	0	1	6
08/29	2	0	0	266	1,477	6	58	0	0	6	47
08/30	2	0	0	143	830	8	67	0	0	6	41
Total	307	1	11	3,439	21,065	74	648	33,284	117,490	1,295	9,532
Average Weight			11.0		6.1		8.8		3.5		7.4

Appendix E.40. Commercial catch of salmon by species and fishing period in the Southwestern District purse seine fishery, Prince William Sound, 1985.

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
29	7/15 - 7/19	111	86	18	460	11,339	69,180	411	2,861	462,997	1,593,343	18,399	151,517
30	7/22 - 7/26	111	121	18	345	15,509	94,428	457	3,542	1,329,186	4,612,668	28,493	229,075
31	7/29 - 8/02	111	135	40	582	15,468	94,999	930	6,861	2,832,195	9,796,357	32,900	269,310
32	8/05 - 8/09	111	139	15	272	12,587	76,315	1,280	9,579	3,302,586	11,571,644	25,792	209,023
33	8/12 - 8/16	111	142	2	20	15,819	98,374	1,891	16,061	2,113,219	7,359,375	32,040	265,835
34	8/19 - 8/23	111	124	0	0	6,659	41,420	1,158	10,325	680,124	2,380,733	13,392	110,902
35	8/26 - 8/30	111	18	0	0	755	4,660	164	1,691	123,445	424,346	1,118	8,415
Season Total		777	765	93	1,679	78,136	479,376	6,291	50,920	10,843,752	37,738,466	152,134	1,244,077
Average Weight					18.1		6.1		8.1		3.5		8.2

Appendix E.41. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
7/15	42	1	58	2,882	17,109	146	925	73,739	253,579	3,644	30,154
7/16	51	2	62	2,944	19,023	77	631	93,312	314,826	5,302	43,283
7/17	48	8	213	2,090	12,333	121	773	97,198	331,610	2,690	22,497
7/18	45	1	7	1,265	7,502	34	280	73,377	257,040	2,623	22,012
7/19	54	6	120	2,158	13,213	33	252	125,371	436,288	4,140	33,571
7/22	64	1	8	1,979	11,852	28	238	175,958	604,317	3,972	32,038
7/23	67	1	31	3,383	20,122	57	433	228,110	787,017	5,215	41,667
7/24	67	0	0	2,953	17,892	45	339	232,138	810,983	5,860	45,192
7/25	83	3	73	3,178	19,520	47	358	270,932	942,084	5,793	46,765
7/26	92	11	175	3,949	24,608	280	2,174	412,767	1,435,780	7,606	63,041
7/27	2	2	58	67	434	0	0	9,281	32,487	47	372
7/29	74	6	146	3,460	21,428	59	480	440,437	1,517,217	6,513	53,325
7/30	95	4	56	3,896	24,157	98	747	601,342	2,072,602	6,979	57,430
7/31	81	1	6	2,306	13,996	73	619	462,064	1,630,289	4,212	34,854
8/01	106	13	122	3,428	20,830	282	2,108	686,899	2,379,082	7,996	65,103
8/02	115	16	252	2,378	14,588	418	2,907	641,453	2,197,167	7,200	58,598
8/05	102	0	0	2,455	15,240	130	987	790,122	2,767,904	4,406	35,570
8/06	95	3	55	1,769	10,642	230	1,794	616,663	2,170,137	3,734	30,186
8/07	111	4	79	2,564	15,385	142	1,096	635,340	2,237,623	5,146	42,336
8/08	104	0	0	3,119	18,867	446	3,030	626,956	2,180,124	6,036	48,357
8/09	121	8	138	2,680	16,181	332	2,672	633,505	2,215,856	6,470	52,574
8/12	98	0	0	3,844	23,469	210	1,653	578,345	2,009,612	6,140	49,933
8/13	100	2	20	3,831	23,530	393	3,112	429,752	1,506,098	7,258	59,216
8/14	110	0	0	3,179	19,960	444	3,713	433,000	1,527,327	6,584	54,902
8/15	95	0	0	2,503	15,713	269	2,410	316,028	1,095,806	5,894	50,539
8/16	108	0	0	2,462	15,702	575	5,173	356,094	1,220,532	6,164	51,245
8/19	110	0	0	3,046	19,307	434	3,526	356,881	1,269,440	5,928	49,632
8/20	86	0	0	1,868	11,450	328	3,069	155,149	538,014	4,263	35,490
8/21	39	0	0	734	4,553	186	1,718	65,316	223,822	1,721	13,732
8/22	23	0	0	580	3,431	124	1,078	57,265	191,788	849	7,248
8/23	17	0	0	431	2,679	86	934	45,513	157,669	631	4,800
8/26	12	0	0	146	904	35	326	31,561	108,513	179	1,400
8/27	13	0	0	366	2,240	69	703	57,603	198,932	553	4,167
8/28	9	0	0	169	1,058	26	286	15,452	52,877	255	1,797
8/29	2	0	0	60	359	34	376	8,315	28,275	106	850
8/30	2	0	0	14	99	0	0	10,514	35,749	25	201
Total	2,443	93	1,679	78,136	479,376	6,291	50,920	10,843,752	37,738,466	152,134	1,244,077
Average Weight			18.1		6.1		8.1		3.5		8.2

Appendix E.42. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Statistical Area 226-20, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/15	23	0	0	1,756	10,203	100	664	31,183	103,297	2,038	16,861
07/16	32	1	7	1,655	11,018	55	442	44,036	144,511	3,321	26,416
07/17	22	3	95	1,046	6,313	99	621	41,757	138,657	1,363	11,174
07/18	15	1	7	712	4,210	8	57	25,945	89,848	1,332	11,334
07/19	17	4	27	529	3,110	28	215	27,533	96,521	1,084	9,152
07/22	20	0	0	801	4,856	0	0	41,835	144,303	2,367	18,779
07/23	24	1	31	874	5,343	0	0	59,666	206,810	1,955	15,561
07/24	18	0	0	645	3,698	1	13	43,144	152,580	1,361	10,967
07/25	18	1	25	1,050	6,162	0	0	46,836	165,964	2,462	19,220
07/26	10	0	0	460	2,865	0	0	23,704	82,991	1,006	8,104
07/29	17	1	7	880	5,476	18	128	62,981	210,430	1,884	14,955
07/30	15	0	0	347	2,318	11	92	53,013	174,362	718	5,821
07/31	6	0	0	277	1,737	0	0	24,434	85,598	531	4,350
08/01	7	9	84	666	3,653	38	243	38,478	139,536	1,242	9,662
08/02	7	0	0	258	1,449	0	0	34,357	118,317	973	7,528
08/05	8	0	0	446	2,566	0	0	52,672	178,484	674	5,037
08/06	9	1	3	453	2,656	56	375	72,967	239,408	806	6,317
08/07	16	2	11	574	3,361	62	400	73,608	253,720	1,021	8,127
08/08	8	0	0	793	4,459	210	1,040	60,431	214,624	1,099	8,423
08/09	6	2	45	305	1,742	59	387	24,213	84,792	455	3,568
08/12	8	0	0	1,120	6,410	70	529	31,654	112,039	892	6,934
08/13	9	1	7	798	4,559	98	671	26,929	95,116	835	6,391
08/14	4	0	0	422	2,616	5	50	11,687	41,873	401	3,355
08/15	5	0	0	407	2,474	59	463	14,375	50,014	256	2,339
08/16	3	0	0	216	1,303	18	145	7,616	26,464	274	2,204
08/19	2	0	0	323	1,935	91	730	7,561	26,465	266	2,130
Totals	329	27	349	17,813	106,492	1,086	7,265	982,615	3,376,724	30,616	244,709
Average Weights			12.9		6.0		6.7		3.4		8.0

Appendix E.43. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Statistical Area 226-30, Prince William Sound, 1985.

		Chinook		Sockeye		Coho		Pinks		Chums	
Date(s)	Number of Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/15	1	0	0	152	916	35	179	2,951	8,853	110	940
07/16	8	1	55	388	2,441	8	73	16,896	52,558	730	6,241
07/18	3	0	0	115	666	12	106	7,790	25,827	310	2,662
07/19	5	0	0	299	1,871	0	0	14,476	50,791	584	3,994
07/22	13	0	0	349	1,913	15	110	26,923	90,560	507	3,991
07/23	10	0	0	819	4,926	44	327	30,716	101,099	555	4,587
07/24	13	0	0	449	2,656	29	183	32,037	106,267	554	4,584
07/25	22	0	0	617	4,001	27	192	71,176	241,658	1,416	11,571
07/26	23	2	12	768	4,773	10	73	74,704	251,573	1,344	11,208
07/29	7	0	0	376	2,273	0	0	41,938	149,042	408	3,093
07/30	11	0	0	505	3,185	5	30	67,347	236,732	479	3,943
07/31	16	0	0	627	3,851	10	88	94,004	337,273	898	7,457
08/01	7	0	0	20	120	13	130	20,360	71,341	84	665
08/02	5	1	45	76	447	10	79	31,730	116,145	204	1,641
08/05	9	0	0	39	228	3	24	66,147	235,728	165	1,318
08/06	12	0	0	215	1,358	11	78	89,879	330,662	584	4,594
08/07	15	1	40	794	4,850	9	98	114,221	403,769	996	8,111
08/08	16	0	0	1,309	8,103	12	105	138,275	490,109	1,919	15,336
08/09	25	0	0	995	6,121	8	77	126,743	432,669	1,901	15,716
08/12	12	0	0	869	5,383	4	30	90,364	313,707	1,861	15,306
08/13	27	0	0	1,352	8,333	43	328	117,859	434,709	3,131	25,217
08/14	34	0	0	660	4,217	111	1,039	108,602	399,414	2,166	18,166
08/15	25	0	0	474	2,847	27	226	80,484	278,066	2,552	22,118
08/16	28	0	0	364	2,201	23	205	77,697	269,139	2,026	16,809
08/19	8	0	0	75	483	2	20	13,570	52,129	465	3,909
08/20	12	0	0	105	674	5	55	18,282	63,749	743	6,078
08/22	3	0	0	13	80	0	0	2,808	10,109	99	796
Totals	370	5	152	12,824	78,917	476	3,855	1,577,979	5,553,678	26,791	220,051
Average Weights			30.4		6.2		8.1		3.5		8.2

Appendix E.44. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Statistical Area 226-40, Prince William Sound, 1985.

		Chinook		Sockeye		Coho		Pinks		Chums	
Date(s)	Number of Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/15	9	0	0	529	3,296	0	0	16,260	58,278	624	5,185
07/16	8	0	0	550	3,523	0	0	18,709	65,971	520	4,659
07/17	13	0	0	249	1,445	1	8	24,994	86,918	516	4,169
07/18	11	0	0	174	1,061	0	0	23,850	84,389	414	3,616
07/19	21	0	0	604	3,659	4	29	44,748	151,980	1,027	9,143
07/22	27	1	8	691	4,254	13	128	66,764	231,346	802	6,889
07/23	29	0	0	1,275	7,377	13	106	101,976	354,301	2,396	19,134
07/24	22	0	0	894	5,606	13	123	76,260	277,791	2,590	18,057
07/25	20	0	0	874	5,505	10	94	66,939	243,658	962	8,356
07/26	28	9	163	1,078	7,155	229	1,750	117,710	403,142	3,065	25,896
07/29	18	2	35	773	4,900	16	120	102,286	359,936	1,159	9,489
07/30	38	3	24	1,416	8,837	30	229	209,114	734,712	2,256	18,876
07/31	14	0	0	489	2,962	16	130	56,274	197,739	579	4,853
08/01	37	2	15	1,244	7,752	76	542	200,673	715,153	2,387	19,458
08/02	36	1	32	644	4,109	26	218	181,162	619,333	1,898	15,790
08/05	39	0	0	936	5,981	57	385	333,487	1,164,726	1,770	14,546
08/06	31	2	52	622	3,721	80	666	191,162	680,298	1,428	11,738
08/07	33	1	28	598	3,689	2	16	142,425	516,693	1,938	16,369
08/08	26	0	0	348	2,237	27	229	105,266	358,261	1,153	9,518
08/09	30	0	0	408	2,575	49	404	108,618	389,580	1,560	12,685
08/12	70	0	0	1,695	10,704	128	1,019	400,516	1,388,465	3,147	25,636
08/13	63	1	13	1,643	10,369	248	2,080	276,745	947,805	3,246	27,243
08/14	72	0	0	2,053	12,841	320	2,544	305,935	1,062,006	3,973	32,999
08/15	66	0	0	1,611	10,332	183	1,721	212,050	739,306	3,068	25,932
08/16	73	0	0	1,880	12,186	534	4,823	263,599	899,848	3,848	32,077
08/19	70	0	0	2,206	14,147	288	2,328	253,080	897,450	4,199	34,559
08/20	44	0	0	1,131	7,199	233	2,279	80,681	281,719	2,080	16,924
08/21	22	0	0	476	2,984	77	717	26,852	92,459	889	7,191
08/22	5	0	0	198	1,237	46	374	11,095	37,345	186	1,579
08/23	4	0	0	214	1,278	15	150	12,285	42,797	248	1,971
08/26	10	0	0	119	722	30	275	29,844	102,572	139	1,085
08/27	12	0	0	356	2,174	59	637	54,708	189,090	506	3,832
08/28	7	0	0	114	707	21	231	12,853	43,842	158	1,094
08/29	2	0	0	60	359	34	376	8,315	28,275	106	850
08/30	1	0	0	0	0	0	0	9,822	33,396	0	0
Totals	1,011	22	370	28,152	176,883	2,878	24,731	4,147,057	14,480,580	54,837	451,398
Average Weights			16.8		6.3		8.6		3.5		8.2

Appendix E.45. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Statistical Area 226-50, Prince William Sound, 1985.

Date(s)	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/15	3	1	58	54	316	0	0	1,976	7,158	109	910
07/16	3	0	0	223	1,292	0	0	5,386	19,666	584	4,712
07/17	6	0	0	177	1,039	0	0	5,218	18,236	197	1,624
07/18	2	0	0	77	462	0	0	4,084	14,296	135	1,080
07/19	1	0	0	15	115	0	0	1,150	4,350	32	275
07/22	1	0	0	35	210	0	0	1,506	5,274	31	248
07/24	1	0	0	108	666	0	0	7,624	24,931	86	726
07/26	1	0	0	9	63	0	0	3,087	11,225	37	277
08/01	4	0	0	142	880	5	51	18,079	61,291	274	2,219
08/02	6	0	0	197	1,282	0	0	16,778	60,399	369	3,240
08/05	2	0	0	45	281	0	0	7,161	24,126	67	566
08/07	1	0	0	6	35	0	0	3,597	12,591	3	21
08/08	1	0	0	25	152	0	0	4,450	14,685	58	458
08/09	1	5	63	276	1,520	65	421	15,665	51,694	470	3,524
08/12	5	0	0	81	521	8	75	12,976	45,581	105	867
08/13	1	0	0	37	262	4	33	3,623	12,679	44	351
08/14	1	0	0	2	12	0	0	245	856	4	32
08/19	5	0	0	31	182	0	0	14,594	50,086	171	1,436
08/20	2	0	0	78	509	0	0	3,565	11,738	101	872
08/21	2	0	0	0	0	0	0	3,061	10,422	0	0
Totals	49	6	121	1,618	9,799	82	580	133,825	461,284	2,877	23,438
Average Weights			20.2		6.1		7.1		3.4		8.1

Appendix E.46. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Point Elrington Subdistrict, Statistical Area 226-51, Prince William Sound, 1985.

		Chinook		Sockeye		Coho		Pinks		Chums	
Date(s)	Number of Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/15	8	0	0	391	2,378	11	82	21,369	75,993	763	6,258
07/16	3	0	0	128	749	14	116	8,285	32,120	147	1,255
07/17	7	5	118	618	3,536	21	144	25,229	87,799	614	5,530
07/18	16	0	0	187	1,103	14	117	11,708	42,680	432	3,320
07/19	11	2	93	711	4,458	1	8	37,464	132,646	1,413	11,007
07/22	6	0	0	103	619	0	0	38,930	132,834	265	2,131
07/23	5	0	0	354	2,113	0	0	25,565	90,168	230	1,751
07/24	15	0	0	857	5,266	2	20	73,073	249,414	1,269	10,858
07/25	24	2	48	637	3,852	10	72	85,981	290,804	953	7,618
07/26	32	0	0	1,634	9,752	41	351	193,562	686,849	2,154	17,556
07/27	2	2	58	67	434	0	0	9,281	32,487	47	372
07/29	29	2	82	1,330	8,174	22	208	209,688	716,992	2,917	24,655
07/30	32	1	32	1,521	9,126	52	396	250,042	853,045	3,243	26,511
07/31	43	1	6	869	5,189	47	401	269,443	947,257	2,147	17,755
08/01	54	2	23	1,256	7,806	150	1,142	395,427	1,345,147	3,886	32,097
08/02	54	14	175	941	5,709	372	2,530	311,034	1,066,019	3,169	25,973
08/05	45	0	0	630	3,840	62	511	253,639	887,111	1,276	10,325
08/06	38	0	0	291	1,715	76	619	204,577	713,279	650	5,292
08/07	43	0	0	455	2,630	67	566	240,493	842,894	926	7,543
08/08	43	0	0	291	1,672	191	1,598	231,685	803,528	1,228	9,643
08/09	50	1	30	460	2,769	149	1,370	284,972	999,492	1,581	12,620
08/19	13	0	0	101	519	52	438	24,687	81,926	215	1,711
08/20	18	0	0	364	1,885	62	466	32,621	105,819	674	5,410
08/21	14	0	0	186	1,121	83	740	27,710	96,063	427	3,262
08/22	9	0	0	270	1,520	59	519	27,099	88,484	355	2,929
08/23	10	0	0	217	1,401	70	774	27,600	95,722	379	2,808
08/26	2	0	0	27	182	5	51	1,717	5,941	40	315
08/27	1	0	0	10	66	10	66	2,895	9,842	47	335
08/28	2	0	0	55	351	5	55	2,599	9,035	97	703
08/30	1	0	0	14	99	0	0	692	2,353	25	201
Totals	630	32	665	14,975	90,034	1,648	13,360	3,329,067	11,523,743	31,569	257,744
Average Weights			20.8		6.0		8.1		3.5		8.2

Appendix E.47. Commercial catches of salmon by species and date in the Southwestern District purse seine fishery, Port San Juan Subdistrict, Statistical Area 226-60, Prince William Sound, 1985.

		Chinook		Sockeye		Coho		Pinks		Chums	
Date(s)	Number of Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/23	1	0	0	61	363	0	0	10,187	34,639	79	634
07/29	3	1	22	101	605	3	24	23,544	80,817	145	1,133
07/30	5	0	0	107	691	0	0	21,826	73,751	283	2,279
07/31	3	0	0	44	257	0	0	17,909	62,422	57	439
08/01	4	0	0	100	619	0	0	13,882	46,614	123	1,002
08/02	14	0	0	262	1,592	10	80	66,392	216,954	587	4,426
08/05	9	0	0	359	2,344	8	67	77,016	277,729	454	3,778
08/06	9	0	0	188	1,192	7	56	58,078	206,490	266	2,245
08/07	9	0	0	137	820	2	16	60,996	207,956	262	2,165
08/08	15	0	0	353	2,244	6	58	86,849	298,917	579	4,979
08/09	17	0	0	236	1,454	2	13	73,294	257,629	503	4,461
08/12	6	0	0	79	451	0	0	42,835	149,820	135	1,190
08/13	2	0	0	1	7	0	0	4,596	15,789	2	14
08/14	2	0	0	42	274	8	80	6,531	23,178	40	350
08/15	2	0	0	11	60	0	0	9,119	28,420	18	150
08/16	5	0	0	2	12	0	0	7,182	25,081	16	155
08/19	12	0	0	310	2,041	1	10	43,389	161,384	612	5,887
08/20	11	0	0	190	1,183	28	269	20,000	74,989	665	6,206
08/21	5	0	0	72	448	26	261	7,693	24,878	405	3,279
08/22	6	0	0	99	594	19	185	16,263	55,850	209	1,944
08/23	3	0	0	0	0	1	10	5,628	19,150	4	21
Totals	143	1	22	2,754	17,251	121	1,129	673,209	2,342,457	5,444	46,737
Average Weights			22.0		6.3		9.3		3.5		8.6

Appendix E.48. Commercial catches of salmon by species and fishing period in the Montague District purse seine fishery, Prince William Sound, 1985.

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
29	7/15 - 7/19	111	30	8	210	402	2,434	12	99	218,792	759,216	1,066	8,930
30	7/22 - 7/26	111	26	4	75	202	1,319	1	7	238,266	860,012	756	6,385
31	7/29 - 8/02	111	33	5	170	312	1,900	98	776	634,307	2,185,911	989	8,475
32	8/05 - 8/09	111	12	0	0	140	805	385	2,759	324,177	1,100,603	918	7,166
33	8/12 - 8/16	111	11	0	0	75	442	462	3,605	60,675	204,188	942	7,594
Season Total		555	112	17	455	1,131	6,900	958	7,246	1,476,217	5,109,930	4,671	38,550
Average Weight					26.8		6.1		7.6		3.5		8.3

Appendix E.49. Commercial catches of salmon by species and date in the Montague District purse seine fishery, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
7/15	4	0	0	26	156	0	0	28,362	99,088	144	1,156
7/16	2	0	0	55	330	0	0	22,773	79,705	52	415
7/17	20	1	15	213	1,217	1	8	66,837	234,164	690	5,728
7/18	16	5	129	84	566	9	71	61,387	209,340	137	1,262
7/19	16	2	66	24	165	2	20	39,433	136,919	43	369
7/22	7	0	0	26	163	0	0	38,221	143,067	64	716
7/23	7	0	0	20	128	0	0	32,160	107,638	57	469
7/24	3	0	0	0	0	0	0	32,217	128,061	7	77
7/25	8	0	0	6	36	0	0	34,931	118,013	57	483
7/26	21	4	75	150	992	1	7	100,737	363,233	571	4,640
7/29	15	1	32	62	381	12	93	159,029	533,241	114	905
7/30	20	0	0	120	726	4	28	171,890	591,030	217	1,826
7/31	23	2	68	34	198	22	145	139,854	481,213	66	602
8/01	17	1	40	96	595	30	240	104,837	367,684	332	2,844
8/02	8	1	30	0	0	30	270	58,697	212,743	260	2,298
8/05	6	0	0	0	0	0	0	75,045	253,592	17	174
8/06	9	0	0	25	157	117	879	90,616	308,136	199	1,632
8/07	8	0	0	18	105	63	503	53,791	176,517	89	665
8/08	4	0	0	33	178	55	358	35,964	133,862	230	1,728
8/09	6	0	0	64	365	150	1,019	68,761	228,496	383	2,967
8/13	3	0	0	0	0	0	0	4,655	15,219	0	0
8/14	3	0	0	38	211	84	544	27,915	91,283	599	4,669
8/15	3	0	0	11	56	362	2,900	9,691	32,988	78	623
8/16	5	0	0	26	175	16	161	18,414	64,698	265	2,302
Total	234	17	455	1,131	6,900	958	7,246	1,476,217	5,109,930	4,671	38,550
Average Weight			26.8		6.1		7.6		3.5		8.3

Appendix E.50. Commercial catches of salmon by species and date in the Montague District purse seine fishery, Statistical Area 227-10, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/15	1	0	0	15	70	0	0	3,500	12,255	135	1,075
07/18	3	5	129	24	167	9	71	27,427	87,481	64	627
07/19	5	2	66	10	65	2	20	10,946	33,711	7	67
07/23	1	0	0	0	0	0	0	5,117	17,912	0	0
07/26	4	4	75	22	139	0	0	27,223	100,258	84	717
07/29	6	1	32	61	375	12	93	68,311	229,009	109	853
07/30	11	0	0	99	600	4	28	74,696	263,838	117	964
07/31	5	0	0	25	150	21	135	28,897	95,261	53	463
08/01	7	1	40	96	595	22	157	50,395	174,371	211	1,773
08/02	1	0	0	0	0	0	0	7,161	22,141	0	0
08/06	2	0	0	24	151	34	222	35,454	116,390	181	1,471
08/07	1	0	0	18	105	28	183	22,333	66,699	89	665
08/08	2	0	0	33	178	55	358	25,043	98,150	230	1,728
08/09	2	0	0	55	307	126	823	36,697	123,646	291	2,187
08/14	2	0	0	38	211	84	544	27,915	91,283	599	4,669
08/15	2	0	0	10	51	154	1,232	5,897	20,459	78	623
08/16	5	0	0	26	175	16	161	18,414	64,698	265	2,302
Totals	60	13	342	556	3,339	567	4,027	475,426	1,617,562	2,513	20,184
Average Weights			26.3		6.0		7.1		3.4		8.0

Appendix E.51. Commercial catches of salmon by species and date in the Montague District purse seine fishery, Statistical Area 227-20, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/15	3	0	0	11	86	0	0	24,862	86,833	9	81
07/16	2	0	0	55	330	0	0	22,773	79,705	52	415
07/17	20	1	15	213	1,217	1	8	66,837	234,164	690	5,728
07/18	13	0	0	60	399	0	0	33,960	121,859	73	635
07/19	11	0	0	14	100	0	0	28,487	103,208	36	302
07/22	7	0	0	26	163	0	0	38,221	143,067	64	716
07/23	6	0	0	20	128	0	0	27,043	89,726	57	469
07/24	3	0	0	0	0	0	0	32,217	128,061	7	77
07/25	8	0	0	6	36	0	0	34,931	118,013	57	483
07/26	17	0	0	128	853	1	7	73,514	262,975	487	3,923
07/29	9	0	0	1	6	0	0	90,718	304,232	5	52
07/30	10	0	0	21	126	0	0	97,194	327,192	100	862
07/31	18	2	68	9	48	1	10	110,957	385,952	13	139
08/01	11	0	0	0	0	8	83	54,442	193,313	121	1,071
08/02	7	1	30	0	0	30	270	51,536	190,602	260	2,298
08/05	6	0	0	0	0	0	0	75,045	253,592	17	174
08/06	7	0	0	1	6	83	657	55,162	191,746	18	161
08/07	7	0	0	0	0	35	320	31,458	109,818	0	0
08/08	2	0	0	0	0	0	0	10,921	35,712	0	0
08/09	4	0	0	9	58	24	196	32,064	104,850	92	780
08/13	3	0	0	0	0	0	0	4,655	15,219	0	0
08/15	1	0	0	1	5	208	1,668	3,794	12,529	0	0
Totals	175	4	113	575	3,561	391	3,219	1,000,791	3,492,368	2,158	18,366
Average Weights			28.3		6.2		8.2		3.5		8.5

Appendix E.52. Commercial catches of salmon by species and fishing period in the Southeastern District purse seine fishery, Prince William Sound, 1985.

