# TECHNICAL FISHERY REPORT 90-12

Alaska Department of Fish and Game
Division of Commercial Fisheries
P.O. Box 3-2000
Juneau, Alaska

October 1990

## Abundance, Age, Sex, and Size of Chinook Salmon Catches and Escapements in Southeast Alaska in 1986

by

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The Technical Fishery Report Series was established in 1987, replacing the Technical Data Report Series. The scope of this new series has been broadened to include reports that may contain data analysis, although data oriented reports lacking substantial analysis will continue to be included. The new series maintains an emphasis on timely reporting of recently gathered information, and this may sometimes require use of data subject to minor future adjustments. Reports published in this series are generally interim, annual, or iterative rather than final reports summarizing a completed study or project. They are technically oriented and intended for use primarily by fishery professionals and technically oriented fishing industry representatives. Publications in this series have received several editorial reviews and at least one *blind* peer review refereed by the division's editor and have been determined to be consistent with the division's publication policies and standards.

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Technical Fishery Report No. 90-??

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## ACKNOWLEDGMENTS

A number of people assisted in the collection of abundance, age, sex, and size data used in this report. Commercial Fisheries Division employees of the Alaska Department of Fish and Game (ADF&G) worked long and irregular hours to collect catch samples. In particular, we thank Karl Hofmeister, Andy McGregor, Demarie Wood, Linnea Neuman, Sue Carter, and Jan Weller for their supervisory and sampling efforts. Brian Lynch and his crew collected samples from chinook salmon caught in fish wheel and test gill net gear on the Stikine River. John E. Clark and Scott McPherson developed the computer programs used to summarize the age, sex, and size data in this report. Eileen Sturrock aged all scales. Andy McGregor (ADF&G) and Pat Milligan (Canadian Department of Fisheries and Oceans) headed up the sampling of chinook salmon caught by gill net and fish wheel gear in the lower Taku River. Peter Etherton provided data for some escapements in Canada. ADF&G, Fisheries Rehabilitation, Enhancement and Development personnel provided escapement counts and age, sex, and size data were provided for returns to Crystal Lake Hatchery, Andrews Creek and Farragut River by Bob Zorich to Deer Mountain Hatchery by Carol Denton, and provided samples from Tahini and King Salmon Rivers and Snettisham Hatchery by Ron Josephson. Escapements to to Little Port Walter hatchery were provided by Alex Wertheimer and Jeff Hard (National Marine Fisheries Service). Paul Kissner (ADF&G, Sport Fish Division) provided the Nakina River data and assisted in obtaining several escapement samples, wihle Paul Suchanek provided the sport fish age composition.

## PROJECT SPONSORSHIP

This investigation was partially financed with Anadromous Fish Conservation Act (P.L. 89-304 as amended) funds under project No. AFC-75 and with U.S./Canada Pacific Salmon Treaty funds.

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## ABSTRACT

A total of 279,346 chinook salmon (*Oncorhynchus tshawytscha* Walbaum) were harvested in Southeast Alaska and Yakutat during the 1985-86 winter troll fishery and the 1986 summer troll, seine, gill net (drift and set), trap, sport, and subsistence fisheries. The summer troll fishery catch of 214,180 chinook salmon represented 77% of the total harvest and most were caught in outer coastal waters. The winter troll fishery harvested 18,947 chinook salmon. Purse seiners harvested 12,195 chinook salmon, and drift gill net fishermen harvested 8,569. Yakutat set gill net fishermen harvested 1,423 fish. The Southeast Alaskan sport harvest was 21,125 chinook salmon and Canadian sport harvest on the Alsek river totaled 128. Small harvests were taken by the Canadian commercial gill net fisheries on the Taku (275 fish) and Stikine (910 fish) Rivers, by the Annette Island Fishery Reserve fish traps (137 fish), by Alaskan subsistence fishermen (329 fish), and by Canadian Indian food fishermen on the Stikine (1,026 fish) and Alsek (102 fish) Rivers. The estimated total Southeast Alaska chinook salmon escapement was 46,109.

Catch statistics and escapement estimates are further summarized for chinook salmon in Southeast Alaska for the 1986 season. Commercial troll, seine, and gill net catches were portioned into age and length groups based on available sample data. The age and length composition of the 1986 troll harvest was summarized by sampling period for four areas of Southeast Alaska. Age, sex, and length data are also presented for sport and Canadian transboundary river fisheries and for escapements to 14 rivers or tributaries and 3 hatcheries in the region.

There were differences in chinook age compositions of commercial harvests by gear type, area, and time. Most of the fish harvested in the summer troll and seine fisheries had gone to sea during the first year of life (age-0.; 62.2 and 69.3 percent, respectively), while only 11.5% of the fish sampled from the gill net fisheries were age-0. The percentage of age-0. fish in the summer troll fishery was highest in the outer coastal areas. Age-0.3, -1.3, and -0.4 fish predominated in the troll fishery. The percentage of age-0.2 and -1.2 fish in the summer troll fishery increased through time and probably represents recruitment to the fishery. The percentage of fish aged 0.4 and 1.4 decreased through the summer and probably reflects emigration out of the fishery for these maturing fish.

Age-1. chinook salmon predominated samples from Alaskan wild and hatchery returns. Age composition analysis reveals that virtually all the 138,861 age 0. fish harvested in the summer troll and net fisheries were of non-Alaskan origin.


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KEY WORDS: Catch allocation, age composition, chinook salmon, *Oncorhynchus tshawytscha*, fishery synopsis, Southeast Alaska, catch and escapement.

## INTRODUCTION

The management of Southeast Alaska's chinook salmon (*Oncorhynchus tshawytscha* Walbaum) fisheries is complicated by high user demand for a generally depressed resource harvested in highly mixed-stock fisheries. Natural and hatchery stocks originating from Oregon to Alaska have been shown to contribute to the fisheries of Southeast Alaska (Parker and Kirkness 1956; Clark, et al. 1985). Chinook salmon are harvested in commercial, sport, and subsistence fisheries in Southeast Alaska, however, the majority are taken by the commercial troll fleet during the summer. Annual commercial catches averaged about 320,000 fish during the 1970's and early 1980's. In the 1930's the annual harvest was approximately twice this, or 610,000 fish. Since 1980 Southeast Alaska fisheries have been managed so that the annual catch falls within guideline harvest levels established by the Alaska Board of Fisheries, the North Pacific Fisheries Management Council, and since 1985, by the Pacific Salmon Commission under the terms of the Pacific Salmon Treaty. A major intent of the Pacific Salmon Treaty is to rebuild depressed natural runs of chinook salmon coastwide by 1998. Annual assessment of the magnitude and age, sex, and size composition of chinook salmon catches and escapements is needed to establish and evaluate management strategies intended to achieve treaty goals. In addition, this information is useful for establishment of domestic management policies intended to optimize escapements, maximize harvests, and equitably allocate the resource between user groups.

The objective of this report is to document the available data regarding the magnitudes and the composition by age, sex, weight and length of catches and escapements of chinook salmon in Southeast Alaska during 1986. We also estimate the minimum number of non-Alaskan and maximum number of Alaskan (including transboundary stocks for which proprietorship is shared between Alaska and Canada under the U.S./Canada Pacific Salmon Treaty) origin chinook salmon harvested in the summer troll, seine, and gill net fisheries based on age composition data. This report is intended to serve as a data base document, hence interpretation and discussion of the data is limited. Data pertaining to the transboundary river stocks was collected in cooperation with the Canadian Department of Fisheries and Oceans (CDFO).

This report complements prior reports on the abundance, age, sex, and size composition of chinook salmon catches and escapements in Southeast Alaska in 1981 (McGregor and Van Alen 1987), 1982 (Van Alen and Wood 1983), 1983 (Van Alen, et al. 1986); 1984 (Van Alen and Olsen 1986), and 1985 (Van Alen, et al. 1987). McBride and Wilcock (1983) documented available data on abundance and age compositions of chinook salmon catches and escapements for the years 1961 to 1980. Detailed information on catches and escapements of chinook salmon in the Yakutat area in 1986 are reported in Pahlke and Riffe (1988). A complete summary of regulations affecting Southeast Alaska fisheries may be found in ADF&G (1986a). Alaska Department of Fish and Game reports to the Alaska Board of Fisheries summarize the 1986 troll and net fishing seasons (ADF&G 1987a).

The Southeast Alaska Region consists of the coastal waters and inland drainages of Southeast Alaska from Cape Suckling on the north to Dixon Entrance on the south; this report covers fisheries throughout the region, excluding the Yakutat Management Area inshore set net fisheries in Districts 182, 183, 185, and 192 (Figure 1). Pahlke and Riffe (1988) provide detailed data on Yakutat Area catches and escapements in 1986. The region is divided into 17 coastal (101 through 116, and 181) and 5 offshore (152, 154, 156, 157, and 189) fishing

catches and escapements in 1986. The region is divided into 17 coastal (101 through 116, and 181) and 5 offshore (152, 154, 156, 157, and 189) fishing districts. Chinook salmon were commercially harvested by trollers in all districts, by seiners in Districts 101, 102, 104, 105, 106, 109, and 112 to 114; by drift gill net fishermen in Districts 101, 106, 108, 111, and 115; and by set gill net fishermen in Districts 182, 183, and 185. Chinook salmon were also commercially caught in the Canadian gill net fishery on the lower Taku and Stikine Rivers and in trap gear on the Annette Island Fishery Reserve. Sport fishing occurs throughout the region but is concentrated around the communities. Subsistence fishing in Alaska was only permitted in the Chilkat River by Klukwan residents and in some rivers in the Yakutat area by local Yakutat residents. Small Indian food fishery catches were also reported from the Canadian portion of the Stikine River near Telegraph Creek and from Alsek River tributaries.

## METHODS

### *Data Sources*

#### Harvest Statistics

Alaskan commercial catch data (number and total weight of chinook salmon sold by gear type, district, and week) was compiled by the Division of Commercial Fisheries, ADF&G. These data were based on computer tabulations of individual sales slips (fish tickets) as of 13 May 1987. Because of the possibility that all imbedded data entry or recording errors were not corrected, subsequent data summaries may differ slightly from those used in this report. Such errors have been generally found to be too small to be of consequence to our estimates of commercial catches by gear type, area, and time. The average weights of troll-caught fish were based on dressed (gilled and gutted) fish, but the seine and gill net fisheries landed both dressed and round fish.

Canadian commercial, sport, and food fishery catch statistics for the Taku, Stikine, and Alsek Rivers were provided by the Canadian Department of Fisheries and Oceans (CDFO) Whitehorse staff. Catch data provided by CDFO were factored into two size classes, small and large fish. A small fish was defined as less than 5 lb (11kg) or less than 500 mm in fork length, and age .2 or less; large fish included all others. No weight data was available for the Canadian Transboundary River fisheries.

Alaskan sport catch was obtained from Mills (1987). His estimates are based on a mailout questionnaire survey of randomly selected residents holding sport fishing licenses. Alaskan subsistence catch information was tabulated from subsistence permits returned to the ADF&G.

#### Escapement Counts

Several methods were used to obtain estimates of spawning population size. Among them were counts from airplanes, helicopters, and boats, counts made on foot surveys, counts of upstream migrants passing through weirs, and counts of

carcasses that drifted downstream against weirs. An effort was made to survey most of the important spawning areas. For several streams multiple surveys were made. We reported only the peak count for these streams unless weir counts of the total escapement were also available. Helicopter surveys of transboundary rivers were done cooperatively between CDFO and ADF&G, Division of Sport Fisheries. Age-.0, -.1, and -.2 chinook salmon ("jacks") were not counted in the aerial surveys because their small size made them difficult to see and to distinguish from other salmon species. The mean date of migration and associated migratory timing statistics were calculated for chinook salmon passing through weirs according to methods described by Mundy (1984).

There are 37 documented chinook salmon producing systems in Southeast Alaska (including Yakutat). The Taku, Stikine and Alsek are considered major producers with current or potential annual returns of more than 10,000 non-jack (age-.3 and older) chinook salmon, nine are considered medium producers with potential returns of 1,500 to 10,000 chinook salmon, and 22 are considered minor producers with annual returns of less than 1,500 chinook salmon (Kissner and Hubartt 1986). Eleven "index" rivers are surveyed annually to obtain peak escapement estimates of age -.3 or older fish. The eleven index systems include the three major

producers, seven medium producers (Situk, Chilkat, Andrews, Unuk, Chickamin, Blossom, Keta), and one minor producer (King Salmon; ADF&G 1987).

## Age, Sex, and Length

Summer troll, seine, and gill net catches of chinook salmon were sampled by ADF&G employees stationed at the Southeast Alaska ports of Craig, Klawock, Ketchikan, Petersburg, Wrangell, Sitka, Juneau, Excursion Inlet, Pelican, Hoonah, and Yakutat. Sampling was also conducted at several smaller buying stations, aboard tenders, and aboard troll vessels participating in the chinook salmon mortality assessment program (Davis et al. 1987). Sampling of winter troll catches was limited to the ports of Ketchikan, Petersburg, Sitka, Hoonah, and Juneau from 6 October to 21 December 1985 and 9 March to 15 April 1986. Sampling was conducted on fish landed by tenders of both the net and troll fisheries and from actual fishing vessel landings. Chinook salmon caught in the 1986 spring troll test fishery were also sampled for length, sex, and age.

Three scales obtained from the preferred area of each fish (INPFC 1963) were mounted on gum cards, and impressions were made in cellulose acetate (Clutter and Whitesel 1956). Age was determined by visual examination of scale impressions under moderate (40 to 75X) magnification as described by Van Alen and Wood (1983). Ages are reported in European notation (note that ocean ages are recorded according to the calendar date that the fish was caught, i.e., an age-1.3 fish on 31 December is an age-1.4 fish on 1 January). Ages were verified on all fish with accompanying coded-microwire tag mark-release data. If a scale was unageable and the fish was microwire tagged, the CWT age was recorded.

All lengths were measured from mid-eye to fork-of-tail to the nearest half centimeter, with two exceptions: sport-caught fish were measured from the tip of the snout to the fork of the tail and escapements to Little Tahltan Lake and the Hackett River were measured from the postorbit of the eye to the hypural plate.

Sexual dimorphism was used to determine sex of fish sampled in escapements. Sex was not determined for fish sampled from the commercial catch because secondary sexual characteristics were not present and most fish were dressed at time of delivery.

Some difficulties were encountered in representatively sampling the commercial catch because sampling occurred at processing facilities where fish were usually sorted by size: usually small (<9 lb), medium (9 to 11 lb), and large (≥11 lb). They were also sorted by quality (two grades). To avoid obtaining biased samples if the entire delivery could not be sampled, fish were either sampled from each sorting bin in proportion to abundance, or they were sampled at a predetermined frequency for each sorting bin.

Scale, sex, and length data were obtained from carcasses or live spawn-outs during foot surveys in the Chickamin (Butler Creek and Barrier Creek), Unuk (Clear, Cripple, Genes Lake and Eulachon Creeks), Harding, Nahlin, and Nakina (carcass weir) Rivers. Pre-spawners were sampled at weir sites on the Little Tahltan and Hackett Rivers and at Deer Mountain, Crystal Lake, and Snettisham Hatcheries. Chinook salmon were captured using fish wheel gear at Canyon Island in the lower Taku River (McGregor and Clark 1987). Samples were taken from chinook killed during egg-take operations at King Salmon and Tahini Rivers.

The age distribution and associated standard errors were calculated by period for systems with weirs and by system for the remainder. Mean length and its standard error were calculated for each area, period, and age class.

In the Nakina River length and sex were recorded for all carcasses encountered (i.e., a representative sample of the escapement), and scales were subsampled from each 25-mm length and sex group. All fish within a 25-mm length group were then assigned an age class based on the subsample age composition. Finally, we summed across length groups within each age and sex stratum which yielded the estimated age composition of all fish measured. The weighted mean length was computed for each sex and age class.

The formulas used to calculate the age composition and weighted mean lengths (by sex) and the standard error of mean lengths of the fish measured for length in the Nakina River are detailed in Van Alen et al. (1987).

### *Analysis Strata*

Several factors determined the development of sampling and analysis strata for age, sex, and length data. First were the logistic and cost considerations as well as trade-offs required to obtain samples over such a broad geographic region. Second was the decision to treat principle gear types (troll, seine, gill net, and sport) separately. Third was to provide for examination of the data for temporal trends. Fourth was to maintain a one-in-ten chance that our estimate of the percentage of a given age class in each gear-area-time strata did not exceed ±5% of the true (absolute) value. We used the equations of Thompson (1987), corrected for finite population size as appropriate (Appendix A.1), and

computed the desired sample size for a strata assuming seven age classes would occur in the 1986 returns.

Troll Harvest

While district fished is recorded on sales slips, the accuracy of this data is suspect for the summer troll fishery. The troll fleet is highly mobile, and it tends to concentrate in areas of fish abundance. These areas often cross statistical district boundaries; e.g., a popular trolling area is Cross Sound, and trollers in this area may actually fish in three districts (113, 114, and 116) between landings. Sample data for age and length composition often comes from vessels which have individually fished such district combinations or from a tender servicing similar fisheries. For these reasons, we pooled statistical districts into larger "areas" to report harvest and to characterize age and size compositions.

Based upon the results of skipper interviews, we identified four areas for which only minor cross-area reporting occurs during the summer fishery. The four quadrants (Figure 1) are: (1) Northern Outside composed of Districts 113, 114, 116, 154, 156, 157, 181, and 189; (2) Southern Outside composed of Districts 103, 104, and 152; (3) Northern Inside composed of Districts 109, 110, 111, 112, and 115; and (4) Southern Inside composed of Districts 101, 102, 105, 106, 107, and 108. During the winter troll fishery we included District 114 in the Northern Inside area because most of the fishing effort is concentrated well inside Icy Strait and this district is more properly an inside fishing district. Catch data by district were also computed, although the practical use of this information is limited. Hand and power troll catches were combined for analysis of age and length data. Whenever sample sizes permitted, the summer troll data were stratified over time into sample periods. Because the age composition of chinook salmon populations could change throughout the migratory season, the grouping of samples into sample periods was a compromise between obtaining the number of samples necessary to derive a reasonably precise age composition and reducing the bias inherent in grouping sample periods. When fewer than 25 fish were sampled in a weekly strata the data was pooled with an adjacent week. The winter troll data were summarized by quadrant area into two periods, 1 October to 31 December and 1 January to 14 April. Standard errors of the proportions in each strata were calculated by standard binomial formulas as detailed in Van Alen, Pahlke, and Olsen (1987).

The age distribution and associated standard errors for the total commercial catch by district and gear type were calculated by weighting the estimated sample distribution and its standard error for each sample period by the total catch during the same sample period (detailed in Van Alen et al. 1987). Mean length and its standard error were calculated for each area, period, and age class.

Seine, Gill Net, Trap, Sport, and Subsistence Harvests

Sampling of chinook salmon harvested by seine and gill net gear was intended to accurately describe the age composition of the season's catch by gear type and district. Samples were generally obtained weekly from each open district. The seine and gill net fleet harvested chinook salmon incidentally to other salmon

species; hence, net gear landings and season total catches were low relative to troll landings. This, plus the tendency for vessel owners to market their chinook catch separately, generated logistic problems in accessing fish for sampling. For this reason we usually obtained fewer samples than desired. Age and length data for the seine and gill net fisheries were summarized by district.

Historically, Annette Island Fishery Reserve trap catches of chinook salmon have been small (ADF&G 1987a). The high cost of obtaining samples for age and size composition in relation to harvest level precluded obtaining these data. The age and length data of sport-caught chinook salmon collected by Sport Fish Division creel samplers was analyzed by sampling location and, when appropriate, into derby or non-derby strata.

### Escapement

The high cost associated with access to spawning grounds and the low abundance of fish to sample precluded precise estimation of the age, sex, and size composition of Southeast Alaskan chinook salmon spawning populations. Most samples were obtained opportunistically in conjunction with other studies. Often sampling methods or gear used to obtain samples yielded biased estimates of the age, sex, or length composition. A tendency to undersample jacks is suspected for all but the Nakina River collection.

The total natural run escapement to 11 "index" river systems was estimated by expanding peak survey counts by an estimate of the proportion of fish counted in that tributary and for tributaries not surveyed (as detailed in ADF&G 1987b). The regional escapement total was estimated by expanding the total escapement estimate for index rivers within each of three categories (major, medium, or minor producers) by the number of rivers in that category. The expansion factors used in this report are those presented in ADF&G (1987). While accuracy of these estimates is unknown, they allow cautious comparison of the interannual variability of abundance and distribution of the escapement.

## RESULTS

### *Fishery Overview*

In 1986 the Southeast Alaska chinook salmon fishery was managed in accord with the U.S./Canada Salmon Treaty which specified a total all-gear commercial and recreational chinook salmon base-catch ceiling of 254,000. An additional catch (*addon*) of 10,400 was allowed for new Alaska hatchery production yielding a total all gear catch ceiling of 264,400 (ADF&G 1987c). The total commercial and sport chinook salmon harvest in Southeast Alaska (excludes Canadian and subsistance harvests) was 276,576 which exceeded the target ceiling by 12,505 fish or about 4.6 percent.

The troll fishery catch was limited to 233,127 chinook salmon of which 18,947 occurred during the winter fishery and 214,180 during the summer fishery. To limit the catch, the summer chinook salmon troll fishery was restricted to 41 fishing days, 7 d longer than in 1985 but considerably less than the 169-d season fished prior to 1980 (Figure 2). Chinook non-retention regulations were in effect for an additional 42 d of the summer troll season. Although chinook salmon are harvested incidentally in net fisheries, management actions were taken to reduce chinook interceptions and release mortalities and restrict catches to within Alaska Board of Fisheries established quotas of 11,400 for seine and 7,600 for gill net. Night closures were enacted to reduce gill net catches in some areas and weeks, and non-retention regulations and a 28-in total length minimum size limit were imposed for seine caught fish (ADF&G 1987a).

The harvest of chinook salmon by troll gear was permitted from 1 October 1985 to 15 April 1986 for the winter fishery. The summer fishery was open 20 June through 15 July for the harvest of all species; 16 July to 10 August for the harvest of all species except, chinook salmon; 21 to 26 August for the harvest of all species; 27 to 31 August for the harvest of all species, except chinook salmon; 1 to 9 September for the harvest of all species; and 10 to 20 September for the harvest of all species, except chinook salmon. There were special hatchery terminal area openings near Little Port Walter and Crystal Lake Hatcheries on 2 to 3, 9 to 10, and 16 to 17 June. Catches in the special openings in June were included in the summer troll harvest totals. From 11 May to 20 June the Alaska Department of Fish and Game conducted a troll test fishery in selected areas of Southeast Alaska to locate areas where Alaska hatchery chinook were concentrated. Test fishery catches were not included in the commercial harvest totals.

The purse seine and gill net fisheries were managed by emergency order with specific gear/area/time openings occurring from June through October. The purse seine fishery was closed to the taking of large chinook salmon ($\geq$28 in (71.1 cm) total length) in all fishing periods prior to 27 July and after 9 August, except in the waters adjacent to Hidden Falls Hatchery (District 112-22) and in Neets Bay (District 101-90). Chinook salmon $\leq$21 in (53.3 cm) could be retained and sold throughout the season while chinook between 21 and 28 inches could be retained but not sold at any time in the season. The chinook salmon less than 21 in were reported as small chinook on the fish ticket and did not count against the chinook catch quota.

In Southeast Alaska salmon fisheries, chinook salmon are usually the least abundant; however, for the last several years they have ranked third in terms of value to the fishermen and have consistently been the most valuable species to the troll fishermen. In 1986 most were sold in the dressed/frozen market at a weighted processor average price of $0.78/lb for set gill net caught fish, $1.12/lb for drift gill net caught fish, $1.39/lb for seine caught fish, and $2.08/lb for troll caught fish (E. Dinneford, Commercial Fisheries Entry Commission, Juneau, personal communication).

## *Harvest Statistics*

### Numbers and Landed Weight

The 1986 reported catch in numbers, pounds, and average weights of chinook salmon are presented for the commercial fisheries by gear type, district, and week. Actual catch was higher than reported because some were kept for personal use and some net-caught deliveries, typically <28 in., were reported as pink salmon (*O. gorbuscha*). These factors were considered to be insignificant relative to reported catches. The incidental catch and mortality of chinook salmon caught during chinook non-retention fisheries in 1986 was estimated by Davis et. al (1987) for troll fisheries and by Van Alen and Seibel (1987) for seine fisheries.

A total of 279,346 chinook salmon were harvested in Southeast Alaska and Yakutat during the 1985-86 winter troll fishery and the 1986 summer commercial, sport, and subsistence fisheries (Table 1). Commercial fisheries in Alaska accounted for most (91.5%) of the harvest followed by the sport fishery (7.6%) and the Canadian Transboundary River Fisheries (0.9%). Small catches were reported by Alaskan subsistence fisheries (329 fish). Troll gear harvested 91.3% of the 255,451 fish harvested by U.S. commercial fishermen with smaller catches by seine, drift gill net, set gill net, and trap gear. Alaskan hatcheries contributed an estimated 16,800 chinook salmon to commercial fisheries in 1986. Total and average weight data are presented in Appendix A.2 to A.11 for the troll, seine, and gill net catches.

*Troll*. The winter troll fishery (1 October 1985 to 15 April 1986) harvested 18,947 chinook salmon (Table 2). A high proportion of the catch occurred during the months of October and April in the Northeast and Southeast Quadrants. The power troll fleet accounted for 80.2% of the harvest. Some differences are evident in the spatial distribution of power troll catches (Table 3) in relation to hand troll catches (Table 4). The most notable is that the hand troll fleet tended to concentrate in inside districts, particularly District 108 near Wrangell and District 114 near Hoonah.

During the 11 May through 20 June test fishery, 16 chartered vessels fished 207 boat days and harvested 977 legal sized (>28 in) and 295 sublegal chinook salmon.