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
28	7/10 - 7/12	63	60	19	276	838	5,063	30	255	211,811	751,413	14,460	123,638
29	7/15 - 7/19	111	59	27	603	1,022	6,091	183	1,531	395,480	1,415,456	12,537	109,105
30	7/22 - 7/26	111	65	7	146	879	5,278	169	1,315	567,503	2,012,465	10,414	89,598
31	7/29 - 8/02	111	34	2	37	983	5,668	92	902	849,627	2,997,498	8,602	76,889
32	8/05 - 8/09	111	32	3	23	549	2,960	238	2,252	639,102	2,242,304	5,641	50,343
33	8/12 - 8/16	111	17	0	0	46	241	70	587	64,539	226,241	2,465	21,693
34	8/19 - 8/23	111	2	0	0	0	0	0	0	5,500	19,642	88	770
Season Total		729	269	58	1,085	4,317	25,301	782	6,842	2,733,562	9,665,019	54,207	472,036
Average Weight					18.7		5.9		8.7		3.5		8.7

Appendix E.53. Commercial catches of salmon by species and date in the Southeastern District purse seine fishery, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
7/10	45	9	152	456	2,739	4	27	110,341	388,193	7,113	61,057
7/11	37	9	117	184	1,089	20	191	60,123	216,929	4,088	34,367
7/12	47	1	7	198	1,235	6	37	41,347	146,291	3,259	28,214
7/15	30	2	50	249	1,395	5	36	76,757	273,929	1,617	14,066
7/16	24	3	110	203	1,247	1	10	56,656	205,109	1,241	10,964
7/17	34	5	135	264	1,618	8	50	98,653	358,933	3,639	32,251
7/18	31	16	243	95	555	132	1,124	68,501	240,980	2,742	23,061
7/19	47	1	65	211	1,276	37	311	94,913	336,505	3,298	28,763
7/22	44	0	0	173	1,081	12	95	146,728	526,368	2,496	21,389
7/23	43	0	0	181	1,082	16	121	119,621	412,368	1,903	16,360
7/24	43	1	24	235	1,441	10	70	121,271	431,901	3,061	26,811
7/25	27	5	110	97	579	0	0	61,544	226,929	812	6,788
7/26	37	1	12	193	1,095	131	1,029	118,339	414,899	2,142	18,250
7/29	29	1	25	313	1,778	32	320	230,401	810,267	2,062	18,663
7/30	27	0	0	208	1,199	15	148	168,445	603,585	1,597	13,818
7/31	25	1	12	152	965	43	409	163,935	581,265	1,745	15,127
8/01	25	0	0	47	281	2	25	145,739	506,119	1,451	13,186
8/02	25	0	0	263	1,445	0	0	141,107	496,262	1,747	16,095
8/05	25	0	0	243	1,285	30	209	211,170	742,617	1,435	12,633
8/06	24	3	23	145	779	14	130	140,477	492,759	1,070	9,202
8/07	24	0	0	91	503	19	155	136,943	480,698	992	9,035
8/08	13	0	0	15	111	175	1,758	61,624	209,184	1,004	8,983
8/09	22	0	0	55	282	0	0	88,888	317,046	1,140	10,490
8/12	11	0	0	19	102	39	330	39,983	140,844	1,235	10,933
8/13	5	0	0	4	24	20	158	12,234	42,819	84	727
8/14	5	0	0	10	50	0	0	7,041	24,377	361	2,980
8/15	4	0	0	13	65	11	99	5,281	18,201	785	7,053
8/19	1	0	0	0	0	0	0	2,630	9,597	44	400
8/20	1	0	0	0	0	0	0	2,870	10,045	44	370
Total	755	58	1,085	4,317	25,301	782	6,842	2,733,562	9,665,019	54,207	472,036
Average Weight			18.7		5.9		8.7		3.5		8.7

Appendix E.54. Commercial catches of salmon by species and date in the Southeastern District purse seine fishery, Statistical Area 228-20, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/10	4	0	0	1	6	0	0	10,385	36,560	76	765
07/15	2	1	25	21	140	0	0	3,554	14,221	96	960
07/19	1	0	0	7	47	0	0	1,176	4,360	32	232
07/24	1	0	0	7	42	0	0	3,005	11,120	38	342
07/31	1	0	0	25	140	30	300	6,300	25,107	317	2,835
Totals	9	1	25	61	375	30	300	24,420	91,368	559	5,134
Average Weights			25.0		6.1		10.0		3.7		9.2

Appendix E.55. Commercial catches of salmon by species and date in the Southeastern District purse seine fishery, Statistical Area 228-30, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/10	34	9	152	366	2,284	0	0	78,662	277,411	6,560	56,602
07/11	32	3	61	161	972	14	145	54,264	196,410	3,900	32,762
07/12	46	1	7	198	1,235	6	37	41,116	145,481	3,242	28,076
07/15	20	0	0	183	1,021	5	36	57,857	209,762	956	8,095
07/16	22	2	77	196	1,207	1	10	52,956	192,419	1,100	9,664
07/17	24	3	110	173	1,065	8	50	64,261	238,943	1,944	18,063
07/18	25	16	243	74	439	132	1,124	46,166	163,661	2,115	17,776
07/19	35	0	0	177	1,060	37	311	55,966	200,141	2,450	21,033
07/22	24	0	0	110	680	4	34	58,133	208,226	1,409	12,005
07/23	18	0	0	130	775	16	121	64,672	217,533	1,175	10,205
07/24	21	0	0	183	1,130	8	45	61,000	219,050	1,509	13,151
07/25	17	0	0	81	480	0	0	39,483	149,945	494	4,064
07/26	25	0	0	151	859	108	865	58,304	206,889	1,275	11,080
07/29	18	1	25	279	1,573	32	320	98,549	349,232	1,266	11,435
07/30	19	0	0	198	1,127	15	148	103,068	362,449	1,281	11,233
07/31	9	0	0	34	216	13	109	53,836	191,409	260	2,416
08/01	15	0	0	22	129	2	25	78,274	268,542	525	4,980
08/02	19	0	0	253	1,384	0	0	93,726	333,488	1,218	11,130
08/05	13	0	0	198	1,025	5	42	98,459	357,862	786	6,997
08/06	11	3	23	119	613	13	110	58,427	208,048	424	3,841
08/07	17	0	0	91	503	19	155	76,338	273,901	522	4,654
08/08	5	0	0	14	104	175	1,758	30,093	98,821	297	2,736
08/09	15	0	0	55	282	0	0	48,187	173,829	517	4,712
08/12	3	0	0	17	90	17	150	11,162	41,575	240	2,175
08/13	1	0	0	0	0	0	0	75	257	0	0
08/14	2	0	0	10	50	0	0	974	3,540	137	1,000
08/15	3	0	0	13	65	11	99	2,376	8,321	179	1,594
08/19	1	0	0	0	0	0	0	2,630	9,597	44	400
Totals	494	38	698	3,486	20,368	641	5,694	1,489,014	5,306,742	35,825	311,879
Average Weights			18.4		5.8		8.9		3.6		8.7

Appendix E.56. Commercial catches of salmon by species and date in the Southeastern District purse seine fishery, Statistical Area 228-40, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/10	5	0	0	76	376	4	27	15,711	54,987	332	2,592
07/11	5	6	56	23	117	6	46	5,859	20,519	188	1,605
07/12	1	0	0	0	0	0	0	231	810	17	138
07/15	3	0	0	18	95	0	0	7,173	21,581	277	2,556
07/19	2	0	0	9	49	0	0	10,044	36,595	196	1,770
07/22	4	0	0	25	135	7	55	19,481	71,069	381	3,248
07/23	7	0	0	22	138	0	0	25,075	89,293	338	2,641
07/24	9	1	24	38	226	0	0	30,481	109,442	898	7,463
07/25	7	5	110	13	78	0	0	8,117	28,217	263	2,180
07/26	8	1	12	38	215	23	164	22,696	79,914	648	5,194
07/29	5	0	0	19	119	0	0	31,827	115,176	315	2,676
07/30	4	0	0	7	51	0	0	21,729	79,316	114	969
07/31	8	1	12	81	521	0	0	60,324	215,698	848	6,918
08/01	4	0	0	23	138	0	0	25,170	89,215	294	2,377
08/05	6	0	0	29	175	0	0	43,002	152,350	338	2,751
08/06	6	0	0	14	89	1	20	33,701	118,799	276	2,253
08/07	3	0	0	0	0	0	0	18,358	61,952	156	1,510
08/08	4	0	0	0	0	0	0	2,413	8,445	59	452
08/09	1	0	0	0	0	0	0	4,533	15,835	32	320
08/12	6	0	0	2	12	22	180	13,001	45,489	145	1,160
08/13	3	0	0	4	24	20	158	7,913	27,696	42	332
08/14	2	0	0	0	0	0	0	2,067	7,237	29	230
Totals	103	14	214	441	2,558	83	650	408,906	1,449,635	6,186	51,335
Average Weights			15.3		5.8		7.8		3.5		8.3

Appendix E.57. Commercial catches of salmon by species and date in the Southeastern District purse seine fishery, Statistical Area 228-50, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
08/05	1	0	0	11	59	21	138	13,869	41,587	26	193
08/20	1	0	0	0	0	0	0	2,870	10,045	44	370
Totals	2	0	0	11	59	21	138	16,739	51,632	70	563
Average Weights			0.0		5.4		6.6		3.1		8.0

Appendix E.58. Commercial catches of salmon by species and date in the Southeastern District purse seine fishery, Statistical Area 228-60, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/10	2	0	0	13	73	0	0	5,583	19,235	145	1,098
07/15	5	1	25	27	139	0	0	8,173	28,365	288	2,455
07/16	2	1	33	7	40	0	0	3,700	12,690	141	1,300
07/17	10	2	25	91	553	0	0	34,392	119,990	1,695	14,188
07/18	6	0	0	21	116	0	0	22,335	77,319	627	5,285
07/19	10	1	65	18	120	0	0	27,727	95,409	620	5,728
07/22	18	0	0	38	266	1	6	69,114	247,073	706	6,136
07/23	19	0	0	29	169	0	0	29,874	105,542	390	3,514
07/24	15	0	0	7	43	2	25	26,785	92,289	616	5,855
07/25	3	0	0	3	21	0	0	13,944	48,767	55	544
07/26	5	0	0	4	21	0	0	37,339	128,096	219	1,976
07/29	7	0	0	15	86	0	0	100,025	345,859	481	4,552
07/30	5	0	0	3	21	0	0	43,648	161,820	202	1,616
07/31	7	0	0	12	88	0	0	43,475	149,051	320	2,958
08/01	6	0	0	2	14	0	0	42,295	148,362	632	5,829
08/02	6	0	0	10	61	0	0	47,381	162,774	529	4,965
08/05	6	0	0	5	26	4	29	55,840	190,818	285	2,692
08/06	7	0	0	12	77	0	0	48,349	165,912	370	3,108
08/07	5	0	0	0	0	0	0	42,247	144,845	314	2,871
08/08	5	0	0	1	7	0	0	29,118	101,918	648	5,795
08/09	6	0	0	0	0	0	0	36,168	127,382	591	5,458
08/12	2	0	0	0	0	0	0	15,820	53,780	850	7,598
08/13	1	0	0	0	0	0	0	4,246	14,866	42	395
08/14	0	0	0	0	0	0	0	4,000	13,600	195	1,750
08/15	0	0	0	0	0	0	0	2,905	9,880	606	5,459
Totals		5	148	318	1,941	7	60	794,483	2,765,642	11,567	103,125
Average Weights			29.6		6.1		8.6		3.5		8.9

Appendix E.59. Weekly sales harvests of salmon by species in the VFDA Solomon Gulch Hatchery special harvest area, Eastern District, Statistical Area 221-62, Prince William Sound, 1985.

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
25	6/16 - 6/22	NA	1	0	0	4	37	0	0	42,354	141,101	8	64
26	6/23 - 6/29	NA		0	0	19	117	1	4	145,040	499,114	21	168
30	7/21 - 7/27	NA		0	0	0	0	0	0	36,425	104,892	0	0
31	7/28 - 8/03	NA		0	0	0	0	0	0	28,657	72,334	0	0
32	8/04 - 8/10	NA		0	0	0	0	0	0	16,251	38,004	0	0
Season Total				0	0	23	154	1	4	268,727	855,445	29	232
Average Weight					0.0		6.7		4.0		3.2		8.0

Appendix E.60. Sales harvests of salmon by species and date in the VFDA Solomon Gulch Hatchery special harvest area, Eastern District, Statistical Area 221-62, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
06/21	1	0	0	0	0	0	0	4,051	22,566	0	0
06/22	0	0	0	4	37	0	0	38,303	118,535	8	64
06/23	0	0	0	0	0	0	0	27,325	92,908	0	0
06/24	0	0	0	10	64	0	0	34,092	117,314	12	104
06/26	0	0	0	1	5	1	4	52,868	184,325	1	4
06/27	0	0	0	8	48	0	0	30,755	104,567	8	60
07/23	0	0	0	0	0	0	0	5,514	13,785	0	0
07/24	0	0	0	0	0	0	0	9,458	26,745	0	0
07/25	0	0	0	0	0	0	0	7,099	21,298	0	0
07/26	0	0	0	0	0	0	0	6,542	19,626	0	0
07/27	0	0	0	0	0	0	0	7,812	23,438	0	0
07/30	0	0	0	0	0	0	0	5,459	16,379	0	0
07/31	0	0	0	0	0	0	0	3,207	9,861	0	0
08/02	0	0	0	0	0	0	0	15,999	38,110	0	0
08/03	0	0	0	0	0	0	0	3,992	7,984	0	0
08/04	0	0	0	0	0	0	0	2,030	4,060	0	0
08/05	0	0	0	0	0	0	0	7,185	14,371	0	0
08/06	0	0	0	0	0	0	0	3,964	11,892	0	0
08/07	0	0	0	0	0	0	0	3,072	7,681	0	0
Totals	1	0	0	23	154	1	4	268,727	855,445	29	232
Average Weights			0.0		6.7		4.0		3.2		8.0

Appendix E.61. Weekly sales harvests of salmon by species in the P.W.S.A.C. Armin F. Koernig Hatchery special harvest area, Southwestern District, Statistical Area 226-62, Prince William Sound, 1985.

Period		Time	Number of	Chinook		Sockeye		Coho		Pinks		Chums	
Week	Date(s)	(Hrs)	Boats	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
30	7/21 - 7/27	NA	1	0	0	0	0	0	0	11,132	38,963	90	917
31	7/28 - 8/03	NA	0	0	0	0	0	0	0	93,327	317,046	127	1,142
32	8/04 - 8/10	NA	0	0	0	0	0	0	0	314,770	1,073,771	218	2,031
33	8/11 - 8/17	NA	0	0	0	0	0	0	0	271,324	906,711	450	3,427
34	8/18 - 8/24	NA	0	0	0	0	0	0	0	137,292	456,627	454	3,358
35	8/25 - 8/31	NA	0	0	0	0	0	0	0	125,495	397,624	1,371	9,089
36	9/01 - 9/07	NA	0	0	0	0	0	0	0	35,561	111,201	1,028	6,930
Season Total				0	0	0	0	0	0	988,901	3,301,943	3,738	26,894
Average Weight					0.0		0.0		0.0		3.3		7.2

Appendix E.62. Sales harvests of salmon by species and date in the P.W.S.A.C. Armin F. Koernig Hatchery special harvest area, Southwestern District, Statistical Area 226-62, Prince William Sound, 1985.

Date	Number of Boats	Chinook		Sockeye		Coho		Pinks		Chums	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
07/26	1	0	0	0	0	0	0	11,132	38,963	90	917
07/28	0	0	0	0	0	0	0	19,373	63,675	27	256
07/29	0	0	0	0	0	0	0	7,253	21,758	0	0
07/30	0	0	0	0	0	0	0	16,653	54,956	0	0
07/31	0	0	0	0	0	0	0	14,880	53,570	12	107
08/01	0	0	0	0	0	0	0	13,667	47,834	11	96
08/03	0	0	0	0	0	0	0	21,501	75,253	77	683
08/04	0	0	0	0	0	0	0	83,293	283,197	75	709
08/05	0	0	0	0	0	0	0	64,887	222,917	15	162
08/06	0	0	0	0	0	0	0	42,480	143,149	23	217
08/07	0	0	0	0	0	0	0	11,127	37,833	0	0
08/08	0	0	0	0	0	0	0	44,141	150,075	19	150
08/09	0	0	0	0	0	0	0	21,301	72,426	21	218
08/10	0	0	0	0	0	0	0	47,541	164,174	65	575
08/11	0	0	0	0	0	0	0	16,889	57,423	0	0
08/12	0	0	0	0	0	0	0	71,541	243,240	115	768
08/14	0	0	0	0	0	0	0	69,942	230,808	119	927
08/15	0	0	0	0	0	0	0	21,000	69,298	18	139
08/16	0	0	0	0	0	0	0	66,740	222,660	189	1,510
08/17	0	0	0	0	0	0	0	25,212	83,282	9	83
08/18	0	0	0	0	0	0	0	30,746	103,471	51	382
08/19	0	0	0	0	0	0	0	46,656	156,395	116	785
08/21	0	0	0	0	0	0	0	31,760	104,808	233	1,813
08/23	0	0	0	0	0	0	0	8,738	27,960	7	56
08/24	0	0	0	0	0	0	0	19,392	63,993	47	322
08/25	0	0	0	0	0	0	0	42,267	135,254	178	1,229
08/26	0	0	0	0	0	0	0	18,842	61,724	179	898
08/27	0	0	0	0	0	0	0	10,525	33,680	123	618
08/28	0	0	0	0	0	0	0	14,745	45,709	367	2,456
08/30	0	0	0	0	0	0	0	12,524	38,823	231	1,688
08/31	0	0	0	0	0	0	0	26,592	82,434	293	2,200
09/02	0	0	0	0	0	0	0	25,943	80,422	378	2,573
09/03	0	0	0	0	0	0	0	4,899	15,677	331	2,219
09/04	0	0	0	0	0	0	0	4,719	15,102	319	2,138
Totals	1	0	0	0	0	0	0	988,901	3,301,943	3,738	26,894
Average Weights			0.0		0.0		0.0		3.3		7.2

Appendix E.63. Temporally stratified age and sex composition of sockeye salmon in the commercial catches from the drift gill net fishery in the Unakwik District, Prince William Sound, 1985.[a]

		Brood Year and Age Group							
		1981		1980		1979			
		0.3	1.2	1.3	2.2	1.4	2.3	3.2	Total
Stratum Dates:	6/17 - 6/27								
Sample Dates:	6/28								
Sample Size:	632								
Female	Percent of Sample	0.0	1.7	41.0	0.6	0.8	4.7	0.0	48.8
	Number in Catch	0	142	3,417	50	67	392	0	4,068
Male	Percent of Sample	0.0	4.9	40.2	1.3	0.3	4.3	0.2	51.2
	Number in Catch	0	408	3,350	108	25	358	17	4,266
Total	Percent of Sample	0.0	6.6	81.2	1.9	1.1	9.0	0.2	100.0
	Number in Catch	0	550	6,767	158	92	750	17	8,334
	Standard Error	0	82	130	45	35	95	15	
Stratum Dates:	7/01 - 8/09								
Sample Dates:	7/06								
Sample Size:	545								
Female	Percent of Sample	0.2	0.9	46.4	2.2	0.0	3.1	0.0	52.8
	Number in Catch	38	173	8,909	422	0	595	0	10,137
Male	Percent of Sample	0.0	4.2	37.1	2.8	0.2	2.9	0.0	47.2
	Number in Catch	0	806	7,122	538	38	557	0	9,061
Total	Percent of Sample	0.2	5.1	83.5	5.0	0.2	6.0	0.0	100.0
	Number in Catch	38	979	16,031	960	38	1,152	0	19,198
	Standard Error	37	181	306	179	37	195	0	

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		Brood Year and Age Group							
		1981		1980		1979			
		0.3	1.2	1.3	2.2	1.4	2.3	3.2	Total
Strata Combined:	6/17 - 8/09								
Sample Dates:	6/28 and 7/06								
Sample Size:	1,177								
Female	Percent of Sample	0.1	1.2	44.8	1.7	0.2	3.6	0.0	51.6
	Number in Catch	38	315	12,326	472	67	987	0	14,205
Male	Percent of Sample	0.0	4.4	38.0	2.4	0.2	3.3	0.1	48.4
	Number in Catch	0	1,214	10,472	646	63	915	17	13,327
Total	Percent of Sample	0.1	5.6	82.8	4.1	0.4	6.9	0.1	100.0
	Number in Catch	38	1,529	22,798	1,118	130	1,902	17	27,532
	Standard Error	37	199	332	185	50	217	15	

[a]Based on catch data from final fish ticket summaries and age and sex composition data from a systematic stratified catch sampling program.

Appendix E.64. Temporally stratified age and sex composition of sockeye salmon in the commercial catches from the drift gill net fishery in the Coghill District, Prince William Sound, 1985.[a]

		Brood Year and Age Group											
		1982	1981			1980		1979			1978		
		1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Stratum Dates:	6/17 - 6/20												
Sample Dates:	6/21												
Sample Size:	562												
Female	Percent of Sample	0.0	0.0	1.4	0.0	48.8	0.4	0.2	4.2	0.0	0.0	0.5	55.5
	Number in Catch	0	0	291	0	10,129	83	42	872	0	0	104	11,521
Male	Percent of Sample	0.0	0.0	5.5	0.0	34.2	1.4	0.2	3.2	0.0	0.0	0.0	44.5
	Number in Catch	0	0	1,141	0	7,099	291	42	664	0	0	0	9,237
Total	Percent of Sample	0.0	0.0	6.9	0.0	83.0	1.8	0.4	7.4	0.0	0.0	0.5	100.0
	Number in Catch	0	0	1,432	0	17,228	374	84	1,536	0	0	104	20,758
	Standard Error	0	0	222	0	329	117	55	229	0	0	62	
Stratum Dates:	6/24 - 6/27												
Sample Dates:	6/28												
Sample Size:	560												
Female	Percent of Sample	0.0	0.4	3.8	0.0	46.5	1.1	0.0	3.4	0.0	0.0	0.2	55.4
	Number in Catch	0	286	2,719	0	33,264	787	0	2,432	0	0	143	39,631
Male	Percent of Sample	0.0	0.0	5.3	0.0	34.1	2.3	0.2	2.7	0.0	0.0	0.0	44.6
	Number in Catch	0	0	3,791	0	24,393	1,645	143	1,932	0	0	0	31,904
Total	Percent of Sample	0.0	0.4	9.1	0.0	80.6	3.4	0.2	6.1	0.0	0.0	0.2	100.0
	Number in Catch	0	286	6,510	0	57,657	2,432	143	4,364	0	0	143	71,535
	Standard Error	0	191	870	0	1,196	548	135	724	0	0	135	
Stratum Dates:	7/01 - 7/06												
Sample Dates:	7/02												
Sample Size:	585												
Female	Percent of Sample	0.0	0.0	3.3	0.0	45.7	3.6	0.2	1.7	0.0	0.0	0.2	54.7
	Number in Catch	0	0	4,482	0	62,062	4,889	272	2,308	0	0	272	74,285
Male	Percent of Sample	0.0	0.2	7.1	0.0	32.5	3.3	0.0	2.2	0.0	0.0	0.0	45.3
	Number in Catch	0	272	9,642	0	44,136	4,481	0	2,988	0	0	0	61,519
Total	Percent of Sample	0.0	0.2	10.4	0.0	78.2	6.9	0.2	3.9	0.0	0.0	0.2	100.0
	Number in Catch	0	272	14,124	0	106,198	9,370	272	5,296	0	0	272	135,804
	Standard Error	0	251	1,715	0	2,320	1,424	251	1,088	0	0	251	

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		Brood Year and Age Group											
		1982	1981			1980		1979			1978		
		1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Stratum Dates:	7/07 - 7/13												
Sample Dates:	7/10												
Sample Size:	509												
Female	Percent of Sample	0.0	0.0	2.4	0.0	43.3	3.5	0.0	2.2	0.0	0.0	0.4	51.8
	Number in Catch	0	0	1,795	0	32,384	2,617	0	1,645	0	0	299	38,740
Male	Percent of Sample	0.2	0.0	4.9	0.2	36.0	4.5	0.4	1.6	0.2	0.0	0.2	48.2
	Number in Catch	150	0	3,665	150	26,923	3,366	299	1,197	150	0	150	36,050
Total	Percent of Sample	0.2	0.0	7.3	0.2	79.3	8.0	0.4	3.8	0.2	0.0	0.6	100.0
	Number in Catch	150	0	5,460	150	59,307	5,983	299	2,842	150	0	449	74,790
	Standard Error	148	0	863	148	1,344	900	209	634	148	0	256	
Stratum Dates:	7/14 - 8/16												
Sample Dates:	7/17												
Sample Size:	239												
Female	Percent of Sample	0.0	0.0	2.1	0.0	35.7	3.3	0.0	3.3	0.0	0.4	0.4	45.2
	Number in Catch	0	0	765	0	12,998	1,201	0	1,201	0	146	146	16,457
Male	Percent of Sample	0.0	0.4	7.9	0.0	39.7	3.8	0.0	3.0	0.0	0.0	0.0	54.8
	Number in Catch	0	146	2,876	0	14,454	1,384	0	1,092	0	0	0	19,952
Total	Percent of Sample	0.0	0.4	10.0	0.0	75.4	7.1	0.0	6.3	0.0	0.4	0.4	100.0
	Number in Catch	0	146	3,641	0	27,452	2,585	0	2,293	0	146	146	36,409
	Standard Error	0	149	708	0	1,016	606	0	573	0	149	149	
Strata Combined:	6/17 - 8/16												
Sample Dates:	6/21 - 7/17												
Sample Size:	2,455												
Female	Percent of Sample	0.0	0.1	3.0	0.0	44.5	2.8	0.1	2.5	0.0	0.0	0.3	53.2
	Number in Catch	0	286	10,052	0	150,837	9,577	314	8,458	0	146	964	180,634
Male	Percent of Sample	0.0	0.1	6.2	0.0	34.5	3.3	0.1	2.3	0.0	0.0	0.0	46.8
	Number in Catch	150	418	21,115	150	117,005	11,167	484	7,873	150	0	150	158,662
Total	Percent of Sample	0.0	0.2	9.2	0.0	79.0	6.1	0.2	4.8	0.0	0.0	0.3	100.0
	Number in Catch	150	704	31,167	150	267,842	20,744	798	16,331	150	146	1,114	339,296
	Standard Error	148	349	2,235	148	3,125	1,876	358	1,579	148	149	416	

[a]Based on catch data from final fish ticket summaries and age and sex composition data from a systematic, stratified sampling program.

Appendix E.65. Temporally stratified age and sex composition of sockeye salmon in the commercial catches in the general purse seine districts, Prince William Sound, 1985.[a]

		Brood Year and Age Group													
		1983	1982		1981			1980			1979			1978	
		0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	3.3	Total
Stratum Dates:	7/01 - 7/13														
Sample Dates:	7/10 - 7/12														
Sample Size:	262														
Female	Percent of Sample	0.0	0.0	0.0	0.4	11.0	0.0	24.0	6.5	0.0	0.0	2.7	0.0	0.0	44.6
	Number in Catch	0	0	0	83	2,269	0	4,950	1,341	0	0	557	0	0	9,200
Male	Percent of Sample	0.0	0.0	0.4	0.0	16.8	0.4	29.4	5.0	0.0	0.0	3.0	0.0	0.4	55.4
	Number in Catch	0	0	83	0	3,466	83	6,065	1,031	0	0	619	0	83	11,430
Total	Percent of Sample	0.0	0.0	0.4	0.4	27.8	0.4	53.4	11.5	0.0	0.0	5.7	0.0	0.4	100.0
	Number in Catch	0	0	83	83	5,735	83	11,015	2,372	0	0	1,176	0	83	20,630
	Standard Error	0	0	56	56	400	56	445	285	0	0	207	0	56	
Stratum Dates:	7/14 - 7/19														
Sample Dates:	7/18 - 7/20														
Sample Size:	519														
Female	Percent of Sample	0.0	0.0	0.0	0.0	12.8	0.2	22.2	3.5	0.0	0.0	1.7	0.2	0.0	40.6
	Number in Catch	0	0	0	0	2,640	41	4,579	722	0	0	351	41	0	8,374
Male	Percent of Sample	0.2	0.0	0.8	0.0	20.1	0.2	32.5	4.2	0.0	0.0	1.4	0.0	0.0	59.4
	Number in Catch	41	0	165	0	4,146	41	6,703	866	0	0	289	0	0	12,251
Total	Percent of Sample	0.2	0.0	0.8	0.0	32.9	0.4	54.7	7.7	0.0	0.0	3.1	0.2	0.0	100.0
	Number in Catch	41	0	165	0	6,786	82	11,282	1,588	0	0	640	41	0	20,625
	Standard Error	40	0	80	0	419	56	444	238	0	0	155	40	0	
Stratum Dates:	7/22 - 7/26														
Sample Dates:	7/23 - 7/26														
Sample Size:	484														
Female	Percent of Sample	0.0	0.0	0.2	0.2	13.5	0.0	21.1	11.0	0.0	0.0	3.3	0.2	0.0	49.5
	Number in Catch	0	0	44	44	2,939	0	4,593	2,394	0	0	718	44	0	10,776
Male	Percent of Sample	0.0	0.4	1.2	0.4	11.6	0.6	26.1	7.1	0.0	0.4	2.7	0.0	0.0	50.5
	Number in Catch	0	87	261	87	2,525	131	5,682	1,546	0	87	588	0	0	10,994
Total	Percent of Sample	0.0	0.4	1.4	0.6	25.1	0.6	47.2	18.1	0.0	0.4	6.0	0.2	0.0	100.0
	Number in Catch	0	87	305	131	5,464	131	10,275	3,940	0	87	1,306	44	0	21,770
	Standard Error	0	59	111	73	408	73	470	363	0	59	224	42	0	

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		Brood Year and Age Group													
		1983	1982		1981			1980			1979			1978	
		0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	3.3	Total
Stratum Dates:	7/29 - 8/09														
Sample Dates:	8/01 - 8/09														
Sample Size:	344														
Female	Percent of Sample	0.0	0.0	0.0	0.0	13.1	0.3	9.3	22.3	0.0	0.0	2.6	0.0	0.0	47.6
	Number in Catch	0	0	0	0	4,971	114	3,529	8,461	0	0	987	0	0	18,062
Male	Percent of Sample	0.0	0.0	0.6	0.0	12.2	0.3	12.2	23.3	0.0	0.0	3.8	0.0	0.0	52.4
	Number in Catch	0	0	228	0	4,629	114	4,629	8,841	0	0	1,442	0	0	19,883
Total	Percent of Sample	0.0	0.0	0.6	0.0	25.3	0.6	21.5	45.6	0.0	0.0	6.4	0.0	0.0	100.0
	Number in Catch	0	0	228	0	9,600	228	8,158	17,302	0	0	2,429	0	0	37,945
	Standard Error	0	0	127	0	714	127	675	818	0	0	402	0	0	
Stratum Dates:	8/12 - 8/16														
Sample Dates:	8/13 - 8/17														
Sample Size:	527														
Female	Percent of Sample	0.0	0.0	0.0	0.0	13.5	0.0	4.8	30.9	0.2	0.0	0.4	0.6	0.0	50.4
	Number in Catch	0	0	0	0	2,246	0	799	5,142	33	0	67	100	0	8,387
Male	Percent of Sample	0.0	0.0	0.4	0.0	12.8	0.0	7.1	28.2	0.0	0.0	1.1	0.0	0.0	49.6
	Number in Catch	0	0	67	0	2,130	0	1,181	4,693	0	0	183	0	0	8,254
Total	Percent of Sample	0.0	0.0	0.4	0.0	26.3	0.0	11.9	59.1	0.2	0.0	1.5	0.6	0.0	100.0
	Number in Catch	0	0	67	0	4,376	0	1,980	9,835	33	0	250	100	0	16,641
	Standard Error	0	0	45	0	317	0	233	354	32	0	88	56	0	
Stratum Dates:	8/19 - 8/30														
Sample Dates:	8/20 - 8/21														
Sample Size:	535														
Female	Percent of Sample	0.0	0.0	0.2	0.0	18.9	0.0	3.4	28.2	0.0	0.0	0.0	0.0	0.0	50.7
	Number in Catch	0	0	15	0	1,404	0	253	2,095	0	0	0	0	0	3,767
Male	Percent of Sample	0.0	0.0	0.7	0.0	13.1	0.2	6.3	28.4	0.2	0.0	0.4	0.0	0.0	49.3
	Number in Catch	0	0	52	0	973	15	468	2,110	15	0	30	0	0	3,663
Total	Percent of Sample	0.0	0.0	0.9	0.0	32.0	0.2	9.7	56.6	0.2	0.0	0.4	0.0	0.0	100.0
	Number in Catch	0	0	67	0	2,377	15	721	4,205	15	0	30	0	0	7,430
	Standard Error	0	0	30	0	150	14	95	159	14	0	20	0	0	

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		Brood Year and Age Group													
		1983	1982		1981			1980			1979			1978	
		0.1	0.2	1.1	0.3	1.2	2.1	1.3	2.2	3.1	1.4	2.3	3.2	3.3	Total
Strata Combined:	7/01 - 8/30														
Sample Dates:	7/11 - 8/21														
Sample Size:	2,671														
Female	Percent of Catch	0.0	0.0	0.0	0.1	13.2	0.1	15.0	16.1	0.0	0.0	2.1	0.1	0.0	46.8
	Number in Catch	0	0	59	127	16,469	155	18,703	20,155	33	0	2,680	185	0	58,566
Male	Percent of Catch	0.0	0.1	0.7	0.1	14.3	0.3	19.8	15.3	0.0	0.1	2.5	0.0	0.1	53.2
	Number in Catch	41	87	856	87	17,869	384	24,728	19,087	15	87	3,151	0	83	66,475
Total	Percent of Catch	0.0	0.1	0.7	0.2	27.5	0.4	34.8	31.4	0.0	0.1	4.6	0.1	0.1	100.0
	Number in Catch	41	87	915	214	34,338	539	43,431	39,242	48	87	5,831	185	83	125,041
	Standard Error	40	63	234	111	1,269	202	1,275	1,250	35	63	654	82	81	

[a]Based on catch data from final fish ticket summaries and age and sex composition data from a systematic, temporally stratified catch sampling program.

Appendix E.66. Estimated age and sex composition of the coho salmon in the commercial catches from the purse seine fisheries in Prince William Sound, 1985.

		Brood Year and Age Group					
		1982	1981		1980		
		1.1	1.2	2.1	2.2	3.1	Total
Strata Dates:	7/01 - 8/30						
Sample Dates:	7/26 - 8/23						
Sample Size:	344						
Female	Percent of Sample	16.9	0.0	16.0	0.6	0.6	34.1
	Number in Catch	2,779	0	2,630	99	99	5,607
Male	Percent of Sample	34.1	0.9	29.7	0.6	0.6	65.9
	Number in Catch	5,606	148	4,882	99	99	10,834
Total	Percent of Sample	51.0	0.9	45.7	1.2	1.2	100.0
	Number in Catch	8,385	148	7,512	198	198	16,441
	Standard Error	444	84	442	97	97	

Appendix E.67. Temporally stratified age and sex composition of chum salmon in the commercial catches in the Eastern District purse seine fishery, Prince William Sound, 1985.[a]

		Brood Year and Age Group					
		1983	1982	1981	1980	1979	
		0.1	0.2	0.3	0.4	0.5	Total
Stratum Dates:	7/01 - 7/02						
Sample Dates:	7/02						
Sample Size:	416						
Female	Percent of Sample	0.0	0.2	19.7	24.6	1.0	45.5
	Number in Catch	0	100	9,839	12,286	499	22,724
Male	Percent of Sample	0.0	0.2	19.2	33.9	1.2	54.5
	Number in Catch	0	100	9,589	16,931	600	27,220
Total	Percent of Sample	0.0	0.4	38.9	58.5	2.2	100.0
	Number in Catch	0	200	19,428	29,217	1,099	49,944
	Standard Error	0	155	1,195	1,208	360	
Stratum Dates:	7/10 - 7/12						
Sample Dates:	7/11						
Sample Size:	389						
Female	Percent of Sample	0.0	0.3	31.9	12.3	0.0	44.5
	Number in Catch	0	244	25,934	10,000	0	36,178
Male	Percent of Sample	0.0	1.5	37.3	15.9	0.8	55.5
	Number in Catch	0	1,219	30,325	12,927	650	45,121
Total	Percent of Sample	0.0	1.8	69.2	28.2	0.8	100.0
	Number in Catch	0	1,463	56,259	22,927	650	81,299
	Standard Error	0	549	1,905	1,857	368	
Stratum Dates:	7/15 - 7/19						
Sample Dates:	7/16						
Sample Size:	435						
Female	Percent of Sample	0.2	2.8	33.1	12.0	0.0	48.1
	Number in Catch	134	1,875	22,170	8,038	0	32,217
Male	Percent of Sample	0.7	1.8	40.2	9.2	0.0	51.9
	Number in Catch	469	1,206	26,926	6,162	0	34,763
Total	Percent of Sample	0.9	4.6	73.3	21.2	0.0	100.0
	Number in Catch	603	3,081	49,096	14,200	0	66,980
	Standard Error	304	674	1,422	1,314	0	
Stratum Dates:	7/22 - 7/26						
Sample Dates:	7/23						
Sample Size:	361						
Female	Percent of Sample	0.0	5.3	37.4	7.2	0.0	49.9
	Number in Catch	0	2,622	18,503	3,562	0	24,687
Male	Percent of Sample	0.0	2.5	39.8	7.8	0.0	50.1
	Number in Catch	0	1,237	19,690	3,859	0	24,786
Total	Percent of Sample	0.0	7.8	77.2	15.0	0.0	100.0
	Number in Catch	0	3,859	38,193	7,421	0	49,473
	Standard Error	0	699	1,094	931	0	

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		Brood Year and Age Group					
		1983	1982	1981	1980	1979	
		0.1	0.2	0.3	0.4	0.5	Total
Stratum Dates:	7/29 - 8/02						
Sample Dates:	7/30						
Sample Size:	486						
Female	Percent of Sample	0.0	5.0	32.4	4.5	0.2	42.1
	Number in Catch	0	2,859	18,528	2,573	114	24,074
Male	Percent of Sample	0.2	4.5	45.3	7.9	0.0	57.9
	Number in Catch	114	2,573	25,905	4,518	0	33,110
Total	Percent of Sample	0.2	9.5	77.7	12.4	0.2	100.0
	Number in Catch	114	5,432	44,433	7,091	114	57,184
	Standard Error	116	761	1,081	856	116	
Stratum Dates:	8/05 - 8/09						
Sample Dates:	8/06						
Sample Size:	398						
Female	Percent of Sample	0.0	10.1	46.0	3.5	0.0	59.6
	Number in Catch	0	12,100	55,108	4,193	0	71,401
Male	Percent of Sample	0.3	5.8	30.8	3.5	0.0	40.4
	Number in Catch	359	6,948	36,898	4,193	0	48,398
Total	Percent of Sample	0.3	15.9	76.8	7.0	0.0	100.0
	Number in Catch	359	19,048	92,006	8,386	0	119,799
	Standard Error	329	2,199	2,538	1,534	0	
Stratum Dates:	8/12 - 8/16						
Sample Dates:	8/13						
Sample Size:	413						
Female	Percent of Sample	0.0	4.4	54.3	3.1	0.0	61.8
	Number in Catch	0	4,698	57,972	3,310	0	65,980
Male	Percent of Sample	0.0	1.7	33.4	3.1	0.0	38.2
	Number in Catch	0	1,815	35,660	3,310	0	40,785
Total	Percent of Sample	0.0	6.1	87.7	6.2	0.0	100.0
	Number in Catch	0	6,513	93,632	6,620	0	106,765
	Standard Error	0	1,259	1,728	1,268	0	
Stratum Dates:	8/19 - 8/21						
Sample Dates:	8/20						
Sample Size:	190						
Female	Percent of Sample	0.0	9.0	55.1	1.6	0.0	65.7
	Number in Catch	0	2,328	14,252	414	0	16,994
Male	Percent of Sample	0.5	4.2	25.9	3.2	0.5	34.3
	Number in Catch	129	1,086	6,700	828	129	8,872
Total	Percent of Sample	0.5	13.2	81.0	4.8	0.5	100.0
	Number in Catch	129	3,414	20,952	1,242	129	25,866
	Standard Error	133	637	738	402	133	

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		Brood Year and Age Group					
		1983	1982	1981	1980	1979	
		0.1	0.2	0.3	0.4	0.5	Total
Strata Combined:	7/01 - 8/21						
Sample Dates:	7/02 - 8/20						
Sample Size:	3,088						
Female	Percent of Catch	0.0	4.8	39.9	8.0	0.1	52.8
	Number in Catch	134	26,826	222,306	44,376	613	294,255
Male	Percent of Catch	0.2	2.9	34.4	9.4	0.3	47.2
	Number in Catch	1,071	16,184	191,693	52,728	1,379	263,055
Total	Percent of Catch	0.2	7.7	74.3	17.4	0.4	100.0
	Number in Catch	1,205	43,010	413,999	97,104	1,992	557,310
	Standard Error	481	2,945	4,407	3,515	544	

[a]Based on catch data from final fish ticket summaries and age and sex composition data from a systematic, temporally stratified catch sampling program.

Appendix E.68. Temporally stratified age and sex composition of chum salmon in the commercial catches in the Northern District purse seine fishery, Prince William Sound, 1985.[a]

		Brood Year and Age Group				
		1982	1981	1980	1979	
		0.2	0.3	0.4	0.5	Total
Stratum Dates:	7/10 - 7/12					
Sample Dates:	7/11					
Sample Size:	407					
Female	Percent of Sample	2.5	35.9	17.9	1.2	57.5
	Number in Catch	1,566	22,491	11,214	751	36,022
Male	Percent of Sample	1.5	30.2	10.1	0.7	42.5
	Number in Catch	940	18,920	6,328	439	26,627
Total	Percent of Sample	4.0	66.1	28.0	1.9	100.0
	Number in Catch	2,506	41,411	17,542	1,190	62,649
	Standard Error	621	1,500	1,423	433	
Stratum Dates:	7/15 - 7/19					
Sample Dates:	7/19					
Sample Size:	412					
Female	Percent of Sample	0.2	22.1	8.5	0.0	30.8
	Number in Catch	52	5,724	2,202	0	7,978
Male	Percent of Sample	1.5	48.3	18.9	0.5	69.2
	Number in Catch	388	12,510	4,895	130	17,923
Total	Percent of Sample	1.7	70.4	27.4	0.5	100.0
	Number in Catch	440	18,234	7,097	130	25,901
	Standard Error	169	598	584	92	
Stratum Dates:	7/22 - 8/02					
Sample Dates:	8/03					
Sample Size:	390					
Female	Percent of Sample	4.6	34.9	12.3	0.0	51.8
	Number in Catch	1,734	13,159	4,638	0	19,531
Male	Percent of Sample	3.3	33.9	11.0	0.0	48.2
	Number in Catch	1,244	12,782	4,147	0	18,173
Total	Percent of Sample	7.9	68.8	23.3	0.0	100.0
	Number in Catch	2,978	25,941	8,785	0	37,704
	Standard Error	514	883	806	0	
Stratum Dates:	8/05 - 8/16					
Sample Dates:	8/07 - 8/16					
Sample Size:	392					
Female	Percent of Sample	4.3	48.7	12.0	0.5	65.5
	Number in Catch	1,258	14,249	3,511	146	19,164
Male	Percent of Sample	3.1	21.7	9.7	0.0	34.5
	Number in Catch	907	6,349	2,838	0	10,094
Total	Percent of Sample	7.4	70.4	21.7	0.5	100.0
	Number in Catch	2,165	20,598	6,349	146	29,258
	Standard Error	387	675	610	104	

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		Brood Year and Age Group				
		1982	1981	1980	1979	
		0.2	0.3	0.4	0.5	Total
Strata Combined:	7/10 - 8/16					
Sample Dates:	7/11 - 8/16					
Sample Size:	1,601					
Female	Percent of Sample	3.0	35.8	13.9	0.5	53.2
	Number in Catch	4,610	55,623	21,565	897	82,695
Male	Percent of Sample	2.2	32.5	11.7	0.4	46.8
	Number in Catch	3,479	50,561	18,208	569	72,817
Total	Percent of Sample	5.2	68.3	25.6	0.9	100.0
	Number in Catch	8,089	106,184	39,773	1,466	155,512
	Standard Error	902	1,936	1,816	446	

[a]Based on catch data from final fish ticket summaries and age and sex composition data from a systematic, temporally stratified catch sampling program.

Appendix E.69. Temporally stratified age and sex composition of chum salmon in the commercial catches in the Coghill District drift gill net fishery, Prince William Sound, 1985.[a]

		Brood Year and Age Group					
		1983	1982	1981	1980	1979	
		0.1	0.2	0.3	0.4	0.5	Total
Stratum Dates:	6/17 - 6/27						
Sample Dates:	6/26 - 6/28						
Sample Size:	390						
Female	Percent of Sample	0.0	1.8	37.5	15.1	0.5	54.9
	Number in Catch	0	970	20,196	8,132	269	29,567
Male	Percent of Sample	0.0	0.5	23.8	20.8	0.0	45.1
	Number in Catch	0	269	12,817	11,202	0	24,288
Total	Percent of Sample	0.0	2.3	61.3	35.9	0.5	100.0
	Number in Catch	0	1,239	33,013	19,334	269	53,855
	Standard Error	0	409	1,330	1,310	193	
Stratum Dates:	7/01 - 7/13						
Sample Dates:	7/10						
Sample Size:	383						
Female	Percent of Sample	0.0	1.0	31.1	8.9	0.3	41.3
	Number in Catch	0	1,178	36,621	10,480	353	48,632
Male	Percent of Sample	0.3	2.6	44.1	11.7	0.0	58.7
	Number in Catch	353	3,062	51,929	13,777	0	69,121
Total	Percent of Sample	0.3	3.6	75.2	20.6	0.3	100.0
	Number in Catch	353	4,240	88,550	24,257	353	117,753
	Standard Error	329	1,122	2,602	2,437	329	
Stratum Dates:	7/14 - 8/16						
Sample Dates:	7/24 - 7/25						
Sample Size:	393						
Female	Percent of Sample	0.0	0.8	34.1	6.1	0.3	41.3
	Number in Catch	0	602	25,649	4,588	226	31,065
Male	Percent of Sample	0.0	2.3	41.6	14.8	0.0	58.7
	Number in Catch	0	1,730	31,289	11,132	0	44,151
Total	Percent of Sample	0.0	3.1	75.7	20.9	0.3	100.0
	Number in Catch	0	2,332	56,938	15,720	226	75,216
	Standard Error	0	658	1,629	1,545	208	
Strata Combined:	6/17 - 8/16						
Sample Dates:	6/26 - 7/24						
Sample Size:	1,166						
Female	Percent of Catch	0.0	1.1	33.4	9.4	0.4	44.3
	Number in Catch	0	2,750	82,466	23,200	848	109,264
Male	Percent of Catch	0.1	2.1	38.9	14.6	0.0	55.7
	Number in Catch	353	5,061	96,035	36,111	0	137,560
Total	Percent of Catch	0.1	3.2	72.3	24.0	0.4	100.0
	Number in Catch	353	7,811	178,501	59,311	848	246,824
	Standard Error	329	1,364	3,346	3,168	435	

[a]Based on daily catch data from final fish ticket summaries and age and sex composition data from a systematic, temporally stratified catch sampling program.