The summer troll fishery harvested 214,180 chinook salmon (Table 2). The majority were harvested in the Northern Outside area by the power troll fleet (Table 3). The hand troll fleet also reported most of its catch from this area (Table 4). Fish caught in the outside areas had a larger average weight than those in the inside areas (Appendix A7 to A9). Nonstatistical comparison (NSC) indicated that average weights increased slightly through the reporting year.

*Seine*. The majority of the purse seine catch of 12,195 chinook salmon occurred in District 104 (the Noyes Island fishery), but significant catches also occurred in districts 101 and 112 (Table 5). Purse seine landings of large (≥28in.) chinook salmon were prohibited prior to 27 July and after 9 August. The

1986 harvest was 39% of the 1982 record high catch of 31,375 and only 1,238 above the 1970-84 average catch of 10,957. The catches of chinook salmon by the seine fleet is strongly related to the seine effort needed to harvest pink salmon (Van Alen and Seibel 1987). Estimates of non-retention mortalities of medium and large (>5 lb) chinook salmon ranged from 10,644 to 19,844 (Van Alen and Seibel 1987). Average weights of fish tended (NSC) to be highest in the outside districts and lowest in the inside districts (Appendix A10).

*Drift Gill Net.* The drift gill net catch of 8,569 chinook salmon (Table 6) was taken primarily in the first half of the season. No chinook were reported caught in the District 102 gill net fishery in 1986. Catches were below the long-term average (1960-1985) in Districts 108 and 111, about average in District 101, and above the average in Districts 106 and 115 (ADF&G 1986c). Directed chinook salmon gill net fisheries were eliminated after 1975, except for limited set gill net fisheries in Yakutat. Average weights varied considerably between weeks and districts (Appendix A11). The average weights were highest in District 101 and lowest in District 115. A seasonal decline in average weights was observed in District 101 with the opposite trend seen in District 115 (NSC).

*Set Gill Net.* The set gill net catch was 1,423 chinook salmon (Pahlke and Riffe 1988). Chinook salmon were harvested in all Yakutat area fisheries except Tsiu, Yahtse, and Icy Bay. The largest catch (478 fish) was in the Alsek fishery.

*Trap.* The four fish traps operating in the Annette Island Fishery Reserve caught 137 chinook salmon. This entire catch was reported from one landing made the third week of June.

*Terminal Common Property.* In terminal common property fisheries near hatcheries 245 chinook were harvested by gill nets, primarily from Neets Bay and 1,245 by purse seines from Neets Bay and Hidden Falls. Private hatchery cost recovery harvests totaled 1,279 chinook salmon.

*Subsistence.* Three-hundred and twenty-nine chinook salmon were reported in Alaskan subsistence catches, 28 from the Chilkat River adjacent to the Klukwan Reserve and 301 from the Yakutat Area (Pahlke and Riffe 1988). All subsistence permits were not returned; therefore, subsistence catch totals listed on this report possibly underestimate the total subsistence harvest. Canadian Indian food fishery harvests on the upper Stikine River totaled 569 small and 1,026 large and 102 large from the Alsek-Tatshenshini Rivers (TTC 1989).

*Canadian In-River Gill Net.* The Canadian commercial harvest in the Taku River was 275 large and 77 small chinook salmon (Table 7). In the Stikine River 806 large and 365 small chinook salmon were caught in the lower river and 104 large and 41 small were caught in the upper river.

*Sport*. The Alaskan sport catch was an estimated 21,125 large fish and 1,426 small fish (Table 8; Mills 1987). The largest catches occurred near Juneau and Ketchikan. Salmon derbies held in May and June in Haines, Petersburg, Wrangell, Sitka, and Ketchikan targeted on chinook salmon. Sport fishermen in Canada caught approximately 128 fish in the Alsek River and an unknown, but presumably small, number in the Taku and Stikine Rivers (TTC 1989).

## Age, Sex, and Length Data

Age and length statistics are presented by area and period for the troll fishery (Tables 9 through 12), and by district for the seine (Tables 13 and 14) and drift gill net (Tables 15 and 16) fisheries. Age, size, and length statistics are also presented for the Canadian Taku River fishery (Table 17) and each Alaskan sport fishery (Tables 18 and 19) sampled. Age, sex, and length composition data for Yakutat area set gill net catches are reported in Pahlke and Riffe (1988).

The age and length composition, by sex, of chinook salmon sampled from a troll test fishery conducted in six areas of Southeast Alaska from 10 May to 20 June 1986 is presented in Appendix A12 and A13. A description of this test fishery can be found in Davis and Kelly (1986).

*Troll*. Winter troll catches were dominated by 1981 and 1980 brood age-1. chinooks (age-1.2 and -1.3 fish in 1985 and age-1.3 and -1.4 fish in 1986; Table 9). Age-1. fish comprised about 60% of the catch. The proportion of freshwater age-1. fish was highest in the Northeast and Southeast Quadrants in the first half of the season (NSC). The greatest differences in age compositions between the 1 October to 31 December 1985 and 1 January to 14 April 1986 periods occurred in the Northeast Quadrant where there was an increase in 1982 and 1981 brood year age-0. fish and a decrease in 1981 and 1980 brood year age-1. fish in 1986 (Figure 3).

Summer troll catches were dominated by age-0.3 fish in the Northwest quadrants, by age-1.3 fish in the Northeast Quadrant, and by age-1.2 fish in the Southeast Quadrant (Table 10; Figure 3). Fish aged 0.3 in the Northeast Quadrant and fish aged 0.3 and 1.3 in the Southeast Quadrant also comprised a substantial (>20%) of the harvest. The incidence of fish aged 1. was higher in the eastern quadrants (>66%) than in the western quadrants and the incidence of age-.2 fish increased through time (NSC).

Examination of average length by age data reveals no obvious size differences between areas for either the winter or summer fisheries (Tables 11 and 12). In-season growth is evident over the two periods of the winter season. For fish of a given ocean age, those -age 1. were usually larger than those age-0. (NSC).

*Seine*. Small sample sizes of the seine harvest precluded making an in-depth evaluation of age and length compositions by area (Tables 13 and 14). Sample age compositions did differ between districts. Age-0. fish comprised more than 60% of the samples in all districts, except District 101 where they comprised only

18%. The mean length of age-1. fish tended to be larger (NSC) than age-0. fish for a given ocean age.

*Drift Gill Net.* Sample sizes were also small for chinook salmon harvested by gill net. Age-1. fish dominated drift gill net harvests in all districts: 73% in District 101, 84% in District 106, 98% in District 111, and 90% in District 115. Fish aged 1.2 and 1.3 were the principal age classes (Table 15). The mean length of fish sampled from district 115 were consistently smaller (NSC) than fish of the same age caught in the other districts (Table 16).

*Canadian In-River Gill Net.* All chinook salmon sampled from the Taku River were age-1. fish, with most males aged 1.3 and females aged 1.4 (Table 17). Females were longer than males at age-1.3 while males were longer than females at age-1.4.

*Sport.* Age-1. fish dominated all sampled sport fisheries except Sitka's (Table 18). Age-1.3 fish dominated all areas except in Haines and Petersburg where age-1.4 fish were most common and Sitka where age-0.3 and -0.4 fish dominated. Mean lengths were similar between males and females (NSC; Table 19).

## *Escapement Statistics*

### Numbers of Fish

Surveys by aerial (fixed wing and helicopter), foot, boat, and weir provided indices of peak escapement for 52 spawning areas (Table 20). Weirs were used to count the escapements to six natural runs (Little Tahltan Lake, Little Tatsamenie Lake, Hackett River, King Salmon River, Klukshu River, and Situk River; Appendix Tables 14 to 19) and the three hatcheries: Crystal Lake (Crystal Creek), Little Port Walter (Sashin Creek), and Snettisham. The survey data for unweired systems must be used with caution because the proportion of the total run observed within each river varies and is not known, nor is the contribution of jacks which are not counted. Dates of peak escapement counts indicate a slightly later date of spawning for inland versus coastal runs and for southern versus northern runs (Table 20).

The estimated total chinook salmon escapement to all Southeast Alaska and transboundary wild stock systems was 49,363 fish (Table 21), a 25% increase from the 1985 estimated total escapement of 37,084 fish (Van Alen et al. 1987). The majority of the increase in estimated total escapement was to the medium and minor systems.

### Age, Sex, and Size:

Age-1. fish dominated the escapements of natural runs (Table 22). Males were predominately age 1.1, 1.2, and 1.3, and females were predominantly age 1.3 and

1.4. Males outnumbered females in 3,131 to 1,464 in escapement samples. The reader is cautioned, however, that sampling may not be random with respect to size (and sex) of fish except for Nakina River returns, where jacks were sampled in proportion to their return. In the Nakina River males comprised 78% of the run, of which 15% were age 1.1 and 42% were age 1.2. Seventy-eight percent of the females were age 1.4 and 20% were age 1.3.

Age-1. fish also dominated the hatchery returns (Table 22). The number of age-0. smolts released from Alaskan hatcheries increased from 81,900 in 1982 to 616,800 in 1983 and 1,444,000 in 1984. However survival of these releases was in most cases poor and returns were negligible (ADF&G 1989). Males were predominately ages 1.2 and 1.3, and females ages 1.3 and 1.4. Mean length of hatchery returns varied considerably between ages, sexes, and samples (Table 23).

### *Stock Composition*

A minimum estimate of the harvest of non-Alaskan chinook salmon can be made based on age composition analysis and coded-microwire tag analysis. Results of this and previous studies (Kissner 1973 and 1980; McBride and Wilcock 1983; Van Alen and Marshall 1983; Van Alen and Olsen 1986; and Van Alen et al. 1986) have shown that virtually all wild run chinook salmon originating in Southeast Alaska smolt during their second year (age 1.). While we recognize that Alaska's wild stocks and hatcheries contributed some age 0. fish to the 1986 harvest, the low incidence of this age class in the escapement samples, coupled with relatively low overall abundance of spawners, lead us to conclude that ignoring the contribution of these fish would not result in significant bias. Therefore, virtually all the 147,210 age-0. fish harvested in Alaskan commercial summer troll, seine, and drift gill net fisheries (Table 24) were of non-Alaskan origin. Non-Alaskan fish, therefore, comprised a minimum of 57.6% of the chinook salmon harvested in domestic commercial fisheries the summer of 1986; this was 6.8% more than in 1985, and 3.1% less than in 1984. In addition, age composition data (Rogers et al. 1983) indicates that most of the age-1.4 and -1.5 fish harvested originated from Alaskan and British Columbia runs north of the Fraser River. Scale pattern analysis of Alaskan versus non-Alaskan age-1. fish in 1982 catches (Van Alen 1985) revealed that non-Alaska fish accounted for approximately half of the age-1. fish.

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Table 1. Chinook salmon harvests (numbers of fish) in Southeast Alaska, 1986.[a]

| Fishery | | | Number | Percent |
|---|---|---|---|---|
| Ocean Commercial | | | | |
| Troll | Hand | Power | | |
| Winter | 3,739 | 15,208 | 18,947 | 6.78 |
| Summer | 24,977 | 189,203 | 214,180 | 76.67 |
| Seine | | | 12,195 | 4.37 |
| Gill Net | | | 8,569 | 3.07 |
| Set Gill Net (Yakutat area) | | | 1,423 | 0.51 |
| Trap | | | 137 | 0.05 |
| Subtotal | | | 255,451 | 91.45 |
| Sport | | | 21,125 | 7.56 |
| Subsistence | | | 329 | 0.12 |
| Canadian Transboundary | | | | |
| Taku Commercial | | | 275 | 0.10 |
| Stikine Commercial (upper and lower river) | | | 910 | 0.33 |
| Stikine Indian Food Fishery (upper river) | | | 1,026 | 0.37 |
| Alsek Indian Food Fishery | | | 102 | 0.04 |
| Alsek Sport | | | 128 | 0.05 |
| Subtotal | | | 2,441 | 0.87 |
| Total | | | 279,346 | 100.00 |

[a] Excludes jacks (age-.0, .1, and .2) and test fish harvest (977 fish).

Table 2. Chinook salmon hand and power troll harvests in Southeast Alaska by district and statistical week, 1 October 1985 to 20 September 1986.

| | | | Southeast Quadrant | | | | | | | Northeast Quadrant | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Stat. Week[a] | Inclusive Dates | 101 | 102 | 105 | 106 | 107 | 108 | Total | 109 | 110 | 111 | 112 | 114[b] | 116 | Total |
| 1985 | 40 | 9/29-10/5 | 19 | 152 | | 52 | 96 | 177 | 496 | 7 | 70 | | 10 | 290 | | 377 |
| | 41 | 10/6-10/12 | 276 | 726 | | 275 | 221 | 151 | 1,649 | 449 | 1,935 | | 78 | 492 | | 2,954 |
| | 42 | 10/13-10/19 | 174 | 292 | 40 | 97 | 72 | 122 | 797 | 138 | 182 | | 28 | 193 | | 541 |
| | 43 | 10/20-10/26 | 134 | 139 | | 101 | 47 | 475 | 896 | 173 | 128 | 91 | | 151 | | 543 |
| | 44 | 10/27-11/2 | 113 | 16 | | 61 | 5 | 454 | 649 | 44 | 365 | | 16 | 31 | | 456 |
| | 45 | 11/3-11/9 | 28 | 4 | | 28 | 41 | 194 | 295 | 120 | 198 | | | 27 | | 345 |
| | 46 | 11/10-11/16 | 3 | 17 | | | 50 | 76 | 146 | 41 | 91 | | 18 | 24 | | 174 |
| | 47 | 11/17-11/23 | | | | | | 78 | 78 | 8 | | | | | | 8 |
| | 48 | 11/24-11/30 | 1 | | | | | 10 | 11 | 35 | 12 | | | 78 | | 125 |
| | 49 | 12/1-12/7 | 1 | | | 4 | 8 | 25 | 38 | | | | | 8 | | 8 |
| | 50 | 12/8-12/14 | 4 | | | | 1 | 11 | 16 | 10 | | | | 30 | | 40 |
| | 51 | 12/15-12/21 | 1 | | | 4 | 21 | 34 | 60 | | 1 | | 4 | 22 | | 27 |
| | 52 | 12/22-12/28 | 1 | | | 4 | 14 | 23 | 42 | | | | | 9 | | 9 |
| | 53 | 12/29-12/31 | | | | 1 | | 12 | 13 | | | | | | | 0 |
| 1986 | 1 | 1/1-1/4 | | | | 28 | | 22 | 50 | | | | 3 | 15 | | 18 |
| | 2 | 1/5-1/11 | | | | | | 10 | 10 | | | | 6 | 27 | | 33 |
| | 3 | 1/12-1/18 | | 4 | | 9 | 1 | 10 | 24 | | 5 | | | 45 | | 50 |
| | 4 | 1/19-1/25 | | | | | | 17 | 17 | 8 | 26 | | | 18 | | 52 |
| | 5 | 1/26-2/1 | 2 | | | 1 | | 13 | 16 | 5 | 7 | | | 29 | | 41 |
| | 6 | 2/2-2/8 | 15 | 36 | | 1 | 7 | 7 | 65 | 19 | | | 7 | 19 | | 45 |
| | 7 | 2/9-2/15 | 10 | 34 | 21 | 38 | | 1 | 104 | 19 | | | | 62 | | 81 |
| | 8 | 2/16-2/22 | 6 | 11 | | 33 | | 7 | 57 | | | | | 6 | | 6 |
| | 9 | 2/23-3/1 | 4 | 10 | | 2 | | 20 | 36 | | 1 | | 2 | | | 3 |
| | 10 | 3/2-3/8 | 70 | 55 | | 5 | | 8 | 138 | 2 | 2 | | 1 | 14 | | 19 |
| | 11 | 3/9-3/15 | 58 | 74 | | 7 | | 26 | 165 | 2 | 11 | 6 | 11 | 53 | | 82 |
| | 12 | 3/16-3/22 | 36 | 49 | 93 | 93 | | 65 | 336 | 51 | 6 | | | 163 | | 220 |
| | 13 | 3/23-3/29 | 59 | 67 | 27 | 18 | | 29 | 200 | 9 | 37 | | | 160 | | 206 |
| | 14 | 3/30-4/5 | 54 | 79 | 80 | 45 | | 22 | 280 | 14 | 39 | | | 187 | | 240 |
| | 15 | 4/6-4/12 | 120 | 90 | 46 | 32 | 2 | 23 | 313 | 31 | 17 | | | 104 | | 152 |
| | 16 | 4/13-4/19 | 60 | 90 | 151 | 41 | | 17 | 359 | 65 | 27 | | | 370 | | 462 |
| Winter District Total | | | 1,249 | 1,944 | 458 | 980 | 586 | 2,139 | 7,356 | 1,250 | 3,160 | 96 | 184 | 2,627 | 0 | 7,317 |
| | Area Total | | | | | 7,356 | | | | | | | 7,317 | | | |
| | 23 | 6/1-6/7 | 5 | | | 32 | | | 37 | 80 | | | | | | 80 |
| | 24 | 6/8-6/14 | 25 | | | 34 | | | 59 | 306 | | | | | | 306 |
| | 25 | 6/15-6/21 | 48 | 12 | 41 | 35 | 79 | | 215 | 460 | 108 | | 170 | | 9 | 747 |
| | 26 | 6/22-6/28 | 384 | 2,061 | 328 | 225 | 1,189 | 1 | 4,188 | 2,720 | 2,628 | 46 | 637 | | 3 | 6,034 |
| | 27 | 6/29-7/5 | 1,239 | 1,391 | 323 | 861 | 294 | 15 | 4,123 | 2,651 | 1,571 | | 486 | | 105 | 4,812 |
| | 28 | 7/6-7/12 | 1,390 | 1,301 | 269 | 1,087 | 229 | | 4,276 | 1,709 | 1,231 | 12 | 372 | | | 3,324 |
| | 29 | 7/13-7/19 | 1,049 | 788 | 242 | 816 | 30 | 26 | 2,951 | 906 | 464 | 19 | 112 | | | 1,501 |
| | 30 | 7/20-7/26 | | | | | | | 0 | 3 | | | | | | 3 |
| | 31 | 7/27-8/2 | | | | | | | 0 | | | | | | | 0 |
| | 32 | 8/3-8/9 | | | | | | | 0 | 8 | | | | | | 8 |
| | 33 | 8/10-8/16 | 1 | | | | | | 1 | | | | | | | 0 |
| | 34 | 8/17-8/23 | 41 | 109 | | 159 | 9 | | 318 | 145 | 88 | | 430 | | | 663 |
| | 35 | 8/24-8/30 | 502 | 1,045 | 115 | 859 | 21 | 21 | 2,563 | 943 | 456 | 109 | 469 | | | 1,977 |
| | 36 | 8/31-9/6 | 305 | 315 | 174 | 735 | 13 | 12 | 1,554 | 729 | 100 | 43 | 269 | | | 1,141 |
| | 37 | 9/7-9/13 | 459 | 476 | 17 | 706 | 25 | 1 | 1,684 | 213 | 467 | 88 | 200 | | | 968 |
| | 38 | 9/14-9/20 | | | | | | | 0 | | | | 5 | | | 5 |
| Summer Dist | | | 5,448 | 7,498 | 1,509 | 5,549 | 1,889 | 76 | 21,969 | 10,873 | 7,113 | 317 | 3,149 | 0 | 117 | 21,569 |
| | Area Total | | | | | 21,969 | | | | | | | 21,569 | | | |
| Season Total | | | 6,697 | 9,442 | 1,967 | 6,529 | 2,475 | 2,215 | 29,325 | 12,123 | 10,273 | 413 | 3,333 | 17 | 117 | 26,259 |

-Continued-

Table 2. (page 2 of 2).

| Year | Stat. Week | Inclusive Dates | Southwest Quadrant 103 | 104 | 152 | Total | Northwest Quadrant 113 | 114 | 116 | 154 | 156 | 157 | 181 | 183 | 186 | 189 | Total | Grand Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | 40 | 9/29-10/5 | 5 | 2 | | 7 | 221 | | | | | | | | | | 221 | 1,101 |
| | 41 | 10/6-10/12 | 6 | | | 6 | 474 | | | | | | | 72 | | | 546 | 5,155 |
| | 42 | 10/13-10/19 | 9 | | | 9 | 183 | | | | | | | | | | 183 | 1,530 |
| | 43 | 10/20-10/26 | 2 | | | 2 | 340 | | | | | | | 14 | | | 354 | 1,796 |
| | 44 | 10/27-11/2 | 19 | | | 19 | 104 | | | | | | | 29 | | | 133 | 1,257 |
| | 45 | 11/3-11/9 | | 1 | | 1 | 144 | | | | | | | 19 | | | 163 | 804 |
| | 46 | 11/10-11/16 | | | | 0 | 20 | | | | | | | | | | 20 | 340 |
| | 47 | 11/17-11/23 | | | | 0 | 33 | | | | | | | | | | 33 | 119 |
| | 48 | 11/24-11/30 | 13 | | | 13 | 81 | | | | | | | | | | 81 | 230 |
| | 49 | 12/1-12/7 | | | | 0 | 196 | | | | | | | | | | 196 | 242 |
| | 50 | 12/8-12/14 | | | | 0 | 76 | | | | | | | | | | 76 | 132 |
| | 51 | 12/15-12/21 | | | | 0 | 26 | | | | | | | | | | 26 | 113 |
| | 52 | 12/22-12/28 | 17 | | | 17 | 34 | | | | | | | 3 | | | 37 | 105 |
| | 53 | 12/29-12/31 | | | | 0 | 21 | | | | | | | | | | 21 | 34 |
| 1986 | 1 | 1/1-1/4 | | 36 | | 36 | 12 | | | | | | | | | | 12 | 116 |
| | 2 | 1/5-1/11 | 6 | | | 6 | 5 | | | | | | | | | | 6 | 54 |
| | 3 | 1/12-1/18 | 7 | 10 | | 17 | 13 | | | | | | | | | | 13 | 104 |
| | 4 | 1/19-1/25 | 7 | 74 | | 81 | 16 | | | | | | | | | | 16 | 166 |
| | 5 | 1/26-2/1 | 99 | 17 | | 116 | 21 | | | | | | | | | | 21 | 194 |
| | 6 | 2/2-2/8 | 141 | 61 | | 202 | 43 | | | | | | | | | | 43 | 355 |
| | 7 | 2/9-2/15 | 126 | 22 | | 148 | 114 | | | | | | | | | | 114 | 447 |
| | 8 | 2/16-2/22 | 22 | 20 | | 42 | 21 | | | | | | | | | | 21 | 126 |
| | 9 | 2/23-3/1 | 23 | 37 | | 60 | 18 | | | | | | | | | | 18 | 117 |
| | 10 | 3/2-3/8 | 12 | 12 | | 24 | 16 | | | | | | | | | | 16 | 197 |
| | 11 | 3/9-3/15 | 152 | | | 152 | 6 | | | | | | | | | | 6 | 405 |
| | 12 | 3/16-3/22 | 127 | 19 | | 146 | 46 | | | | | | | | | | 46 | 748 |
| | 13 | 3/23-3/29 | 10 | 68 | | 78 | 31 | | | | | | | 3 | | | 34 | 518 |
| | 14 | 3/30-4/5 | 97 | 15 | | 112 | 34 | | | | | | | 9 | | | 43 | 675 |
| | 15 | 4/6-4/12 | 55 | 1 | | 56 | 138 | | | | | | | | | | 138 | 659 |
| | 16 | 4/13-4/19 | 63 | 9 | | 72 | 193 | | 23 | | | | | | | | 216 | 1,109 |
| Winter District Total | | | 1,018 | 404 | 0 | 1,422 | 2,680 | 0 | 23 | 0 | 0 | 0 | 0 | 149 | 0 | 0 | 2,852 | 18,947 |
| Area Total | | | | 1,422 | | | | | | | | 2,852 | | | | | | |
| | 23 | 6/1-6/7 | | | | 0 | | | | | | | | | | | 0 | 117 |
| | 24 | 6/8-6/14 | | | | 0 | | | | | | | | | | | 0 | 365 |
| | 25 | 6/15-6/21 | 81 | 273 | | 354 | 1,099 | 192 | 74 | | | 110 | | 24 | | | 1,499 | 2,815 |
| | 26 | 6/22-6/28 | 992 | 5,817 | 146 | 6,955 | 14,386 | 894 | 1,117 | | 280 | 3,759 | | 352 | | | 20,787 | 37,964 |
| | 27 | 6/29-7/5 | 582 | 4,245 | | 4,827 | 10,941 | 520 | 1,247 | 7 | 90 | 11,871 | | 268 | | 59 | 25,003 | 38,765 |
| | 28 | 7/6-7/12 | 613 | 1,956 | | 2,569 | 23,274 | 550 | 1,108 | 722 | 283 | 3,016 | | 998 | | | 29,951 | 40,120 |
| | 29 | 7/13-7/19 | 742 | 1,741 | 16 | 2,499 | 21,016 | 836 | 589 | 1,850 | | 1,074 | 1,109 | 349 | 84 | 1,211 | 28,118 | 35,069 |
| | 30 | 7/20-7/26 | | | | 0 | 33 | 9 | | | | | | 2 | | | 44 | 47 |
| | 31 | 7/27-8/2 | | | | 0 | 11 | 46 | | | | | | | | | 57 | 57 |
| | 32 | 8/3-8/9 | | | | 0 | | | | | | | | | | | 0 | 8 |
| | 33 | 8/10-8/16 | | | | 0 | | | | | | | | | | | 0 | 1 |
| | 34 | 8/17-8/23 | 38 | 398 | | 436 | 4,029 | 231 | 135 | | | | 121 | 66 | | | 4,582 | 5,999 |
| | 35 | 8/24-8/30 | 203 | 1,318 | | 1,521 | 14,250 | 769 | 2,072 | 50 | 218 | 179 | 1,363 | 610 | | 73 | 19,584 | 25,645 |
| | 36 | 8/31-9/6 | 74 | 1,394 | | 1,468 | 6,494 | 824 | 724 | | | 35 | 780 | 291 | 25 | 333 | 9,506 | 13,669 |
| | 37 | 9/7-9/13 | 171 | 185 | | 356 | 5,747 | 854 | 991 | 134 | 428 | 623 | 774 | 256 | | 710 | 10,517 | 13,525 |
| | 38 | 9/14-9/20 | | | | 0 | | 9 | | | | | | | | | 9 | 14 |
| Summer District Total | | | 3,496 | 17,327 | 162 | 20,985 | 101,279 | 5,734 | 8,057 | 2,763 | 1,299 | 20,667 | 4,147 | 3,216 | 109 | 2,386 | 149,657 | 214,180 |
| Area Total | | | | 20,985 | | | | | | | | 149,657 | | | | | | |
| Season Total | | | 4,514 | 17,731 | 162 | 22,407 | 103,959 | 8,361 | 8,080 | 2,763 | 1,299 | 20,667 | 4,147 | 3,365 | 109 | 2,386 | 165,136 | 233,127 |

[a] Statistical weeks start January 1, run Sunday through Saturday.
[b] District 114 winter troll total is included in the Northwest Quadrant District 114 season total.