Appendix E.70. Temporally stratified age and sex composition of chum salmon in the commercial catches in the Northwestern District purse seine fishery, Prince William Sound, 1985.[a]

		Brood Year and Age Group					
		1983	1982	1981	1980	1979	
		0.1	0.2	0.3	0.4	0.5	Total
Stratum Dates:	7/15 - 7/19						
Sample Dates:	7/17						
Sample Size:	402						
Female	Percent of Sample	0.0	1.2	33.6	10.2	0.2	45.2
	Number in Catch	0	488	13,666	4,149	81	18,384
Male	Percent of Sample	0.0	0.5	40.9	12.4	1.0	54.8
	Number in Catch	0	203	16,635	5,043	407	22,288
Total	Percent of Sample	0.0	1.7	74.5	22.6	1.2	100.0
	Number in Catch	0	691	30,301	9,192	488	40,672
	Standard Error	0	263	885	849	221	
Stratum Dates:	7/22 - 7/26						
Sample Dates:	7/23						
Sample Size:	402						
Female	Percent of Sample	0.0	0.7	39.8	3.2	0.2	43.9
	Number in Catch	0	152	8,622	693	43	9,510
Male	Percent of Sample	0.0	0.5	49.3	6.3	0.0	56.1
	Number in Catch	0	108	10,679	1,365	0	12,152
Total	Percent of Sample	0.0	1.2	89.1	9.5	0.2	100.0
	Number in Catch	0	260	19,301	2,058	43	21,662
	Standard Error	0	118	337	317	48	
Stratum Dates:	7/29 - 8/02						
Sample Dates:	8/03						
Sample Size:	377						
Female	Percent of Sample	0.3	3.7	56.0	5.8	0.5	66.3
	Number in Catch	31	383	5,792	600	52	6,858
Male	Percent of Sample	0.0	2.9	28.1	2.7	0.0	33.7
	Number in Catch	0	300	2,907	279	0	3,486
Total	Percent of Sample	0.3	6.6	84.1	8.5	0.5	100.0
	Number in Catch	31	683	8,699	879	52	10,344
	Standard Error	29	132	195	149	38	
Stratum Dates:	8/05 - 8/16						
Sample Dates:	8/06						
Sample Size:	415						
Female	Percent of Sample	0.0	4.6	53.3	4.6	0.5	63.0
	Number in Catch	0	257	2,979	257	28	3,521
Male	Percent of Sample	0.0	2.1	29.6	4.8	0.5	37.0
	Number in Catch	0	118	1,655	268	28	2,069
Total	Percent of Sample	0.0	6.7	82.9	9.4	1.0	100.0
	Number in Catch	0	375	4,634	525	56	5,590
	Standard Error	0	69	103	80	27	

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		Brood Year and Age Group					
		1983	1982	1981	1980	1979	
		0.1	0.2	0.3	0.4	0.5	Total
Strata Combined:	7/15 - 8/16						
Sample Dates:	7/17 - 8/08						
Sample Size:	1,596						
Female	Percent of Catch	0.0	1.6	39.7	7.3	0.3	48.9
	Number in Catch	31	1,280	31,059	5,699	204	38,273
Male	Percent of Catch	0.0	1.0	40.7	8.9	0.5	51.1
	Number in Catch	0	729	31,876	6,955	435	39,995
Total	Percent of Catch	0.0	2.6	80.4	16.2	0.8	100.0
	Number in Catch	31	2,009	62,935	12,654	639	78,268
	Standard Error	29	324	973	922	231	

[a]Based on catch data from final fish ticket summaries and age and sex composition data from a systematic, temporally stratified catch sampling program.

Appendix E.71. Temporally stratified age and sex composition of chum salmon in the commercial catches in the Southwestern District purse seine fishery, Prince William Sound, 1985.[a]

		Brood Year and Age Group				
		1982	1981	1980	1979	
		0.2	0.3	0.4	0.5	Total
Stratum Dates:	7/15 - 7/19					
Sample Dates:	7/16 - 7/19					
Sample Size:	384					
Female	Percent of Sample	1.8	38.2	11.5	0.3	51.8
	Number in Catch	331	7,028	2,116	55	9,530
Male	Percent of Sample	0.8	28.4	18.2	0.8	48.2
	Number in Catch	147	5,226	3,349	147	8,869
Total	Percent of Sample	2.6	66.7	29.7	1.0	100.0
	Number in Catch	478	12,274	5,465	182	18,399
	Standard Error	150	443	430	94	
Stratum Dates:	7/22 - 7/26					
Sample Dates:	7/22					
Sample Size:	367					
Female	Percent of Sample	2.5	34.3	6.0	0.3	43.1
	Number in Catch	712	9,773	1,710	85	12,280
Male	Percent of Sample	3.0	41.7	11.7	0.5	56.9
	Number in Catch	855	11,882	3,334	142	16,213
Total	Percent of Sample	5.5	76.0	17.7	0.8	100.0
	Number in Catch	1,567	21,655	5,044	227	28,493
	Standard Error	340	636	568	133	
Stratum Dates:	7/29 - 8/02					
Sample Dates:	7/30 - 8/01					
Sample Size:	387					
Female	Percent of Sample	3.9	40.7	7.8	0.0	52.4
	Number in Catch	1,283	13,390	2,566	0	17,239
Male	Percent of Sample	3.4	33.3	10.9	0.0	47.6
	Number in Catch	1,119	10,956	3,586	0	15,661
Total	Percent of Sample	7.3	74.0	18.7	0.0	100.0
	Number in Catch	2,402	24,346	6,152	0	32,900
	Standard Error	436	735	653	0	
Stratum Dates:	8/05 - 8/09					
Sample Dates:	8/07 - 8/08					
Sample Size:	373					
Female	Percent of Sample	1.9	41.0	1.9	0.0	44.8
	Number in Catch	490	10,575	490	0	11,555
Male	Percent of Sample	3.7	47.2	4.3	0.0	55.2
	Number in Catch	954	12,174	1,109	0	14,237
Total	Percent of Sample	5.6	88.2	6.2	0.0	100.0
	Number in Catch	1,444	22,749	1,599	0	25,792
	Standard Error	307	431	322	0	

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		Brood Year and Age Group				
		1982	1981	1980	1979	
		0.2	0.3	0.4	0.5	Total
Stratum Dates:	8/12 - 8/30					
Sample Dates:	8/10 - 8/13					
Sample Size:	657					
Female	Percent of Sample	3.9	54.3	3.7	0.2	62.1
	Number in Catch	1,815	25,276	1,722	93	28,908
Male	Percent of Sample	2.0	34.1	1.8	0.0	37.9
	Number in Catch	931	15,874	838	0	17,642
Total	Percent of Sample	5.9	88.4	5.5	0.2	100.0
	Number in Catch	2,746	41,150	2,560	93	46,550
	Standard Error	428	582	414	81	
Strata Combined:	7/15 - 8/30					
Sample Dates:	7/16 - 8/13					
Sample Size:	2,168					
Female	Percent of Catch	3.0	43.4	5.7	0.2	52.3
	Number in Catch	4,631	66,042	8,604	233	79,511
Male	Percent of Catch	2.6	36.9	8.0	0.2	47.7
	Number in Catch	4,006	56,112	12,216	289	72,622
Total	Percent of Catch	5.6	80.3	13.7	0.4	100.0
	Number in Catch	8,637	122,174	20,820	502	152,134
	Standard Error	778	1,290	1,100	181	

[a]Based on catch data from final fish ticket summaries and age and sex composition data from a systematic, temporally stratified catch sampling program.

Appendix E.72. Temporally stratified age and sex composition of chum salmon in the commercial catches in the Southeastern District purse seine fishery, Prince William Sound, 1985.[a]

		Brood Year and Age Group				
		1982	1981	1980	1979	
		0.2	0.3	0.4	0.5	Total
Stratum Dates:	7/10 - 7/12					
Sample Dates:	7/11					
Sample Size:	443					
Female	Percent of Sample	1.1	39.3	12.9	0.7	54.0
	Number in Catch	159	5,683	1,865	101	7,808
Male	Percent of Sample	0.2	34.1	11.5	0.2	46.0
	Number in Catch	29	4,931	1,663	29	6,652
Total	Percent of Sample	1.3	73.4	24.4	0.9	100.0
	Number in Catch	188	10,614	3,528	130	14,460
	Standard Error	78	304	295	65	
Stratum Dates:	7/15 - 7/19					
Sample Dates:	7/16 - 7/17					
Sample Size:	376					
Female	Percent of Sample	1.1	26.4	10.9	1.1	39.5
	Number in Catch	138	3,310	1,367	138	4,953
Male	Percent of Sample	1.3	38.8	19.9	0.5	60.5
	Number in Catch	163	4,864	2,494	63	7,584
Total	Percent of Sample	2.4	65.2	30.8	1.6	100.0
	Number in Catch	301	8,174	3,861	201	12,537
	Standard Error	99	308	299	81	
Stratum Dates:	7/22 - 7/26					
Sample Dates:	7/23					
Sample Size:	413					
Female	Percent of Sample	2.4	30.1	9.2	0.2	41.9
	Number in Catch	250	3,135	958	21	4,364
Male	Percent of Sample	0.5	37.5	19.9	0.2	58.1
	Number in Catch	52	3,905	2,072	21	6,050
Total	Percent of Sample	2.9	67.6	29.1	0.4	100.0
	Number in Catch	302	7,040	3,030	42	10,414
	Standard Error	86	240	233	32	
Stratum Dates:	7/29 - 8/02					
Sample Dates:	7/30					
Sample Size:	387					
Female	Percent of Sample	4.7	36.4	6.2	0.3	47.6
	Number in Catch	404	3,131	533	26	4,094
Male	Percent of Sample	5.4	35.1	11.9	0.0	52.4
	Number in Catch	465	3,019	1,024	0	4,508
Total	Percent of Sample	10.1	71.5	18.1	0.3	100.0
	Number in Catch	869	6,150	1,557	26	8,602
	Standard Error	132	198	169	24	

-Continued-

Appendix E.72. (page 2 of 2)

		Brood Year and Age Group				
		1982	1981	1980	1979	
		0.2	0.3	0.4	0.5	Total
Stratum Dates:	8/05 - 8/09					
Sample Dates:	8/06 - 8/10					
Sample Size:	375					
Female	Percent of Sample	2.1	39.8	4.5	0.0	46.4
	Number in Catch	118	2,245	254	0	2,617
Male	Percent of Sample	2.9	41.3	9.4	0.0	53.6
	Number in Catch	164	2,330	530	0	3,024
Total	Percent of Sample	5.0	81.1	13.9	0.0	100.0
	Number in Catch	282	4,575	784	0	5,641
	Standard Error	64	114	101	0	
Stratum Dates:	8/12 - 8/30					
Sample Dates:	8/13					
Sample Size:	405					
Female	Percent of Sample	4.5	52.9	2.7	0.2	60.3
	Number in Catch	115	1,350	69	5	1,539
Male	Percent of Sample	3.0	33.2	3.5	0.0	39.7
	Number in Catch	77	848	89	0	1,014
Total	Percent of Sample	7.5	86.1	6.2	0.2	100.0
	Number in Catch	192	2,198	158	5	2,553
	Standard Error	33	44	31	6	
Strata Combined:	7/10 - 8/30					
Sample Dates:	7/11 - 8/13					
Sample Size:	2,399					
Female	Percent of Sample	2.2	34.8	9.3	0.5	46.8
	Number in Catch	1,184	18,854	5,046	291	25,375
Male	Percent of Sample	1.8	36.7	14.5	0.2	53.2
	Number in Catch	950	19,897	7,872	113	28,832
Total	Percent of Sample	4.0	71.5	23.8	0.7	100.0
	Number in Catch	2,134	38,751	12,918	404	54,207
	Standard Error	214	547	520	112	

[a]Based on catch data from final fish ticket summaries and age and sex composition data from a systematic, temporally stratified catch sampling program.

APPENDIX F

Escapements to coastal streams around Prince William Sound

Appendix F.1. Daily escapement counts of chinook, sockeye, pink, and chum salmon through the weir below Coghill Lake, 1985.

	Escapements							
	Chinook		Sockeye		Pink		Chum	
Date	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.
6/14	0	0	75	75	0	0	0	0
6/15	0	0	0	75	0	0	0	0
6/16	0	0	8	83	0	0	0	0
6/17	0	0	0	83	0	0	0	0
6/18	0	0	2	85	0	0	0	0
6/19	0	0	86	171	0	0	0	0
6/20	0	0	0	171	0	0	0	0
6/21	0	0	0	171	0	0	0	0
6/22	0	0	0	171	0	0	0	0
6/23	0	0	0	171	0	0	0	0
6/24	0	0	0	171	0	0	0	0
6/25	0	0	20	191	0	0	0	0
6/26	0	0	6,868	7,059	0	0	0	0
6/27	0	0	2,495	9,554	0	0	0	0
6/28	0	0	13,001	22,555	0	0	0	0
6/29	0	0	11,024	33,579	0	0	0	0
6/30	0	0	11,576	45,155	1	1	0	0
7/01	0	0	17,426	62,581	44	45	0	0
7/02	0	0	10,110	72,691	54	99	0	0
7/03	0	0	20,668	93,359	167	266	0	0
7/04	0	0	4,237	97,596	83	349	1	1
7/05	0	0	3,130	100,726	67	416	0	1
7/06	0	0	4,959	105,685	106	522	0	1
7/07	0	0	4,849	110,534	636	1,158	0	1
7/08	0	0	8,222	118,756	903	2,061	0	1
7/09	0	0	6,070	124,826	1,689	3,750	1	2
7/10	0	0	3,340	128,166	1,425	5,175	1	3
7/11	0	0	5,163	133,329	2,533	7,708	0	3
7/12	0	0	5,036	138,365	1,780	9,488	1	4
7/13	0	0	4,614	142,979	1,253	10,741	2	6
7/14	0	0	4,884	147,863	2,031	12,772	1	7
7/15	0	0	2,559	150,422	4,396	17,168	4	11
7/16	0	0	940	151,362	3,597	20,765	0	11
7/17	1	1	2,641	154,003	15,627	36,392	5	16
7/18	1	2	1,452	155,455	6,613	43,005	5	21
7/19	0	2	2,449	157,904	22,960	65,965	35	56
7/20	1	3	1,403	159,307	17,517	83,482	95	151
7/21	0	3	2,083	161,390	10,410	93,892	29	180

-Continued-

Appendix F.1. (page 2 of 2)

	Escapements							
	Chinook		Sockeye		Pink		Chum	
Date	Daily	Cum.	Daily	Cum.	Daily	Cum.	Daily	Cum.
7/22	0	3	944	162,334	6,691	100,583	8	188
7/23	0	3	483	162,817	10,127	110,710	12	200
7/24	1	4	359	163,176	7,330	118,040	8	208
7/25	1	5	135	163,311	2,835	120,875	6	214
Total	5		163,311		120,875		214	

Appendix F.2. Daily escapement counts of sockeye, pink, and coho salmon through the weir below Eshamy Lake, 1985.

	Escapements					
	Sockeye		Pink		Coho	
Date	Daily	Cum.	Daily	Cum.	Daily	Cum.
7/01	0	0	0	0	0	0
7/02	0	0	0	0	0	0
7/03	0	0	0	0	0	0
7/04	0	0	0	0	0	0
7/05	0	0	0	0	0	0
7/06	71	71	0	0	0	0
7/07	151	222	0	0	0	0
7/08	147	369	0	0	0	0
7/09	46	415	0	0	0	0
7/10	179	594	0	0	0	0
7/11	0	594	0	0	0	0
7/12	0	594	0	0	0	0
7/13	0	594	0	0	0	0
7/14	0	594	0	0	0	0
7/15	0	594	0	0	0	0
7/16	251	845	0	0	0	0
7/17	122	967	0	0	0	0
7/18	98	1,065	1	1	0	0
7/19	63	1,128	3	4	0	0
7/20	72	1,200	7	11	0	0
7/21	41	1,241	7	18	0	0
7/22	97	1,338	5	23	0	0
7/23	68	1,406	1	24	0	0
7/24	122	1,528	5	29	0	0
7/25	319	1,847	10	39	0	0
7/26	74	1,921	7	46	0	0
7/27	82	2,003	5	51	0	0
7/28	53	2,056	2	53	0	0
7/29	89	2,145	2	55	0	0
7/30	185	2,330	7	62	0	0
7/31	141	2,471	18	80	0	0
8/01	15	2,486	11	91	0	0
8/02	43	2,529	17	108	0	0
8/03	81	2,610	23	131	0	0
8/04	102	2,712	15	146	0	0
8/05	77	2,789	27	173	0	0
8/06	118	2,907	19	192	0	0
8/07	102	3,009	63	255	0	0
8/08	49	3,058	55	310	0	0
8/09	303	3,361	31	341	0	0
8/10	1134	4,495	417	758	3	3

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Appendix F.2. (page 2 of 3)

	Escapements					
	Sockeye		Pink		Coho	
Date	Daily	Cum.	Daily	Cum.	Daily	Cum.
8/11	418	4,913	488	1,246	2	5
8/12	530	5,443	162	1,408	0	5
8/13	786	6,229	298	1,706	3	8
8/14	707	6,936	267	1,973	2	10
8/15	546	7,482	314	2,287	0	10
8/16	324	7,806	197	2,484	1	11
8/17	349	8,155	184	2,668	1	12
8/18	315	8,470	144	2,812	0	12
8/19	382	8,852	81	2,893	3	15
8/20	346	9,198	93	2,986	4	19
8/21	1985	11,183	510	3,496	11	30
8/22	568	11,751	220	3,716	1	31
8/23	502	12,253	263	3,979	0	31
8/24	976	13,229	117	4,096	3	34
8/25	713	13,942	92	4,188	2	36
8/26	644	14,586	50	4,238	0	36
8/27	1007	15,593	136	4,374	1	37
8/28	1262	16,855	208	4,582	3	40
8/29	1254	18,109	224	4,806	1	41
8/30	922	19,031	206	5,012	2	43
8/31	227	19,258	294	5,306	4	47
9/01	558	19,816	308	5,614	2	49
9/02	242	20,058	168	5,782	1	50
9/03	264	20,322	121	5,903	0	50
9/04	496	20,818	69	5,972	2	52
9/05	314	21,132	49	6,021	0	52
9/06	353	21,485	47	6,068	1	53
9/07	670	22,155	62	6,130	1	54
9/08	1319	23,474	51	6,181	7	61
9/09	889	24,363	24	6,205	3	64
9/10	379	24,742	9	6,214	0	64
9/11	582	25,324	18	6,232	2	66
9/12	266	25,590	14	6,246	1	67
9/13	110	25,700	4	6,250	2	69
9/14	106	25,806	9	6,259	0	69
9/15	110	25,916	2	6,261	7	76
9/16	51	25,967	6	6,267	0	76
9/17	28	25,995	4	6,271	1	77
9/18	13	26,008	0	6,271	1	78
9/19	17	26,025	0	6,271	3	81
9/20	11	26,036	0	6,271	4	85

-Continued-

Appendix F.2. (page 3 of 3)

	Escapements					
	Sockeye		Pink		Coho	
Date	Daily	Cum.	Daily	Cum.	Daily	Cum.
9/21	3	26,039	0	6,271	4	89
9/22	5	26,044	0	6,271	0	89
9/23	1	26,045	0	6,271	0	89
9/24	8	26,053	0	6,271	0	89
9/25	3	26,056	0	6,271	0	89
9/26	6	26,062	0	6,271	1	90
9/27	5	26,067	0	6,271	2	92
9/28	2	26,069	0	6,271	0	92
9/29	0	26,069	0	6,271	0	92
9/30	1	26,070	0	6,271	0	92
10/01	10	26,080	0	6,271	4	96
Total	26,080		6,271		96	

Appendix F.3. Sockeye salmon aerial escapement indices from selected systems in Prince William Sound, 1985.

SYSTEM		Weekly Count (Dates)										
Name	Stream Number	6/30 to 7/06	7/07 to 7/13	7/14 to 7/20	7/21 to 7/27	7/28 to 8/03	8/04 to 8/10	8/11 to 8/17	8/18 to 8/24	8/25 to 8/31	9/01 to 9/07	TOTAL
Robe River	137			800								800
Billy's Hole	218			300	100	1,200	150					1,200
Red Lake	300	2,800	600	1,500	1,200	1,500	2,000	600				2,800
Halferty Creek	454							300	400			400
Shrode Lake	476			2,500	3,000	4,000		3,500			3,500	4,000
Jackpot Lakes	608			2,500		3,000	15,000	6,000		3,000		15,000
Bainbridge	630				900	1,000	600					1,000
Point Creek	702						200					200
TOTAL												25,400

Appendix F.4. Weekly aerial estimates of the escapement of pink salmon in Prince William Sound by district, subdistrict, and stream, 1985. Counts are live fish in streams.

EASTERN DISTRICT — WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
2	HARTNEY CREEK	0*	0*	0*	0*	0*	230*	450*	900	2500	1250*	3500	310*	150*	80*	0*	9370	3920
5	ECCLES CREEK	0*	0*	0*	0*	0*	0*	30*	50	650	320*	1200	80*	40*	20*	0*	2390	980
8	FLEMING CREEK	0*	0*	0*	0*	0	0*	0*	10*	20*	30*	50*	30*	10*	0*	0*	150	60
11	DUMPY CREEK	0*	0	0	1600	5500	9000	6000	11000	9500	7000	6500	3250*	1620*	810*	0*	61780	26800
SUBDISTRICT 221-10 TOTAL		0	0	0	1600	5500	9230	6480	11960	12670	8600	11250	3670	1820	910	0	73690	31760
19	TWIN LAKES CREEK	0*	0	0	0	20	0	200	500	2000	3500	4000	2000*	1000*	500*	0*	13720	5710
20	SPRING CREEK	0	0	0	0	100	1500	2000	9000	2500	5000	4000	2000*	1000*	500*	0*	27600	11630
21	ROGUE CREEK	0	0	0	100	1000	6000	6000	7000	3500	10000	3500	1750*	880*	440*	0*	40170	16420
23	CHASE CREEK	0*	0*	0*	0	1000	4000	5000	12000	9000	7000	7500	3750*	1880*	940*	0*	52070	22500
35	KOPPEN CREEK	0*	0	800	4000	12000	15000	33000	28000	18000	12000	23000	11500*	5750*	2880*	0*	165930	69050
36	SHEEP RIVER	0	0	0	400	1600	3500	3500	7000	3500	9000	10500	5250*	2620*	1310*	0*	48180	20020
37	ALLEN CREEK	0*	0	0*	0	10	50	50	200	1200	3000	3000	1500*	750*	380*	0*	10140	4070
SUBDISTRICT 221-20 TOTAL		0	0	800	4500	15730	30050	49750	63700	39700	49500	55500	27750	13880	6950	0	357810	149400
41	PASS CREEK	0*	0*	0*	0	0	0	50	0	400	3500	3500	1750*	1880*	940*	0*	12020	5000
45	PLATEAU CREEK	0*	0*	0*	0*	0	0	0	0	4500	9500	3000	1500*	750*	380*	0*	19630	11100
46	COMFORT CREEK	0	0*	0	1200	1200	3500	2600	5000	5500	10000	6000	3000*	1500*	750*	0*	40250	17320
48	BEARTRAP RIVER	0	0	4000*	8000	5000	12000	6000	10000	9500	18000	19000	9500*	4750*	2380*	0*	108130	46430
49	CATARACT CREEK	0*	0*	0*	0*	0	0	20	200	300	300	600	300*	150*	80*	0*	1950	810
51	OLSEN CREEK	0	0	4250*	8500	9500	15000	20000	25000	9000	13000	14000	6500*	3250*	1620*	0*	129620	56090
52	CONTROL CREEK	0	0	1750*	3500	11000	25000	30000	35000	22000	15000	14000	7000*	3500*	1750*	0*	169500	71350
54	CARLSEN CREEK	0*	0*	0*	0	50	350	350	1000	3500	5000	2500	1250*	620*	310*	0*	14930	6070
56	ST. MATTHEW'S CREEK	0*	0	100*	200	300	1000	3500	3000	4000	9000	5500	2750*	1380*	690*	0*	31420	12750
SUBDISTRICT 221-30 TOTAL		0	0	10100	21400	27050	56850	62520	79200	58700	83300	68100	33550	17780	8900	0	527450	226920
71	TWO MOON CREEK	0*	0*	0*	0*	0	0	0	0	500*	1000*	1500	750*	380*	190*	0*	4320	2080
73	TUNDRA CREEK	0*	0*	0*	0*	0	0	0	0	300*	600*	600	450*	220*	110*	0*	2280	1120
76	IRISH CREEK	0	0	0*	50	1500	1000	4000	8000	10000	9000	8000	4000*	2000*	1000*	0*	48550	20060
80	UMALEN CREEK	0*	0	0*	6000	9000	11000	13000	13000	3500	8000	4500	2250*	1120*	560*	0*	71930	34260
83	KETA CREEK	0*	0	0*	50	900	1500	1000	1500	900	3000	2500	1250*	620*	310*	0*	13530	5470
87	SUNNY RIVER	0*	0	0*	750*	1500	5000	3000	5000	3500	7000	9000	4500*	2250*	1120*	0*	42620	17700
88	SHORT CREEK	0*	0	0*	0	50	300	300	1500	600	2000	900	450*	220*	110*	0*	6430	2660
89	FISH CREEK	0	0	0*	2500	5500	7000	12000	13000	8000	14000	8500	4250*	2120*	1060*	0*	77930	33890
92	SHALE CREEK	0	0	0*	0	200	200	600	100	1500	5000	1200	600*	300*	150*	0*	9850	4020
93	KIRKWOOD CREEK	0	0	0*	0	800	1500	2000	1000	1500	4000	2500	1250*	620*	310*	0*	15480	6060
94	ROCK CREEK	0*	0	0*	0	0	0	0	0	500	1000	1100	550*	220*	110*	0*	3480	1770
99	LAGOON CREEK	0*	0*	0*	0	600	8000	4000	7000	3000	8500	5000	2500*	1250*	620*	0*	40470	17000
SUBDISTRICT 221-40 TOTAL		0	0	0	9350	20050	35500	39500	50100	33800	63100	45300	22300	11320	5650	0	336870	146910

O - FOOT COUNTS * - INTERPOLATIONS

-Continued-

Appendix F.4. (page 2 of 8)

EASTERN DISTRICT

WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
106	CLEARHOUGH CREEK	0*	0*	0*	10*	30	0	400	200	2000	2500	850	420*	210*	100*	0*	6720	3020
107	BLACK CREEK	0*	0*	0*	0*	0	0	0	0	50	400	250	120*	60*	30*	0*	910	390
114	TURNER CREEK	0*	0*	0*	0	0	0	0	0	250	150	250	120*	60*	30*	0*	860	530
115	HILLARD CREEK	0*	0*	0*	0	0	0	0	0	2000	8000	6000	3000*	1500*	750*	0*	21250	9920
116	DUCK RIVER	0*	0*	0*	0	0	500	200	1000	6000	45000	25000	12500*	6250*	3120*	1560*	101130	40550
117	INDIAN CREEK	0	100	1550*	3000	4000	10000	3000	5000	2000	9000	4000	2000*	1000*	500*	0*	45150	18030
120	DONALDSON CREEK	0*	0*	0*	0	20	12300◊	350	200	200	250	120*	60*	30*	10*	0*	2470	1000
121	LEVSHAKOFF CREEK	0	0	500*	100	1000	21500◊	1000	4000	4000	8500	4250*	2120*	610*	300*	0*	28530	12180
122	NO NAME	0	0	0*	0	50	4000◊	100	200	200	250	120*	60*	30*	10*	0*	1420	620
123	GREGORIEFF CREEK	0	0	150*	300	1200	1660*	3000	4000	2500	7000	3500*	1750*	880*	440*	0*	26380	10850
127	NAOHOFF RIVER	0	0	1000*	2000	4500	7000	20000	9000	8000	10000	5000*	2500*	1250*	620*	0*	70870	29730
129	VLASOFF CREEK	0*	0	450*	900	2500	9000	5000	5000	2000	8500	4250*	2120*	660*	330*	0*	40710	16960
152	TWIN FALLS CREEK	0*	0*	0*	400*	800	1000	6000	4000	2500	7000	3500*	1750*	880*	440*	0*	28270	11840
153	STELLAR CREEK	0	0	1000*	2000	3500	46900◊	5000	8000	18000	28000	14000*	7000*	3500*	1750*	0*	96440	40250
SUBDISTRICT 221-50 TOTAL		0	100	4650	8710	17600	37630	44050	40600	49700	134550	71090	35520	16920	8430	1560	471110	195870
131	GORGE CREEK, PORT VAL	0	0	150*	300	300	1500*	1500	1500*	1000*	500	250*	120*	60*	30*	0*	7210	3070
133	SAWMILL CREEK	0*	0	50*	100	1000	28300◊	4500	NC	NC	300	150*	80*	40*	20*	0*	9070	5640
137	LOWE RIVER	0*	0*	230*	450*	900	900*	450*	230*	110*	50*	0*	0*	0*	0*	0*	3320	1520
143	SIWASH CREEK	0*	0	2250*	4500*	9000	18000*	27000*	13500*	6750*	3380*	1690*	840*	220*	110*	0*	67240	37440
145	CROOKED CREEK	0*	0	180*	350*	700	2470*	4240*	6000*	3000*	1500*	750*	380*	190*	0*	0*	19760	8130
148	MINERAL FLATS	0*	0	0*	0*	0	750*	1500	1070*	640*	200	100*	50*	30*	10*	0*	6350	2350
SUBDISTRICT 221-60 TOTAL		0	0	2860	5700	11900	26450	39190	22300	11500	5930	2940	1470	540	170	0	130950	58150
EASTERN TOTAL		0	100	18410	51260	97830	195710	241890	267860	206070	344980	254180	124760	62260	31010	1560	1897880	809010

◊ - FOOT COURTS * - INTERPOLATIONS

-Continued-

Appendix F.4. (page 3 of 8)

NORTHERN DISTRICT — WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
204	HEATHER BAY	0*	0*	0*	0*	0*	0	0*	0	0	10*	10*	0*	0*	0*	0*	20	10
208	GRANIT COVE	0*	0*	0*	0*	0*	0	0*	0	400	600*	1000*	500*	250*	120*	0*	3070	1520
209	USELESS CREEK	0*	0*	0*	0*	0	0	0	0	0	0	10*	0	0*	0*	0*	10	10
210	ELF CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0*	0*	0*	0*	0*	0	0
213	BENCH MARK CREEK	0	0*	0	0	0	0	0	0	100	50	30*	10*	0*	0*	0*	190	150
214	LONG CREEK	0	0	0	600	1200	3500	1200	5000	6500	4000	2000*	1000*	500*	500*	0*	26000	11260
216	VANISHING CREEK	0*	0*	0	0	100	300	500	0	1400	1100	550*	280*	140*	140*	0*	4510	2910
217	SPRING CREEK	0*	0*	0	0	20	0	0	0	200	200	100*	50*	30*	30*	0*	630	410
218	BILLY'S CREEK	0	0	0	0	0	0	0	0	200	0	0*	0*	0*	0*	0*	200	200
221	EICKELBERG CREEK	0*	0*	0*	0*	0	0	0	0	3000	2000	1000*	500*	250*	250*	0*	7000	5150
SUBDISTRICT 222-10 TOTAL		0	0	0	600	1320	3800	1700	5000	11800	8160	4700	2340	1170	1040	0	41630	21620
224	BACKYARD CREEK	0*	0*	0*	0*	0	0	1500	1000	12000	14000	7000*	3500*	1750*	880*	0*	41630	18270
227	GRANITE CREEK	0*	0*	0*	0*	0	0	0	0	4000	3500	1750*	0	0*	0*	0*	9250	6550
229	CEDAR CREEK	0*	0*	0	50	0	3500	1500	4000	7500	5000	2500*	0	0*	0*	0*	24050	12570
232	DELTA CREEK	0*	0*	0*	0*	130*	250	300	0	200	100	50*	0	0*	0*	0*	1030	610
234	WELLS CREEK	0	0	2000	12000	6000	10000	25000	34000	35000	18000	9500*	1000	500*	250*	0*	153250	64670
233	SURPLUS CREEK	0*	0*	0*	0*	200*	400	1200	3000	3000	600	300*	0	0*	0*	0*	8700	3740
257	COMPLEX CREEK	0*	0*	0*	0*	0	0	0	0	0	50	60*	100	50*	0*	0*	280	140
258	WILLIAMS CREEK	0*	0*	0*	0*	0	0	10	100	50	50	30*	10	0*	0*	0*	250	100
259	JONAH CREEK	0*	0*	0*	0*	0	100	5000	20000	18000	22000	18500*	15000	7500*	3750*	0*	109850	44300
263	WATERFALL CREEK	0*	0*	0*	0*	0	0	0	0	200	0	0*	0	0*	0*	0*	200	200
264	SIWASH RIVER	0*	0*	0*	0*	0	0	20	30	9000	15000	12500*	10000	5000*	2500*	0*	54050	21640
265	UNAMIK CREEK	0*	0*	0*	0*	0	0	0	0	900	450	450*	500	250*	120*	0*	2670	1760
SUBDISTRICT 222-20 TOTAL		0	0	2000	12050	6330	14250	34530	62130	89850	78750	52660	30110	15050	7500	0	405210	174550
273	SCHOPPE CREEK	0*	0*	0*	0	0	0	0	100	500	1500	2250*	3000	1500*	750*	0*	9600	3800
276	BLACK BEAR CREEK	0*	0*	0	1100	0	1000	0	4000	500	500	1250*	2000	1000*	500*	0*	11850	9350
277	DEAD CREEK	0*	0*	0*	0	0	10	0	0	0	100	300*	500	250*	120*	0*	1280	570
278	COMEBACK CREEK	0*	0*	0*	0	0	0	0	0	0	200	850*	1500	750*	380*	0*	3680	1550
279	CANYON CREEK	0*	0*	0	0	0	0	500	0	800	3000	4000*	5000	2500*	1250*	0*	17050	7510
282	GOOD CREEK	0*	0*	0	0	0	1000	50	1000	200	2500	1250*	0	0*	0*	0*	6000	3010
283	BAD CREEK	0*	0*	0	0	0	0	0	2000	100	2500	2500*	2500	1250*	620*	0*	11470	6180
289	DEBICKSON CREEK	0*	0*	0*	0	0*	0	0	0	0	0	0*	0	0*	0*	0*	0	0
SUBDISTRICT 222-30 TOTAL		0	0	0	NC	0	2010	550	7100	2100	10300	12400	14500	7250	3620	0	60930	31970
242	COUPEN CREEK	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	0
SUBDISTRICT 222-50 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHERN TOTAL		0	0	2000	13750	7650	20060	36780	74230	103750	97210	69760	46950	23470	12160	0	507770	228140

C - FOOT COUNTS * - INTERPOLATIONS

-Continued-

Appendix F.4. (page 4 of 8)

COGHILL DISTRICT

WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
414	HARRISON CREEK	0*	0*	0*	0	0	0	0	0	50	100	50*	0	0*	0*	0*	200	110
417	HOBO CREEK	0*	0*	0*	0	0	0	0	200	1500	3000	3500*	4000	2000*	1000*	0*	15200	6040
421	MILL CREEK	0*	0*	0*	0	0	0	200	3000	3000	4000	4500*	5000	2500*	1250*	0*	23450	9290
424	OLD CREEK	0*	0*	0*	0	0	0	0	0	50	100	150*	200	100*	50*	0*	650	290
425	HUMMER CREEK	0*	0*	0*	0	0	0	0	100	900	700	1100*	1500	750*	380*	0*	5430	2170
428	PIRATE CREEK	0*	0*	0*	0	0	0	0	0	200	150	80*	0	0*	0*	0*	430	310
430	MEACHAM CREEK	0*	0*	0*	0*	0	0	1500	1500	8000	8500	6000*	3500	1750*	880*	0*	31630	13670
432	SWANSON CREEK	0*	0*	0*	100*	200	1200	4500	11000	15000	15000	11500*	8000	4000*	2000*	0*	72500	28920
SUBDISTRICT 223-10 TOTAL		0	0	0	100	200	1200	6200	15800	28700	31550	26880	22200	11100	5560	0	149490	60800
303	TRIPLE CREEK	0*	0*	0*	0	0	0	0	0	1500	1800	2400*	3000	1500*	750*	0*	10950	5430
307	VILLAGE CREEK	0*	0*	0*	0*	0	0	0	100	1500	500	750*	1000	500*	250*	0*	4600	1870
SUBDISTRICT 223-20 TOTAL		0	0	0	0	0	0	0	100	3000	2300	3150	4000	2000	1000	0	15550	7300
310	GOLDEN LAGOON	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
314	AVERY RIVER	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
322	COGHILL RIVER - BELOW	0*	0*	0*	0	15000	25000	35000	23000	100000	120000	60000*	30000*	15000*	7500*	0*	430500	183840
	COGHILL RIVER - LAKE	0◊	266◊	4864◊	31217◊	81648◊	6◊	NC	NC	NC	NC	NC	NC	NC	NC	NC	118001	47410
SUBDISTRICT 223-30 TOTAL		0	266	4864	31217	96648	25006	35000	23000	100000	120000	60000	30000	15000	7500	0	548501	231250
COGHILL TOTAL		0	266	4864	31317	96848	26206	41200	38900	131700	153850	90030	56200	28100	14060	0	713541	299350

◊ - FOOT COUNTS * - INTERPOLATIONS

-Continued-

WEEKLY ESTIMATES OF LIVE PINK SALMON IN PRINCE WILLIAM SOUND, STREAM COUNTS 1985

NORTHWESTERN DISTRICT — WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
435	LOGGING CAMP CREEK	0*	0*	0*	0	0	0	0	100	2500	4000	2000*	0	0*	0*	0*	8600	3120
450	TEBENKOFF CREEK	0*	0*	0*	0	200	0	0	1500	1800	800	420*	30	10*	0*	0*	4760	3220
451	BLACKSTONE CREEK	0*	0*	0*	0	0	0	0	300	950	650	330*	10	0*	0*	0*	2240	1130
454	HALFERTY CREEK	0*	0*	0	0	200	100	100	2000	3000	6000	5000*	4000	2000*	1000*	0*	23400	9310
455	PAULSON CREEK	0*	0*	0*	0	6000	2800	4000	2500	4500	2200	1600*	1000	500*	250*	0*	25350	14770
458	PARKS CREEK	0*	0*	0*	0	0	100	50	100	1400	2100	1800*	1500	750*	380*	0*	8180	3280
461	COCHRANE CREEK	0*	0*	0*	0	0	0	20	130	600	600	550*	500	250*	120*	0*	2770	1100
469	WICKETT CREEK	0*	0*	0*	0	0	0	10	100	1700	1000	650*	300	150*	80*	0*	3990	1580
SUBDISTRICT 224-10 TOTAL		0	0	0	0	6400	3000	4180	6730	16450	17350	12350	7340	3660	1830	0	79290	37510
471	NARROWS CREEK	0*	0*	0*	0	0	0	0	0	200	200	150*	100	50*	30*	0*	730	440
476	SHRODE CREEK	0*	0*	0*	0	0	0	200	6000	35000	65000	67500*	70000	35000*	17500*	8750*	304950	120390
479	CULROSS CREEK	0*	0*	0	0	100	50	1200	2000	2600	2000	1100*	200	100*	50*	0*	9600	3970
SUBDISTRICT 224-30 TOTAL		0	0	0	0	100	50	1400	8000	38000	67200	68750	70300	35150	17580	8750	315280	124800
480	MINK CREEK	0*	0*	0	50	400	2500	5000	7000	7000	6800	4650*	2500	1250*	620*	0*	37770	15290
484	FINGER CREEK EAST	0*	0*	0*	0	0	1500	1200	1500	1100	1500	750*	30	10*	0*	0*	7590	4380
485	FINGER CREEK WEST	0*	0*	0*	0	30	100	2000	2500	2500	1500	800*	100	50*	30*	0*	9610	3970
493	MOST CREEK	0*	0*	0*	0*	0	10	900	150	300	450	220*	10	10*	0*	0*	2050	870
495	CHIHEVISKY LAGOON	0*	0*	0*	0	0	50	3500	9000	1500	1200	750*	300	150*	80*	0*	16530	6830
498	McCLURE CREEK	0*	0*	0*	0*	0	0	300	1000	2500	3000	3000*	3000	1500*	1500*	0*	15800	6260
SUBDISTRICT 224-40 TOTAL		0	0	0	50	430	4160	12900	21150	14900	14450	10170	5940	2970	2230	0	89350	37600
NORTHWESTERN TOTAL		0	0	0	50	6930	7210	18480	35880	69350	99000	91270	83580	41780	21640	8750	483920	199910

◊ - FOOT COUNTS * - INTERPOLATIONS

ESHAMY DISTRICT — WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
506	LOOMIS CREEK	0*	0*	0*	0*	0*	0◊	0*	90*	1800◊	190*	1900◊	210*	2300◊	120*	60*	1270	560
507	GUMBOOT CREEK	0*	0*	0*	0*	0*	0◊	0*	120*	2500◊	210*	1800◊	140*	900◊	40*	20*	1050	500
508	NORTH SHORE, ESHAMY L	0*	0*	0*	0*	0*	0◊	0*	450*	9000◊	670*	4500◊	260*	600◊	30*	10*	2830	1470
510	ELISHANSKY CREEK	0*	0*	0*	0*	0*	0◊	0*	0*	0◊	0*	0◊	80*	1500◊	80*	40*	350	190
511	ESHAMY RIVER - BELOW	0*	0*	0*	0*	0*	0◊	0*	3050*	60900◊	3050*	1500*	750*	380*	0◊	0*	14820	8290
	ESHAMY RIVER - WEIR	0*	0*	0◊	0◊	0◊	29◊	44◊	1750◊	17180◊	15210◊	10660◊	11900◊	2600◊	430◊	0◊	6268	2520
SUBDISTRICT 225-30 TOTAL		0	0	0	0	0	29	44	3885	9138	5643	3406	2830	1170	313	130	26588	13530
ESHAMY TOTAL		0	0	0	0	0	29	44	3885	9138	5643	3406	2830	1170	313	130	26588	13530

◊ - FOOT COUNTS * - INTERPOLATIONS

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Appendix F.4. (page 6 of 8)

SOUTHWESTERN DISTRICT

WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
601	PADDY CREEK	0*	0*	0*	0	0	50*	100	3000	1600	980*	350	180*	90*	50*	20*	6420	2640
602	NACKTAN CREEK	0*	0*	0*	0*	0	130*	250	1000	1500	1000*	500	250*	120*	60*	30*	4840	2060
603	EWAN CREEK	0*	0*	0*	0*	0	250*	500	3000	9000	8750*	8500	4250*	2120*	1060*	830*	38260	15580
604	ERB CREEK	0*	0*	0*	0	0	750*	1500	800	2000	1250*	500	250*	120*	60*	300*	7530	3560
608	JACKPOT RIVER	0*	0*	0*	0	4000	2500*	1000	4000	24000	24500*	25000	12500*	6250*	3120*	1560*	108430	46910
610	KOMPKOFF RIVER	0*	0*	0*	0*	0	2000*	4000	5000	5000	2750*	500	250*	120*	60*	0*	19680	9480
611	JACKPOT BAY, WEST ARM	0*	0*	0*	0*	0	1000*	2000	800	400	220*	50	30*	10*	0*	0*	4510	2550
612	JACKPOT BAY, WEST ARM	0*	0*	0*	0*	0	150*	300	250	250	140*	30	30*	10*	0*	0*	1160	580
613	JACKSON CREEK	0*	0*	0*	0	4000	6500*	9000	8000	8000	6100*	4200	2100*	1000*	500*	250*	49650	22980
621	TOTEMOFF CREEK	0*	0*	0*	0*	0	600*	1200	1500	4500	3300*	2100	1000*	500*	250*	0*	14950	6500
623	BRIZGALOFF CREEK	0*	0*	0*	0*	0	150*	300	300	1500	1200*	900	450*	220*	110*	0*	5130	2180
630	BAINBRIDGE CREEK	0*	0*	0*	0	300	1500*	3000	4500	8500	7250*	6000	3000*	1500*	750*	380*	36680	14990
632	CLAW CREEK	0*	0*	0*	0*	0	250*	500	500	2000	1050*	100	50*	30*	10*	0*	4490	2030
633	PABLO CREEK	0*	0*	0*	0	200	1850*	3500	2100	3000	1600*	200	100*	50*	30*	0*	12630	5190
634	WHALE BAY, W. HEAD, S	0*	0*	0*	0	0	100*	200	200	400	200*	10	10*	0*	0*	0*	1120	530
636	WHALE CREEK	0*	0*	0*	0*	0	130*	250	200	2500	850*	200	100*	50*	30*	0*	4310	1880
SUBDISTRICT 226-20 TOTAL		0	0	0	0	8500	17910	27600	35150	74150	61140	49140	24550	12190	6090	3370	319790	139640
682	MUG HARBOR	0*	0*	0*	0	0*	0*	0	300*	600*	900*	1200*	600*	300*	150*	80*	4130	1870
SUBDISTRICT 226-30 TOTAL		0	0	0	0	0	0	0	300	600	900	1200	600	300	150	80	4130	1870
655	JOHNSON CREEK	0*	0*	0*	0	0	100*	200	800	4500	3500*	2500	1250*	60*	310*	150*	13370	5520
656	HALVERSON CREEK	0*	0*	0*	0	0	30*	50	250	1500	1050*	600	300*	150*	80*	40*	4050	1670
665	BJORNE CREEK	0*	0*	0*	0	0	0*	0	50	100	70*	50	50*	30*	10*	0*	360	160
666	O'BRIEN CREEK	0*	0*	0*	0*	0	0*	0	100	2000	2000*	2000	1000*	500*	250*	120*	7970	3300
670	MONTGOMERY CREEK	0*	0*	0*	0*	0*	350*	700*	1400	4500	2750*	1000	500*	250*	130*	60*	11640	5030
672	LATOUCHE ISLAND, S. S	0*	0*	0*	0*	0*	60*	130*	250	900	680*	450	220*	110*	50*	20*	2870	1210
673	FALLS CREEK	0*	0*	0*	0*	0*	600*	1200*	2400	4000	3250*	2500	1250*	620*	310*	150*	16280	7040
676	HORSESHOE CREEK	0*	0*	0*	0*	0*	160*	320*	650	2000	1400*	800	400*	200*	100*	50*	6080	2590
677	HAYDEN CREEK	0*	0*	0*	0*	0*	200*	400*	800	3000	2250*	1500	750*	380*	190*	100*	9570	4040
SUBDISTRICT 226-40 TOTAL		0	0	0	0	0	1500	3000	6700	22500	16950	11600	5720	2300	1430	690	72190	30580
653	HOG CREEK	0*	0*	0*	0*	0*	620*	1250*	2500	12000	7750*	4750*	1750*	880*	440*	220*	32160	13620
SUBDISTRICT 226-50 TOTAL		0	0	0	0	0	620	1250	2500	12000	7750	4750	1750	880	440	220	32160	13620
SOUTHWESTERN TOTAL		0	0	0	0	8500	20030	31850	44650	109250	86740	66490	32620	15670	8110	4360	428270	185710