Table 3. Chinook salmon power troll harvest (numbers of fish) in Southeast Alaska by district and statistical week, 1 October 1985 to 20 September 1986.

| | | | Southeast Quadrant | | | | | | | Northeast Quadrant | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Stat. Week | Inclusive Dates | 101 | 102 | 105 | 106 | 107 | 108 | Total | 109 | 110 | 111 | 112 | 114 | 115 | Total |
| 1985 | 40 | 9/29-10/5 | 18 | 149 | | 42 | 46 | 113 | 368 | | 69 | | | 202 | | 271 |
| | 41 | 10/6-10/12 | 254 | 668 | | 268 | 178 | 111 | 1,479 | 412 | 1,846 | | 54 | 332 | | 2,644 |
| | 42 | 10/13-10/19 | 154 | 290 | 40 | 80 | 71 | 67 | 702 | 83 | 124 | | 27 | 142 | | 376 |
| | 43 | 10/20-10/26 | 134 | 136 | | 70 | 45 | 283 | 668 | 156 | 88 | 91 | | 82 | | 417 |
| | 44 | 10/27-11/2 | 113 | 16 | | 51 | | 353 | 533 | 38 | 295 | | 9 | 18 | | 360 |
| | 45 | 11/3-11/9 | 27 | 4 | | 28 | 41 | 122 | 222 | 109 | 165 | | | 14 | | 288 |
| | 46 | 11/10-11/16 | 3 | 17 | | | | 21 | 41 | 40 | 91 | | 15 | 24 | | 170 |
| | 47 | 11/17-11/23 | | | | | | 32 | 32 | 6 | | | | | | 6 |
| | 48 | 11/24-11/30 | 1 | | | | | | 1 | 35 | 12 | | | 78 | | 125 |
| | 49 | 12/1-12/7 | 1 | | | | 3 | 11 | 15 | | | | | | | 0 |
| | 50 | 12/8-12/14 | 2 | | | | 1 | | 3 | 10 | | | | 3 | | 13 |
| | 51 | 12/15-12/21 | 1 | | | | 21 | | 22 | | | | 4 | | | 4 |
| | 52 | 12/22-12/28 | | | | | | 1 | 1 | | | | | 9 | | 9 |
| | 53 | 12/29-12/31 | | | | | | | 0 | | | | | | | 0 |
| 1986 | 1 | 1/1-1/4 | | | | 15 | | 22 | 37 | | | | 3 | | | 3 |
| | 2 | 1/5-1/11 | | | | | | 4 | 4 | | | | 6 | | | 6 |
| | 3 | 1/12-1/18 | | 4 | | | 1 | 8 | 13 | | 5 | | | 5 | | 10 |
| | 4 | 1/19-1/25 | | | | | | 2 | 2 | 2 | 26 | | | 5 | | 33 |
| | 5 | 1/26-2/1 | 2 | | | 1 | | 3 | 6 | 5 | 6 | | | 2 | | 13 |
| | 6 | 2/2-2/8 | 15 | 35 | | | 1 | 1 | 52 | 6 | | | 7 | 17 | | 30 |
| | 7 | 2/9-2/15 | 2 | 34 | 21 | 30 | | 1 | 88 | 12 | | | | 7 | | 19 |
| | 8 | 2/16-2/22 | 6 | 11 | | 30 | | | 47 | | | | | | | 0 |
| | 9 | 2/23-3/1 | 3 | 10 | | | | 7 | 20 | | 1 | | 2 | | | 3 |
| | 10 | 3/2-3/8 | 70 | 53 | | | | 1 | 124 | 2 | 2 | | | | | 4 |
| | 11 | 3/9-3/15 | 54 | 74 | | 4 | | 11 | 143 | 2 | | 5 | 11 | 12 | | 30 |
| | 12 | 3/16-3/22 | 36 | 49 | 92 | 76 | | 43 | 296 | 45 | 6 | | | 140 | | 191 |
| | 13 | 3/23-3/29 | 58 | 62 | 27 | 13 | | 20 | 180 | 8 | 37 | | | 107 | | 152 |
| | 14 | 3/30-4/5 | 52 | 73 | 75 | 12 | | 8 | 220 | 14 | 20 | | | 143 | | 177 |
| | 15 | 4/6-4/12 | 120 | 90 | 46 | 27 | 2 | 1 | 286 | 30 | 3 | | | 58 | | 91 |
| | 16 | 4/13-4/19 | 60 | 67 | 144 | 39 | | 4 | 314 | 60 | 26 | | | 272 | | 358 |
| Winter District Total | | | 1,186 | 1,842 | 445 | 786 | 410 | 1,250 | 5,919 | 1,075 | 2,822 | 96 | 138 | 1,672 | 0 | 5,803 |
| | Area Total | | | | | 5,919 | | | | | | | 5,803 | | | |
| | 23 | 6/1-6/7 | 5 | | | 10 | | | 15 | 71 | | | | | | 71 |
| | 24 | 6/8-6/14 | 25 | | | 14 | | | 39 | 289 | | | | | | 289 |
| | 25 | 6/15-6/21 | 39 | | 32 | 16 | 46 | | 133 | 288 | 54 | | 5 | | 8 | 355 |
| | 26 | 6/22-6/28 | 276 | 1,781 | 232 | 197 | 405 | | 2,891 | 1,874 | 1,681 | 46 | 143 | | 2 | 3,746 |
| | 27 | 6/29-7/5 | 1,001 | 1,232 | 251 | 619 | 26 | | 3,129 | 2,012 | 1,309 | | 215 | | 74 | 3,610 |
| | 28 | 7/6-7/12 | 1,076 | 1,165 | 227 | 913 | 34 | | 3,415 | 1,298 | 906 | | 112 | | | 2,316 |
| | 29 | 7/13-7/19 | 837 | 622 | 223 | 556 | | 20 | 2,258 | 600 | 244 | 19 | 4 | | | 867 |
| | 30 | 7/20-7/26 | | | | | | | 0 | 3 | | | | | | 3 |
| | 31 | 7/27-8/2 | | | | | | | 0 | | | | | | | 0 |
| | 32 | 8/3-8/9 | | | | | | | 0 | 8 | | | | | | 8 |
| | 33 | 8/10-8/16 | | | | | | | 0 | | | | | | | 0 |
| | 34 | 8/17-8/23 | 33 | 100 | | 58 | 1 | | 192 | 77 | 14 | | 20 | | | 111 |
| | 35 | 8/24-8/30 | 402 | 944 | 106 | 748 | | | 2,200 | 745 | 333 | 109 | 176 | | | 1,363 |
| | 36 | 8/31-9/6 | 261 | 251 | 171 | 542 | 9 | 10 | 1,244 | 426 | 55 | 43 | 76 | | | 600 |
| | 37 | 9/7-9/13 | 396 | 458 | 15 | 675 | 2 | | 1,546 | 158 | 407 | 43 | 56 | | | 664 |
| | 38 | 9/14-9/20 | | | | | | | 0 | | | | 5 | | | 5 |
| Summer District Total | | | 4,351 | 6,553 | 1,257 | 4,348 | 523 | 30 | 17,062 | 7,849 | 5,003 | 260 | 812 | 0 | 84 | 14,008 |
| | Area Total | | | | | 17,062 | | | | | | | 14,008 | | | |
| Season Total | | | 5,537 | 8,395 | 1,702 | 5,134 | 933 | 1,280 | 22,981 | 8,924 | 7,825 | 356 | 950 | [a] | 84 | 18,139 |

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Table 3. (page 2 of 2).

| Year | Stat. Week | Inclusive Dates | Southwest Quadrant 103 | 104 | 152 | Total | Northwest Quadrant 113 | 114 | 116 | 154 | 156 | 157 | 181 | 183 | 186 | 189 | Total | Grand Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | 40 | 9/29-10/5 | 5 | 2 | | 7 | 182 | | | | | | | | | | 182 | 828 |
| | 41 | 10/6-10/12 | 6 | | | 6 | 377 | | | | | | | | | | 377 | 4,506 |
| | 42 | 10/13-10/19 | | | | 0 | 117 | | | | | | | | | | 117 | 1,195 |
| | 43 | 10/20-10/26 | 2 | | | 2 | 280 | | | | | | | | | | 280 | 1,367 |
| | 44 | 10/27-11/2 | 19 | | | 19 | 62 | | | | | | | | | | 62 | 974 |
| | 45 | 11/3-11/9 | | 1 | | 1 | 123 | | | | | | | | | | 123 | 634 |
| | 46 | 11/10-11/16 | | | | 0 | 13 | | | | | | | | | | 13 | 224 |
| | 47 | 11/17-11/23 | | | | 0 | 27 | | | | | | | | | | 27 | 65 |
| | 48 | 11/24-11/30 | | | | 0 | 64 | | | | | | | | | | 64 | 190 |
| | 49 | 12/1-12/7 | | | | 0 | 189 | | | | | | | | | | 189 | 204 |
| | 50 | 12/8-12/14 | | | | 0 | 72 | | | | | | | | | | 72 | 88 |
| | 51 | 12/15-12/21 | | | | 0 | 26 | | | | | | | | | | 26 | 52 |
| | 52 | 12/22-12/28 | | | | 0 | 29 | | | | | | | | | | 29 | 39 |
| | 53 | 12/29-12/31 | | | | 0 | 21 | | | | | | | | | | 21 | 21 |
| 1986 | 1 | 1/1-1/4 | | 36 | | 36 | 12 | | | | | | | | | | 12 | 88 |
| | 2 | 1/5-1/11 | | | | 0 | 5 | | | | | | | | | | 5 | 16 |
| | 3 | 1/12-1/18 | 4 | | | 4 | 11 | | | | | | | | | | 11 | 38 |
| | 4 | 1/19-1/25 | 7 | 74 | | 81 | 16 | | | | | | | | | | 16 | 132 |
| | 5 | 1/26-2/1 | 93 | 17 | | 110 | 12 | | | | | | | | | | 12 | 141 |
| | 6 | 2/2-2/8 | 136 | 61 | | 197 | 34 | | | | | | | | | | 34 | 313 |
| | 7 | 2/9-2/15 | 124 | 22 | | 146 | 82 | | | | | | | | | | 82 | 335 |
| | 8 | 2/16-2/22 | 17 | 20 | | 37 | 21 | | | | | | | | | | 21 | 105 |
| | 9 | 2/23-3/1 | 18 | 37 | | 55 | 18 | | | | | | | | | | 18 | 96 |
| | 10 | 3/2-3/8 | 8 | 12 | | 20 | 13 | | | | | | | | | | 13 | 161 |
| | 11 | 3/9-3/15 | 138 | | | 138 | 3 | | | | | | | | | | 3 | 314 |
| | 12 | 3/16-3/22 | 103 | 19 | | 122 | 18 | | | | | | | | | | 18 | 627 |
| | 13 | 3/23-3/29 | 7 | 68 | | 75 | 25 | | | | | | | | | | 25 | 432 |
| | 14 | 3/30-4/5 | 90 | 15 | | 105 | 31 | | | | | | | | | | 31 | 533 |
| | 15 | 4/6-4/12 | 55 | 1 | | 56 | 126 | | | | | | | | | | 126 | 559 |
| | 16 | 4/13-4/19 | 42 | 2 | | 44 | 193 | | 23 | | | | | | | | 216 | 932 |
| Winter District Total | | | 874 | 387 | 0 | 1,261 | 2,202 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,225 | 15,208 |
| Area Total | | | | 1,261 | | | | | | | | 2,225 | | | | | | |
| | 23 | 6/1-6/7 | | | | 0 | | | | | | | | | | | 0 | 86 |
| | 24 | 6/8-6/14 | | | | 0 | | | | | | | | | | | 0 | 328 |
| | 25 | 6/15-6/21 | 4 | 229 | | 233 | 882 | 36 | 58 | | | 110 | | 8 | | | 1,094 | 1,815 |
| | 26 | 6/22-6/28 | 604 | 5,479 | 146 | 6,229 | 13,454 | 525 | 1,063 | | 280 | 3,759 | | 193 | | | 19,274 | 32,140 |
| | 27 | 6/29-7/5 | 231 | 4,106 | | 4,337 | 10,060 | 260 | 1,216 | 7 | 90 | 11,865 | | 129 | | 59 | 23,686 | 34,762 |
| | 28 | 7/6-7/12 | 258 | 1,751 | | 2,009 | 22,204 | 208 | 1,082 | 722 | 283 | 3,016 | | 728 | | | 28,243 | 35,983 |
| | 29 | 7/13-7/19 | 554 | 1,645 | 16 | 2,215 | 20,184 | 466 | 569 | 1,850 | | 1,074 | 1,109 | 176 | 84 | 1,211 | 26,723 | 32,063 |
| | 30 | 7/20-7/26 | | | | 0 | 33 | | | | | | | 2 | | | 35 | 38 |
| | 31 | 7/27-8/2 | | | | 0 | 11 | 44 | | | | | | | | | 55 | 55 |
| | 32 | 8/3-8/9 | | | | 0 | | | | | | | | | | | 0 | 8 |
| | 33 | 8/10-8/16 | | | | 0 | | | | | | | | | | | 0 | 0 |
| | 34 | 8/17-8/23 | 9 | 334 | | 343 | 3,351 | 69 | 128 | | | | 77 | 28 | | | 3,653 | 4,299 |
| | 35 | 8/24-8/30 | 145 | 1,233 | | 1,378 | 13,661 | 354 | 1,999 | 50 | 218 | 179 | 1,323 | 515 | | 73 | 18,372 | 23,313 |
| | 36 | 8/31-9/6 | 59 | 1,288 | | 1,347 | 6,107 | 445 | 693 | | | 35 | 749 | 158 | 25 | 333 | 8,545 | 11,736 |
| | 37 | 9/7-9/13 | 163 | 174 | | 337 | 5,601 | 605 | 974 | 134 | 428 | 623 | 750 | 194 | | 707 | 10,016 | 12,563 |
| | 38 | 9/14-9/20 | | | | 0 | | 9 | | | | | | | | | 9 | 14 |
| Summer District Total | | | 2,027 | 16,239 | 162 | 18,428 | 95,548 | 3,021 | 7,782 | 2,763 | 1,299 | 20,661 | 4,008 | 2,131 | 109 | 2,383 | 139,705 | 189,203 |
| Area Total | | | | 18,428 | | | | | | | | 139,705 | | | | | | |
| Season Total | | | 2,901 | 16,626 | 162 | 19,689 | 97,750 | 4,693 | 7,805 | 2,763 | 1,299 | 20,661 | 4,008 | 2,131 | 109 | 2,383 | 143,602 | 204,411 |

[a] District 114 winter troll total is included in the Northwest Quadrant District 114 season total.

Table 4. Chinook salmon hand troll harvests (numbers of fish) in Southeast Alaska by district and statistical week, 1 October 1985 to 20 September, 1986.

C&E#1 (HTEAST.WKS)

| | | | Southeast Quadrant | | | | | | | Northeast Quadrant | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Stat. Week | Inclusive Dates | 101 | 102 | 105 | 106 | 107 | 108 | Total | 109 | 110 | 111 | 112 | 114 | 115 | Total |
| 1985 | 40 | 9/29-10/5 | 1 | 3 | | 10 | 50 | 64 | 128 | 7 | 1 | | 10 | 88 | | 106 |
| | 41 | 10/6-10/12 | 22 | 58 | | 7 | 43 | 40 | 170 | 37 | 89 | | 24 | 160 | | 310 |
| | 42 | 10/13-10/19 | 20 | 2 | | 17 | 1 | 55 | 95 | 55 | 58 | | 1 | 51 | | 165 |
| | 43 | 10/20-10/26 | | 3 | | 31 | 2 | 192 | 228 | 17 | 40 | | | 69 | | 126 |
| | 44 | 10/27-11/2 | | | | 10 | 5 | 101 | 116 | 6 | 70 | | 7 | 13 | | 96 |
| | 45 | 11/3-11/9 | 1 | | | | | 72 | 73 | 11 | 33 | | | 13 | | 57 |
| | 46 | 11/10-11/16 | | | | | 50 | 55 | 105 | 1 | | | 3 | | | 4 |
| | 47 | 11/17-11/23 | | | | | | 46 | 46 | 2 | | | | | | 2 |
| | 48 | 11/24-11/30 | | | | | | 10 | 10 | | | | | | | 0 |
| | 49 | 12/1-12/7 | | | | 4 | 5 | 14 | 23 | | | | | 8 | | 8 |
| | 50 | 12/8-12/14 | 2 | | | | | 11 | 13 | | | | | 27 | | 27 |
| | 51 | 12/15-12/21 | | | | 4 | | 34 | 38 | | 1 | | | 22 | | 23 |
| | 52 | 12/22-12/28 | 1 | | | 4 | 14 | 22 | 41 | | | | | | | 0 |
| | 53 | 12/29-12/31 | | | | 1 | | 12 | 13 | | | | | | | 0 |
| 1986 | 1 | 1/1-1/4 | | | | 13 | | | 13 | | | | | 15 | | 15 |
| | 2 | 1/5-1/11 | | | | | | 6 | 6 | | | | | 27 | | 27 |
| | 3 | 1/12-1/18 | | | | 9 | | 2 | 11 | | | | | 40 | | 40 |
| | 4 | 1/19-1/25 | | | | | | 15 | 15 | 6 | | | | 13 | | 19 |
| | 5 | 1/26-2/1 | | | | | | 10 | 10 | | 1 | | | 27 | | 28 |
| | 6 | 2/2-2/8 | | | | 1 | 6 | 6 | 13 | 13 | | | | 2 | | 15 |
| | 7 | 2/9-2/15 | 8 | | | 8 | | | 16 | 7 | | | | 55 | | 62 |
| | 8 | 2/16-2/22 | | | | 3 | | 7 | 10 | | | | | 6 | | 6 |
| | 9 | 2/25-3/1 | 1 | | | 2 | | 13 | 16 | | | | | | | 0 |
| | 10 | 3/2-3/8 | | 2 | | 5 | | 7 | 14 | | | | 1 | 14 | | 15 |
| | 11 | 3/9-3/15 | 4 | | | 3 | | 15 | 22 | | 11 | | | 41 | | 52 |
| | 12 | 3/16-3/22 | | | 1 | 17 | | 22 | 40 | 6 | | | | 23 | | 29 |
| | 13 | 3/23-3/29 | 1 | 5 | | 5 | | 9 | 20 | 1 | | | | 53 | | 54 |
| | 14 | 3/30-4/5 | 2 | 6 | 5 | 33 | | 14 | 60 | | 19 | | | 44 | | 63 |
| | 15 | 4/6-4/12 | | | | 5 | | 22 | 27 | 1 | 14 | | | 46 | | 61 |
| | 16 | 4/13-4/19 | | 23 | 7 | 2 | | 13 | 45 | 5 | 1 | | | 98 | | 104 |
| Winter | District Total | | 63 | 102 | 13 | 194 | 176 | 889 | 1,437 | 175 | 338 | 0 | 46 | 955 | 0 | 1,514 |
| | Area Total | | | | | 1,437 | | | | | | | 1,514 | | | |
| | 23 | 6/1-6/7 | | | | 22 | | | 22 | 9 | | | | | | 9 |
| | 24 | 6/8-6/14 | | | | 20 | | | 20 | 17 | | | | | | 17 |
| | 25 | 6/15-6/21 | 9 | 12 | 9 | 19 | 33 | | 82 | 172 | 54 | | 165 | | 1 | 392 |
| | 26 | 6/22-6/28 | 108 | 280 | 96 | 28 | 784 | 1 | 1,297 | 846 | 947 | | 494 | | 1 | 2,288 |
| | 27 | 6/29-7/5 | 238 | 159 | 72 | 242 | 268 | 15 | 994 | 639 | 262 | | 270 | | 31 | 1,202 |
| | 28 | 7/6-7/12 | 314 | 136 | 42 | 174 | 195 | | 861 | 411 | 325 | 12 | 260 | | | 1,008 |
| | 29 | 7/13-7/19 | 212 | 166 | 19 | 260 | 30 | 6 | 693 | 306 | 220 | | 108 | | | 634 |
| | 30 | 7/20-7/26 | | | | | | | 0 | | | | | | | 0 |
| | 31 | 7/27-8/2 | | | | | | | 0 | | | | | | | 0 |
| | 32 | 8/3-8/9 | | | | | | | 0 | | | | | | | 0 |
| | 33 | 8/10-8/16 | 1 | | | | | | 1 | | | | | | | 0 |
| | 34 | 8/17-8/23 | 8 | 9 | | 101 | 8 | | 126 | 68 | 74 | | 410 | | | 552 |
| | 35 | 8/24-8/30 | 100 | 101 | 9 | 111 | 21 | 21 | 363 | 198 | 123 | | 293 | | | 614 |
| | 36 | 8/31-9/6 | 44 | 64 | 3 | 193 | 4 | 2 | 310 | 303 | 45 | | 193 | | | 541 |
| | 37 | 9/7-9/13 | 63 | 18 | 2 | 31 | 23 | 1 | 138 | 55 | 60 | 45 | 144 | | | 304 |
| Summer | District Total | | 1,097 | 945 | 252 | 1,201 | 1,366 | 46 | 4,907 | 3,024 | 2,110 | 57 | 2,337 | 0 | 33 | 7,561 |
| | Area Total | | | | | 4,907 | | | | | | | 7,561 | | | |
| Season Total | | | 1,160 | 1,047 | 265 | 1,395 | 1,542 | 935 | 6,344 | 3,199 | 2,448 | 57 | 2,383 | [a] | 33 | 8,120 |

-Continued-

Table 4. (page 2 of 2)

| Year | Stat. Week | Inclusive Dates | Southwest Quadrant 103 | 104 | 152 | Total | Northwest Quadrant 113 | 114 | 116 | 154 | 156 | 157 | 181 | 183 | 189 | Total | Grand Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | 40 | 9/29-10/5 | | | | 0 | 39 | | | | | | | | | 39 | 273 |
| | 41 | 10/6-10/12 | | | | 0 | 97 | | | | | | | 72 | | 169 | 649 |
| | 42 | 10/13-10/19 | 9 | | | 9 | 66 | | | | | | | | | 66 | 335 |
| | 43 | 10/20-10/26 | | | | 0 | 60 | | | | | | | 14 | | 74 | 428 |
| | 44 | 10/27-11/2 | | | | 0 | 42 | | | | | | | 29 | | 71 | 283 |
| | 45 | 11/3-11/9 | | | | 0 | 21 | | | | | | | 19 | | 40 | 170 |
| | 46 | 11/10-11/16 | | | | 0 | 7 | | | | | | | | | 7 | 116 |
| | 47 | 11/17-11/23 | | | | 0 | 6 | | | | | | | | | 6 | 54 |
| | 48 | 11/24-11/30 | 13 | | | 13 | 17 | | | | | | | | | 17 | 40 |
| | 49 | 12/1-12/7 | | | | 0 | 7 | | | | | | | | | 7 | 38 |
| | 50 | 12/8-12/14 | | | | 0 | 4 | | | | | | | | | 4 | 44 |
| | 51 | 12/15-12/21 | | | | 0 | | | | | | | | | | 0 | 61 |
| | 52 | 12/22-12/28 | 17 | | | 17 | 5 | | | | | | | 3 | | 8 | 66 |
| | 53 | 12/29-12/31 | | | | 0 | | | | | | | | | | 0 | 13 |
| 1986 | 1 | 1/1-1/4 | | | | 0 | | | | | | | | | | 0 | 28 |
| | 2 | 1/5-1/11 | 6 | | | 6 | | | | | | | | | | 0 | 39 |
| | 3 | 1/12-1/18 | 3 | 10 | | 13 | 2 | | | | | | | | | 2 | 66 |
| | 4 | 1/19-1/25 | | | | 0 | | | | | | | | | | 0 | 34 |
| | 5 | 1/26-2/1 | 6 | | | 6 | 9 | | | | | | | | | 9 | 53 |
| | 6 | 2/2-2/8 | 5 | | | 5 | 9 | | | | | | | | | 9 | 42 |
| | 7 | 2/9-2/15 | 2 | | | 2 | 32 | | | | | | | | | 32 | 112 |
| | 8 | 2/16-2/22 | 5 | | | 5 | | | | | | | | | | 0 | 21 |
| | 9 | 2/25-3/1 | 5 | | | 5 | | | | | | | | | | 0 | 21 |
| | 10 | 3/2-3/8 | 4 | | | 4 | 3 | | | | | | | | | 3 | 36 |
| | 11 | 3/9-3/15 | 14 | | | 14 | 3 | | | | | | | | | 3 | 91 |
| | 12 | 3/16-3/22 | 24 | | | 24 | 28 | | | | | | | | | 28 | 121 |
| | 13 | 3/23-3/29 | 3 | | | 3 | 6 | | | | | | | 3 | | 9 | 86 |
| | 14 | 3/30-4/5 | 7 | | | 7 | 3 | | | | | | | 9 | | 12 | 142 |
| | 15 | 4/6-4/12 | | | | 0 | 12 | | | | | | | | | 12 | 100 |
| | 16 | 4/13-4/19 | 21 | 7 | | 28 | | | | | | | | | | 0 | 177 |
| Winter | District Total | | 144 | 17 | 0 | 161 | 478 | 0 | 0 | 0 | 0 | 0 | 0 | 149 | 0 | 627 | 3,739 |
| | Area Total | | | 161 | | | | | | | | 627 | | | | | |
| | 23 | 6/1-6/7 | | | | 0 | | | | | | | | | | 0 | 31 |
| | 24 | 6/8-6/14 | | | | 0 | | | | | | | | | | 0 | 37 |
| | 25 | 6/15-6/21 | 77 | 44 | | 121 | 217 | 156 | 16 | | | | | 16 | | 405 | 1,000 |
| | 26 | 6/22-6/28 | 388 | 338 | | 726 | 931 | 369 | 54 | | | | | 159 | | 1,513 | 5,824 |
| | 27 | 6/29-7/5 | 351 | 139 | | 490 | 881 | 260 | 31 | | | 6 | | 139 | | 1,317 | 4,003 |
| | 28 | 7/6-7/12 | 355 | 205 | | 560 | 1,070 | 342 | 26 | | | | | 270 | | 1,708 | 4,137 |
| | 29 | 7/13-7/19 | 188 | 96 | | 284 | 832 | 370 | 20 | | | | | 173 | | 1,395 | 3,006 |
| | 30 | 7/20-7/26 | | | | 0 | | 9 | | | | | | | | 9 | 9 |
| | 31 | 7/27-8/2 | | | | 0 | | 2 | | | | | | | | 2 | 2 |
| | 32 | 8/3-8/9 | | | | 0 | | | | | | | | | | 0 | 0 |
| | 33 | 8/10-8/16 | | | | 0 | | | | | | | | | | 0 | 1 |
| | 34 | 8/17-8/23 | 29 | 64 | | 93 | 678 | 162 | 7 | | | | 44 | 38 | | 929 | 1,700 |
| | 35 | 8/24-8/30 | 58 | 85 | | 143 | 589 | 415 | 73 | | | | 40 | 95 | | 1,212 | 2,332 |
| | 36 | 8/31-9/6 | 15 | 106 | | 121 | 387 | 379 | 31 | | | | 31 | 133 | | 961 | 1,933 |
| | 37 | 9/7-9/13 | 8 | 11 | | 19 | 146 | 249 | 17 | | | | 24 | 62 | 3 | 501 | 962 |
| Summer | District Total | | 1,469 | 1,088 | 0 | 2,557 | 5,731 | 2,713 | 275 | 0 | 0 | 6 | 139 | 1,085 | 3 | 9,952 | 24,977 |
| | Area Total | | | 2,557 | | | | | | | | 9,952 | | | | | |
| Season Total | | | 1,613 | 1,105 | 0 | 2,718 | 6,209 | 3,668 | 275 | 0 | 0 | 6 | 139 | 1,234 | 3 | 11,534 | 28,716 |

[a] District 114 winter troll total is included in the Northwest Quadrant District 114 season total.

Table 5. Chinook salmon purse seine harvests of ≥28 inch in Southeast Alaska by district and statistical week, 1986.[a]

| Stat. Week | Date | 101 | 102 | 104 | 105 | 106 | 109 | 112 | 113 | 114 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 6/30-7/6 | 161 | | | | | | 40 | | | 201 |
| 28 | 7/7-7/13 | 37 | | | | | | 234 | | 5 | 276 |
| 29 | 7/14-7/20 | | | | | | | 154 | | 2 | 156 |
| 30 | 7/21-7/27 | 5 | | 13 | | | | 46 | 1 | | 65 |
| 31 | 7/28-8/3 | 856 | 218 | 3,047 | | | | 95 | 11 | | 4,227 |
| 32 | 8/4-8/10 | 641 | 71 | 6,348 | 1 | | 52 | 108 | | | 7,221 |
| 33 | 8/11-8/17 | 10 | 3 | 13 | | | 4 | | | | 30 |
| 34 | 8/18-8/24 | 1 | | | | | | | | | 1 |
| 35 | 8/25-8/31 | | | | 3 | 11 | | | | | 14 |
| 39 | 9/21-9/27 | | | 4 | | | | | | | 4 |
| District | Totals | 1,711 | 292 | 9,425 | 4 | 11 | 56 | 677 | 12 | 7 | 12,195 |

[a] Purse seine fishery only open to the retention and sale of ≥28 inch chinook during statistical weeks 31 and 32 except at Neets Bay (District 101) in weeks 27 and 28 and at Hidden Falls (District 101-22) throughout the season.

Table 6. Chinook salmon gill net harvests in Southeast Alaska by district and statistical week, 1986.

| | | District | | | | | |
|---|---|---|---|---|---|---|---|
| Stat. Week | Date | 101 | 106 | 108 | 111 | 115 | Total |
| 24 | 6/8-6/14 | | | 3 | | | 3 |
| 25 | 6/15-6/21 | 245 | 142 | 24 | 521 | 269 | 1,201 |
| 26 | 6/22-6/28 | 151 | 123 | 1 | 282 | 13 | 570 |
| 27 | 6/30-7/6 | 372 | 100 | | 330 | 142 | 944 |
| 28 | 7/7-7/13 | 96 | | | 516 | 264 | 876 |
| 29 | 7/14-7/20 | 201 | 124 | | 313 | 452 | 1,090 |
| 30 | 7/21-7/27 | 145 | 271 | 36 | 195 | 50 | 697 |
| 31 | 7/28-8/3 | 49 | 427 | 18 | 207 | 24 | 725 |
| 32 | 8/4-8/10 | 33 | 146 | 2 | 81 | 105 | 367 |
| 33 | 8/11-8/17 | 34 | 43 | 4 | 32 | 303 | 416 |
| 34 | 8/18-8/24 | 21 | 67 | 17 | 16 | 320 | 441 |
| 35 | 8/25-8/31 | 6 | 66 | 5 | 50 | 220 | 347 |
| 36 | 8/31-9/6 | 1 | 53 | 6 | 31 | 88 | 179 |
| 37 | 9/7-9/13 | 8 | 78 | 7 | 7 | 175 | 275 |
| 38 | 9/14-9/20 | 4 | 37 | | 25 | 155 | 221 |
| 39 | 9/21-9/27 | | 28 | | | 123 | 151 |
| 40 | 9/28-10/4 | | | | | 34 | 34 |
| 41 | 10/5-10/11 | | | | | 32 | 32 |
| District | Totals | 1,366 | 1,705 | 123 | 2,606 | 2,769 | 8,569 |

Table 7. Chinook salmon Canadian inriver harvests (numbers of fish) from the Alsek, Taku and Stikine Rivers, 1986.

| | | Alsek River | | | Taku River | | | Stikine River | | | | | | | | | | | | Combined Systems | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Alsek Sport & IFF | | | Taku Commercial | | | Lower River Commercial | | | Upper River Commercial | | | Upper River IFF | | | Stikine Total | | | Canadian Total | | |
| Stat. Week | Ending Date | Sport | IFF[a] | Total | Large | Small[b] | Total | Large | Small | Total | Large | Small | Total | Large | Small | Total | Large | Small | Total | Large[c] | Small | Total |
| 24 | June 14 | | | | | | | | | | | | | 38 | 19 | 57 | 38 | 19 | 57 | 38 | 19 | 57 |
| 25 | 21 | | | | | | | -------closed------- | | | | | | 17 | 11 | 28 | 17 | 11 | 28 | 17 | 11 | 28 |
| 26 | 28 | 0 | 0 | 0 | ---------closed-------- | | | 180 | 104 | 284 | ---------closed------- | | | 172 | 29 | 201 | 352 | 133 | 485 | 352 | 133 | 485 |
| 27 | July 05 | 3 | 0 | 3 | 77 | 43 | 120 | 270 | 103 | 373 | 34 | 16 | 50 | 205 | 82 | 287 | 509 | 201 | 710 | 589 | 244 | 833 |
| 28 | 12 | 39 | 0 | 39 | 107 | 28 | 135 | 200 | 114 | 314 | 41 | 14 | 55 | 271 | 223 | 494 | 512 | 351 | 863 | 658 | 379 | 1,037 |
| 29 | 19 | 29 | 0 | 29 | 56 | 3 | 59 | 88 | 24 | 112 | 14 | 6 | 20 | 152 | 111 | 263 | 254 | 141 | 395 | 339 | 144 | 483 |
| 30 | 26 | 32 | 80 | 112 | 22 | 0 | 22 | 33 | 7 | 40 | 10 | 5 | 15 | 137 | 84 | 221 | 180 | 96 | 276 | 314 | 96 | 410 |
| 31 | Aug. 02 | 16 | 18 | 34 | 10 | 2 | 12 | 30 | 9 | 39 | 3 | 0 | 3 | 18 | 8 | 26 | 51 | 17 | 68 | 95 | 19 | 114 |
| 32 | 09 | 7 | 4 | 11 | 2 | 1 | 3 | 4 | 1 | 5 | 1 | 0 | 1 | 14 | 0 | 14 | 19 | 1 | 20 | 32 | 2 | 34 |
| 33 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 3 | 5 | 2 | 3 | 5 |
| 34 | 23 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | ---closed for season-- | | | 2 | 2 | 4 | 2 | 2 | 4 | 4 | 2 | 6 |
| 35 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | ---closed for season--- | | | | | | 0 | | 0 |
| 36 | Sept.06 | 1 | 0 | 1 | ---closed for season---- | | | closed for season- | | | | | | | | | | | | 1 | | 1 |
| | Totals | 128 | 102 | 230 | 275 | 77 | 352 | 806 | 365 | 1,171 | 104 | 41 | 145 | 1,026 | 569 | 1,595 | 1,936 | 975 | 2,911 | 2,441 | 1,052 | 3,493 |

[a] IFF- Indian food fishery.
[b] Canadian data provided by size class, small fish were defined as less than 5 lb, < 500 mm postorbit hypural, and age .2 or less.
[c] Some small fish may be included from the Alsek Indian food fishery.

Table 8. Chinook salmon sport harvests (numbers of fish) in Southeast Alaska, 1986 (data from Mills 1987).

| Area | Small <28 inches | Large >28 inches | Total |
|---|---|---|---|
| Ketchikan | 746 | 5,451 | 6,197 |
| Prince of Wales Island | 30 | 957 | 987 |
| Petersburg-Wrangell-Kake | 134 | 3,772 | 3,906 |
| Sitka | 132 | 1,770 | 1,902 |
| Juneau | 322 | 6,891 | 7,213 |
| Haines-Skagway | 31 | 2,023 | 2,054 |
| Glacier Bay | 0 | 183 | 183 |
| Yakutat | 31 | 78 | 109 |
| Total | 1,426 | 21,125 | 22,551 |

Table 9. Age composition of the Southeast Alaska winter troll harvest of chinook salmon, by area and period, 1985 - 1986.

| Sample Year | Brood Year and Age Class[a] | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1985 = | 1982 | 1982 | 1981 | 1981 | 1980 | 1980 | 1979 | 1979 | 1978 | |
| 1986 = | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 | 1980 | 1979 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | 1.5 | Total |
| **Northwest Quadrant** | | | | | | | | | | |
| Catch Weeks 40 - 53 (1 Oct. - 31 Dec. 1985), Sample Weeks 42 - 48 (13 Oct. - 30 Nov. 1985) | | | | | | | | | | |
| Sample Number | 27 | | 37 | 25 | 1 | 17 | | | | 107 |
| Percent | 25.2 | | 34.6 | 23.4 | 0.9 | 15.9 | | | | 100.0 |
| Std Error | 4.2 | | 4.6 | 4.1 | 0.9 | 3.6 | | | | |
| Catch | 527 | | 723 | 488 | 20 | 332 | | | | 2,090 |
| Catch Weeks 1 - 16 (1 Jan. - 14 Apr. 1986), Sample Weeks 12 - 16 (16 Mar. - 14 Apr. 1986) | | | | | | | | | | |
| Sample Number | | | 34 | | 58 | 29 | 1 | 29 | | 151 |
| Percent | | | 22.5 | | 38.4 | 19.2 | 0.7 | 19.2 | | 100.0 |
| Std. Error | | | 3.4 | | 4.0 | 3.2 | 0.7 | 3.2 | | |
| Catch | | | 172 | | 293 | 146 | 5 | 146 | | 762 |
| **Southwest Quadrant** | | | | | | | | | | |
| Catch Weeks 40 - 53 (1 Oct. - 31 Dec. 1985), Sample Weeks 44 - 51 (27 Oct. - 21 Dec. 1985) | | | | | | | | | | |
| Sample Number | 5 | | 7 | 5 | | 3 | | | | 20 |
| Percent | 25.0 | | 35.0 | 25.0 | | 15.0 | | | | 100.0 |
| Std. Error | 9.9 | | 10.9 | 9.9 | | 8.2 | | | | |
| Catch | 19 | | 25 | 19 | | 11 | | | | 74 |
| Catch Weeks 1 - 16 (1 Jan. - 14 Apr. 1986), Sample Weeks 12 - 16 (16 Mar. - 14 Apr. 1986) | | | | | | | | | | |
| Sample Number | | | 12 | 2 | 13 | 11 | 1 | 5 | | 44 |
| Percent | | | 27.3 | 4.5 | 29.5 | 25.0 | 2.3 | 11.4 | | 100.0 |
| Std. Error | | | 6.8 | 3.2 | 7.0 | 6.6 | 2.3 | 4.8 | | |
| Catch | | | 368 | 61 | 398 | 337 | 31 | 153 | | 1,348 |
| **Northeast Quadrant** | | | | | | | | | | |
| Catch Weeks 40 - 53 (1 Oct. - 31 Dec. 1985), Sample Weeks 41 - 48 (6 Oct. - 30 Nov. 1985) | | | | | | | | | | |
| Sample Number | 26 | 1 | 69 | 155 | 2 | 149 | | 3 | | 405 |
| Percent | 6.4 | 0.2 | 17.0 | 38.3 | 0.5 | 36.8 | | 0.7 | | 100.0 |
| Std. Error | 1.2 | 0.2 | 1.9 | 2.4 | 0.3 | 2.4 | | 0.4 | | |
| Catch | 360 | 14 | 955 | 2,145 | 28 | 2,063 | | 42 | | 5,607 |
| Catch Weeks 1 - 16 (1 Jan. - 14 Apr. 1986), Sample Weeks 11 - 16 (9 Mar. - 14 Apr. 1986) | | | | | | | | | | |
| Sample Number | 4 | | 92 | 4 | 86 | 83 | 2 | 57 | 1 | 329 |
| Percent | 1.2 | | 28.0 | 1.2 | 26.1 | 25.2 | 0.6 | 17.3 | 0.3 | 100.0 |
| Std. Error | 0.6 | | 2.5 | 0.6 | 2.4 | 2.4 | 0.4 | 2.1 | 0.3 | |
| Catch | 21 | | 479 | 21 | 447 | 431 | 10 | 296 | 5 | 1,710 |
| **Southeast Quadrant** | | | | | | | | | | |
| Catch Weeks 40 - 53 (1 Oct. - 31 Dec. 1985), Sample Weeks 41 - 45 (6 Oct. - 9 Nov. 1985) | | | | | | | | | | |
| Sample Number | 87 | 1 | 21 | 172 | | 37 | | | | 318 |
| Percent | 27.4 | 0.3 | 6.6 | 54.1 | | 11.6 | | | | 100.0 |
| Std. Error | 2.5 | 0.3 | 1.4 | 2.8 | | 1.8 | | | | |
| Catch | 1,419 | 16 | 342 | 2,806 | | 603 | | | | 5,186 |
| Catch Weeks 1 - 16 (1 Jan. - 14 Apr. 1986), Sample Weeks 11 - 16 (9 Mar. - 14 Apr. 1986) | | | | | | | | | | |
| Sample Number | | | 108 | 14 | 72 | 180 | 1 | 26 | | 401 |
| Percent | | | 26.9 | 3.5 | 18.0 | 44.9 | 0.2 | 6.5 | | 100.0 |
| Std. Error | | | 2.2 | 0.9 | 1.9 | 2.5 | 0.2 | 1.2 | | |
| Catch | | | 584 | 76 | 390 | 974 | 5 | 141 | | 2,170 |

[a] Ocean age increases by 1 on January 1.

Table 10. Age composition of the Southeast Alaska summer troll harvest of chinook salmon by area and period, 1986.

| Northwest Quadrant | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 | 1980 | 1979 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | 1.5 | Total |
| Statistical Week 26 (June 22 - 28) | | | | | | | | | | |
| Sample Number | 13 | | 203 | 28 | 50 | 70 | 1 | 10 | | 375 |
| Percent | 3.5 | | 54.1 | 7.5 | 13.3 | 18.7 | 0.3 | 2.7 | | 100.0 |
| Std. Error | 0.9 | | 2.6 | 1.4 | 1.8 | 2.0 | 0.3 | 0.8 | | |
| Catch | 721 | | 11,253 | 1,552 | 2,772 | 3,880 | 55 | 554 | | 20,787 |
| Statistical Week 27 (June 29 - July 5) | | | | | | | | | | |
| Sample Number | 10 | | 292 | 43 | 135 | 94 | 12 | 29 | 1 | 616 |
| Percent | 1.6 | | 47.4 | 7.0 | 21.9 | 15.3 | 1.9 | 4.7 | 0.2 | 100.0 |
| Std. Error | 0.5 | | 2.0 | 1.0 | 1.7 | 1.5 | 0.6 | 0.9 | 0.2 | |
| Catch | 406 | | 11,852 | 1,745 | 5,480 | 3,815 | 487 | 1,177 | 41 | 25,003 |
| Statistical Week 28 (July 6 - 12) | | | | | | | | | | |
| Sample Number | 27 | 3 | 284 | 67 | 92 | 101 | 12 | 25 | | 611 |
| Percent | 4.4 | 0.5 | 46.5 | 11.0 | 15.1 | 16.5 | 2.0 | 4.1 | | 100.0 |
| Std. Error | 0.8 | 0.3 | 2.0 | 1.3 | 1.4 | 1.5 | 0.6 | 0.8 | | |
| Catch | 1,324 | 147 | 13,922 | 3,284 | 4,510 | 4,951 | 588 | 1,225 | | 29,951 |
| Statistical Week 29 (July 13 - 19) | | | | | | | | | | |
| Sample Number | 41 | 2 | 374 | 103 | 68 | 141 | | 24 | | 753 |
| Percent | 5.4 | 0.3 | 49.7 | 13.7 | 9.0 | 18.7 | | 3.2 | | 100.0 |
| Std. Error | 0.8 | 0.2 | 1.8 | 1.3 | 1.0 | 1.4 | | 0.6 | | |
| Catch | 1,531 | 75 | 13,966 | 3,846 | 2,539 | 5,265 | | 896 | | 28,118 |
| Statistical Week 34 (August 17 - 23) | | | | | | | | | | |
| Sample Number | 10 | 1 | 54 | 41 | 14 | 29 | 6 | 2 | | 157 |
| Percent | 6.4 | 0.6 | 34.4 | 26.1 | 8.9 | 18.5 | 3.8 | 1.3 | | 100.0 |
| Std. Error | 2.0 | 0.6 | 3.8 | 3.5 | 2.3 | 3.1 | 1.5 | 0.9 | | |
| Catch | 292 | 29 | 1,576 | 1,197 | 409 | 846 | 175 | 58 | | 4,582 |
| Statistical Week 35 (August 24 - 30) | | | | | | | | | | |
| Sample Number | 109 | 5 | 333 | 155 | 96 | 86 | 7 | 31 | 2 | 824 |
| Percent | 13.2 | 0.6 | 40.4 | 18.8 | 11.7 | 10.4 | 0.8 | 3.8 | 0.2 | 100.0 |
| Std. Error | 1.2 | 0.3 | 1.7 | 1.4 | 1.1 | 1.1 | 0.3 | 0.7 | 0.2 | |
| Catch | 2,591 | 119 | 7,913 | 3,684 | 2,282 | 2,044 | 166 | 737 | 48 | 19,584 |
| Statistical Week 36 (August 31 - Sept. 6) | | | | | | | | | | |
| Sample Number | 77 | 3 | 214 | 83 | 106 | 62 | 13 | 20 | | 578 |
| Percent | 13.3 | 0.5 | 37.0 | 14.4 | 18.3 | 10.7 | 2.2 | 3.5 | | 100.0 |
| Std. Error | 1.4 | 0.3 | 2.0 | 1.5 | 1.6 | 1.3 | 0.6 | 0.8 | | |
| Catch | 1,266 | 49 | 3,520 | 1,365 | 1,743 | 1,020 | 214 | 329 | | 9,506 |
| Statistical Week 37 (Sept. 7 - 13) | | | | | | | | | | |
| Sample Number | 75 | 3 | 264 | 100 | 166 | 58 | 31 | 29 | 3 | 729 |
| Percent | 10.3 | 0.4 | 36.2 | 13.7 | 22.8 | 8.0 | 4.3 | 4.0 | 0.4 | 100.0 |
| Std. Error | 1.1 | 0.2 | 1.8 | 1.3 | 1.6 | 1.0 | 0.7 | 0.7 | 0.2 | |
| Catch | 1,082 | 43 | 3,809 | 1,443 | 2,395 | 837 | 447 | 418 | 43 | 10,517 |
| Combined Periods (Percentages are weighted by period catches) | | | | | | | | | | |
| Sample Number | 362 | 17 | 2,018 | 620 | 727 | 641 | 82 | 170 | 6 | 4,643 |
| Percent | 6.2 | 0.3 | 45.8 | 12.2 | 14.9 | 15.3 | 1.4 | 3.6 | 0.1 | 100.0 |
| Std. Error | 0.3 | 0.1 | 0.8 | 0.5 | 0.6 | 0.6 | 0.2 | 0.3 | <0.1 | |
| Catch | 9,212 | 462 | 67,811 | 18,116 | 22,129 | 22,658 | 2,133 | 5,396 | 131 | 148,048 |

-Continued-

Table 10. Page 2 of 4.

| Southwest Quadrant | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 | 1980 | 1979 | 1979 | 1978 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | 0.6 | 1.5 | 1.6 | Total |
| Statistical Week | 26 | (June 22 - 28) | | | | | | | | | | |
| Sample Number | 5 | | 233 | 20 | 77 | 51 | 2 | 15 | 1 | | | 404 |
| Percent | 1.2 | | 57.7 | 5.0 | 19.1 | 12.6 | 0.5 | 3.7 | 0.2 | | | 100.0 |
| Std. Error | 0.6 | | 2.5 | 1.1 | 2.0 | 1.7 | 0.3 | 0.9 | 0.2 | | | |
| Catch | 86 | | 4,012 | 344 | 1,326 | 878 | 34 | 258 | 17 | | | 6,955 |
| Statistical Week | 27 | (June 29 - July 5) | | | | | | | | | | |
| Sample Number | 18 | | 86 | 24 | 23 | 38 | | 6 | | 1 | | 196 |
| Percent | 9.2 | | 43.9 | 12.2 | 11.7 | 19.4 | | 3.1 | | 0.5 | | 100.0 |
| Std. Error | 2.1 | | 3.6 | 2.3 | 2.3 | 2.8 | | 1.2 | | 0.5 | | |
| Catch | 443 | | 2,118 | 591 | 566 | 936 | | 148 | | 25 | | 4,827 |
| Statistical Week | 28 | (July 6 - 12) | | | | | | | | | | |
| Sample Number | 14 | 1 | 162 | 66 | 50 | 65 | | 13 | | | | 371 |
| Percent | 3.8 | 0.3 | 43.7 | 17.8 | 13.5 | 17.5 | | 3.5 | | | | 100.0 |
| Std. Error | 1.0 | 0.3 | 2.6 | 2.0 | 1.8 | 2.0 | | 1.0 | | | | |
| Catch | 97 | 7 | 1,122 | 457 | 346 | 450 | | 90 | | | | 2,569 |
| Statistical Week | 29 | (July 13 - 19) | | | | | | | | | | |
| Sample Number | 28 | 1 | 131 | 51 | 40 | 45 | 3 | 6 | | | | 305 |
| Percent | 9.2 | 0.3 | 43.0 | 16.7 | 13.1 | 14.8 | 1.0 | 2.0 | | | | 100.0 |
| Std. Error | 1.7 | 0.3 | 2.8 | 2.1 | 1.9 | 2.0 | 0.6 | 0.8 | | | | |
| Catch | 229 | 8 | 1,073 | 418 | 328 | 369 | 25 | 49 | | | | 2,499 |
| Statistical Week | 34 | (August 17 - 23) | | | | | | | | | | |
| Sample Number | 8 | | 31 | 2 | 16 | 1 | 1 | 1 | | | 1 | 61 |
| Percent | 13.1 | | 50.8 | 3.3 | 26.2 | 1.6 | 1.6 | 1.6 | | | 1.6 | 100.0 |
| Std. Error | 4.4 | | 6.5 | 2.3 | 5.7 | 1.6 | 1.6 | 1.6 | | | 1.6 | |
| Catch | 57 | | 223 | 14 | 114 | 7 | 7 | 7 | | | 7 | 436 |
| Statistical Weeks | 35 - 36 | (August 24 - Sept. 6) | | | | | | | | | | |
| Sample Number | 56 | | 266 | 24 | 77 | 16 | 1 | 2 | | | | 442 |
| Percent | 12.7 | | 60.2 | 5.4 | 17.4 | 3.6 | 0.2 | 0.5 | | | | 100.0 |
| Std. Error | 1.6 | | 2.3 | 1.1 | 1.8 | 0.9 | 0.2 | 0.3 | | | | |
| Catch | 379 | | 1,798 | 162 | 521 | 108 | 7 | 14 | | | | 2,989 |
| Combined Periods (Percentages are weighted by period catches) | | | | | | | | | | | | |
| Sample Number | 129 | 2 | 909 | 187 | 283 | 216 | 7 | 43 | 1 | 1 | 1 | 1,779 |
| Percent | 6.4 | 0.1 | 51.0 | 9.8 | 15.8 | 13.6 | 0.4 | 2.8 | 0.1 | 0.1 | <0.1 | 100.0 |
| Std. Error | 0.6 | 0.1 | 1.3 | 0.8 | 1.0 | 1.0 | 0.1 | 0.5 | 0.1 | 0.1 | <0.1 | |
| Catch | 1,292 | 15 | 10,344 | 1,987 | 3,201 | 2,748 | 73 | 566 | 17 | 25 | 7 | 20,275 |