0 - FOOT COUNTS * - INTERPOLATIONS

-Continued-

MONTAGUE DISTRICT — WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
702	POINT CREEK	0*	0*	0*	0*	10*	30	1010*	2000	3750*	5500	2800	1400*	700*	350*	180*	17730	7140
703	CLAM BEACH CREEK	0*	0*	0*	0*	0*	0	10*	20	2010*	4000	4000	2000*	1000*	500*	250*	13790	5530
707	MACLEOD CREEK	0*	0*	0*	0*	100*	200	350*	500	6250*	12000	14000	7000*	3500*	1750*	880*	46530	18680
710	HANNING CREEK	0*	0*	0*	0*	300*	600	500*	400	4200*	8000	4500	2250*	1120*	610*	300*	22780	9390
711	QUADRA CREEK	0*	0*	0*	0*	600*	1200	1300*	1400	6700*	12000	9500	4750*	2380*	1190*	590*	41610	17160
717	MONTAGUE ISLAND, WEST	0*	0*	0*	0*	0*	20	410*	800	4900*	9000	9000	4500*	2250*	1120*	660*	32660	13070
718	MONTAGUE ISLAND, WEST	0*	0*	0*	0*	0	100	650*	1200	4100*	7000	5000	2500*	1250*	620*	310*	22730	9200
719	MONTAGUE ISLAND, WEST	0*	0*	0*	0*	0	50	780*	1500	4750*	8000	5500	2750*	2750*	690*	350*	27120	10930
722	MONTAGUE IS., GLACIER	0*	0*	0*	0*	0	0	20*	50	1260*	2500	450	220*	220*	50*	20*	4790	1960
724	MONTAGUE IS., GLACIER	0*	0*	0*	0*	0	0	100*	200	350*	500	600	300*	300*	80*	40*	2470	1060
725	MONTAGUE ISLAND, WEST	0*	0*	0*	0*	0	50*	100*	200	1600*	3000	900	450*	450*	110*	50*	6910	2830
726	MONTAGUE CREEK	0*	0*	0*	0*	0	20	160*	300	1650*	3000	2000	1000*	500*	250*	120*	9000	3630
SUBDISTRICT 227-10 TOTAL		0	0	0	0	1010	2270	5390	6570	41520	74500	58250	29120	16420	7320	3750	248120	100580
738	RUSSEL CREEK	0*	0*	0*	0*	0	30	50	300	4150*	8000	4000	2000*	1000*	500*	250*	20280	8210
739	SWAMP CREEK	0*	0*	0*	0*	0	4000	900	2000	11500*	21000	16000	8000*	4000*	2000*	1000*	70400	31400
740	KELEZ CREEK	0*	0*	0*	0*	0	0	100	1500	8250*	15000	4600	2300*	1150*	600*	300*	33800	13810
741	CHALMERS RIVER	0*	0*	0*	0*	0	400	1100	11000	13500*	16000	21000	10500*	5250*	2750*	1380*	82660	33850
744	WILBY CREEK	0*	0*	0*	0*	0	50	1200	2500	4750*	7000	4500	2250*	1120*	560*	280*	24210	9830
745	WILD CREEK	0*	0*	0*	0*	0	30	300	450	3330*	6000	3100	1550*	780*	390*	200*	16130	6530
746	SCHUMAN CREEK	0*	0*	0*	0*	0	0	50	200	1600*	3000	1200	600*	300*	150*	80*	7180	2940
747	CABIN CREEK	0*	0*	0*	0*	0	6500	3000	6500	13250*	20000	8500	4250*	2120*	1060*	830*	66010	31730
748	GILMOUR CREEK	0*	0*	0*	0*	0	0	150	200	850*	1500	9500	4750*	2380*	1190*	590*	21110	8470
749	SHAD CREEK	0*	0*	0*	0*	0	0	1000	1000	4500*	8000	3000	1500*	750*	380*	190*	20320	9040
752	STOCKDALE CREEK	0*	0*	0*	0*	500	3000	1200	1800	5400*	9000	5000	2580*	1250*	620*	310*	30580	12650
753	STOCKDALE BAY	0*	0*	0*	0*	150	0	50	2000	1750*	1500	3000	1500*	750*	380*	190*	11270	4700
754	DRY CREEK	0*	0*	0*	0*	0	0	0	50	280*	500	2500	1250*	620*	310*	150*	5660	2280
758	ROCKY BAY, HEAD	0*	0*	0*	0*	0	0	50	200	630*	0	1500	750*	380*	190*	100*	3800	2630
759	ROCKY CREEK	0*	0*	0*	0*	0	50	300	2500	8750*	15000	35000	17500*	8750*	4380*	2190*	94420	37680
766	CARR CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	250	120*	60*	30*	10*	470	380
770	UDALL CREEK	0*	0*	0*	0*	0	30	100	400	3950*	7500	3000	1500*	750*	380*	190*	17800	7220
771	McKERNAN CREEK	0*	0*	0*	0*	0	0	200	300	1150*	2000	250	120*	60*	30*	10*	4120	1840
774	ROSSWOG CREEK	0*	0*	0*	0*	0	0	30	500	3250*	6000	3500	1750*	880*	440*	220*	16570	6710
775	PAUTZKE CREEK	0*	0*	0*	0*	0	0	20	50	2020*	4000	2500	1250*	620*	310*	150*	10920	4410
788	GREEN CREEK	0*	0*	0*	0*	0*	10*	30	30*	60*	120*	250*	500*	250*	120*	60*	1430	560
SUBDISTRICT 227-20 TOTAL		0	0	0	0	650	14100	9830	33480	92920	151120	132150	66460	33220	16770	8680	559360	236870
MONTAGUE TOTAL		0	0	0	0	1660	16370	15220	42050	134440	225620	190400	95560	49640	24090	12430	807480	337450

C - FOOT COUNTS * - INTERPOLATIONS

-Continued-

Appendix F.4. (page 8 of 8)

SOUTHEASTERN DISTRICT — WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
843	DEAD CREEK	0*	0*	0*	0	0	0	350	600	4800*	9000	4000	2000*	1000*	500*	250*	22500	8850
SUBDISTRICT 228-10 TOTAL		0	0	0	0	0	0	350	600	4800	9000	4000	2000	1000	500	250	22500	8850
833	BATES CREEK	NC	0*	0	0	0	0	0	150	830*	1500	2500	1250*	620*	310*	150*	7310	2990
834	HARDY CREEK	0*	0*	0	1000	900	11000	20000	35000	34000*	33000	23000	11500*	5750*	2880*	1440*	179470	72040
835	SCOTT CREEK	0*	0*	0	0	500	8000	18000	27000	26000*	25000	19000	9500*	4750*	2380*	1190*	141320	56580
836	DAN'S CREEK	0*	0*	0	0	50	3500	2500	4250*	6000*	5250*	4500	2250*	1120*	560*	280*	30260	12030
837	TIDGEON CREEK	0*	0*	0	0	0*	0	0	4000	7000*	10000	1500	750*	380*	190*	100*	23920	12210
839	GOOSE CREEK	0*	0*	0*	0*	600*	1200	600	5000	6500*	8000	2500	1250*	620*	310*	150*	26730	10860
SUBDISTRICT 228-20 TOTAL		0	0	0	1000	2050	23700	41100	75400	80330	82750	53000	26500	13240	6630	3310	409010	166710
844	NAKABKA CREEK	0*	0*	0*	0	0	400	1500	3500	5250*	7000	12000	6000*	3000*	1500*	750*	40900	16560
847	HAWKINS CREEK	0*	0*	0	0	0	1000	2000	4000	6500*	9000	11000	5500*	2750*	1380*	690*	43820	18070
849	ROLLINS CREEK	0*	0*	0*	0	0	0	300	500	1750*	3500	3000	1500*	750*	380*	190*	11870	4850
850	CANOE CREEK	0*	0*	0	0	50	3500	4500	8000	12500*	17000	6000	3000*	1500*	750*	380*	57180	22260
851	ZILLESENOFF CREEK	0*	0*	0	0	0	50	800	4000	6000*	8000	6000	3000*	1500*	750*	380*	30460	11980
856	WEST LAGOON CREEK	0*	0*	0	1000	0	700	1500	3000	2500*	2000	3500	1750*	880*	440*	220*	17490	8160
857	EAST LAGOON CREEK	0*	0*	0	0	0	200	1200	3000	3000*	3000	2500	1250*	620*	310*	150*	15230	6260
858	NORTH LAGOON CREEK	0*	0*	0*	0	0	0	200	200	350*	500	1000	500*	250*	120*	60*	3180	1430
861	BERNARD CREEK	0*	0	0	0	200	800	2500	5000	6500*	8000	8000	4000*	2000*	1000*	500*	38500	15380
862	CLAMDIGGERS CREEK	0*	0*	0*	0	0	100	200	2000	1500*	1000	1500	3250*	1620*	810*	400*	12380	5130
SUBDISTRICT 228-30 TOTAL		0	0	0	1000	250	6750	14700	33200	45850	59000	54500	29750	14870	7440	3720	271030	110020
827	CAPTAIN CREEK	0*	0*	0*	0	0	150	500	3500	1580*	8000	8000	4000*	2000*	1000*	500*	29230	11570
828	COOK CREEK	0*	0*	0*	2500	350	6500	6000	15000	13000*	11000	15000	7500*	3750*	1880*	940*	83420	35330
829	KING CREEK	0*	0*	0*	0	0	50	1000	3500	2500*	1500	3000	1500*	750*	380*	190*	14370	5840
831	DOUBLE CREEK	0*	0*	0*	0	50	3500	6000	11000	11500*	12000	12000	6000*	3000*	1500*	750*	67300	26780
SUBDISTRICT 228-40 TOTAL		0	0	0	2500	400	10200	13500	33000	28580	32500	38000	19000	9500	4760	2380	194320	79520
817	DEER CREEK	0*	0	0	200	50	5500	3000	8000	9000*	10000	6500	3250*	1620*	810*	400*	48330	19240
818	JUANITA CREEK	0*	0	0	250	50	2500	2500	7000	13500*	20000	10000	5000*	2500*	1250*	630*	65180	25480
821	BROWN BEAR CREEK	0*	0	0	0	500	3000	4000	8000	9500*	11000	8000	4000*	2000*	1000*	500*	51500	20740
SUBDISTRICT 228-50 TOTAL		0	0	0	450	600	11000	9500	23000	32000	41000	24500	12250	6120	3060	1530	165010	65460
805	PORT ETCHES, SOUTH SH	0*	0*	0*	0*	0*	0	0	100	200*	300	300	150*	80*	40*	20*	1190	540
806	DOG SALMON CREEK	0*	0*	0*	0	10	0	0	350	1920*	3500	1500	750*	380*	190*	90*	8690	3580
807	BEAVER CREEK	0*	0*	0*	0	0	0	0	130	170*	200	600	300*	150*	80*	40*	1670	760
810	GARDEN CREEK	0*	0*	0*	0	0	400	400	1100	5550*	10000	5000	2500*	1250*	620*	310*	27130	10700
811	ETCHES CREEK	0*	0*	0*	0	0	0	0	2500	3000*	3500	950	500*	250*	120*	60*	10880	6160
812	NUCHEK CREEK	0*	0*	0	0	100	12000	15000	33000	41500*	50000	40000	20000*	10000*	5000*	2500*	229100	90450
815	CONSTANTINE CREEK	0*	0	0	0	300	6500	12000	27000	33500*	40000	66000	33000*	16500*	8250*	4120*	247170	98660
SUBDISTRICT 228-60 TOTAL		0	0	0	0	410	18900	27400	64180	85840	102500	114350	57200	28610	14300	7140	525830	210850
SOUTHEASTERN TOTAL		0	0	0	4950	3710	70550	106550	229380	277400	331750	288350	146700	73340	36690	18330	1567700	641410

◇ - FOOT COUNTS * - INTERPOLATIONS

Appendix F.5. Weekly aerial estimates of the escapement of chum salmon in the Prince William Sound area by district, subdistrict, and stream, 1985. Counts are live fish in streams.

EASTERN DISTRICT

WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
2	HARTNEY CREEK	0*	0*	0*	0*	0*	100*	200*	400	500	380*	250	120*	0*	0*	0*	1950	820
5	ECCLES CREEK	0*	0*	0*	0*	0*	30*	50*	100*	100	50*	30*	10*	10*	0*	0*	380	170
8	FLEMING CREEK	0*	0*	0*	0*	0	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	0
11	HUMPY CREEK	0*	0	0	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
SUBDISTRICT 221-10 TOTAL		0	0	0	0	0	130	250	500	600	630	280	130	10	0	0	2330	990
19	TWIN LAKES CREEK	0*	0	0	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
20	SPRING CREEK	0*	0	0	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
21	ROGUE CREEK	0*	0	0	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
23	CHASE CREEK	0*	0*	0*	800	1500	3000*	4500	4500*	2250*	1670*	500	250*	120*	0*	0*	19090	8590
35	KOPPEN CREEK	0*	0	0	50	400	2140*	3880◊	3500*	1750*	850*	420*	210*	100*	0*	0*	13300	5480
36	SHEEP RIVER	0	0	0*	0	0	30*	50	30*	300*	150*	0	0*	0*	0*	0*	560	210
37	ALLEN CREEK	0*	0	0*	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
SUBDISTRICT 221-20 TOTAL		0	0	0	850	1900	5170	8430	8030	4300	2670	920	460	220	0	0	32950	14280
41	PASS CREEK	0*	0*	0*	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
45	PLATEAU CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
46	COMFORT CREEK	0	0	0	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
48	BEARTRAP RIVER	0	100	250*	400	2500	4200*	5890◊	2950*	1500*	750*	380*	190*	100*	0*	0*	19210	8090
49	CATARACT CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
51	OLSEN CREEK	0	60	280*	500	2000	3290*	4570◊	2280*	1140*	570*	280*	140*	70*	0*	0*	15180	6370
52	CONTROL CREEK	0	0	0*	0	10*	20*	40◊	20*	10*	0	0	0*	0*	0*	0*	100	40
54	CARLSEN CREEK	0*	0*	0*	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
56	ST. MATTHEWS CREEK	0*	0	0*	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
SUBDISTRICT 221-30 TOTAL		0	160	530	900	4510	7510	10500	5250	2650	1320	660	330	170	0	0	34490	14500
71	TWO MOON CREEK	0*	0*	0*	0*	0	0	0	0	0*	0*	0	0*	0*	0*	0*	0	0
73	TUNDRA CREEK	0*	0*	0*	0*	0	0	0	0	0*	0*	0	0*	0*	0*	0*	0	0
76	IRISH CREEK	0	0	0*	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
80	WHALEN CREEK	0*	0	0*	0	250*	500*	1010◊	500*	250*	120*	60*	30*	10*	0*	0*	2730	1290
83	KETA CREEK	0*	0	0*	0	0	80*	150	130*	100	300	200	0*	0*	0*	0*	960	390
87	SUNNY RIVER	0*	0	0*	0*	0	0*	0	250*	500	4000	4500	8600◊	15500◊	0*	0*	33350	7810
88	SHORT CREEK	0*	0	0*	0*	0	0	0	0	0	0	0*	0*	0*	0*	0*	0	0
89	FISH CREEK	0	0	50*	100	500	2150*	3800◊	2150*	500	250*	120*	60*	30*	10*	0*	9720	4060
92	SHALE CREEK	0	0	0*	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
93	KIRKWOOD CREEK	0	0	0*	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
94	ROCK CREEK	0*	0	0*	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
99	LAGOON CREEK	0*	0*	0*	0	400	650*	890◊	850*	800	400*	200*	100*	50*	0*	0*	4340	2100
SUBDISTRICT 221-40 TOTAL		0	0	50	100	1150	3310	5850	3880	2150	5070	5080	8790	15590	10	0	51100	15650

◊ - FOOT COUNTS * - INTERPOLATIONS

-Continued-

EASTERN DISTRICT

WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
106	GLADHOUGH CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
107	BLACK CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0	0*	0*	0*	0*	0	0
114	TURNER CREEK	0*	0*	0*	0	0	0	0	0*	0	0	0	0*	0*	0*	0*	0	0
115	MILLARD CREEK	0*	0*	0*	0*	0	10*	20	10*	0	0	0	0*	0*	0*	0*	40	20
116	DUCK RIVER	0*	0*	0*	0	600	1300*	2000	3000*	4000*	2000*	1000*	500*	250*	120*	60*	14830	6600
117	INDIAN CREEK	100	800	3650*	6500	5000	8990◇	2800	3400*	4000*	2000*	1000*	500*	250*	0*	0*	38990	15520
120	DONALDSON CREEK	0*	0*	0*	0	0	0	0	0	0	0	0*	0*	0*	0*	0*	0	0
121	LEVSHAKOFF CREEK	0	0	130*	250*	500	230◇	120*	60*	30*	10*	0*	0*	0*	0*	0*	1330	630
122	NO NAME	0	0	0*	0	0	0	0	0	0	0	0*	0*	0*	0*	0*	0	0
123	GREGORIEFF CREEK	0	0	0*	80*	160*	330◇	160*	80*	40*	20*	10*	0*	0*	0*	0*	880	410
127	NAONOFF RIVER	0	0	0*	750*	1500	1750*	2000	1000*	500*	1000*	2000*	1000*	500*	250*	0*	12250	5460
129	VLASOFF CREEK	0*	0	100*	250*	500	0	0	0	0	0	0*	0*	0*	0*	0*	850	270
152	TWIN FALLS CREEK	0*	0*	0*	100*	200	200*	200*	300*	400*	500	250◇	120*	60*	30*	0*	2360	1020
153	STELLAR CREEK	0	0	100*	200	400	2010◇	1500*	1000*	500	250*	120*	60*	30*	10*	0*	6180	2670
SUBDISTRICT 221-50 TOTAL		100	800	3980	8130	8860	14820	8800	8850	9470	5780	4380	2180	1090	410	60	77710	32600
131	GORGE CREEK, PORT VAL	0	0	60*	130*	250	800◇	400*	200*	100*	0	0*	0*	0*	0*	0*	1940	840
133	SAWMILL CREEK	0*	80*	150*	300	400	260◇	130*	60*	110*	150	80*	40*	20*	0*	0*	1780	780
137	LONE RIVER	0*	0*	0*	0*	0	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	0
143	SIWASH CREEK	0*	0	0*	150*	300	600*	700*	800*	900*	1000*	2000*	1000*	500*	250*	120*	8320	3440
145	CROOKED CREEK	0*	0	50*	100*	200	0*	0*	0*	0*	0*	0◇	2000◇	2140◇	2750◇	4000◇	11240	5270
146	LITHERAL FLATS	0*	0	0*	80*	150	830*	1500	750*	750*	1520	5400◇	5700◇	4700◇	2350◇	1170*	24900	9820
SUBDISTRICT 221-60 TOTAL		0	80	260	760	1300	2490	2730	1810	1860	2670	7480	8740	7360	5350	5290	48180	20150
EASTERN TOTAL		100	1040	4820	10740	17720	33500	36560	28320	21030	17940	18800	20630	24440	5770	5350	246760	98170

◇ - FOOT COUNTS * - INTERPOLATIONS

-Continued-

Appendix F.5. (page 3 of 9)

NORTHERN DISTRICT — WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
204	HEATHER BAY	0*	0*	0*	0*	0*	0	0*	0	0	0*	0*	0*	0*	0*	0*	0	0
208	GRANIT COVE	0*	0*	0*	0*	0*	0	0*	0	0	0*	0*	0*	0*	0*	0*	0	0
209	USELESS CREEK	0*	0*	0*	0*	0	0*	0	0	0	0	0*	0*	0*	0*	0*	0	0
210	ELF CREEK	0*	0*	0*	0*	0*	0	0	0	0	0	0*	0*	0*	0*	0*	0	0
213	BENCH MARK CREEK	0	0	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0*	0	0
214	LONG CREEK	0	0	0	600	500	650*	800	400*	200*	100*	50*	30*	10*	0*	0*	3340	1870
216	VANISHING CREEK	0*	0*	0	0	300	250*	200	100*	300*	150*	80*	40*	20*	0*	0*	1440	820
217	SPRING CREEK	0*	0*	0	0	0	0	0	0	0	0	0*	0*	0*	0*	0*	0	0
218	BILLY'S CREEK	0	0	0	0	0	0*	0	0	0	0	0*	0*	0*	0*	0*	0	0
221	EICKELBERG CREEK	0*	0*	0*	0*	0*	0	0	0	0	0	0*	0*	0*	0*	0*	0	0
SUBDISTRICT 222-10 TOTAL		0	0	0	600	800	900	1000	500	500	250	130	70	30	0	0	6780	2690
224	BACKYARD CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0*	0*	0*	0*	0*	0	0
227	GRANITE CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
229	CEDAR CREEK	0*	0*	20	200	1800	1100*	400	200*	100*	50*	30*	10*	0*	0*	0*	3910	1700
232	DELTA CREEK	0*	0*	0*	0*	0*	0	0	0	0	0	0*	0	0*	0*	0*	0	0
234	WELLS CREEK	0	0	9000	13000	10000	11000	3000	1500*	750*	380*	190*	100*	0*	0*	0*	48920	26340
233	SURPLUS CREEK	0*	0*	0*	0*	0*	0	0	0	0	0	0*	0	0*	0*	0*	0	0
257	COMPLEX CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
258	WILLIAMS CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
259	JONAH CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
263	WATERFALL CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
264	SIWASH RIVER	0*	0*	0*	0*	0	30*	50	280*	500	1000*	500*	250*	120*	0*	0*	2730	1090
265	UHAKVIK CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
SUBDISTRICT 222-20 TOTAL		0	0	9020	13200	11800	12130	3450	1980	1350	1430	720	360	120	0	0	55560	29130
273	SCHOPPE CREEK	0*	0*	0*	0	10	20*	20	20*	10*	0	0*	0	0*	0*	0*	80	30
276	BLACK BEAR CREEK	0*	0*	0	0	50	180*	300	0	0	0	0*	0	0*	0*	0*	530	190
277	DEAD CREEK	0*	0*	0*	0*	0	0	0	0	30*	50	30*	10*	0*	0*	0*	120	70
278	COMEBACK CREEK	0*	0*	0*	0	0	0	0	0	100*	200	100*	30*	30*	0*	0*	460	250
279	CANYON CREEK	0*	0*	0	0	80*	150*	300	500*	250*	0	0*	0*	0*	0*	0*	1280	520
282	GOOD CREEK	0*	0*	0	0	50	1500	350	480*	600	300*	150*	80*	40*	0*	0*	3550	1510
283	BAD CREEK	0*	0*	0	0	50*	100*	200	350*	500	250*	120*	60*	30*	0*	0*	1660	690
289	DERICKSON CREEK	0*	0*	0*	0	0*	0	0	0	0	0	0*	0	0*	0*	0*	0	0
SUBDISTRICT 222-30 TOTAL		0	0	0	0	240	1950	1170	1350	1490	800	600	180	100	0	0	7660	3260
292	COWPEN CREEK	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	0
SUBDISTRICT 222-50 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTHERN TOTAL		0	0	9020	13800	12840	14980	5620	3830	3340	2480	1250	610	250	0	0	68020	35080

◊ - FOOT COUNTS * - INTERPOLATIONS

-Continued-

Appendix F.5. (page 4 of 9)

COGHILL DISTRICT

WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STM. TOTALS
414	HARRISON CREEK	0*	0*	0*	0	0	0	0	0	50*	100	50*	30*	10*	0*	0*	240	130
417	HOBO CREEK	0*	0*	0*	0	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
421	MILL CREEK	0*	0*	0*	0	30	200	150	80*	290*	500	250*	120*	60*	30*	0*	1710	700
424	OLD CREEK	0*	0*	0*	0	0	0	0	0	30*	50	30*	10*	0*	0*	0*	120	70
425	HUIDNER CREEK	0*	0*	0*	0*	0	0	0	0	80*	150	80*	40*	20*	10*	0*	380	210
428	PIRATE CREEK	0*	0*	0*	0	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
430	MEACHAM CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
432	SWANSON CREEK	0*	0*	0*	0*	200*	400	200*	100*	50*	30*	10*	0	0*	0*	0*	990	550
SUBDISTRICT 223-10 TOTAL		0	0	0	0	230	600	350	180	500	830	420	200	90	40	0	3440	1660
303	TRIPLE CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
307	VILLAGE CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
SUBDISTRICT 223-20 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
310	GOLDEN LAGOON	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
314	AVERY RIVER	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
322	COGHILL RIVER - BELOW	0*	0*	0*	0*	4500*	9000	9000	7000*	5000	5000	2500*	1250*	620*	310*	150*	44330	21550
	COGHILL RIVER - LAKE	0◊	0◊	0◊	3◊	13◊	195◊	6◊	0*	0*	0*	0*	0*	0*	0*	0*	217	60
SUBDISTRICT 223-30 TOTAL		0	0	0	3	4513	9195	9006	7000	5000	5000	2500	1250	620	310	150	44547	21630
COGHILL TOTAL		0	0	0	3	4743	9795	9356	7180	5500	5830	2920	1450	710	350	150	47987	23290