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Table 10. Page 3 of 4.

| Northeast Quadrant | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | Total |
| Statistical Week 26 (June 22 - 28) | | | | | | | | |
| Sample Number | 1 | | 31 | 6 | 9 | 35 | 10 | 92 |
| Percent | 1.1 | | 33.7 | 6.5 | 9.8 | 38.0 | 10.9 | 100.0 |
| Std. Error | 1.1 | | 5.0 | 2.6 | 3.1 | 5.1 | 3.3 | |
| Catch | 66 | | 2,033 | 394 | 590 | 2,295 | 656 | 6,034 |
| Statistical Week 27 (June 29 - July 5) | | | | | | | | |
| Sample Number | | | 33 | 13 | 10 | 83 | 12 | 151 |
| Percent | | | 21.9 | 8.6 | 6.6 | 55.0 | 7.9 | 100.0 |
| Std. Error | | | 3.4 | 2.3 | 2.0 | 4.1 | 2.2 | |
| Catch | | | 1,052 | 414 | 319 | 2,645 | 382 | 4,812 |
| Statistical Week 28 (July 6 - 12) | | | | | | | | |
| Sample Number | | | 7 | 2 | 6 | 44 | 8 | 67 |
| Percent | | | 10.4 | 3.0 | 9.0 | 65.7 | 11.9 | 100.0 |
| Std. Error | | | 3.8 | 2.1 | 3.5 | 5.8 | 4.0 | |
| Catch | | | 347 | 99 | 298 | 2,183 | 397 | 3,324 |
| Statistical Weeks 29 - 30 (July 13 - 26) | | | | | | | | |
| Sample Number | 3 | 5 | 23 | 16 | 9 | 67 | 7 | 130 |
| Percent | 2.3 | 3.8 | 17.7 | 12.3 | 6.9 | 51.5 | 5.4 | 100.0 |
| Std. Error | 1.3 | 1.7 | 3.4 | 2.9 | 2.2 | 4.4 | 2.0 | |
| Catch | 35 | 58 | 266 | 185 | 104 | 775 | 81 | 1,504 |
| Statistical Weeks 34 - 35 (August 17 - 30) | | | | | | | | |
| Sample Number | 11 | | 52 | 65 | 2 | 37 | 3 | 170 |
| Percent | 6.5 | | 30.6 | 38.2 | 1.2 | 21.8 | 1.8 | 100.0 |
| Std. Error | 1.9 | | 3.5 | 3.7 | 0.8 | 3.2 | 1.0 | |
| Catch | 171 | | 808 | 1,008 | 31 | 575 | 47 | 2,640 |
| Combined Periods (Percentages are weighted by period catches) | | | | | | | | |
| Sample Number | 15 | 5 | 146 | 102 | 36 | 266 | 40 | 610 |
| Percent | 1.5 | 0.3 | 24.6 | 11.5 | 7.3 | 46.3 | 8.5 | 100.0 |
| Std. Error | 0.5 | 0.1 | 2.1 | 1.3 | 1.3 | 2.3 | 1.4 | |
| Catch | 271 | 58 | 4,506 | 2,102 | 1,342 | 8,472 | 1,563 | 18,314 |

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Table 10. Page 4 of 4.

| Southeast Quadrant | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | Total |
| Statistical Week | 26 | (June 22 - 28) | | | | | | |
| Sample Number | 4 | | 55 | 42 | 3 | 55 | 1 | 160 |
| Percent | 2.5 | | 34.4 | 26.2 | 1.9 | 34.4 | 0.6 | 100.0 |
| Std. Error | 1.2 | | 3.8 | 3.5 | 1.1 | 3.8 | 0.6 | |
| Catch | 105 | | 1,439 | 1,099 | 79 | 1,440 | 26 | 4,188 |
| Statistical Week | 27 | (June 29 - July 5) | | | | | | |
| Sample Number | | 4 | 24 | 80 | 1 | 34 | 5 | 148 |
| Percent | | 2.7 | 16.2 | 54.1 | 0.7 | 23.0 | 3.4 | 100.0 |
| Std. Error | | 1.3 | 3.0 | 4.1 | 0.7 | 3.5 | 1.5 | |
| Catch | | 111 | 669 | 2,229 | 28 | 947 | 139 | 4,123 |
| Statistical Week | 28 | (July 6 - 12) | | | | | | |
| Sample Number | 18 | 1 | 80 | 74 | 8 | 55 | 4 | 240 |
| Percent | 7.5 | 0.4 | 33.3 | 30.8 | 3.3 | 22.9 | 1.7 | 100.0 |
| Std. Error | 1.7 | 0.4 | 3.0 | 3.0 | 1.2 | 2.7 | 0.8 | |
| Catch | 321 | 18 | 1,425 | 1,318 | 143 | 980 | 71 | 4,276 |
| Statistical Week | 29 | (July 13 - 19) | | | | | | |
| Sample Number | 16 | 1 | 60 | 84 | 8 | 47 | 1 | 217 |
| Percent | 7.4 | 0.5 | 27.6 | 38.7 | 3.7 | 21.7 | 0.5 | 100.0 |
| Std. Error | 1.8 | 0.5 | 3.0 | 3.3 | 1.3 | 2.8 | 0.5 | |
| Catch | 218 | 14 | 816 | 1,141 | 109 | 639 | 14 | 2,951 |
| Statistical Weeks | 34 - 35 | | (August 17 - 30) | | | | | |
| Sample Number | 43 | 1 | 21 | 142 | 2 | 31 | | 240 |
| Percent | 17.9 | 0.4 | 8.8 | 59.2 | 0.8 | 12.9 | | 100.0 |
| Std. Error | 2.5 | 0.4 | 1.8 | 3.2 | 0.6 | 2.2 | | |
| Catch | 516 | 12 | 252 | 1,705 | 24 | 372 | | 2,881 |
| Statistical Week | 36 | (August 31 - Sept. 6) | | | | | | |
| Sample Number | 13 | | 13 | 44 | | 12 | | 82 |
| Percent | 15.9 | | 15.9 | 53.7 | | 14.6 | | 100.0 |
| Std. Error | 4.1 | | 4.1 | 5.5 | | 3.9 | | |
| Catch | 246 | | 246 | 835 | | 227 | | 1,554 |
| Statistical Week | 37 | (Sept. 7 - 13) | | | | | | |
| Sample Number | 18 | 3 | 18 | 70 | 2 | 15 | 1 | 127 |
| Percent | 14.2 | 2.4 | 14.2 | 55.1 | 1.6 | 11.8 | 0.8 | 100.0 |
| Std. Error | 3.1 | 1.4 | 3.1 | 4.4 | 1.1 | 2.9 | 0.8 | |
| Catch | 239 | 40 | 239 | 927 | 27 | 199 | 13 | 1,684 |
| Combined Periods (Percentages are weighted by period catches) | | | | | | | | |
| Sample Number | 112 | 10 | 271 | 536 | 24 | 249 | 12 | 1,214 |
| Percent | 7.6 | 0.9 | 23.5 | 42.7 | 1.9 | 22.2 | 1.2 | 100.0 |
| Std. Error | 0.7 | 0.3 | 1.3 | 1.4 | 0.4 | 1.3 | 0.4 | |
| Catch | 1,644 | 195 | 5,087 | 9,255 | 408 | 4,804 | 264 | 21,657 |

Table 11. Length at age for chinook salmon harvested in the Southeast Alaska winter troll fishery by area and period, 1985 - 1986.*

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1985 = | 1982 | | 1981 | | 1980 | | 1979 | | 1978 |
| | 1986 = | 1983 | | 1982 | | 1981 | | 1980 | | 1979 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | 1.5 |
| **Northwest Quadrant** | | | | | | | | | | |
| Catch Weeks 40 - 53 (1 Oct. - 31 Dec. 1985), Sample Weeks 42 - 48 (13 Oct. - 30 Nov. 1985) | | | | | | | | | | |
| | Avg. Length | 686.3 | | 789.7 | 716.6 | 850.0 | 831.2 | | | |
| | Std. Error | 9.5 | | 13.4 | 12.5 | | 15.8 | | | |
| | Sample Size | 26 | | 37 | 25 | 1 | 17 | | | |
| Catch Weeks 1 - 16 (1 Jan. - 14 Apr. 1986), Sample Weeks 12 - 16 (16 Mar. - 14 Apr. 1986) | | | | | | | | | | |
| | Avg. Length | | | 758.2 | | 865.8 | 828.4 | 875.0 | 901.0 | |
| | Std. Error | | | 12.4 | | 6.9 | 10.0 | | 13.7 | |
| | Sample Size | | | 34 | | 58 | 29 | 1 | 29 | |
| Total | | | | | | | | | | |
| Catch Weeks 40 - 16 (1 Oct. 1985 - 14 Apr. 1986), Sample Weeks 42 - 16 (13 Oct. 1985 - 14 Apr. 1986) | | | | | | | | | | |
| All Fish | Avg. Length | 686.3 | | 774.6 | 716.6 | 865.5 | 829.5 | 875.0 | 901.0 | |
| | Std. Error | 9.5 | | 9.3 | 12.5 | 6.7 | 8.5 | | 13.7 | |
| | Sample Size | 26 | | 71 | 25 | 59 | 46 | 1 | 29 | |
| **Southwest Quadrant** | | | | | | | | | | |
| Catch Weeks 40 - 53 (1 Oct. - 31 Dec. 1985), Sample Weeks 44 - 51 (27 Oct. - 21 Dec. 1985) | | | | | | | | | | |
| | Avg. Length | 689.0 | | 811.4 | 754.0 | | 828.3 | | | |
| | Std. Error | 18.0 | | 19.8 | 30.4 | | 44.8 | | | |
| | Sample Size | 5 | | 7 | 5 | | 3 | | | |
| Catch Weeks 1 - 16 (1 Jan. - 14 Apr. 1986), Sample Weeks 12 - 16 (16 Mar. - 14 Apr. 1986) | | | | | | | | | | |
| | Avg. Length | | | 702.5 | | 852.5 | | | | |
| | Std. Error | | | 24.9 | | 2.5 | | | | |
| | Sample Size | | | 4 | | 2 | | | | |
| Total | | | | | | | | | | |
| Catch Weeks 40 - 16 (1 Oct. 1985 - 14 Apr. 1986), Sample Weeks 44 - 16 (27 Oct. 1985 - 14 Apr. 1986) | | | | | | | | | | |
| | Avg. Length | 689.0 | | 771.8 | 754.0 | 852.5 | 828.3 | | | |
| | Std. Error | 18.0 | | 22.2 | 30.4 | 2.5 | 44.8 | | | |
| | Sample Size | 5 | | 11 | 5 | 2 | 3 | | | |

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Table 11. (page 2 of 3)

| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1985 = | 1982 | | 1981 | | 1980 | | 1979 | | 1978 |
| 1986 = | 1983 | | 1982 | | 1981 | | 1980 | | 1979 |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | 1.5 |
| **Northeast Quadrant** | | | | | | | | | |
| Catch Weeks 40 - 53 (1 Oct. - 31 Dec. 1985), Sample Weeks 41 - 48 (6 Oct. - 30 Nov. 1985) | | | | | | | | | |
| Avg. Length | 659.3 | 662.0 | 739.8 | 683.9 | 744.0 | 748.4 | | 818.7 | |
| Std. Error | 9.0 | | 8.4 | 3.7 | 39.0 | 5.3 | | 50.7 | |
| Sample Size | 24 | 1 | 69 | 155 | 2 | 149 | | 3 | |
| Catch Weeks 1 - 16 (1 Jan. - 14 Apr. 1986), Sample Weeks 11 - 16 (9 Mar. - 14 Apr. 1986) | | | | | | | | | |
| Avg. Length | 705.0 | | 725.9 | 633.8 | 831.0 | 738.0 | 812.5 | 841.6 | 925.0 |
| Std. Error | 67.4 | | 6.3 | 9.2 | 7.0 | 7.5 | 37.5 | 10.4 | |
| Sample Size | 4 | | 90 | 4 | 82 | 80 | 2 | 56 | 1 |
| Total | | | | | | | | | |
| Catch Weeks 40 - 16 (1 Oct. 1985 - 14 Apr. 1986), Sample Weeks 41 - 16 (6 Oct. 1985 - 14 Apr. 1986) | | | | | | | | | |
| Avg. Length | 665.9 | 662.0 | 732.0 | 682.6 | 829.0 | 744.7 | 812.5 | 840.4 | 925.0 |
| Std. Error | 11.9 | | 5.1 | 3.6 | 7.0 | 4.4 | 37.5 | 10.1 | |
| Sample Size | 28 | 1 | 159 | 159 | 84 | 229 | 2 | 59 | 1 |
| **Southeast Quadrant** | | | | | | | | | |
| Catch Weeks 40 - 53 (1 Oct. - 31 Dec. 1985), Sample Weeks 41 - 45 (6 Oct. - 9 Nov. 1985) | | | | | | | | | |
| Avg. Length | 662.4 | 630.0 | 767.2 | 685.7 | | 750.0 | | | |
| Std. Error | 4.3 | | 19.2 | 3.5 | | 13.6 | | | |
| Sample Size | 87 | 1 | 21 | 172 | | 37 | | | |
| Catch Weeks 1 - 16 (1 Jan. - 14 Apr. 1986), Sample Weeks 11 - 16 (9 Mar. - 14 Apr. 1986) | | | | | | | | | |
| Avg. Length | | | 699.8 | 657.2 | 828.8 | 734.6 | 785.0 | 851.2 | |
| Std. Error | | | 7.5 | 9.0 | 10.1 | 5.6 | | 16.0 | |
| Sample Size | | | 75 | 9 | 40 | 115 | 1 | 18 | |
| Total | | | | | | | | | |
| Catch Weeks 40 - 16 ( 1 Oct. 1985 - 14 Apr. 1986), Sample Weeks 41 - 16 (6 Oct. 1985 - 14 Apr. 1986) | | | | | | | | | |
| Avg. Length | 662.4 | 630.0 | 714.6 | 684.3 | 828.8 | 738.3 | 785.0 | 851.2 | |
| Std. Error | 4.3 | | 7.7 | 3.4 | 10.1 | 5.4 | | 16.0 | |
| Sample Size | 87 | 1 | 96 | 181 | 40 | 152 | 1 | 18 | |

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Table 11. (page 3 of 3)

| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1985 = | 1982 | | 1981 | | 1980 | | 1979 | | 1978 |
| 1986 = | 1983 | | 1982 | | 1981 | | 1980 | | 1979 |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | 1.5 |
| Combined Quadrants | | | | | | | | | |
| Catch Weeks 40 - 53 (1 Oct. - 31 Dec. 1985), Sample Weeks 41 - 51 (6 Oct. - 21 Dec. 1985) | | | | | | | | | |
| Avg. Length | 667.2 | 646.0 | 761.6 | 688.0 | 779.3 | 756.7 | | 818.7 | |
| Std. Error | 3.7 | 16.0 | 6.8 | 2.6 | 41.9 | 5.0 | | 50.7 | |
| Sample Size | 142 | 2 | 134 | 357 | 3 | 206 | | 3 | |
| Catch Weeks 1 - 16 (1 Jan. - 14 Apr. 1986), Sample Weeks 11 - 16 (9 Mar. - 14 Apr. 1986) | | | | | | | | | |
| Avg. Length | 705.0 | | 721.2 | 650.0 | 841.8 | 747.9 | 821.3 | 860.0 | 925.0 |
| Std. Error | 67.4 | | 4.7 | 7.3 | 4.6 | 4.6 | 24.4 | 7.7 | |
| Sample Size | 4 | | 203 | 13 | 182 | 224 | 4 | 103 | 1 |
| Catch Weeks 40 - 16 (1 Oct. 1985 - 14 Apr. 1986), Sample Weeks 41 - 16 (6 Oct. 1985 - 14 Apr. 1986) | | | | | | | | | |
| Avg. Length | 668.2 | 646.0 | 737.3 | 686.7 | 840.8 | 752.1 | 821.3 | 858.8 | 925.0 |
| Std. Error | 3.9 | 16.0 | 4.0 | 2.5 | 4.6 | 3.4 | 24.4 | 7.6 | |
| Sample Size | 146 | 2 | 337 | 370 | 185 | 430 | 4 | 106 | 1 |

* Catch weeks are statistical weeks when the fishery was open and catches were recorded. Sample weeks are the catch weeks which were sampled for age, length and coded-wire tags.

Table 12. Length at age for chinook salmon harvested in the Southeast Alaska summer troll fishery by area and period, 1986.

| Northwest Quadrant | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 | 1980 | 1979 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | 1.5 |
| Statistical Week 26 (June 22 - 28) | | | | | | | | | | |
| | Avg. Length | 682.5 | | 737.4 | 637.9 | 830.9 | 780.6 | | 878.3 | |
| | Std. Error | 7.5 | | 8.8 | 20.4 | 17.6 | 16.9 | | 59.3 | |
| | Sample Size | 2 | | 60 | 7 | 17 | 24 | | 3 | |
| Statistical Week 27 (June 29 - July 5) | | | | | | | | | | |
| | Avg. Length | | | 744.1 | 669.3 | 883.5 | 770.1 | 990.0 | 994.7 | |
| | Std. Error | | | 8.0 | 14.4 | 13.9 | 18.6 | 55.0 | 44.8 | |
| | Sample Size | | | 62 | 19 | 24 | 18 | 2 | 7 | |
| Statistical Week 28 (July 6 - 12) | | | | | | | | | | |
| | Avg. Length | 683.8 | | 755.6 | 687.4 | 895.0 | 783.5 | 870.0 | 879.7 | |
| | Std. Error | 35.8 | | 8.5 | 11.7 | 17.9 | 19.7 | | 29.0 | |
| | Sample Size | 4 | | 47 | 17 | 16 | 22 | 1 | 6 | |
| Statistical Week 29 (July 13 - 19) | | | | | | | | | | |
| | Avg. Length | 709.6 | 605.0 | 767.5 | 681.2 | 853.2 | 776.7 | | 857.9 | |
| | Std. Error | 23.8 | 50.0 | 4.4 | 7.3 | 11.6 | 9.4 | | 14.7 | |
| | Sample Size | 16 | 2 | 158 | 41 | 30 | 53 | | 12 | |
| Statistical Week 34 (August 17 - 23) | | | | | | | | | | |
| | Avg. Length | 659.2 | 620.0 | 750.7 | 660.0 | 852.0 | 739.5 | 890.0 | | |
| | Std. Error | 13.6 | | 17.9 | 6.6 | 30.8 | 13.8 | | | |
| | Sample Size | 6 | 1 | 15 | 36 | 5 | 21 | 1 | | |
| Statistical Week 35 (August 24 - 30) | | | | | | | | | | |
| | Avg. Length | 666.7 | 670.0 | 777.8 | 695.4 | 870.0 | 769.9 | | 898.9 | 892.5 |
| | Std. Error | 8.4 | | 7.4 | 7.4 | 10.6 | 9.4 | | 22.7 | 132.5 |
| | Sample Size | 26 | 1 | 78 | 78 | 22 | 57 | | 18 | 2 |
| Statistical Week 36 (August 31 - Sept. 6) | | | | | | | | | | |
| | Avg. Length | 653.6 | 650.0 | 775.3 | 676.4 | 880.0 | 771.4 | 866.7 | 876.4 | |
| | Std. Error | 12.6 | | 15.5 | 9.1 | 14.4 | 14.4 | 80.9 | 17.1 | |
| | Sample Size | 11 | 1 | 37 | 33 | 20 | 22 | 3 | 7 | |
| Statistical Week 37 (Sept. 7 - 13) | | | | | | | | | | |
| | Avg. Length | 675.8 | 640.0 | 787.7 | 698.7 | 890.2 | 802.3 | 910.0 | 894.0 | 870.0 |
| | Std. Error | 10.2 | | 6.8 | 6.6 | 11.9 | 14.2 | 39.1 | 22.8 | |
| | Sample Size | 20 | 1 | 75 | 49 | 27 | 20 | 4 | 5 | 1 |
| Combined Periods (Unweighted) | | | | | | | | | | |
| | Avg. Length | 675.9 | 631.7 | 764.8 | 683.4 | 871.3 | 774.0 | 907.3 | 895.8 | 885.0 |
| | Std. Error | 6.4 | 16.8 | 2.8 | 3.3 | 5.2 | 4.8 | 27.6 | 11.4 | 76.9 |
| | Sample Size | 85 | 6 | 532 | 280 | 161 | 237 | 11 | 58 | 3 |

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Table 12. (page 2 of 4)

| Southwest Quadrant | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 | 1980 | 1979 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | 0.6 |
| Statistical Week 26 (June 22 - 28) | | | | | | | | | | |
| | Avg. Length | 707.5 | | 761.1 | 665.0 | 846.0 | 799.7 | 882.5 | 836.7 | 850.0 |
| | Std. Error | 67.5 | | 6.5 | 9.1 | 10.6 | 17.5 | 52.5 | 12.0 | |
| | Sample Size | 2 | | 74 | 7 | 25 | 16 | 2 | 3 | 1 |
| Statistical Week 27 (June 29 - July 5) | | | | | | | | | | |
| | Avg. Length | 650.0 | | 747.2 | 617.5 | 907.5 | 753.3 | | 955.0 | |
| | Std. Error | | | 20.5 | 12.5 | 132.5 | 88.5 | | | |
| | Sample Size | 1 | | 9 | 2 | 2 | 3 | | 1 | |
| Statistical Week 28 (July 6 - 12) | | | | | | | | | | |
| | Avg. Length | 680.0 | | 770.7 | 665.9 | 962.5 | 843.5 | | 865.0 | |
| | Std. Error | | | 14.9 | 11.1 | 22.5 | 28.0 | | 35.0 | |
| | Sample Size | 1 | | 14 | 11 | 2 | 10 | | 2 | |
| Statistical Week 29 (July 13 - 19) | | | | | | | | | | |
| | Avg. Length | 622.5 | 625.0 | 741.8 | 751.0 | 816.7 | 806.4 | 935.0 | 905.0 | |
| | Std. Error | 18.9 | | 14.6 | 45.8 | 29.6 | 9.1 | | | |
| | Sample Size | 6 | 1 | 14 | 5 | 3 | 11 | 1 | 1 | |
| Statistical Weeks 34 - 36 (August 17 - Sept. 6) | | | | | | | | | | |
| | Avg. Length | 673.6 | | 764.9 | 705.0 | 877.0 | 843.8 | | | |
| | Std. Error | 14.9 | | 11.2 | 10.4 | 25.9 | 59.2 | | | |
| | Sample Size | 7 | | 35 | 5 | 10 | 4 | | | |
| Combined Periods (Unweighted) | | | | | | | | | | |
| | Avg. Length | 658.5 | 625.0 | 760.2 | 683.2 | 859.8 | 812.2 | 900.0 | 871.4 | 850.0 |
| | Std. Error | 12.7 | | 4.8 | 10.8 | 11.0 | 11.9 | 35.0 | 19.0 | |
| | Sample Size | 17 | 1 | 146 | 30 | 42 | 44 | 3 | 7 | 1 |

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Table 12. (page 3 of 4)

| Northeast Quadrant | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 |
| Statistical Week 26 (June 22 - 28) | | | | | | | | |
| | Avg. Length | 780.0 | | 682.7 | 682.0 | 763.9 | 745.9 | 754.5 |
| | Std. Error | | | 11.5 | 25.3 | 18.9 | 11.9 | 23.4 |
| | Sample Size | 1 | | 31 | 5 | 9 | 34 | 10 |
| Statistical Week 27 (June 29 - July 5) | | | | | | | | |
| | Avg. Length | | | 711.3 | 677.2 | 812.5 | 730.7 | 728.8 |
| | Std. Error | | | 12.9 | 17.9 | 26.0 | 6.5 | 13.8 |
| | Sample Size | | | 24 | 9 | 10 | 76 | 12 |
| Statistical Week 28 (July 6 - 12) | | | | | | | | |
| | Avg. Length | | | 732.1 | 677.5 | 839.2 | 738.8 | 791.3 |
| | Std. Error | | | 5.5 | 42.5 | 37.6 | 6.1 | 17.4 |
| | Sample Size | | | 7 | 2 | 6 | 44 | 8 |
| Statistical Weeks 29 - 30 (July 13 - 26) | | | | | | | | |
| | Avg. Length | 668.3 | 597.0 | 698.9 | 674.4 | 830.0 | 731.7 | 818.6 |
| | Std. Error | 16.9 | 17.7 | 10.3 | 11.2 | 38.3 | 6.7 | 36.0 |
| | Sample Size | 3 | 5 | 23 | 16 | 8 | 67 | 7 |
| Statistical Weeks 34 - 35 (August 17 - 30) | | | | | | | | |
| | Avg. Length | 648.6 | | 675.5 | 662.5 | 745.0 | 744.4 | 818.3 |
| | Std. Error | 6.7 | | 6.1 | 4.9 | 15.0 | 9.5 | 29.2 |
| | Sample Size | 11 | | 52 | 62 | 2 | 35 | 3 |
| Combined Periods (Unweighted) | | | | | | | | |
| | Avg. Length | 661.3 | 597.0 | 690.2 | 667.3 | 804.7 | 736.3 | 770.1 |
| | Std. Error | 10.4 | 17.7 | 4.7 | 4.3 | 14.4 | 3.5 | 11.3 |
| | Sample Size | 15 | 5 | 137 | 94 | 35 | 256 | 40 |

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Table 12. (page 4 of 4)

| Southeast Quadrant | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 |
| **Statistical Week 26 (June 22 - 28)** | | | | | | | |
| Avg. Length | 745.0 | | 712.3 | 665.9 | | 770.0 | |
| Std. Error | | | 13.1 | 10.6 | | 11.4 | |
| Sample Size | 1 | | 13 | 16 | | 20 | |
| **Statistical Week 27 (June 29 - July 5)** | | | | | | | |
| Avg. Length | | 645.0 | 805.0 | 707.0 | 870.0 | 875.0 | |
| Std. Error | | | 96.7 | 16.9 | | | |
| Sample Size | | 1 | 3 | 10 | 1 | 1 | |
| **Statistical Week 28 (July 6 - 12)** | | | | | | | |
| Avg. Length | 645.0 | 590.0 | 699.5 | 645.0 | | 751.4 | 1130.0 |
| Std. Error | 27.2 | | 23.9 | 18.5 | | 32.8 | |
| Sample Size | 4 | 1 | 10 | 6 | | 7 | 1 |
| **Statistical Week 29 (July 13 - 19)** | | | | | | | |
| Avg. Length | 615.0 | | 749.0 | 658.6 | | 738.8 | |
| Std. Error | 15.0 | | 19.1 | 17.5 | | 30.1 | |
| Sample Size | 2 | | 5 | 7 | | 8 | |
| **Statistical Weeks 34 - 35 (August 17 - 30)** | | | | | | | |
| Avg. Length | 627.5 | | 645.0 | 656.7 | | 732.5 | |
| Std. Error | 22.5 | | 18.0 | 8.7 | | 31.1 | |
| Sample Size | 2 | | 3 | 18 | | 4 | |
| **Statistical Week 36 (August 31 - Sept. 6)** | | | | | | | |
| Avg. Length | 670.0 | | 760.0 | 684.0 | | 758.3 | |
| Std. Error | | | 20.0 | 16.0 | | 44.4 | |
| Sample Size | 1 | | 2 | 5 | | 3 | |
| **Statistical Week 37 (Sept. 7 - 13)** | | | | | | | |
| Avg. Length | 620.0 | 630.0 | 731.7 | 715.0 | | 725.0 | |
| Std. Error | | | 42.3 | 9.5 | | | |
| Sample Size | 1 | 1 | 3 | 6 | | 1 | |
| **Combined Periods (Unweighted)** | | | | | | | |
| Avg. Length | 645.5 | 621.7 | 719.6 | 672.6 | 870.0 | 758.5 | 1130.0 |
| Std. Error | 14.8 | 16.4 | 11.8 | 5.6 | | 10.1 | |
| Sample Size | 11 | 3 | 39 | 68 | 1 | 44 | 1 |

Table 13. Age composition of the Southeast Alaska purse seine harvest of chinook salmon by district, 1986.

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | | 1980 | | |
| | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | Total |
| District 101 | | | | | | | | | | |
| Statistical Weeks 31 - 32 (July 27 - August 9) | | | | | | | | | | |
| Sample Number | | 10 | 3 | 10 | 35 | 3 | 65 | | 3 | 129 |
| Percent | | 7.8 | 2.3 | 7.8 | 27.1 | 2.3 | 50.4 | | 2.3 | 100.0 |
| Std. Error | | 2.4 | 1.3 | 2.4 | 3.9 | 1.3 | 4.4 | | 1.3 | |
| Catch | | 133 | 40 | 133 | 464 | 40 | 861 | | 40 | 1,711 |
| District 102 | | | | | | | | | | |
| Statistical Weeks 31 - 33 (July 27 - August 16) | | | | | | | | | | |
| Sample Number | | 9 | | | 1 | | 3 | | 1 | 14 |
| Percent | | 64.3 | | | 7.1 | | 21.4 | | 7.1 | 100.0 |
| Std. Error | | 13.3 | | | 7.1 | | 11.4 | | 7.1 | |
| Catch | | 187 | | | 21 | | 63 | | 21 | 292 |
| District 104 | | | | | | | | | | |
| Statistical Weeks 31 - 32 (July 27 - August 9) | | | | | | | | | | |
| Sample Number | | 16 | | 160 | 5 | 98 | 44 | 3 | 24 | 350 |
| Percent | | 4.6 | | 45.7 | 1.4 | 28.0 | 12.6 | 0.9 | 6.9 | 100.0 |
| Std. Error | | 1.1 | | 2.7 | 0.6 | 2.4 | 1.8 | 0.5 | 1.4 | |
| Catch | | 431 | | 4,308 | 135 | 2,639 | 1,185 | 81 | 646 | 9,425 |
| District 109 | | | | | | | | | | |
| Statistical Week 32 (August 3 - 9) | | | | | | | | | | |
| Sample Number | 1 | | 2 | | | | | | | 3 |
| Percent | 33.3 | | 66.7 | | | | | | | 100.0 |
| Std. Error | 33.3 | | 33.3 | | | | | | | |
| Catch | 19 | | 37 | | | | | | | 56 |
| District 112 | | | | | | | | | | |
| Statistical Weeks 27 - 33 (June 29 - August 16) | | | | | | | | | | |
| Sample Number | | 3 | 1 | 8 | 4 | 1 | 1 | | | 18 |
| Percent | | 16.7 | 5.6 | 44.4 | 22.2 | 5.6 | 5.6 | | | 100.0 |
| Std. Error | | 9.0 | 5.6 | 12.1 | 10.1 | 5.6 | 5.6 | | | |
| Catch | | 113 | 38 | 300 | 150 | 38 | 38 | | | 677 |
| District 113 | | | | | | | | | | |
| Statistical Weeks 32 - 33 (August 3 - 16) | | | | | | | | | | |
| Sample Number | 2 | | | | | | | | | 2 |
| Percent | 100.0 | | | | | | | | | 100.0 |
| Std. Error | | | | | | | | | | |
| Catch | 12 | | | | | | | | | 12 |

Table 14. Length at age for chinook salmon harvested in the Southeast Alaska purse seine fishery by district, 1986.

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | | 1980 | |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 |
| District 101 | Statistical Weeks | 31 - 32 | (July 27 - August 9) | | | | | | | |
| | Avg. Length | | 667.5 | 408.3 | 812.5 | 707.7 | 860.0 | 814.0 | | |
| | Std. Error | | 29.0 | 8.8 | 17.5 | 12.2 | | 9.0 | | |
| | Sample Size | | 4 | 3 | 2 | 28 | 1 | 47 | | |
| District 102 | Statistical Weeks | 31 - 33 | (July 27 - August 16) | | | | | | | |
| | Avg. Length | | 560.0 | | | | | 870.0 | | |
| | Std. Error | | 15.0 | | | | | 90.0 | | |
| | Sample Size | | 2 | | | | | 2 | | |
| District 104 | Statistical Weeks | 31 - 32 | (July 27 - August 9) | | | | | | | |
| | Avg. Length | | 677.2 | | 814.5 | 685.0 | 923.1 | 857.3 | 955.0 | 955.0 |
| | Std. Error | | 29.3 | | 7.6 | 5.0 | 13.1 | 14.5 | 39.1 | 17.3 |
| | Sample Size | | 9 | | 80 | 3 | 44 | 24 | 3 | 17 |
| District 109 | Statistical Week | 32 | (August 3 - 9) | | | | | | | |
| | Avg. Length | 345.0 | | 362.5 | | | | | | |
| | Std. Error | | | 17.5 | | | | | | |
| | Sample Size | 1 | | 2 | | | | | | |
| District 112 | Statistical Weeks | 27 - 33 | (June 29 - August 16) | | | | | | | |
| | Avg. Length | | 535.0 | | 724.4 | 573.3 | 720.0 | 560.0 | | |
| | Std. Error | | 10.4 | | 20.3 | 61.3 | | | | |
| | Sample Size | | 3 | | 8 | 3 | 1 | 1 | | |
| District 113 | Statistical Weeks | 32 - 33 | (August 3 - 16) | | | | | | | |
| | Avg. Length | 352.5 | | | | | | | | |
| | Std. Error | 17.5 | | | | | | | | |
| | Sample Size | 2 | | | | | | | | |

Table 15. Age composition of the Southeast Alaska gill net harvest of chinook salmon by district, 1986.

| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1983 | | 1982 | | 1981 | | 1980 | 1979 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | 1.5 | Total |
| District 101 | | | | | | | | | |
| Statistical Weeks | 25 - 33 | | (June 15 - August 16) | | | | | | |
| Sample Number | 8 | 2 | 7 | 24 | 4 | 18 | 7 | | 70 |
| Percent | 11.4 | 2.9 | 10.0 | 34.3 | 5.7 | 25.7 | 10.0 | | 100.0 |
| Std. Error | 3.8 | 2.0 | 3.6 | 5.7 | 2.8 | 5.3 | 3.6 | | |
| Catch | 156 | 39 | 137 | 468 | 78 | 351 | 137 | | 1,366 |
| District 106 | | | | | | | | | |
| Statistical Weeks | 25 - 37 | | (June 15 - Sept. 13) | | | | | | |
| Sample Number | 4 | 2 | 1 | 16 | | 6 | 2 | | 31 |
| Percent | 12.9 | 6.5 | 3.2 | 51.6 | | 19.4 | 6.5 | | 100.0 |
| Std. Error | 6.1 | 4.5 | 3.2 | 9.1 | | 7.2 | 4.5 | | |
| Catch | 220 | 110 | 55 | 880 | | 330 | 110 | | 1,705 |
| District 111 | | | | | | | | | |
| Statistical Weeks | 25 - 30 | | (June 15 - July 26) | | | | | | |
| Sample Number | | 1 | 1 | 17 | | 18 | 16 | | 53 |
| Percent | | 1.9 | 1.9 | 32.1 | | 34.0 | 30.2 | | 100.0 |
| Std. Error | | 1.9 | 1.9 | 6.5 | | 6.6 | 6.4 | | |
| Catch | | 49 | 49 | 836 | | 885 | 787 | | 2,606 |
| District 115 | | | | | | | | | |
| Statistical Weeks | 25 - 39 | | (June 15 - Sept. 27) | | | | | | |
| Sample Number | 14 | 19 | 9 | 147 | 1 | 44 | 7 | 1 | 242 |
| Percent | 5.8 | 7.9 | 3.7 | 60.7 | 0.4 | 18.2 | 2.9 | 0.4 | 100.0 |
| Std. Error | 1.5 | 1.7 | 1.2 | 3.1 | 0.4 | 2.5 | 1.1 | 0.4 | |
| Catch | 160 | 217 | 103 | 1,684 | 11 | 503 | 80 | 11 | 2,769 |

Table 16. Length at age for chinook salmon harvested in the Southeast Alaska gill net fishery by district, 1986.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | | 1980 | 1979 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | 1.5 |
| | Statistical Weeks 25 - 33 (June 15 - August 16) | | | | | | | | |
| District | Avg. Length | 687.0 | 610.0 | 800.0 | 777.8 | 950.0 | 796.4 | 1000.0 | |
| 101 | Std. Error | 104.4 | | 55.0 | 44.5 | | 28.1 | 46.7 | |
| | Sample Size | 5 | 1 | 2 | 13 | 1 | 11 | 5 | |
| | Statistical Weeks 25 - 37 (June 15 - Sept. 13) | | | | | | | | |
| District | Avg. Length | 787.5 | 510.0 | | 689.4 | | 820.5 | 927.5 | |
| 106 | Std. Error | 142.5 | | | 41.4 | | 13.1 | 7.5 | |
| | Sample Size | 2 | 1 | | 9 | | 6 | 2 | |
| | Statistical Weeks 25 - 30 (June 15 - July 26) | | | | | | | | |
| District | Avg. Length | | | | 605.0 | | 790.0 | 915.0 | |
| 111 | Std. Error | | | | | | 47.3 | | |
| | Sample Size | | | | 1 | | 3 | 1 | |
| | Statistical Weeks 25 - 39 (June 15 - Sept. 27) | | | | | | | | |
| District | Avg. Length | 581.4 | 510.4 | 645.0 | 582.3 | 750.0 | 694.4 | 787.1 | 905.0 |
| 115 | Std. Error | 13.0 | 16.9 | 12.1 | 4.9 | | 13.2 | 34.6 | |
| | Sample Size | 11 | 14 | 5 | 103 | 1 | 35 | 7 | 1 |

Table 17. Age and length composition of the Canadian commercial gill net harvest of chinook salmon on the Taku River, 1986.

| | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|
| | 1982 | 1981 | 1980 | 1979 | |
| | 1.2 | 1.3 | 1.4 | 1.5 | Total |
| Statisical Weeks 27 - 30 (June 29 - July 26) | | | | | |
| Male | | | | | |
| Sample Size | 4 | 8 | 5 | 1 | 18 |
| Percent | 12.9 | 25.8 | 16.1 | 3.2 | 58.1 |
| Std. Error | 6.1 | 8.0 | 6.7 | 3.2 | 9.0 |
| Catch | 45 | 91 | 57 | 11 | 204 |
| Avg. Length | 437.5 | 628.8 | 919 | 960 | |
| Std Error | 21.8 | 36.9 | 43.2 | | |
| Female | | | | | |
| Sample Size | 5 | 8 | | | 13 |
| Percent | 16.1 | 25.8 | | | 41.9 |
| Std. Error | 6.7 | 8.0 | | | 9.0 |
| Catch | 57 | 91 | | | 148 |
| Avg. Length | 758 | 850.6 | | | |
| Std Error | 45.3 | 7.5 | | | |
| All Fish | | | | | |
| Sample Size | 6 | 15 | 17 | 1 | 39 |
| Percent | 15.4 | 38.5 | 43.6 | 2.6 | 100.0 |
| Std. Error | 5.9 | 7.9 | 8.0 | 2.6 | |
| Catch | 54 | 135 | 154 | 9 | 352 |
| Avg. Length | 437.5 | 678.5 | 876.9 | 960 | |
| Std Error | 21.8 | 32.9 | 18.7 | | |

Table 18. Age composition of chinook salmon from select Southeast Alaska sport fisheries, 1986.

| Fishery (Sampling Date | | | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1984 | 1983 | | 1982 | | 1981 | | 1980 | | 1979 | |
| | | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | 1.5 | Total |
| Haines Derby and Creel 14 April-13 July | Males | Sample Number | | | | | 1 | 2 | 15 | | 49 | 3 | 70 |
| | | Percent | | | | | 0.6 | 1.3 | 9.6 | | 31.4 | 1.9 | 44.9 |
| | | Std. Error | | | | | | 0.6 | 1.7 | | 2.6 | 0.8 | |
| | | Number Caught | | | | | 11 | 21 | 159 | | 520 | 32 | 743 |
| | Females | Sample Number | | | | 1 | | 1 | 12 | | 69 | 3 | 86 |
| | | Percent | | | | 0.6 | | 0.6 | 7.7 | | 44.2 | 1.9 | 55.1 |
| | | Std. Error | | | | | | | 1.5 | | 2.8 | 0.8 | |
| | | Number Caught | | | | 11 | | 11 | 127 | | 732 | 32 | 912 |
| | Total | Sample Number | | | | 2 | 6 | 4 | 67 | | 229 | 10 | 318 |
| | | Percent | | | | 0.6 | 1.9 | 1.3 | 21.1 | | 72.0 | 3.1 | 100.0 |
| | | Std. Error | | | | 0.4 | 0.8 | 0.6 | 2.3 | | 2.5 | 1.0 | |
| | | Number Caught | | | | 10 | 31 | 21 | 349 | | 1,192 | 52 | 1,655 |
| Juneau Derby 1-3 August | Males | Sample Number | | | | 1 | | | 1 | | | | 2 |
| | | Percent | | | | 0.6 | | | 0.6 | | | | 1.3 |
| | | Std. Error | | | | | | | | | | | |
| | | Number Caught | | | | 79 | | | 79 | | | | 157 |
| | Females | Sample Number | | | | | 2 | | 8 | | 2 | | 12 |
| | | Percent | | | | | 1.3 | | 5.1 | | 1.3 | | 7.7 |
| | | Std. Error | | | | | 3.2 | | 6.4 | | 3.2 | | |
| | | Number Caught | | | | | 157 | | 629 | | 157 | | 943 |
| | Total | Sample Number | | 3 | 1 | 64 | 168 | 7 | 315 | | 23 | | 581 |
| | | Percent | | 0.5 | 0.2 | 11.0 | 28.9 | 1.2 | 54.2 | | 4.0 | | 100.0 |
| | | Std. Error | | 0.3 | | 1.3 | 1.9 | 0.5 | 2.1 | | 0.8 | | |
| | | Number Caught | | 6 | 2 | 121 | 318 | 13 | 596 | | 44 | | 1,100 |
| Juneau Creel 14 April - 5 October | Males | Sample Number | | 1 | 1 | 2 | 11 | 2 | 23 | | 3 | | 43 |
| | | Percent | | 0.6 | 0.6 | 1.3 | 7.1 | 1.3 | 14.7 | | 1.9 | | 27.6 |
| | | Std. Error | | | | 1.7 | 3.9 | 1.7 | 5.4 | | 2.1 | | |
| | | Number Caught | | 38 | 38 | 75 | 414 | 75 | 865 | | 113 | | 1,618 |
| | Females | Sample Number | | | 1 | 4 | 15 | 4 | 21 | | 17 | | 62 |
| | | Percent | | | 0.6 | 2.6 | 9.6 | 2.6 | 13.5 | | 10.9 | | 39.7 |
| | | Std. Error | | | | 2.0 | 3.7 | 2.0 | 4.3 | | 4.0 | | |
| | | Number Caught | | | 38 | 150 | 564 | 150 | 790 | | 640 | | 2,332 |
| | Total | Sample Number | | 5 | 7 | 35 | 139 | 18 | 220 | | 89 | 2 | 515 |
| | | Percent | | 1.0 | 1.4 | 6.8 | 27.0 | 3.5 | 42.7 | | 17.3 | 0.4 | 100.0 |
| | | Std. Error | | 0.4 | 0.5 | 1.1 | 2.0 | 0.8 | 2.2 | | 1.7 | 0.3 | |
| | | Number Caught | | 38 | 54 | 268 | 1,066 | 138 | 1,687 | | 683 | 15 | 3,950 |

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Table 18. (page 2 of 2)

| Fishery (Sampling Date | | | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1984 | 1983 | | 1982 | | 1981 | | 1980 | | 1979 | |
| | | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | 1.5 | Total |
| Ketchikan Creel 28 April - 28 September | Males | Sample Number | | | 2 | 10 | 34 | 4 | 22 | | 5 | | 77 |
| | | Percent | | | 1.3 | 6.4 | 21.8 | 2.6 | 14.1 | | 3.2 | | 49.4 |
| | | Std. Error | | | 1.3 | 2.8 | 4.7 | 1.8 | 4.0 | | 2.0 | | |
| | | Number Caught | | | 66 | 329 | 1,120 | 132 | 725 | | 165 | | 2,536 |
| | Females | Sample Number | | 3 | 2 | 11 | 10 | 5 | 40 | | 4 | | 75 |
| | | Percent | | 4.0 | 1.3 | 7.1 | 6.4 | 3.2 | 25.6 | | 2.6 | | 48.1 |
| | | Std. Error | | 2.3 | 1.3 | 3.0 | 2.8 | 2.0 | 5.0 | | 1.8 | | |
| | | Number Caught | | 99 | 66 | 362 | 329 | 165 | 1,317 | | 132 | | 2,470 |
| | Total | Sample Number | 2 | 33 | 28 | 124 | 233 | 47 | 269 | 3 | 59 | 3 | 801 |
| | | Percent | 0.2 | 4.1 | 3.5 | 15.5 | 29.1 | 5.9 | 33.6 | 0.4 | 7.4 | 0.4 | 100.0 |
| | | Std. Error | 0.2 | 0.7 | 0.6 | 1.3 | 1.6 | 0.8 | 1.7 | 0.2 | 0.9 | 0.2 | |
| | | Number Caught | 12 | 206 | 175 | 775 | 1,456 | 294 | 1,681 | 19 | 369 | 19 | 5,006 |
| Wrangell Creel 14 April-6 July | Males | Sample Number | | | | 1 | 6 | 5 | 11 | | 18 | | 41 |
| | | Percent | | | | 0.6 | 3.8 | 3.2 | 7.1 | | 11.5 | | 26.3 |
| | | Std. Error | | | | | 3.0 | 2.8 | 4.0 | | 5.0 | | |
| | | Number Caught | | | | 18 | 108 | 90 | 197 | | 323 | | 736 |
| | Females | Sample Number | | | | 4 | 1 | 4 | 22 | | 29 | | 60 |
| | | Percent | | | | 2.6 | 0.6 | 2.6 | 14.1 | | 18.6 | | 38.5 |
| | | Std. Error | | | | 2.0 | | 2.0 | 4.5 | | 5.0 | | |
| | | Number Caught | | | | 72 | 18 | 72 | 395 | | 520 | | 1,076 |
| | Total | Sample Number | | 1 | | 7 | 9 | 9 | 58 | | 65 | 3 | 152 |
| | | Percent | | 0.7 | | 4.6 | 5.9 | 5.9 | 38.2 | | 42.8 | 2.0 | 100.0 |
| | | Std. Error | | | | 1.7 | 1.9 | 1.9 | 3.9 | | 4.0 | 1.1 | |
| | | Number Caught | | 12 | | 83 | 107 | 107 | 691 | | 775 | 36 | 1,812 |
| Petersburg Creel 14 April - 29 June | Males | Sample Number | | | | 3 | 2 | 4 | 9 | | 13 | | 31 |
| | | Percent | | | | 1.9 | 1.3 | 2.6 | 5.8 | | 8.3 | | 19.9 |
| | | Std. Error | | | | 2.5 | 2.0 | 2.8 | 4.2 | | 5.0 | | |
| | | Number Caught | | | | 47 | 31 | 62 | 140 | | 202 | | 481 |
| | Females | Sample Number | | | | 2 | | 6 | 9 | | 20 | 1 | 38 |
| | | Percent | | | | 1.3 | | 3.8 | 5.8 | | 12.8 | 0.6 | 24.4 |
| | | Std. Error | | | | 1.8 | | 3.1 | 3.8 | | 5.4 | | |
| | | Number Caught | | | | 31 | | 93 | 140 | | 310 | 16 | 589 |
| | Total | Sample Number | | | | 17 | 2 | 20 | 30 | | 47 | 3 | 119 |
| | | Percent | | | | 14.3 | 1.7 | 16.8 | 25.2 | | 39.5 | 2.5 | 100.0 |
| | | Std. Error | | | | 3.2 | 1.2 | 3.4 | 4.0 | | 4.5 | 1.4 | |
| | | Number Caught | | | | 153 | 18 | 180 | 270 | | 423 | 27 | 1,070 |
| Sitka Creel 14 April - 29 June | Total | Sample Number | | | | 60 | 3 | 54 | 27 | | 26 | | 170 |
| | | Percent | | | | 38.5 | 1.9 | 34.6 | 17.3 | | 16.7 | | 109.0 |
| | | Std. Error | | | | 3.7 | 1.1 | 3.6 | 2.9 | | 2.9 | | |
| | | Number Caught | | | | 296 | 15 | 266 | 133 | | 128 | | 769 |

Table 19. Length (cm) at age (by sex) for chinook salmon from select Southeast Alaska sport fisheries, 1986.

| Fishery (Sampling Date | | | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1984 | 1983 | | 1982 | | 1981 | | 1980 | | 1979 | |
| | | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | 1.5 | Total |
| Haines Derby and Creel 14 April-13 July | Males | Avg. Length | | | | | 69.4 | 111.4 | 87.0 | | 99.7 | 104.5 | |
| | | Std. Error | | | | | | 3.0 | 2.9 | | 1.0 | 4.2 | |
| | | Sample Size | | | | | 1 | 2 | 15 | | 49 | 3 | 70 |
| | Females | Avg. Length | | | | 67.8 | | 85.8 | 81.0 | | 95.3 | 102.3 | |
| | | Std. Error | | | | | | | 1.7 | | 0.6 | 4.3 | |
| | | Sample Size | | | | 1 | | 1 | 12 | | 69 | 3 | 86 |
| | Total | Avg. Length | | | | 79.0 | 65.7 | 101.9 | 83.3 | | 96.5 | 101.8 | |
| | | Std. Error | | | | 11.3 | 2.1 | 6.2 | 1.0 | | 0.4 | 2.6 | |
| | | Sample Size | | | | 2 | 6 | 4 | 67 | | 228 | 10 | 317 |
| Juneau Derby 1-3 August | Males | Avg. Length | | | | 69.5 | | | 81.0 | | | | |
| | | Std. Error | | | | | | | | | | | |
| | | Sample Size | | | | 1 | | | 1 | | | | 2 |
| | Females | Avg. Length | | | | | 73.0 | | 83.5 | | 92.0 | | |
| | | Std. Error | | | | | 4.0 | | 1.2 | | 1.0 | | |
| | | Sample Size | | | | | 2 | | 8 | | 2 | | 12 |
| | Total | Avg. Length | | 67.3 | 46.0 | 77.1 | 71.4 | 88.4 | 80.7 | | 85.9 | | |
| | | Std. Error | | 6.0 | | 0.6 | 0.4 | 1.6 | 0.3 | | 1.5 | | |
| | | Sample Size | | 3 | 1 | 64 | 167 | 7 | 313 | | 23 | | 555 |
| Juneau Creel 14 April - 5 October | Males | Avg. Length | | 76.0 | 56.0 | 73.9 | 67.8 | 93.8 | 78.0 | | 101.3 | | |
| | | Std. Error | | | | 3.1 | 2.1 | 3.8 | 1.4 | | 2.9 | | |
| | | Sample Size | | 1 | 1 | 2 | 11 | 2 | 23 | | 3 | | 43 |
| | Females | Avg. Length | | | 48.0 | 74.2 | 69.2 | 83.8 | 79.0 | | 94.5 | | |
| | | Std. Error | | | | 2.2 | 1.6 | 2.5 | 1.1 | | 1.0 | | |
| | | Sample Size | | | 1 | 4 | 15 | 4 | 21 | | 17 | | 62 |
| | Total | Avg. Length | | 72.9 | 53.0 | 76.8 | 69.1 | 86.7 | 78.5 | | 93.2 | 102.5 | |
| | | Std. Error | | 1.5 | 4.1 | 1.1 | 0.5 | 1.7 | 0.4 | | 0.9 | 0.5 | |
| | | Sample Size | | 5 | 7 | 35 | 139 | 18 | 220 | | 89 | 2 | 515 |