◊ - FOOT COUNTS * - INTERPOLATIONS

-Continued-

Appendix F.5. (page 5 of 9)

NORTHWESTERN DISTRICT — WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
435	LOGGING CAMP CREEK	0*	0*	0*	0	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
450	TEBENKOFF CREEK	0*	0*	0*	0	230*	450	500	350*	200	100*	50	30*	10*	0*	0*	1920	960
451	BLACKSTONE CREEK	0*	0*	0*	0	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
454	HALFERTY CREEK	0*	0*	0	150*	300	800	2000	1250*	500	900	450*	220*	110*	50*	0*	6730	2890
455	PAULSON CREEK	0*	0*	0*	0	900*	1800	2500	1250*	620*	310*	150*	80*	40*	20*	0*	7670	3870
456	PARKS CREEK	0*	0*	0*	0	150*	300	150	80	40*	20*	10*	0	0*	0*	0*	750	410
461	COCHRANE CREEK	0*	0*	0*	0	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
469	WICKETT CREEK	0*	0*	0*	0	0	30*	50	30*	10*	0	0*	0	0*	0*	0*	120	70
SUBDISTRICT 224-10 TOTAL		0	0	0	150	1580	3180	5200	2960	1370	1330	660	330	160	70	0	17190	8200
471	NARROWS CREEK	0*	0*	0*	0	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
476	SHROUDE CREEK	0*	0*	0*	0	0	0	0	0	0	0	0*	0	0*	0*	0*	0	0
479	CULROSS CREEK	0*	0*	0	0	300*	600	200	100*	50*	30*	10*	0	0*	0*	0*	1290	740
SUBDISTRICT 224-30 TOTAL		0	0	0	0	300	600	200	100	50	30	10	0	0	0	0	1290	740
480	MINK CREEK	0*	0*	0	0	100*	200	100*	50*	30*	10*	0*	0	0*	0*	0*	490	270
484	FINGER CREEK EAST	0*	0*	0*	0	50*	100	50*	30*	10*	0	0*	0	0*	0*	0*	240	130
485	FINGER CREEK WEST	0*	0*	0*	0	230*	450	1500	880*	250	120*	60*	30*	10*	0*	0*	3530	1660
493	MOST CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0	0	0*	0*	0*	0	0
495	CHINEVISKY LAGOON	0*	0*	0*	0	500	2500	1500	1000*	500	250*	120*	60*	30*	10*	0*	6470	3040
498	McCLURE CREEK	0*	0*	0*	0*	0	0	0	0	0	0	0*	0	0	0*	0*	0	0
SUBDISTRICT 224-40 TOTAL		0	0	0	0	880	3250	3150	1960	790	380	180	90	40	10	0	10730	5100
NORTHWESTERN TOTAL		0	0	0	150	2760	7230	8550	5020	2210	1740	850	420	200	80	0	29210	14040

0 - FOOT COUNTS * - INTERPOLATIONS

-Continued-

Appendix F.5. (page 6 of 9)

ESHAMY DISTRICT

WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
506	LOONIS CREEK	0*	0*	0*	0*	0*	0◇	0*	0*	0◇	0*	0◇	0*	0◇	0*	0*	0	0
507	GUNBOOT CREEK	0*	0*	0*	0*	0*	0◇	0*	0*	0◇	0*	0◇	0*	0◇	0*	0*	0	0
508	NORTH SHORE, ESHAMY L	0*	0*	0*	0*	0*	0◇	0*	0*	0◇	0*	0◇	0*	0◇	0*	0*	0	0
510	ELISHANSKY CREEK	0*	0*	0*	0*	0*	0◇	0*	0*	0◇	0*	0◇	0*	0◇	0*	0*	0	0
511	ESHAMY RIVER - BELOW	0*	0*	0*	0*	0*	0◇	0*	0*	0◇	0*	0◇	0*	0*	0*	0*	0	0
	ESHAMY RIVER - WEIR	0*	0*	0◇	0◇	0◇	0◇	0◇	0◇	0◇	0◇	0◇	0◇	0◇	0◇	0*	0	0
SUBDISTRICT 225-30 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESHAMY TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

◇ - FOOT COUNTS * - INTERPOLATIONS

-Continued-

SOUTHWESTERN DISTRICT — WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
601	PADDY CREEK	0*	0*	0*	0*	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
602	NACKTAN CREEK	0*	0*	0*	0*	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
603	EVAN CREEK	0*	0*	0*	0*	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
604	ERB CREEK	0*	0*	0*	0	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
608	JACKPOT RIVER	0*	0*	0*	0	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
610	KOMPKOFF RIVER	0*	0*	0*	0*	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
611	JACKPOT BAY, WEST ARM	0*	0*	0*	0*	0	0*	0	0	0	0*	0	0*	0*	0*	0	0	0
612	JACKPOT BAY, WEST ARM	0*	0*	0*	0*	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
613	JACKSON CREEK	0*	0*	0*	0	0	130*	250*	500	250*	120*	60*	30*	10*	0*	0*	1350	640
621	TOTEMOFF CREEK	0*	0*	0*	0*	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
623	BRIZGALOFF CREEK	0*	0*	0*	0*	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
630	BAINBRIDGE CREEK	0*	0*	0*	0	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
632	CLAW CREEK	0*	0*	0*	0*	0	0*	0	0	0	0*	0	0*	0*	0	0*	0	0
633	PABLO CREEK	0*	0*	0*	0	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
634	WHALE BAY, W. HEAD, S	0*	0*	0*	0	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
636	WHALE CREEK	0*	0*	0*	0*	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
SUBDISTRICT 226-20 TOTAL		0	0	0	0	0	130	250	500	250	120	60	30	10	0	0	1350	640
682	SNUG HARBOR	0*	0*	0*	0	0*	0*	0	0*	0*	0*	0*	0*	0*	0*	0*	0	0
SUBDISTRICT 226-30 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
655	JOHNSON CREEK	0*	0*	0*	0	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
656	HALVERSON CREEK	0*	0*	0*	0	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
665	BJORNE CREEK	0*	0*	0*	0	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
666	O'BRIEN CREEK	0*	0*	0*	0*	0	0*	0	0	0	0*	0	0*	0*	0*	0*	0	0
670	MONTGOMERY CREEK	0*	0*	0*	0*	0*	0*	0*	0	0	0*	0	0*	0*	0*	0*	0	0
672	LATOUCHE ISLAND, S. S	0*	0*	0*	0*	0*	0*	0*	0	0	0*	0	0*	0*	0*	0*	0	0
673	FALLS CREEK	0*	0*	0*	0*	0*	0*	0*	0	0	0*	0	0*	0*	0*	0*	0	0
676	HORSESHOE CREEK	0*	0*	0*	0*	0*	0*	0*	0	0	0*	0	0*	0*	0*	0*	0	0
677	HAYDEN CREEK	0*	0*	0*	0*	0*	0*	0*	0	0	0*	0	0*	0*	0*	0*	0	0
SUBDISTRICT 226-40 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
653	HOG CREEK	0*	0*	0*	0*	0*	0*	0*	0	0	0*	0*	0*	0*	0*	0*	0	0
SUBDISTRICT 226-50 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHWESTERN TOTAL		0	0	0	0	0	130	250	500	250	120	60	30	10	0	0	1350	640

0 - FOOT COUNTS * - INTERPOLATIONS

-Continued-

MONTAGUE DISTRICT

WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STK. TOTALS
702	POINT CREEK	0*	0*	0*	0*	0*	0	0*	0	0*	0	0	0*	0*	0*	0*	0	0
703	CLAM BEACH CREEK	0*	0*	0*	0*	0*	0	0*	0	0*	0	0*	0*	0*	0*	0*	0	0
707	MACLEOD CREEK	0*	0*	0*	0*	0*	0	0*	0	0*	0	0*	0*	0*	0*	0*	0	0
710	HANNING CREEK	0*	0*	0*	0*	0*	0	0*	0	0*	0	0*	0*	0*	0*	0*	0	0
711	QUADRA CREEK	0*	0*	0*	0*	0*	0	0*	0	0*	0	0*	0*	0*	0*	0*	0	0
717	MONTAGUE ISLAND, WEST	0*	0*	0*	0*	0	0	0*	0	0*	0	0*	0*	0*	0*	0*	0	0
718	MONTAGUE ISLAND, WEST	0*	0*	0*	0*	0	0	0*	0	0*	0	0*	0*	0*	0*	0*	0	0
719	MONTAGUE ISLAND, WEST	0*	0*	0*	0*	0	0	0*	0	0*	0	0*	0*	0*	0*	0*	0	0
722	MONTAGUE IS., GLACIER	0*	0*	0*	0*	0	0	0*	0	0*	0	0*	0*	0*	0*	0*	0	0
724	MONTAGUE IS., GLACIER	0*	0*	0*	0*	0	0	0*	0	0*	0	0*	0*	0*	0*	0*	0	0
725	MONTAGUE ISLAND, WEST	0*	0*	0*	0*	0	0*	0*	0*	0*	0	0*	0*	0*	0*	0*	0	0
726	MONTAGUE CREEK	0*	0*	0*	0*	0	0	0*	0	0*	0	0*	0*	0*	0*	0*	0	0
SUBDISTRICT 227-10 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
738	TUSSEL CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
739	SWAMP CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
740	KELEZ CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
741	CHALMERS RIVER	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
744	WILBY CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
745	WILD CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
746	SCHUMAN CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
747	CABIN CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
748	GILMOUR CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
749	SHAD CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
752	STOCKDALE CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
753	STOCKDALE BAY	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
754	DRY CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
758	ROCKY BAY, HEAD	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
759	ROCKY CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
766	CARR CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
770	UDALL CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
771	McKERNAN CREEK	0*	0*	0*	0*	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
774	ROSSWOG CREEK	0*	0*	0*	0*	0	0*	0	0	0*	0	0*	0*	0*	0*	0*	0	0
775	PAUTZKE CREEK	0*	0*	0*	0*	0*	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
788	GREEN CREEK	0*	0*	0*	0*	0*	0*	0	0*	0*	0	0*	0*	0*	0*	0*	0	0
SUBDISTRICT 227-20 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MONTAGUE TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

0 - FOOT COUNTS * - INTERPOLATIONS

-Continued-

SOUTHEASTERN DISTRICT

WEEK-ENDING DATE

STREAM NO.	STREAM NAME OR LOCATION	6/19	6/26	7/03	7/10	7/17	7/24	7/31	8/07	8/14	8/21	8/28	9/04	9/11	9/18	9/25	CUM. TOTALS	ADJ. STR. TOTALS
863	ORCA CREEK	0*	0*	0*	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
SUBDISTRICT 228-10 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
833	BATES CREEK	0*	0*	0	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
834	HARDY CREEK	0*	0*	0	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
835	SCOTT CREEK	0*	0*	0	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
836	DAN'S CREEK	0*	0*	0*	0	0	0	0	0*	0*	0*	0	0*	0*	0*	0*	0	0
837	WIDGEON CREEK	0*	0*	0	0	0*	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
839	GOOSE CREEK	0*	0*	0*	0*	0*	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
SUBDISTRICT 228-20 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
844	NAKAPKA CREEK	0*	0*	0*	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
847	HAWKINS CREEK	0*	0*	0	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
849	ROLLINS CREEK	0*	0*	0*	0	0*	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
850	CANOE CREEK	0*	0*	0	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
851	ZILLESENOFF CREEK	0*	0*	0	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
856	WEST LAGOON CREEK	0*	0*	0	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
857	EAST LAGOON CREEK	0*	0*	0	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
858	NORTH LAGOON CREEK	0*	0*	0*	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
861	BERNARD CREEK	0*	0*	0	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
862	CLAMDIGGERS CREEK	0*	0*	0*	0	0	0	0	0	0*	0	0	0*	0*	0*	0	0	0
SUBDISTRICT 228-30 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
827	CAPTAIN CREEK	0*	0*	0*	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
828	COOK CREEK	0*	0*	0*	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
829	KING CREEK	0*	0*	0*	0	0*	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
831	DOUBLE CREEK	0*	0*	0*	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
SUBDISTRICT 228-40 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
817	DEER CREEK	0*	0	0	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
818	JUANITA CREEK	0*	0	0	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
821	BROWN BEAR CREEK	0*	0	0	0	0	0	0	0	0*	0	0	0	0*	0*	0*	0	0
SUBDISTRICT 228-50 TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
805	PORT ETCHES, SOUTH SH	0*	0*	0*	0*	0*	0	0	0	0*	0*	0	0*	0*	0*	0*	0	0
806	DOG SALMON CREEK	0*	0*	0*	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
807	BEAVER CREEK	0*	0*	0*	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
810	GARDEN CREEK	0*	0*	0*	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
811	ETCHES CREEK	0*	0*	0*	0	0	0	0	0	0*	0	0	0*	0*	0*	0*	0	0
812	NUCHEK CREEK	0*	0	0	0	0	0	0	0	0*	0	0*	0*	0*	0*	0*	0	0
815	CONSTANTINE CREEK	0*	0	0	450	600	1000	2000	2500*	2000*	1000*	500*	250*	120*	60*	30*	10510	4610
SUBDISTRICT 228-60 TOTAL		0	0	0	450	600	1000	2000	2500	2000	1000	500	250	120	60	30	10510	4610
SOUTHEASTERN TOTAL		0	0	0	450	600	1000	2000	2500	2000	1000	500	250	120	60	30	10510	4610
SOUND TOTAL		100	1040	13840	25143	38663	66635	62336	42350	34330	29110	24380	23390	25730	6260	5530	403837	175830

C - FOOT COUNTS * - INTERPOLATIONS

Appendix F.6. Temporally stratified age and sex composition of the sockeye salmon escapement through the weir below Coghill Lake, 1985.[a]

		Brood Year and Age Group									
		1981			1980		1979			1978	
		0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	3.3	Total
Stratum Dates:	6/14 - 6/29										
Sample Dates:	6/26 - 6/29										
Sample Size:	592										
Female	Percent of Sample	0.2	5.7	0.0	24.5	1.7	0.0	1.4	0.2	0.0	33.7
	Number in Escapement	67	1,914	0	8,228	571	0	470	67	0	11,317
Male	Percent of Sample	0.0	40.5	0.0	11.8	13.5	0.0	0.5	0.0	0.0	66.3
	Number in Escapement	0	13,599	0	3,962	4,533	0	168	0	0	22,262
Total	Percent of Sample	0.2	46.2	0.0	36.3	15.2	0.0	1.9	0.2	0.0	100.0
	Number in Escapement	67	15,513	0	12,190	5,104	0	638	67	0	33,579
	Standard Error	62	689	0	664	496	0	189	62	0	
Stratum Dates:	6/30 - 7/07										
Sample Dates:	7/01 - 7/02										
Sample Size:	592										
Female	Percent of Sample	0.0	4.6	0.0	31.2	3.9	0.0	2.0	0.0	0.0	41.7
	Number in Escapement	0	3,540	0	24,010	3,001	0	1,539	0	0	32,090
Male	Percent of Sample	0.0	22.6	0.2	20.9	13.0	0.2	1.4	0.0	0.0	58.3
	Number in Escapement	0	17,392	154	16,084	10,004	154	1,077	0	0	44,865
Total	Percent of Sample	0.0	27.2	0.2	52.1	16.9	0.2	3.4	0.0	0.0	100.0
	Number in Escapement	0	20,932	154	40,094	13,005	154	2,616	0	0	76,955
	Standard Error	0	1,409	141	1,581	1,186	141	574	0	0	
Stratum Dates:	7/08 - 7/25										
Sample Dates:	7/15 - 7/19										
Sample Size:	408										
Female	Percent of Sample	0.0	17.7	0.0	18.6	12.7	0.2	1.2	0.0	0.2	50.6
	Number in Escapement	0	9,342	0	9,817	6,702	106	633	0	106	26,706
Male	Percent of Sample	0.0	27.5	0.5	10.1	10.3	0.0	0.8	0.2	0.0	49.4
	Number in Escapement	0	14,513	264	5,330	5,436	0	422	106	0	26,071
Total	Percent of Sample	0.0	45.2	0.5	28.7	23.0	0.2	2.0	0.2	0.2	100.0
	Number in Escapement	0	23,855	264	15,147	12,138	106	1,055	106	106	52,777
	Standard Error	0	1,302	185	1,183	1,101	117	366	117	117	

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Appendix F.6. (page 2 of 2)

		Brood Year and Age Group									
		1981			1980		1979			1978	
		0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	3.3	Total
Combined Strata:	6/14 - 7/25										
Sample Dates:	6/26 - 7/19										
Sample Size:	1,592										
Female	Percent of Sample	0.0	9.0	0.0	25.8	6.3	0.1	1.6	0.0	0.1	42.9
	Number in Escapement	67	14,796	0	42,055	10,274	106	2,642	67	106	70,113
Male	Percent of Sample	0.0	27.9	0.3	15.5	12.2	0.1	1.0	0.1	0.0	57.1
	Number in Escapement	0	45,504	418	25,376	19,973	154	1,667	106	0	93,198
Total	Percent of Sample	0.0	36.9	0.3	41.3	18.5	0.2	2.6	0.1	0.1	100.0
	Number in Escapement	67	60,300	418	67,431	30,247	260	4,309	173	106	163,311
	Standard Error	62	2,038	232	2,084	1,693	183	706	132	117	

[a]Based on daily counts of fish through a weir on the lake outlet and age and sex composition data from a systematic stratified sampling program.

Appendix F.7. Temporally stratified age and sex composition of the sockeye salmon escapement through the weir below Eshamy Lake, 1985.[a]

		Brood Year and Age Group						
		1981		1980		1979		
		1.2	2.1	1.3	2.2	2.3	3.2	Total
Stratum Dates:	7/01 - 7/26							
Sample Dates:	7/16 - 7/20							
Sample Size:	328							
Female	Percent of Sample	7.9	0.0	31.1	16.5	1.5	0.0	57.0
	Number in Escapement	152	0	597	317	29	0	1,095
Male	Percent of Sample	6.7	0.0	24.7	10.4	0.9	0.3	43.0
	Number in Escapement	129	0	474	200	17	6	826
Total	Percent of Sample	14.6	0.0	55.8	26.9	2.4	0.3	100.0
	Number in Escapement	281	0	1,071	517	46	6	1,921
	Standard Error	38	0	53	47	16	6	
Stratum Dates:	7/27 - 8/15							
Sample Dates:	7/29 - 8/10							
Sample Size:	599							
Female	Percent of Sample	8.0	0.0	5.5	38.1	0.2	0.0	51.8
	Number in Escapement	445	0	306	2,119	11	0	2,881
Male	Percent of Sample	8.7	0.0	7.9	31.1	0.5	0.0	48.2
	Number in Escapement	484	0	439	1,729	28	0	2,680
Total	Percent of Sample	16.7	0.0	13.4	69.2	0.7	0.0	100.0
	Number in Escapement	929	0	745	3,848	39	0	5,561
	Standard Error	85	0	77	105	19	0	
Stratum Dates:	8/16 - 10/01							
Sample Dates:	8/21 - 8/22							
Sample Size:	603							
Female	Percent of Sample	9.1	0.0	5.0	32.5	0.0	0.0	46.6
	Number in Escapement	1,692	0	930	6,044	0	0	8,666
Male	Percent of Sample	9.6	0.2	5.8	36.8	1.0	0.0	53.4
	Number in Escapement	1,786	37	1,079	6,844	186	0	9,932
Total	Percent of Sample	18.7	0.2	10.8	69.3	1.0	0.0	100.0
	Number in Escapement	3,478	37	2,009	12,888	186	0	18,598
	Standard Error	296	34	235	350	75	0	

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Appendix F.7. (page 2 of 2)

		Brood Year and Age Group						
		1981		1980		1979		
		1.2	2.1	1.3	2.2	2.3	3.2	Total
Strata Combined:	7/01 - 7/26							
Sample Dates:	7/16 - 7/20							
Sample Size:	1,530							
Female	Percent of Escapement	8.8	0.0	7.0	32.5	0.1	0.0	48.4
	Number in Escapement	2,289	0	1,833	8,480	40	0	12,642
Male	Percent of Escapement	9.2	0.1	7.7	33.7	0.9	0.0	51.6
	Number in Escapement	2,399	37	1,992	8,773	231	6	13,438
Total	Percent of Escapement	18.0	0.1	14.7	66.2	1.0	0.0	100.0
	Number in Escapement	4,688	37	3,825	17,253	271	6	26,080
	Standard Error	310	34	253	368	79	6	

[a]Based on daily escapement counts through a weir on the lake outlet and age and sex composition data from a systematic, stratified escapement sampling program at the weir.

APPENDIX G

Lengths of salmon by sex and age in the catches and escapements of the Copper/Bering River and the Prince William Sound area fisheries

Appendix G.1. Estimated mean length by sex and age of sockeye salmon in the commercial catches from the drift gill net fishery in the Copper River and Bering River Districts, 1985.

		Brood Year and Age Group											
		1982		1981		1980			1979			1978	
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	1.5	2.4
Copper River District													
Females	Mean Length	474	0	550	504	599	558	523	581	543	0	547	0
	Std. Error	11	0	2	2	16	1	5	5	2	0	0	0
	Range	419- 523	0- 0	473- 614	430- 582	568- 618	450- 639	482- 580	540- 617	470- 617	0- 0	547- 547	0- 0
	Sample Size	10	0	213	162	3	1509	24	23	262	0	1	0
Males	Mean Length	461	335	571	498	612	579	513	594	569	0	0	632
	Std. Error	7	0	2	3	0	1	7	8	2	0	0	0
	Range	409- 624	335- 335	486- 643	414- 596	612- 612	448- 680	460- 570	514- 656	477- 637	0- 0	0- 0	632- 632
	Sample Size	35	1	230	160	1	1560	21	24	235	0	0	1
All Fish	Mean Length	464	335	561	501	602	569	518	588	555	0	547	632
	Std. Error	6	0	1	2	12	1	4	5	1	0	0	0
	Range	409- 624	335- 335	473- 643	414- 596	568- 618	448- 680	460- 580	514- 656	470- 637	0- 0	547- 547	632- 632
	Sample Size	45	1	443	322	4	3069	45	47	497	0	1	1
Bering River District - Kayak Island													
Females	Mean Length	490	0	553	499	0	553	511	575	546	508	0	0
	Std. Error	2	0	12	11	0	2	16	17	5	0	0	0
	Range	488- 491	0- 0	516- 568	455- 595	0- 0	481- 670	430- 554	558- 592	508- 595	508- 508	0- 0	0- 0
	Sample Size	2	0	4	14	0	214	7	2	19	1	0	0
Males	Mean Length	530	0	552	509	0	575	517	613	566	0	608	0
	Std. Error	16	0	10	6	0	2	9	8	6	0	0	0
	Range	514- 545	0- 0	520- 575	440- 587	0- 0	460- 670	449- 579	597- 625	513- 632	0- 0	608- 608	0- 0
	Sample Size	2	0	5	32	0	337	12	3	26	0	1	0
All Fish	Mean Length	510	0	552	506	0	567	514	598	557	508	608	0
	Std. Error	13	0	7	5	0	1	8	12	4	0	0	0
	Range	488- 545	0- 0	516- 575	440- 595	0- 0	460- 670	430- 579	558- 625	508- 632	508- 508	608- 608	0- 0
	Sample Size	4	0	9	46	0	563	19	5	45	1	1	0

Appendix G.2. Estimated mean length by sex and age of chinook salmon in the commercial catches from the drift gill net fishery in the Copper River District, 1985.