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Table 19. (page 2 of 2.)

| Fishery (Sampling Date | | | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1984 | 1983 | | 1982 | | 1981 | | 1980 | | 1979 | |
| | | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 0.5 | 1.4 | 1.5 | Total |
| Ketchikan Creel 28 April - 28 Sept. | Males | Avg. Length | | | 53.5 | 82.5 | 73.4 | 101.6 | 88.0 | | 106.8 | | |
| | | Std. Error | | | 1.5 | 2.8 | 0.8 | 4.3 | 1.8 | | 4.7 | | |
| | | Sample Size | | | 2 | 10 | 34 | 4 | 22 | | 5 | | 77 |
| | Females | Avg. Length | | 54.8 | 46.0 | 83.1 | 70.7 | 100.3 | 86.1 | | 102.7 | | |
| | | Std. Error | | 6.1 | 0.5 | 2.1 | 2.0 | 1.7 | 1.2 | | 6.6 | | |
| | | Sample Size | | 3 | 2 | 11 | 10 | 5 | 40 | | 4 | | 75 |
| | Total | Avg. Length | 41.5 | 65.7 | 49.1 | 83.3 | 73.6 | 96.4 | 86.5 | 90.0 | 101.2 | 99.3 | |
| | | Std. Error | 4.5 | 1.5 | 1.4 | 0.8 | 0.3 | 1.3 | 0.5 | 2.1 | 1.0 | 1.8 | |
| | | Sample Size | 2 | 33 | 28 | 124 | 233 | 47 | 269 | 3 | 59 | 3 | 801 |
| Wrangell Creel 14 April-6 July | Males | Avg. Length | | | | 91.0 | 74.0 | 105.4 | 87.1 | | 97.7 | | |
| | | Std. Error | | | | | 1.5 | 3.0 | 2.0 | | 2.5 | | |
| | | Sample Size | | | | 1 | 6 | 5 | 11 | | 10 | | 33 |
| | Females | Avg. Length | | | | 91.8 | 76.0 | 91.5 | 87.2 | | 94.8 | | |
| | | Std. Error | | | | 4.1 | | 4.9 | 1.4 | | 1.3 | | |
| | | Sample Size | | | | 4 | 1 | 4 | 22 | | 29 | | 60 |
| | Total | Avg. Length | | 76.5 | | 90.0 | 73.3 | 99.2 | 86.8 | | 94.8 | 107.0 | |
| | | Std. Error | | | | 3.7 | 1.2 | 3.5 | 1.0 | | 1.2 | 6.7 | |
| | | Sample Size | | 1 | | 7 | 9 | 9 | 58 | | 65 | 3 | 152 |
| Petersburg Creel 14 April - 29 June | Males | Avg. Length | | | | 81.0 | 74.3 | 99.1 | 88.9 | | 95.4 | | |
| | | Std. Error | | | | 3.1 | 7.3 | 3.9 | 2.0 | | 2.1 | | |
| | | Sample Size | | | | 3 | 2 | 4 | 9 | | 13 | | 31 |
| | Females | Avg. Length | | | | 80.0 | | 89.8 | 87.9 | | 94.5 | 105.0 | |
| | | Std. Error | | | | 5.0 | | 2.3 | 1.5 | | 1.4 | | |
| | | Sample Size | | | | 2 | | 6 | 9 | | 20 | 1 | 38 |
| | Total | Avg. Length | | | | 77.2 | 74.3 | 93.1 | 86.8 | | 94.5 | | |
| | | Std. Error | | | | 1.3 | 7.3 | 1.7 | 1.1 | | 1.0 | | |
| | | Sample Size | | | | 17 | 2 | 20 | 30 | | 47 | | 116 |
| Sitka Creel 14 April - 29 June | Total | Avg. Length | | | | 79.5 | 72.2 | 98.3 | 84.2 | | 95.2 | | |
| | | Std. Error | | | | 1.0 | 1.2 | 1.1 | 1.4 | | 1.9 | | |
| | | Sample Size | | | | 60 | 3 | 54 | 27 | | 26 | | 170 |

Table 20. Peak escapement estimates and weir counts for chinook salmon in Southeast Alaska and transboundary rivers, 1986.

| Stream Name | Stream Number | Large | Small | Total | Method[d] | Date | Organization |
|---|---|---|---|---|---|---|---|
| Keta River | 101-30-030 | 690 | | 690 | (H) | 8/21 | ADF&G[a] |
| Ketchikan Creek | 101-47-025 | 136 | | 136 | (F) | 8/27 | ADF&G |
| Blossom River | 101-55-040 | 1,278 | | 1,278 | (H) | 8/21 | ADF&G |
| Chickamin River: | | | | | | | |
| South Fork | 101-71-004 | 562 | | 562 | (H) | 8/21 | ADF&G |
| Barrier Creek | 101-71-004 | 168 | | 168 | (H) | 8/21 | ADF&G |
| Indian Creek | 101-71-004 | 120 | | 120 | (H) | 8/21 | ADF&G |
| Butler Creek | 101-71-004 | 203 | | 203 | (H) | 8/21 | ADF&G |
| Leduc Creek | 101-71-004 | 20 | | 20 | (H) | 8/14 | ADF&G |
| Clear Falls | 101-71-004 | 40 | | 40 | (H) | 8/14 | ADF&G |
| King Creek | 101-71-014 | 564 | | 564 | (H) | 8/21 | ADF&G |
| Unuk River: | | | | | | | |
| Eulachon River | 101-75-015 | 486 | | 486 | (H) | 8/14 | ADF&G |
| Clear Creek | 101-75-017 | 183 | | 183 | (H) | 8/14 | ADF&G |
| Lake Creek | 101-75-030 | 25 | | 25 | (H) | 8/14 | ADF&G |
| Gene Lake Creek | 101-75-030 | 838 | 95 | 933 | (F) | 8/14 | ADF&G |
| Cripple Creek | 101-75-030 | 532 | | 532 | (H) | 8/14 | ADF&G |
| Kerr Creek | 101-75-030 | 62 | | 62 | (H) | 8/14 | ADF&G |
| Wolverine Creek | 101-80-068 | 4 | | 4 | (F) | 9/29 | ADF&G |
| Crystal Creek | 106-44-031 | 1,892 | 806 | 2,698 | (W) | | ADF&G |
| Aaron Creek | 107-40-024 | 178 | | 178 | (A) | 8/20 | ADF&G |
| Harding River | 107-40-049 | 240 | | 240 | (B) | 8/27 | ADF&G |
| Bradfield River: | | | | | | | |
| North Fork | 107-40-052 | 104 | | 104 | (A) | 8/21 | ADF&G |
| East fork | 107-40-053 | 215 | | 215 | (A) | 8/21 | ADF&G |
| Stikine River: | | | | | | | |
| North Arm Creek | 108-40-010 | 73 | | 73 | (F) | 8/14 | ADF&G |
| Kikahe River | 108-40-016 | 26 | | 26 | (A) | 8/21 | ADF&G |
| Goat Creek | 108-40-017 | 7 | | 7 | (A) | 8/8 | ADF&G |
| Andrews Creek | 108-40-020 | 707 | 200 | 907 | (F) | 8/14 | ADF&G |
| W. of Hot Springs | 108-40-13A | 48 | | 48 | (A) | 8/21 | ADF&G |
| Mount Gallatin Ck. | 108-40-14E | 2 | | 2 | (F) | 9/10 | ADF&G |
| Tahltan River | 108-80-100 | 1,400 | | 1,400 | (H) | 8/5 | ADF&G |
| Beatty River | 108-80-115 | 183 | | 183 | (H) | 8/1 | ADF&G |
| Little Tahltan R. | 108-80-120 | 2,893 | 536 | 3,429 | (W) | | CDFO[b] |
| Sashin Creek | 109-10-120 | 1,710 | 1,928 | 3,638 | (W) | | NMFS[c] |
| Chuck River | 110-32-009 | 53 | | 53 | (A) | 7/30 | ADF&G |
| King Salmon River | 111-17-010 | 281 | 74 | 355 | (W) | | ADF&G |
| Taku River: | | | | | | | |
| Nakina River | 111-32-220 | 3,868 | | 3,868 | (H) | 8/3 | ADF&G |
| Kowatua Creek | 111-32-240 | 548 | | 548 | (H) | 8/24 | ADF&G |
| Tatsamenie River | 111-32-255 | 886 | | 886 | (H) | 8/24 | ADF&G |
| Hackett River | 111-32-260 | | | 643 | (W) | 8/31 | ADF&G |
| Nahlin River | 111-32-270 | 1,612 | | 1,612 | (H) | 7/24 | ADF&G |
| Tseta Creek | 111-32-275 | 193 | | 193 | (H) | 7/31 | ADF&G |
| Dudidontu River | 111-32-280 | 413 | | 413 | (H) | 7/31 | ADF&G |
| Crescent Lake | 111-35-007 | 4 | | 4 | (W) | | ADF&G |
| Snettisham | 111-33- | 161 | 20 | 181 | (W) | | ADF&G |
| Redoubt Lake Outlet | 113-41-043 | 1 | | 1 | (W) | | ADF&G |
| Chilkat River: | | | | | | | |
| Big Boulder Creek | 115-32-054 | 20 | | 20 | (H,F) | 8/20 | ADF&G |
| Stonehouse Creek | 115-32-301 | 9 | | 9 | (H,F) | 8/3 | ADF&G |
| Alsek River: | | | | | | | |
| East Aksek River | 182-20-010 | 300 | | 300 | (A) | 6/13 | ADF&G |
| Kluckshu River | 182-30-020 | 2,708 | | 2,708 | (W) | | ADF&G |
| Takhnanni River | 182-30-043 | 358 | | 358 | (H) | 8/3 | ADF&G |
| Goat Creek | 182-30-045 | 142 | | 142 | (H) | 8/2 | ADF&G |
| Blanchard River | 182-30-050 | 556 | | 556 | (H) | 8/2 | ADF&G |
| Situk River | 182-70-010 | 2,067 | 505 | 2,572 | (W) | | ADF&G |

[a] ADF&G- Alaska Department of Fish and Game.
[b] CDFO- Canadian Department of Fisheries and Oceans.
[c] NMFS- National Marine Fisheries Service, Auke Bay Lab.
[d] Abbreviations for types of surveys are: (A) aerial (fixed wing), (B) boat, (F) foot, (H) helicopter and (W) weir.

Table 21. Estimated total escapement of large (-age .3 or older) chinook salmon to Southeast Alaska and transboundary river natural runs, 1986.

| System(Index Tributaries) | Index Escapement | Aerial Survey Expansion Factor | Tributary Expansion Factor | System Total Escapement | Category Expansion Factor | Total Escapment |
|---|---|---|---|---|---|---|
| | | Major Category (Transboundary) Systems (3 total) | | | | |
| Alsek(Klukshu) | 2,607 | 1 | 1/.64 | 4,073[a] | | |
| Taku(Nakina and Nahlin) | 5,480 | 1/.75 | 1/.60 | 12,178 | | |
| Stikine(Little Tahltan) | 2,893 | 1 | 1/.25 | 11,572 | | |
| Major Systems Subtotals | 10,980 | | | 27,823 | 1 | 27,823 |
| | | Medium Category Systems (9 total) | | | | |
| Situk | 2,067 | 1 | 1 | 2,067 | | |
| Chilkat(Big Boulder) | 29 | 1/.80 | 1/.28 | 129 | | |
| Andrew Creek | 707 | 1/.625 | 1 | 1,131 | | |
| Behm Canal Systems | | | | | | |
| Unuk | 2,126 | 1/.625 | 1 | 3,402 | | |
| Chickamin | 1,677 | 1/.625 | 1 | 2,683 | | |
| Blossom | 1,278 | 1/.625 | 1 | 2,045 | | |
| Keta | 690 | 1/.625 | 1 | 1,104 | | |
| Medium Subtotals | 8,574 | | | 12,561 | 9/7 | 16,150 |
| | | Minor Category Systems (22 total) | | | | |
| King Salmon R. | 196 | 1/.80 | 1 | 245 | | |
| Minor Subtotals | 196 | | | 245 | 22/1 | 5,390 |
| All Systems Total | 19,750 | | | 40,629 | | 49,363 |

[a] Klukshu escapement index equals weir count minus Indian food fish harvest of 102 fish.

Table 22. Age composition of chinook salmon from escapements to Southeast Alaska and transboundary rivers, 1986.

| System (Stream Number) | | | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1983 | | 1982 | | 1981 | | 1980 | | 1979 | |
| | | | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | 2.3 | 1.5 | Total |
| Wild Runs | | | | | | | | | | | | |
| Butler Creek (Chickamin River) 101-71-004 | Males | N | | 17 | | 5 | | 10 | 2 | | | 34 |
| | | % | | 24.6 | | 7.2 | | 14.5 | 2.9 | | | 49.3 |
| | Females | N | | | | | | 29 | 6 | | | 35 |
| | | % | | | | | | 42.0 | 8.7 | | | 50.7 |
| | Total | N | | 17 | | 5 | | 39 | 8 | | | 69 |
| | | % | | 24.6 | | 7.2 | | 56.5 | 11.6 | | | 100.0 |
| Barrier Creek (Chickamin River) 101-71-004 | Males | N | | 1 | | 8 | | 10 | 5 | | | 24 |
| | | % | | 2.9 | | 22.9 | | 28.6 | 14.3 | | | 68.6 |
| | Females | N | | | | | | 7 | 4 | | | 11 |
| | | % | | | | | | 20.0 | 11.4 | | | 31.4 |
| | Total | N | | 1 | | 8 | | 17 | 9 | | | 35 |
| | | % | | 2.9 | | 22.9 | | 48.6 | 25.7 | | | 100.0 |
| Eulachon River 101-75-015 | Males | N | | 16 | | 23 | | 33 | 13 | | 1 | 86 |
| | | % | | 9.0 | | 12.9 | | 18.5 | 7.3 | | 0.6 | 48.3 |
| | Females | N | | | | | | 51 | 41 | | | 92 |
| | | % | | | | | | 28.7 | 23.0 | | | 51.7 |
| | Total | N | | 16 | | 23 | | 84 | 54 | | 1 | 178 |
| | | % | | 9.0 | | 12.9 | | 47.2 | 30.3 | | 0.6 | 100.0 |
| Clear Creek Unuk River 101-75-017 | Males | N | | 24 | | 23 | | 10 | 10 | | | 67 |
| | | % | | 19.5 | | 18.7 | | 8.1 | 8.1 | | | 54.5 |
| | Females | N | | | | | | 27 | 28 | | 1 | 56 |
| | | % | | | | | | 22.0 | 22.8 | | 0.8 | 45.5 |
| | Total | N | | 24 | | 23 | | 37 | 38 | | 1 | 123 |
| | | % | | 19.5 | | 18.7 | | 30.1 | 30.9 | | 0.8 | 100.0 |
| Cripple Creek 101-75-300 | Males | N | | 184 | | 244 | | 80 | 27 | | 1 | 536 |
| | | % | | 24.3 | | 32.2 | | 10.6 | 3.6 | | 0.1 | 70.7 |
| | Females | N | | | | | | 89 | 131 | | 2 | 222 |
| | | % | | | | | | 11.7 | 17.3 | | 0.3 | 29.3 |
| | Total | N | | 184 | | 244 | | 169 | 158 | | 3 | 758 |
| | | % | | 24.3 | | 32.2 | | 22.3 | 20.8 | | 0.4 | 100.0 |
| Genes Lake Creek 101-75- | Males | N | | 38 | | 32 | | 16 | 5 | | | 91 |
| | | % | | 25.9 | | 21.8 | | 10.9 | 3.4 | | | 61.9 |
| | Females | N | | | | 1 | | 27 | 27 | | 1 | 56 |
| | | % | | | | 0.7 | | 18.4 | 18.4 | | 0.7 | 38.1 |
| | Total | N | | 38 | | 33 | | 43 | 32 | | 1 | 147 |
| | | % | | 25.9 | | 22.4 | | 29.3 | 21.8 | | 0.7 | 100.0 |

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Table 22. (page 2 of 4)

| System (Stream Number) | | | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1983 | | 1982 | | 1981 | | 1980 | | 1979 | |
| | | | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | 2.3 | 1.5 | Total |
| **Wild Runs** | | | | | | | | | | | | |
| Harding River 107-40-049 | Males | N | 1 | | | 7 | | 7 | 1 | | | 16 |
| | | % | 4.0 | | | 28.0 | | 28.0 | 4.0 | | | 64.0 |
| | Females | N | | | 1 | | | 5 | 3 | | | 9 |
| | | % | | | 4.0 | | | 20.0 | 12.0 | | | 36.0 |
| | Total | N | 1 | | 1 | 7 | | 12 | 4 | | | 25 |
| | | % | 4.0 | | 4.0 | 28.0 | | 48.0 | 16.0 | | | 100.0 |
| Little Tahltan R. Live weir samples 108-80-120 | Males | N | | | | 1 | | 36 | 69 | 1 | | 107 |
| | | % | | | | 0.3 | | 12.5 | 24.0 | 0.3 | | 37.3 |
| | Females | N | | | 1 | | 3 | 56 | 114 | 1 | 5 | 180 |
| | | % | | | 0.3 | | 1.0 | 19.5 | 39.7 | 0.3 | 1.7 | 62.7 |
| | Total | N | | | 1 | 1 | 3 | 92 | 183 | 2 | 5 | 287 |
| | | % | | | 0.3 | 0.3 | 1.0 | 32.1 | 63.8 | 0.7 | 1.7 | 100.0 |
| Little Tahltan R. Carcass samples 108-80-120 | Males | N | | | | 2 | | 6 | 12 | | | 20 |
| | | % | | | | 4.4 | | 13.3 | 26.7 | | | 44.4 |
| | Females | N | | | | | | 5 | 20 | | | 25 |
| | | % | | | | | | 11.1 | 44.4 | | | 55.6 |
| | Total | N | | | | 2 | | 11 | 32 | | | 45 |
| | | % | | | | 4.4 | | 24.4 | 71.1 | | | 100.0 |
| Little Tahltan R. Jack samples 108-80-120 | Males | N | | 4 | | 24 | | | | | | 28 |
| | | % | | 14.3 | | 85.7 | | | | | | 100.0 |
| | Females | N | | | | | | | | | | 0 |
| | | % | | | | | | | | | | 0.0 |
| | Total | N | | 4 | | 24 | | | | | | 28 |
| | | % | | 14.3 | | 85.7 | | | | | | 100.0 |
| Little Tahltan R. Live, carcass & jacks 108-80-120 | Males | N | | 4 | | 27 | | 42 | 81 | 1 | | 155 |
| | | % | | 1.1 | | 7.5 | | 11.7 | 22.5 | 0.3 | | 43.1 |
| | Females | N | | | 1 | | 3 | 61 | 134 | 1 | 5 | 205 |
| | | % | | | 0.3 | | 0.8 | 16.9 | 37.2 | 0.3 | 1.4 | 56.9 |
| | Total | N | | 4 | 1 | 27 | 3 | 103 | 215 | 2 | 5 | 360 |
| | | % | | 1.1 | 0.3 | 7.5 | 0.8 | 28.6 | 59.7 | 0.6 | 1.4 | 100.0 |

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Table 22. (page 3 of 4)

| System (Stream Number) | | | Brood Year and Age Class 1983 0.2 | 1983 1.1 | 1982 0.3 | 1982 1.2 | 1981 0.4 | 1981 1.3 | 1980 1.4 | 1980 2.3 | 1979 1.5 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Wild Runs | | | | | | | | | | | | |
| King Salmon R. | Males | N | | | | 10 | | 9 | 6 | | | 25 |
| 111-17-010 | | % | | | | 20.8 | | 18.8 | 12.5 | | | 52.1 |
| | Females | N | | | | | | 4 | 19 | | | 23 |
| | | % | | | | | | 8.3 | 39.6 | | | 47.9 |
| | Total | N | | | | 10 | | 13 | 25 | | | 48 |
| | | % | | | | 20.8 | | 27.1 | 52.1 | | | 100.0 |
| Taku River | Males | N | | 84 | | 133 | | 43 | 28 | | | 288 |
| (Canyon Island) | | % | | 22.2 | | 35.1 | | 11.3 | 7.4 | | | 76.0 |
| 111-32-032 | Females | N | | | | 21 | | 39 | 30 | | 1 | 91 |
| | | % | | | | 5.5 | | 10.3 | 7.9 | | 0.3 | 24.0 |
| | Total | N | | 84 | | 154 | | 82 | 58 | | 1 | 379 |
| | | % | | 22.2 | | 40.6 | | 21.6 | 15.3 | | 0.3 | 100.0 |
| Nakina River | Males | N | | 305 | | 835 | | 230 | 195 | | 2 | 1,567 |
| Carcass Weir | | % | | 15.3 | | 41.8 | | 11.5 | 9.8 | | 0.1 | 78.4 |
| 111-32-220 | Females | N | | | | | | 87 | 339 | | 6 | 432 |
| | | % | | | | | | 4.4 | 17.0 | | 0.3 | 21.6 |
| | Total | N | | 305 | | 835 | | 317 | 535 | | 8 | 2,000 |
| | | % | | 15.3 | | 41.8 | | 15.9 | 26.8 | | 0.4 | 100.0 |
| Hackett River | Males | N | | 9 | | 18 | | 9 | 17 | | | 53 |
| 111-32-260 | | % | | 13.2 | | 26.5 | | 13.2 | 25.0 | | | 77.9 |
| | Females | N | | | | 1 | | 4 | 10 | | | 15 |
| | | % | | | | 1.5 | | 5.9 | 14.7 | | | 22.1 |
| | Total | N | | 9 | | 19 | | 13 | 27 | | | 68 |
| | | % | | 13.2 | | 27.9 | | 19.1 | 39.7 | | | 100.0 |
| Nahlin River | Males | N | | | | | | 3 | 1 | | | 4 |
| 111-32-270 | | % | | | | | | 42.9 | 14.3 | | | 57.1 |
| | Females | N | | | | | | 1 | 2 | | | 3 |
| | | % | | | | | | 14.3 | 28.6 | | | 42.9 |
| | Total | N | | | | | | 4 | 3 | | | 7 |
| | | % | | | | | | 57.1 | 42.9 | | | 100.0 |
| Tahini River | Males | N | | 1 | | 10 | | 6 | 13 | | | 30 |
| 115-32-068 | | % | | 2.6 | | 25.6 | | 15.4 | 33.3 | | | 76.9 |
| | Females | N | | | | | | 2 | 7 | | | 9 |
| | | % | | | | | | 5.1 | 17.9 | | | 23.1 |
| | Total | N | | 1 | | 10 | | 8 | 20 | | | 39 |
| | | % | | 2.6 | | 25.6 | | 20.5 | 51.3 | | | 100.0 |
| | Number Males | | 1 | 687 | | 1,402 | | 550 | 485 | 2 | 4 | 3,131 |
| | Percent | | <0.1 | 14.9 | | 30.5 | | 12.0 | 10.6 | <0.1 | 0.1 | 68.1 |
| | Number Females | | | | 3 | 23 | 6 | 494 | 915 | 2 | 21 | 1,464 |
| | Percent | | | | 0.1 | 0.5 | 0.1 | 10.7 | 19.9 | <0.1 | 0.5 | 31.9 |
| Wild Runs | Total Number | | 1 | 687 | 3 | 1,425 | 6 | 1,044 | 1,401 | 4 | 25 | 4,596 |
| | Total Percent | | <0.1 | 14.9 | 0.1 | 31.0 | 0.1 | 22.7 | 30.5 | 0.1 | 0.5 | 100.0 |