		Brood Year and Age Group									
		1982	1981		1980			1979		1978	
		0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	1.5	2.4
Females	Mean Length	525	661	659	0	850	608	935	849	936	916
	Std. Error	48	123	8	0	3	0	2	14	16	9
	Range	477- 573	538- 783	507- 902	0- 0	587-1005	608- 608	512-1858	753- 936	920- 951	837-1046
	Sample Size	2	2	84	0	472	1	818	12	2	32
Males	Mean Length	527	1028	659	980	885	638	984	852	1079	966
	Std. Error	41	0	8	16	6	85	2	34	19	11
	Range	486- 568	1028-1028	472- 928	945-1012	649-1900	553- 722	5-1151	745-1013	970-1161	895-1035
	Sample Size	2	1	90	4	266	2	840	9	12	16
All Fish	Mean Length	526	783	659	980	862	628	960	850	1059	933
	Std. Error	26	141	6	16	3	50	2	16	21	8
	Range	477- 573	538-1028	472- 928	945-1012	587-1900	553- 722	5-1858	745-1013	920-1161	837-1046
	Sample Size	4	3	174	4	738	3	1658	21	14	48

Appendix G.3. Estimated mean length by sex and age of coho salmon in the commercial catches from the drift gill net fishery in the Copper River and Bering River Districts, 1985.

		Brood Year and Age Group				
		1983	1982	1981		1980
		0.1	1.1	1.2	2.1	3.1
Copper River District Samples						
Females	Mean Length	0	622	0	651	650
	Std. Error	0	7	0	6	20
	Range	0- 0	422- 707	0- 0	437- 734	596- 688
	Sample Size	0	81	0	94	4
Males	Mean Length	630	600	580	620	610
	Std. Error	0	4	0	4	24
	Range	630- 630	412- 745	580- 580	472- 770	503- 736
	Sample Size	1	364	1	258	10
All Fish	Mean Length	630	604	580	628	622
	Std. Error	0	3	0	4	18
	Range	630- 630	412- 745	580- 580	437- 770	503- 736
	Sample Size	1	445	1	352	14
Bering River District - Controller Bay Samples						
Females	Mean Length	0	653	650	0	624
	Std. Error	0	10	8	0	52
	Range	0- 0	564- 698	582- 716	0- 0	572- 675
	Sample Size	0	13	22	0	2
Males	Mean Length	0	651	668	0	676
	Std. Error	0	7	5	0	14
	Range	0- 0	568- 721	570- 772	0- 0	615- 718
	Sample Size	0	24	53	0	7
All Fish	Mean Length	0	652	663	0	664
	Std. Error	0	6	5	0	16
	Range	0- 0	564- 721	570- 772	0- 0	572- 718
	Sample Size	0	37	75	0	9

Appendix G.4. Estimated mean length by sex and age of sockeye salmon sampled in the Chitina personal use and subsistence dip net and fish wheel fisheries combined, 1985.

		Brood Year and Age Group									
		1982		1981		1980			1979		1978
		0.2	1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	2.4
Females	Mean Length	440	316	532	477	0	547	480	571	539	0
	Std. Error	15	6	3	3	0	1	5	12	2	0
	Range	421- 528	306- 326	465- 570	394- 593	0- 0	419- 634	406- 590	546- 610	458- 610	0- 0
	Sample Size	7	3	74	123	0	1163	56	6	189	0
Males	Mean Length	431	0	575	497	591	577	520	611	566	557
	Std. Error	3	0	8	6	0	1	9	13	3	0
	Range	426- 435	0- 0	502- 853	423- 626	591- 591	461- 858	470- 642	545- 658	454- 683	557- 557
	Sample Size	3	0	53	50	1	861	23	9	101	1
All Fish	Mean Length	437	316	550	483	591	560	492	595	548	557
	Std. Error	10	6	4	3	0	1	5	10	2	0
	Range	421- 528	306- 326	465- 853	394- 626	591- 591	419- 858	406- 642	545- 658	454- 683	557- 557
	Sample Size	10	3	127	173	1	2030	79	15	290	1

Appendix G.5. Estimated mean length by sex and age of sockeye salmon escapements through the weir at Long Lake, 1985.

		Brood Year and age Group			
		1981	1980		1979
		1.2	1.3	2.2	2.3
Females	Mean Length	505	560	516	568
	Std. Error	2	2	2	9
	Range	419- 567	453- 620	475- 559	541- 582
	Sample Size	177	190	61	4
Males	Mean Length	515	573	533	587
	Std. Error	3	2	4	7
	Range	425- 620	491- 628	496- 590	550- 623
	Sample Size	94	149	29	10
All Fish	Mean Length	509	566	521	581
	Std. Error	1	1	2	6
	Range	419- 620	453- 628	475- 590	541- 623
	Sample Size	271	339	90	14

Appendix G.6. Estimated mean length by sex and age of sockeye salmon in the escapement to the Copper River Delta, 1985.

		Brood Year and Age Group										
		1983	1982		1981			1980			1979	
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3
Eyak Lake												
Females	Mean Length	0	0	0	528	485	0	0	511	0	0	0
	Std. Error	0	0	0	27	6	0	0	5	0	0	0
	Range	0- 0	0- 0	0- 0	451- 577	401- 538	0- 0	0- 0	422- 597	0- 0	0- 0	0- 0
	Sample Size	0	0	0	4	30	0	0	103	0	0	0
Males	Mean Length	0	421	324	581	430	0	0	554	0	502	0
	Std. Error	0	16	4	0	8	0	0	10	0	0	0
	Range	0- 0	373- 477	304- 346	581- 581	325- 548	0- 0	0- 0	396- 631	0- 0	502- 502	0- 0
	Sample Size	0	6	11	1	48	0	0	46	0	1	0
All Fish	Mean Length	0	421	324	538	451	0	0	524	0	502	0
	Std. Error	0	16	4	24	6	0	0	5	0	0	0
	Range	0- 0	373- 477	304- 346	451- 581	325- 548	0- 0	0- 0	396- 631	0- 0	502- 502	0- 0
	Sample Size	0	6	11	5	78	0	0	149	0	1	0
McKinley Lake												
Females	Mean Length	0	481	0	554	494	0	625	553	504	0	551
	Std. Error	0	14	0	4	2	0	5	1	5	0	9
	Range	0- 0	436- 541	0- 0	522- 576	370- 552	0- 0	620- 629	448- 615	479- 529	0- 0	500- 586
	Sample Size	0	9	0	16	234	0	2	340	11	0	10
Males	Mean Length	336	434	331	561	457	0	651	584	472	0	603
	Std. Error	37	1	2	18	2	0	0	3	8	0	5
	Range	299- 373	370- 524	297- 377	500- 638	321- 598	0- 0	651- 651	424- 650	437- 526	0- 0	598- 608
	Sample Size	2	196	71	8	435	0	1	115	13	0	2
All Fish	Mean Length	336	436	331	556	470	0	633	561	486	0	560
	Std. Error	37	2	2	6	1	0	9	1	6	0	9
	Range	299- 373	370- 541	297- 377	500- 638	321- 598	0- 0	620- 651	424- 650	437- 529	0- 0	500- 608
	Sample Size	2	205	71	24	669	0	3	455	24	0	12

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Appendix G.6. (page 2 of 5)

		Brood Year and Age Group										
		1983	1982		1981			1980			1979	
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3
Twenty-Seven Mile Slough												
Females	Mean Length	0	428	0	562	490	0	611	562	433	606	570
	Std. Error	0	19	0	2	5	0	0	3	0	16	0
	Range	0- 0	400- 521	0- 0	526- 611	420- 546	0- 0	611- 611	448- 601	433- 433	590- 622	570- 570
	Sample Size	0	6	0	61	32	0	1	76	1	2	1
Males	Mean Length	0	432	331	589	444	0	0	580	445	665	0
	Std. Error	0	1	3	8	1	0	0	8	7	0	0
	Range	0- 0	376- 545	320- 346	489- 640	395- 540	0- 0	0- 0	505- 640	432- 452	665- 665	0- 0
	Sample Size	0	324	8	24	258	0	0	22	3	1	0
All Fish	Mean Length	0	432	331	570	449	0	611	566	442	626	570
	Std. Error	0	1	3	3	1	0	0	3	6	22	0
	Range	0- 0	376- 545	320- 346	489- 640	395- 546	0- 0	611- 611	448- 640	432- 452	590- 665	570- 570
	Sample Size	0	330	8	85	290	0	1	98	4	3	1
Thirty-Nine Mile Creek												
Females	Mean Length	0	0	0	559	487	0	554	569	0	0	595
	Std. Error	0	0	0	6	5	0	0	1	0	0	0
	Range	0- 0	0- 0	0- 0	522- 588	433- 532	0- 0	554- 554	512- 630	0- 0	0- 0	595- 595
	Sample Size	0	0	0	13	26	0	1	396	0	0	1
Males	Mean Length	0	440	329	609	456	0	0	604	470	0	590
	Std. Error	0	13	4	4	3	0	0	1	0	0	20
	Range	0- 0	398- 505	325- 332	589- 625	402- 557	0- 0	0- 0	506- 664	470- 470	0- 0	570- 610
	Sample Size	0	8	2	10	92	0	0	316	1	0	2
All Fish	Mean Length	0	440	329	580	463	0	554	585	470	0	592
	Std. Error	0	13	4	6	3	0	0	1	0	0	12
	Range	0- 0	398- 505	325- 332	522- 625	402- 557	0- 0	554- 554	506- 664	470- 470	0- 0	570- 610
	Sample Size	0	8	2	23	118	0	1	712	1	0	3

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Appendix G.6. (page 3 of 5)

		Brood Year and Age Group										
		1983	1982		1981			1980			1979	
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3
Ragged Point Lake												
Females	Mean Length	0	475	295	560	490	0	0	560	488	0	563
	Std. Error	0	3	0	12	4	0	0	2	0	0	5
	Range	0- 0	412- 516	295- 295	500- 579	439- 582	0- 0	0- 0	455- 612	488- 488	0- 0	546- 593
	Sample Size	0	37	1	6	56	0	0	166	1	0	12
Males	Mean Length	372	436	333	538	436	336	0	586	333	0	591
	Std. Error	31	1	3	13	2	4	0	3	7	0	6
	Range	285- 428	386- 522	292- 601	521- 590	325- 538	290- 370	0- 0	416- 646	326- 339	0- 0	578- 610
	Sample Size	4	290	109	5	144	19	0	102	2	0	6
All Fish	Mean Length	372	440	333	550	451	336	0	570	384	0	572
	Std. Error	31	1	3	9	3	4	0	2	52	0	5
	Range	285- 428	386- 522	292- 601	500- 590	325- 582	290- 370	0- 0	416- 646	326- 488	0- 0	546- 610
	Sample Size	4	327	110	11	200	19	0	268	3	0	18
Martin Lake												
Females	Mean Length	0	507	496	566	479	0	0	552	0	0	560
	Std. Error	0	59	0	9	2	0	0	4	0	0	0
	Range	0- 0	448- 566	496- 496	539- 617	407- 579	0- 0	0- 0	503- 630	0- 0	0- 0	560- 560
	Sample Size	0	2	1	8	120	0	0	45	0	0	1
Males	Mean Length	0	424	318	621	434	0	624	582	438	0	0
	Std. Error	0	4	2	0	1	0	0	9	0	0	0
	Range	0- 0	396- 463	280- 444	621- 621	342- 538	0- 0	624- 624	522- 628	438- 438	0- 0	0- 0
	Sample Size	0	21	149	1	453	0	1	12	2	0	0
All Fish	Mean Length	0	431	319	572	444	0	624	558	438	0	560
	Std. Error	0	7	2	10	1	0	0	4	0	0	0
	Range	0- 0	396- 566	280- 496	539- 621	342- 579	0- 0	624- 624	503- 630	438- 438	0- 0	560- 560
	Sample Size	0	23	150	9	573	0	1	57	2	0	1

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Appendix G.6. (page 4 of 5)

		Brood Year and Age Group										
		1983	1982		1981			1980			1979	
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3
Little Martin Lake												
Females	Mean Length	0	480	340	539	486	0	0	547	499	0	0
	Std. Error	0	9	4	6	2	0	0	2	0	0	0
	Range	0- 0	450- 513	328- 352	521- 553	422- 558	0- 0	0- 0	435- 593	499- 499	0- 0	0- 0
	Sample Size	0	6	8	5	150	0	0	118	1	0	0
Males	Mean Length	334	426	331	0	439	0	0	558	449	0	0
	Std. Error	0	3	1	0	2	0	0	9	0	0	0
	Range	334- 334	382- 466	299- 411	0- 0	319- 535	0- 0	0- 0	500- 623	449- 449	0- 0	0- 0
	Sample Size	1	30	163	0	216	0	0	16	1	0	0
All Fish	Mean Length	334	435	332	539	458	0	0	548	474	0	0
	Std. Error	0	5	1	6	2	0	0	2	25	0	0
	Range	334- 334	382- 513	299-,411	521- 553	319- 558	0- 0	0- 0	435- 623	449- 499	0- 0	0- 0
	Sample Size	1	36	171	5	366	0	0	134	2	0	0
Tokun Lake Weir												
Females	Mean Length	0	0	0	606	488	0	545	564	496	0	563
	Std. Error	0	0	0	62	2	0	0	1	0	0	7
	Range	0- 0	0- 0	0- 0	544- 668	413- 554	0- 0	545- 545	511- 629	496- 496	0- 0	531- 591
	Sample Size	0	0	0	2	281	0	1	240	1	0	11
Males	Mean Length	0	0	332	557	486	0	0	598	547	646	608
	Std. Error	0	0	10	0	3	0	0	2	0	0	0
	Range	0- 0	0- 0	322- 342	557- 557	413- 575	0- 0	0- 0	323- 663	547- 547	646- 646	608- 608
	Sample Size	0	0	2	1	191	0	0	251	1	1	1
All Fish	Mean Length	0	0	332	590	487	0	545	581	522	646	567
	Std. Error	0	0	10	39	2	0	0	1	26	0	7
	Range	0- 0	0- 0	322- 342	544- 668	413- 575	0- 0	545- 545	323- 663	496- 547	646- 646	531- 608
	Sample Size	0	0	2	3	472	0	1	491	2	1	12

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Appendix G.6. (page 5 of 5)

		Brood Year and Age Group										
		1983	1982		1981			1980			1979	
		0.1	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3
Martin River Slough												
Females	Mean Length	0	462	0	547	471	0	557	555	0	496	615
	Std. Error	0	7	0	2	7	0	0	3	0	0	0
	Range	0- 0	415- 495	0- 0	492- 602	399- 517	0- 0	557- 557	502- 620	0- 0	496- 496	615- 615
	Sample Size	0	11	0	196	18	0	1	61	0	1	1
Males	Mean Length	0	425	321	565	439	0	542	562	429	0	538
	Std. Error	0	1	5	4	2	0	0	9	18	0	0
	Range	0- 0	370- 500	300- 340	412- 626	390- 516	0- 0	542- 542	407- 633	411- 447	0- 0	538- 538
	Sample Size	0	505	8	140	149	0	1	39	2	0	1
All Fish	Mean Length	0	426	321	554	442	0	550	558	429	496	577
	Std. Error	0	1	5	2	2	0	8	4	18	0	39
	Range	0- 0	370- 500	300- 340	412- 626	390- 517	0- 0	542- 557	407- 633	411- 447	496- 496	538- 615
	Sample Size	0	516	8	336	167	0	2	100	2	1	2

Appendix G.7. Estimated age and sex composition of the sockeye salmon escapement to the Bering River drainage, 1985.

		1983	1982		1981		1980				1979		
		0.1	0.2	1.1	0.3	1.2	0.4	2.1	1.3	2.2	1.4	2.3	3.2
Bering Lake													
Females	Mean Length	0	470	323	546	483	0	0	551	482	0	537	0
	Std. Error	0	4	0	18	4	0	0	2	0	0	5	0
	Range	0- 0	430- 515	323- 323	500- 586	434- 577	0- 0	0- 0	497- 597	482- 482	0- 0	530- 547	0- 0
	Sample Size	0	19	1	4	47	0	0	147	1	0	3	0
Males	Mean Length	412	432	319	517	444	628	0	571	456	0	588	0
	Std. Error	0	2	2	0	4	0	0	4	11	0	19	0
	Range	412- 412	338- 527	279- 453	517- 517	297- 580	628- 628	0- 0	442- 643	443- 490	0- 0	555- 629	0- 0
	Sample Size	1	132	119	1	104	1	0	106	4	0	4	0
All Fish	Mean Length	412	436	319	540	456	628	0	559	461	0	566	0
	Std. Error	0	2	2	15	3	0	0	2	10	0	15	0
	Range	412- 412	338- 527	279- 453	500- 586	297- 580	628- 628	0- 0	442- 643	443- 490	0- 0	530- 629	0- 0
	Sample Size	1	151	120	5	151	1	0	253	5	0	7	0
Kushtaka Lake													
Females	Mean Length	0	461	454	552	459	0	0	517	471	0	513	0
	Std. Error	0	0	0	0	1	0	0	5	5	0	11	0
	Range	0- 0	461- 461	454- 454	552- 552	414- 550	0- 0	0- 0	460- 561	416- 571	0- 0	453- 562	0- 0
	Sample Size	0	1	1	1	262	0	0	20	49	0	8	0
Males	Mean Length	0	433	324	0	456	0	351	562	469	0	0	459
	Std. Error	0	22	4	0	2	0	8	18	6	0	0	0
	Range	0- 0	411- 455	304- 344	0- 0	402- 574	0- 0	333- 386	513- 622	398- 563	0- 0	0- 0	459- 459
	Sample Size	0	2	11	0	192	0	6	7	35	0	0	1
All Fish	Mean Length	0	442	334	552	457	0	351	528	470	0	513	459
	Std. Error	0	16	11	0	1	0	8	7	4	0	11	0
	Range	0- 0	411- 461	304- 454	552- 552	402- 574	0- 0	333- 386	460- 622	398- 571	0- 0	453- 562	459- 459
	Sample Size	0	3	12	1	454	0	6	27	84	0	8	1

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		1983	1982		1981		1980				1979		
		0.1	0.2	1.1	0.3	1.2	0.4	2.1	1.3	2.2	1.4	2.3	3.2
Shepherd Creek													
Females	Mean Length	0	469	0	555	479	591	0	555	0	586	561	0
	Std. Error	0	7	0	7	5	0	0	2	0	4	10	0
	Range	0- 0	419- 500	0- 0	511- 626	412- 534	591- 591	0- 0	500- 630	0- 0	554- 610	551- 571	0- 0
	Sample Size	0	12	0	16	42	1	0	134	0	14	2	0
Males	Mean Length	0	432	330	575	443	0	0	572	450	612	597	0
	Std. Error	0	2	7	10	3	0	0	3	28	9	0	0
	Range	0- 0	391- 517	295- 394	523- 620	371- 548	0- 0	0- 0	450- 639	412- 505	591- 640	597- 597	0- 0
	Sample Size	0	143	13	12	103	0	0	127	3	5	1	0
All Fish	Mean Length	0	435	330	564	454	591	0	563	450	593	573	0
	Std. Error	0	2	7	6	3	0	0	2	28	5	13	0
	Range	0- 0	391- 517	295- 394	511- 626	371- 548	591- 591	0- 0	450- 639	412- 505	554- 640	551- 597	0- 0
	Sample Size	0	155	13	28	145	1	0	262	3	19	3	0

Appendix G.8. Estimated age and sex composition of the sockeye salmon in the commercial catches from the drift gill net fisheries in the Coghill and Unakwik Districts of Prince William Sound, 1985.

		Brood Year and Age Group									
		1982	1981			1980		1979			1978
		1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	3.3
Coghill District											
Females	Mean Length	0	555	512	0	573	515	621	569	0	585
	Std. Error	0	0	3	0	1	5	20	4	0	12
	Range	0- 0	555- 555	450- 558	0- 0	40- 645	437- 587	601- 640	486- 621	0- 0	527- 618
	Sample Size	0	1	44	0	871	40	2	52	0	7
Males	Mean Length	348	636	502	347	594	522	608	585	549	630
	Std. Error	0	0	7	0	2	4	10	12	0	0
	Range	348- 348	636- 636	30- 582	347- 347	9- 670	457- 614	590- 623	56- 662	549- 549	630- 630
	Sample Size	1	1	111	1	627	51	3	49	1	1
All Fish	Mean Length	348	596	504	347	581	519	613	577	549	590
	Std. Error	0	41	5	0	1	3	9	6	0	12
	Range	348- 348	555- 636	30- 582	347- 347	9- 670	437- 614	590- 640	56- 662	549- 549	527- 630
	Sample Size	1	2	156	1	1506	91	5	102	1	8
Unakwik District											
Females	Mean Length	0	553	516	0	564	514	0	561	0	0
	Std. Error	0	0	14	0	1	6	0	4	0	0
	Range	0- 0	553- 553	445- 597	0- 0	490- 616	490- 552	0- 0	526- 598	0- 0	0- 0
	Sample Size	0	1	9	0	330	13	0	25	0	0
Males	Mean Length	0	0	513	0	588	517	632	583	0	0
	Std. Error	0	0	8	0	1	9	12	5	0	0
	Range	0- 0	0- 0	423- 613	0- 0	522- 641	432- 580	620- 644	538- 632	0- 0	0- 0
	Sample Size	0	0	31	0	256	17	2	25	0	0
All Fish	Mean Length	0	553	514	0	575	516	632	572	0	0
	Std. Error	0	0	7	0	1	6	12	3	0	0
	Range	0- 0	553- 553	423- 613	0- 0	490- 641	432- 580	620- 644	526- 632	0- 0	0- 0
	Sample Size	0	1	40	0	586	30	2	50	0	0

Appendix G.9. Estimated age and sex composition of the sockeye salmon escapements through weirs at Coghill and Eshamy Lakes, 1985.

		Brood Year and Age Group								
		1981			1980		1979			1978
		0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	3.3
Coghill Weir										
Females	Mean Length	590	479	0	539	484	565	533	480	510
	Std. Error	0	2	0	1	3	0	5	0	0
	Range	590- 590	395- 555	0- 0	250- 610	430- 570	565- 565	480- 574	480- 480	510- 510
	Sample Size	1	132	0	405	85	1	25	1	1
Males	Mean Length	0	449	358	564	455	655	564	495	0
	Std. Error	0	1	4	3	2	0	6	0	0
	Range	0- 0	365- 610	350- 365	405- 630	330- 540	655- 655	515- 590	495- 495	0- 0
	Sample Size	0	485	3	235	199	1	14	1	0
All Fish	Mean Length	590	455	358	548	463	610	544	488	510
	Std. Error	0	1	4	1	2	45	4	8	0
	Range	590- 590	365- 610	350- 365	250- 630	330- 570	565- 655	480- 590	480- 495	510- 510
	Sample Size	1	617	3	640	284	2	39	2	1
Eshamy Weir										
Females	Mean Length	0	548	0	594	559	0	588	0	0
	Std. Error	0	2	0	2	1	0	9	0	0
	Range	0- 0	477- 638	0- 0	506- 660	476- 657	0- 0	558- 610	0- 0	0- 0
	Sample Size	0	129	0	165	478	0	6	0	0
Males	Mean Length	0	567	608	620	583	0	605	0	0
	Std. Error	0	3	0	3	1	0	16	0	0
	Range	0- 0	452- 670	608- 608	507- 685	478- 653	0- 0	500- 668	0- 0	0- 0
	Sample Size	0	132	1	163	441	0	12	0	0
All Fish	Mean Length	0	558	608	607	570	0	599	0	0
	Std. Error	0	2	0	2	1	0	11	0	0
	Range	0- 0	452- 670	608- 608	506- 685	476- 657	0- 0	500- 668	0- 0	0- 0
	Sample Size	0	261	1	329	919	0	18	0	0

APPENDIX H

Commercial catch weight data for Copper/Bering River and Prince William Sound area fisheries

Appendix H.1. Average weights in pounds of salmon in the commercial catches from the gill net and purse seine fisheries in the Copper/Bering and Prince William Sound areas, 1985.[a]

	Average Weight (in pounds) by Species				
	Chinook	Sockeye	Coho	Pink	Chum
Area and Fisheries					
Copper District Drift Gill Net	27.9	5.9	10.2	4.0	7.4
Bering District Drift Gill Net	18.4	6.0	10.3	4.3	6.8
Coghill District Drift Gill Net	14.6	6.3	7.8	4.1	8.0
Unakwik District Drift Gill Net	17.4	6.4	7.9	3.6	8.8
Eshamy District Drift and Set Gill Net	8.5	6.2	8.8	3.6	7.5
Prince William Sound Purse Seine	16.1	6.1	8.3	3.4	9.1

[a]Based on fish ticket summaries. Typically during each fishing period a portion of each delivery to a tender boat is counted into a brailer, weighed, and the average weight per fish is computed. This average weight is used to compute the number of fish in the total delivery. The average weights in this table are the total weight of the catch by species, gear, and fishery divided the estimated total number of fish by species, gear, and fishery as computed from fish tickets.

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