-Continued-

Table 22. (page 4 of 4)

| System (Stream Number) | | | Brood Year and Age Class 1983 1.1 | 1982 0.3 | 1982 1.2 | 1981 0.4 | 1981 1.3 | 1980 1.4 | 1979 1.5 | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| Hatchery Runs | | | | | | | | | | |
| Ketchikan Creek 101-47-025 Deer Mountain Hatchery | Males | N | | | 18 | | 81 | 3 | | 102 |
| | | % | | | 8.6 | | 38.6 | 1.4 | | 48.6 |
| | Females | N | | | 5 | 1 | 90 | 12 | | 108 |
| | | % | | | 2.4 | 0.5 | 42.9 | 5.7 | | 51.4 |
| | Total | N | | | 23 | 1 | 171 | 15 | | 210 |
| | | % | | | 11.0 | 0.5 | 81.4 | 7.1 | | 100.0 |
| Crystal Creek 106-44-031 | Males | N | 2 | | 18 | 1 | 21 | 3 | | 45 |
| | | % | 2.7 | | 24.7 | 1.4 | 28.8 | 4.1 | | 61.6 |
| | Females | N | | 2 | 1 | 5 | 13 | 7 | | 28 |
| | | % | | 2.7 | 1.4 | 6.8 | 17.8 | 9.6 | | 38.4 |
| | Total | N | 2 | 2 | 19 | 6 | 34 | 10 | | 73 |
| | | % | 2.7 | 2.7 | 26.0 | 8.2 | 46.6 | 13.7 | | 100.0 |
| Snettisham Hatchery 111-33- | Males | N | 1 | | 16 | | 120 | 1 | | 138 |
| | | % | 0.6 | | 9.4 | | 70.6 | 0.6 | | 81.2 |
| | Females | N | | | 2 | | 26 | 3 | 1 | 32 |
| | | % | | | 1.2 | | 15.3 | 1.8 | 0.6 | 18.8 |
| | Total | N | 1 | | 18 | | 146 | 4 | 1 | 170 |
| | | % | 0.6 | | 10.6 | | 85.9 | 2.4 | 0.6 | 100.0 |
| | Number Males | | 3 | | 52 | 1 | 222 | 7 | | 285 |
| | Percent | | 0.7 | | 11.5 | 0.2 | 49.0 | 1.5 | | 62.9 |
| | Number Females | | | 2 | 8 | 6 | 129 | 22 | 1 | 168 |
| | Percent | | | 0.4 | 1.8 | 1.3 | 28.5 | 4.9 | 0.2 | 37.1 |
| Hatchery Runs | Total Number | | 3 | 2 | 60 | 7 | 351 | 29 | 1 | 453 |
| | Total Percent | | 0.7 | 0.4 | 13.2 | 1.5 | 77.5 | 6.4 | 0.2 | 100.0 |

Table 23. Mean length at age (by sex) for chinook salmon from escapements to Southeast Alaska and transboundary rivers, 1986.

| System (Stream Number) | | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1983 | | 1982 | | 1981 | 1981 | 1980 | 1980 | 1979 |
| | | | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | 2.3 | 1.5 |
| **Wild Runs** | | | | | | | | | | | |
| Butler Creek (Chickamin River) 101-71-004 | Males | Ave. | | 375.6 | | 606.0 | | 784.5 | 902.5 | | |
| | | S.E. | | 7.08 | | 12.98 | | 25.80 | 47.50 | | |
| | | N | | 17 | | 5 | | 10 | 2 | | |
| | Females | Ave. | | | | | | 829.5 | 902.5 | | |
| | | S.E. | | | | | | 10.27 | 14.07 | | |
| | | N | | | | | | 29 | 6 | | |
| | Total | Ave. | | 375.6 | | 606.0 | | 817.9 | 902.5 | | |
| | | S.E. | | 7.08 | | 12.98 | | 10.41 | 13.66 | | |
| | | N | | 17 | | 5 | | 39 | 8 | | |
| Barrier Creek (Chickamin River) 101-71-004 | Males | Ave. | | 430.0 | | 552.5 | | 734.5 | 990.0 | | |
| | | S.E. | | | | 22.85 | | 38.16 | 29.96 | | |
| | | N | | 1 | | 8 | | 10 | 5 | | |
| | Females | Ave. | | | | | | 880.0 | 943.8 | | |
| | | S.E. | | | | | | 23.02 | 31.45 | | |
| | | N | | | | | | 7 | 4 | | |
| | Total | Ave. | | 430.0 | | 552.5 | | 794.4 | 969.4 | | |
| | | S.E. | | | | 22.85 | | 29.73 | 21.91 | | |
| | | N | | 1 | | 8 | | 17 | 9 | | |
| Eulachon River 101-75-015 | Males | Ave. | | 398.8 | | 615.4 | | 780.5 | 973.5 | | 1070.0 |
| | | S.E. | | 14.79 | | 11.15 | | 13.67 | 23.02 | | |
| | | N | | 16 | | 23 | | 33 | 13 | | 1 |
| | Females | Ave. | | | | | | 842.5 | 934.8 | | |
| | | S.E. | | | | | | 5.20 | 8.00 | | |
| | | N | | | | | | 51 | 41 | | |
| | Total | Ave. | | 398.8 | | 615.4 | | 818.1 | 944.1 | | 1070.0 |
| | | S.E. | | 14.79 | | 11.15 | | 7.02 | 8.41 | | |
| | | N | | 16 | | 23 | | 84 | 54 | | 1 |
| Cripple Creek 101-75-300 | Males | Ave. | | 351.6 | | 569.7 | | 781.1 | 984.6 | | 945.0 |
| | | S.E. | | 2.33 | | 3.70 | | 9.79 | 11.24 | | |
| | | N | | 184 | | 244 | | 80 | 27 | | 1 |
| | Females | Ave. | | | | | | 834.2 | 911.9 | | 925.0 |
| | | S.E. | | | | | | 4.06 | 4.67 | | 25.00 |
| | | N | | | | | | 88 | 131 | | 2 |
| | Total | Ave. | | 351.6 | | 569.7 | | 808.9 | 924.4 | | 931.7 |
| | | S.E. | | 2.33 | | 3.70 | | 5.51 | 4.83 | | 15.90 |
| | | N | | 184 | | 244 | | 168 | 158 | | 3 |
| Genes Lake Creek 101-75- | Males | Ave. | | 363.6 | | 585.0 | | 723.8 | 938.0 | | |
| | | S.E. | | 4.95 | | 11.74 | | 17.10 | 44.43 | | |
| | | N | | 38 | | 32 | | 16 | 5 | | |
| | Females | Ave. | | | | 795.0 | | 815.2 | 903.3 | | 1010.0 |
| | | S.E. | | | | | | 9.13 | 10.47 | | |
| | | N | | | | 1 | | 27 | 27 | | 1 |
| | Total | Ave. | | 363.6 | | 591.4 | | 781.2 | 908.8 | | 1010.0 |
| | | S.E. | | 4.95 | | 13.03 | | 10.85 | 11.07 | | |
| | | N | | 38 | | 33 | | 43 | 32 | | 1 |
| Clear Creek 101-75-017 | Males | Ave. | | 371.7 | | 577.2 | | 810.5 | 951.0 | | |
| | | S.E. | | 7.98 | | 15.06 | | 13.63 | 25.83 | | |
| | | N | | 24 | | 23 | | 10 | 10 | | |
| | Females | Ave. | | | | | | 850.7 | 925.0 | | 980.0 |
| | | S.E. | | | | | | 9.26 | 9.41 | | |
| | | N | | | | | | 27 | 28 | | 1 |
| | Total | Ave. | | 371.7 | | 577.2 | | 839.9 | 931.8 | | 980.0 |
| | | S.E. | | 7.98 | | 15.06 | | 8.16 | 9.69 | | |
| | | N | | 24 | | 23 | | 37 | 38 | | 1 |

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Table 23. (page 2 of 4)

| System (Stream Number) | | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1983 | | 1982 | | 1981 | 1981 | 1980 | 1980 | 1979 |
| | | | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | 2.3 | 1.5 |
| Harding River 107-40-049 | Males | Ave. | 660.0 | | | 702.9 | | 851.4 | 1030.0 | | |
| | | S.E. | | | | 37.86 | | 42.28 | | | |
| | | N | 1 | | | 7 | | 7 | 1 | | |
| | Females | Ave. | | | 965.0 | | | 875.0 | 951.7 | | |
| | | S.E. | | | | | | 12.75 | 27.28 | | |
| | | N | | | 1 | | | 5 | 3 | | |
| | Total | Ave. | 660.0 | | 965.0 | 702.9 | | 861.3 | 971.3 | | |
| | | S.E. | | | | 37.86 | | 24.61 | 27.49 | | |
| | | N | 1 | | 1 | 7 | | 12 | 4 | | |
| Little Tahltan River Live weir samples 108-80-120 | Males | Ave. | | | | 525.0 | | 681.9 | 793.7 | 800.0 | |
| | | S.E. | | | | | | 10.70 | 7.00 | | |
| | | N | | | | 1 | | 36 | 69 | 1 | |
| | Females | Ave. | | | 690.0 | | 754.7 | 700.4 | 756.7 | 732.0 | 825.6 |
| | | S.E. | | | | | 37.70 | 5.60 | 4.10 | | 37.90 |
| | | N | | | 1 | | 3 | 56 | 114 | 1 | 5 |
| | Total | Ave. | | | 690.0 | 525.0 | 754.7 | 693.2 | 770.7 | 766.0 | 825.6 |
| | | S.E. | | | | | 37.70 | 5.40 | 3.90 | 34.00 | 37.90 |
| | | N | | | 1 | 1 | 3 | 92 | 183 | 2 | 5 |
| Little Tahltan River Carcass samples 108-80-120 | Males | Ave. | | | | 469.0 | | 580.7 | 778.0 | | |
| | | S.E. | | | | 14.00 | | 34.00 | 13.50 | | |
| | | N | | | | 2 | | 6 | 12 | | |
| | Females | Ave. | | | | | | 664.0 | 751.0 | | |
| | | S.E. | | | | | | 18.70 | 10.80 | | |
| | | N | | | | | | 5 | 20 | | |
| | Total | Ave. | | | | 469.0 | | 618.5 | 761.2 | | |
| | | S.E. | | | | 14.00 | | 23.50 | 8.60 | | |
| | | N | | | | 2 | | 11 | 32 | | |
| Little Tahltan River Jack samples 108-80-120 | Males | Ave. | | 308.5 | | 411.0 | | | | | |
| | | S.E. | | 15.90 | | 13.80 | | | | | |
| | | N | | 4 | | 24 | | | | | |
| | Females | Ave. | | | | | | | | | |
| | | S.E. | | | | | | | | | |
| | | N | | | | | | | | | |
| | Total | Ave. | | 308.5 | | 411.0 | | | | | |
| | | S.E. | | 15.90 | | 13.80 | | | | | |
| | | N | | 4 | | 24 | | | | | |
| Little Tahltan River Total: live, carcass, and jacks 108-80-120 | Males | Ave. | | 308.5 | | 419.6 | | 667.5 | 791.4 | 800.0 | |
| | | S.E. | | 15.86 | | 13.27 | | 11.59 | 6.30 | | |
| | | N | | 4 | | 27 | | 42 | 81 | 1 | |
| | Females | Ave. | | | 690.0 | | 754.7 | 697.5 | 755.9 | 732.0 | 825.6 |
| | | S.E. | | | | | 37.71 | 5.45 | 3.80 | | 37.94 |
| | | N | | | 1 | | 3 | 61 | 134 | 1 | 5 |
| | Total | Ave. | | 308.5 | 690.0 | 419.6 | 754.7 | 685.2 | 769.3 | 766.0 | 825.6 |
| | | S.E. | | 15.86 | | 13.27 | 37.71 | 5.87 | 3.54 | 34.00 | 37.94 |
| | | N | | 4 | 1 | 27 | 3 | 103 | 215 | 2 | 5 |
| King Salmon River 111-17-010 | Males | Ave. | | | | 578.6 | | 692.7 | 853.2 | | |
| | | S.E. | | | | 13.57 | | 38.71 | 15.01 | | |
| | | N | | | | 10 | | 9 | 6 | | |
| | Females | Ave. | | | | | | 840.5 | 882.0 | | |
| | | S.E. | | | | | | 13.23 | 9.05 | | |
| | | N | | | | | | 4 | 19 | | |
| | Total | Ave. | | | | 578.6 | | 738.2 | 875.1 | | |
| | | S.E. | | | | 13.57 | | 33.06 | 8.02 | | |
| | | N | | | | 10 | | 13 | 25 | | |

-Continued-

Table 23. (page 3 of 4)

| System (Stream Number) | | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1983 | | 1982 | | 1981 | 1981 | 1980 | 1980 | 1979 |
| | | | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | 2.3 | 1.5 |
| Nahlin River 111-32-270 | Males | Ave. | | | | | | 713.3 | 984.0 | | |
| | | S.E. | | | | | | 64.69 | | | |
| | | N | | | | | | 3 | 1 | | |
| | Females | Ave. | | | | | | 816.0 | 838.5 | | |
| | | S.E. | | | | | | | 25.50 | | |
| | | N | | | | | | 1 | 2 | | |
| | Total | Ave. | | | | | | 739.0 | 887.0 | | |
| | | S.E. | | | | | | 52.45 | 50.69 | | |
| | | N | | | | | | 4 | 3 | | |
| Taku River (Canyon Is.) 111-32-032 | Males | Ave. | | 365.3 | | 506.4 | | 780.7 | 839.3 | | |
| | | S.E. | | 4.61 | | 5.75 | | 12.10 | 27.84 | | |
| | | N | | 83 | | 133 | | 43 | 28 | | |
| | Females | Ave. | | 410.0 | | 548.3 | | 765.4 | 847.5 | | 815.0 |
| | | S.E. | | | | 12.17 | | 9.20 | 8.63 | | |
| | | N | | 1 | | 21 | | 39 | 28 | | 1 |
| | Total | Ave. | | 365.8 | | 512.1 | | 773.4 | 843.4 | | 815.0 |
| | | S.E. | | 4.58 | | 5.35 | | 7.71 | 14.45 | | |
| | | N | | 84 | | 154 | | 82 | 56 | | 1 |
| Nakina River 111-32-220 | Males | Ave. | | 322.1 | | 489.8 | | 716.8 | 852.1 | | 854.4 |
| | | S.E. | | 33.00 | | 73.40 | | 89.10 | 107.20 | | 85.20 |
| | | N | | 305 | | 835 | | 230 | 195 | | 2 |
| | Females | Ave. | | | | | | 769.4 | 837.1 | | 833.8 |
| | | S.E. | | | | | | 38.90 | 48.30 | | 59.50 |
| | | N | | | | | | 87 | 339 | | 6 |
| | Total | Ave. | | 322.1 | | 489.8 | | 731.2 | 842.6 | | 839.6 |
| | | S.E. | | | | | | 78.50 | 75.30 | | 60.40 |
| | | N | | 305 | | 835 | | 317 | 535 | | 8 |
| Hackett River 111-32-260 | Males | Ave. | | 339.8 | | 444.7 | | 624.4 | 801.8[a] | | |
| | | S.E. | | 14.58 | | 14.54 | | 24.13 | 9.24 | | |
| | | N | | 9 | | 18 | | 9 | 17 | | |
| | Females | Ave. | | | | 595.0 | | 678.8 | 742.0 | | |
| | | S.E. | | | | | | 8.98 | 8.24 | | |
| | | N | | | | 1 | | 4 | 10 | | |
| | Total | Ave. | | 339.8 | | 452.6 | | 641.2 | 779.6 | | |
| | | S.E. | | 14.58 | | 15.87 | | 18.09 | 8.59 | | |
| | | N | | 9 | | 19 | | 13 | 27 | | |
| Tahini River 115-32-068 | Males | Ave. | | 340.0 | | 579.5 | | 801.7 | 955.0 | | |
| | | S.E. | | | | 14.13 | | 57.85 | 10.90 | | |
| | | N | | 1 | | 10 | | 6 | 13 | | |
| | Females | Ave. | | | | | | 905.0 | 910.7 | | |
| | | S.E. | | | | | | 35.00 | 17.09 | | |
| | | N | | | | | | 2 | 7 | | |
| | Total | Ave. | | 340.0 | | 579.5 | | 827.5 | 939.5 | | |
| | | S.E. | | | | 14.13 | | 46.07 | 10.23 | | |
| | | N | | 1 | | 10 | | 8 | 20 | | |

-Continued-

Table 23. (page 4 of 4)

| System (Stream Number) | | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1983 | 1982 | | 1981 | | 1980 | 1979 |
| | | | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | 1.5 |
| Hatchery Runs | | | | | | | | | |
| Ketchikan Creek 101-47-025 Deer Mountain Hatchery | Males | Ave. | | | 781.9 | | 821.0 | 970.0 | |
| | | S.E. | | | 22.45 | | 7.21 | 25.17 | |
| | | N | | | 18 | | 81 | 3 | |
| | Females | Ave. | | | 760.0 | 950.0 | 814.9 | 873.3 | |
| | | S.E. | | | 35.36 | | 5.05 | 13.92 | |
| | | N | | | 5 | 1 | 90 | 12 | |
| | Total | Ave. | | | 777.2 | 950.0 | 817.8 | 892.7 | |
| | | S.E. | | | 18.92 | | 4.32 | 15.70 | |
| | | N | | | 23 | 1 | 171 | 15 | |
| Crystal Creek 106-44-031 | Males | Ave. | 657.5 | | 647.5 | 795.0 | 705.5 | 821.7 | |
| | | S.E. | 17.5 | | 22.57 | | 18.45 | 24.89 | |
| | | N | 2 | | 18 | 1 | 21 | 3 | |
| | Females | Ave. | | 792.5 | 810.0 | 798.0 | 785.0 | 855.0 | |
| | | S.E. | | 62.50 | | 24.27 | 11.85 | 9.94 | |
| | | N | | 2 | 1 | 5 | 13 | 7 | |
| | Total | Ave. | 657.5 | 792.5 | 656.1 | 797.5 | 735.9 | 845.0 | |
| | | S.E. | 17.50 | 62.50 | 23.00 | 19.82 | 13.86 | 10.65 | |
| | | N | 2 | 2 | 19 | 6 | 34 | 10 | |
| Snettisham Hatchery | Males | Ave. | 350.0 | | 558.1 | | 735.9 | 705.0 | |
| | | S.E. | | | 12.60 | | 4.50 | | |
| | | N | 1 | | 16 | | 120 | 1 | |
| | Females | Ave. | | | 627.5 | | 777.1 | 883.3 | 880.0 |
| | | S.E. | | | 127.50 | | 8.30 | 44.40 | |
| | | N | | | 2 | | 26 | 3 | 1 |
| | Total | Ave. | 350.0 | | 565.8 | | 743.2 | 838.8 | 880.0 |
| | | S.E. | | | 16.10 | | 4.20 | 54.50 | |
| | | N | 1 | | 18 | | 146 | 4 | 1 |

[a] Lengths for these fish are post-orbital to hypural plate (POH).

Table 24. Southeastern Alaska commercial troll, seine, and gill net harvest of chinook salmon freshwater aged 0., 1986.

| Fishery | | Area | | | | Total |
|---|---|---|---|---|---|---|
| | | Northern Outside | Southern Outside | Northern Inside | Southern Inside | |
| Winter Troll | Number | 1,747 | 844 | 2,801 | 2,957 | 8,349 |
| | Percent | 61.3 | 59.4 | 38.3 | 40.2 | 44.1 |
| Summer Troll | Number | 101,285 | 14,927 | 6,119 | 7,139 | 129,470 |
| | Percent | 67.7 | 71.1 | 28.4 | 32.5 | 60.4 |
| Seine | Number | - | 7,459 | 470 | 493 | 8,422 |
| | Percent | - | 79.1 | 64.1 | 24.4 | 69.1 |
| Gillnet | Number | - | - | 323 | 646 | 969 |
| | Percent | - | - | 6.0 | 20.2 | 11.3 |

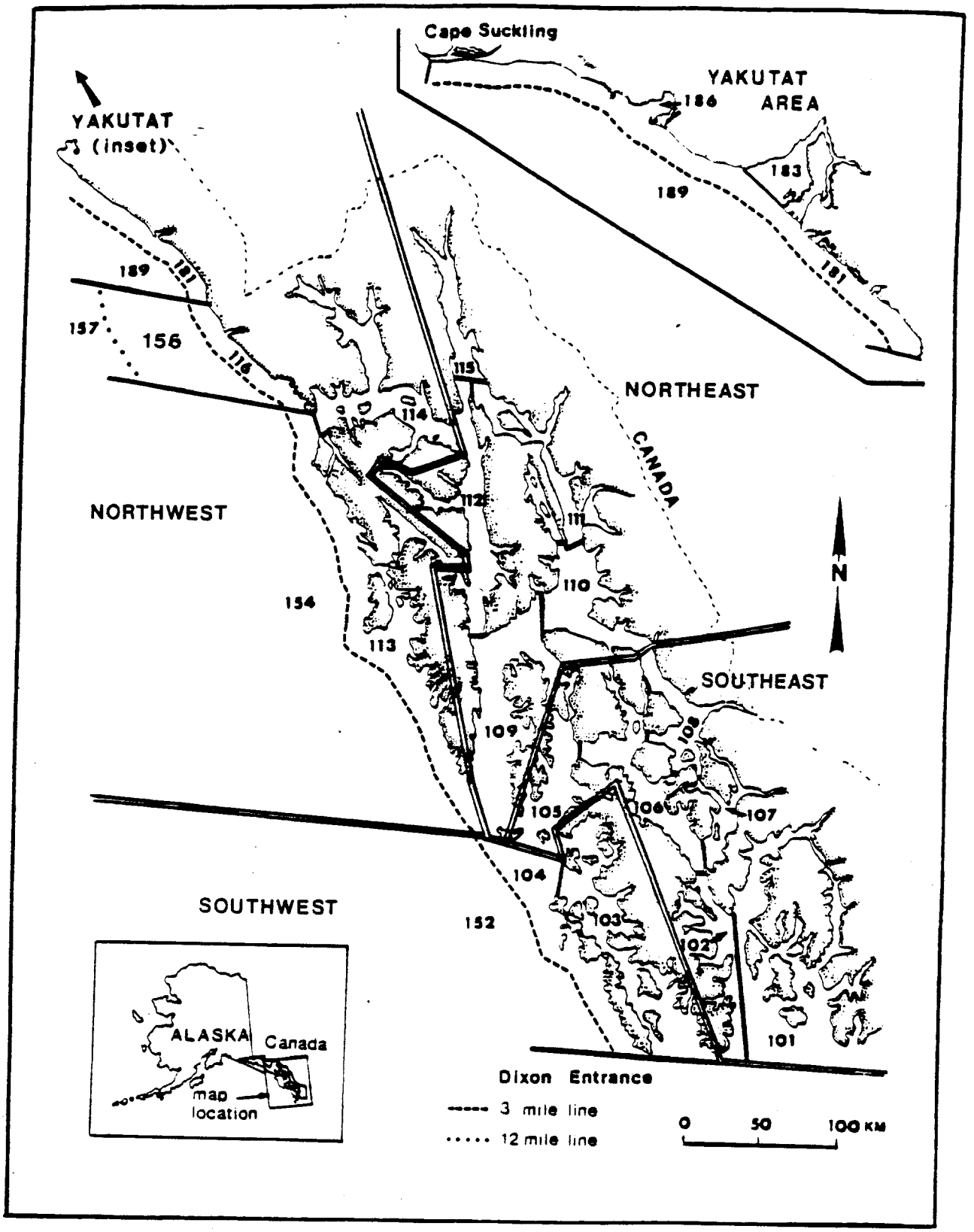
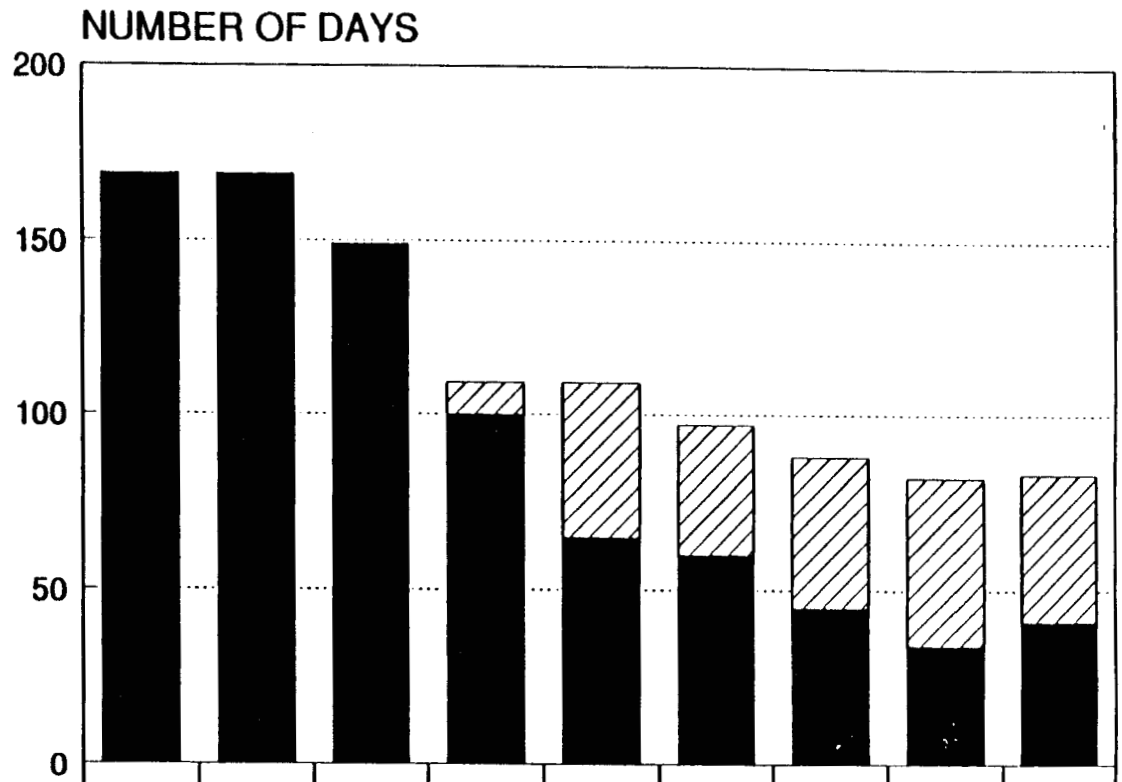



Figure 1. Map of Southeast Alaska showing the statistical fishing districts and four quadrants used for analysis of the troll data.




| | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 |
|---|---|---|---|---|---|---|---|---|---|
| DAYS NON-RETENTION | 0 | 0 | 0 | 9 | 44 | 37 | 43 | 48 | 42 |
| DAYS OPEN | 169 | 169 | 149 | 100 | 65 | 60 | 45 | 34 | 41 |

DAYS OPEN  DAYS NON-RETENTION

Figure 2. Number of days open for chinook salmon fishing and days of non-retention of chinook salmon in Southeast Alaska summer troll seasons, 1978 to 1986.

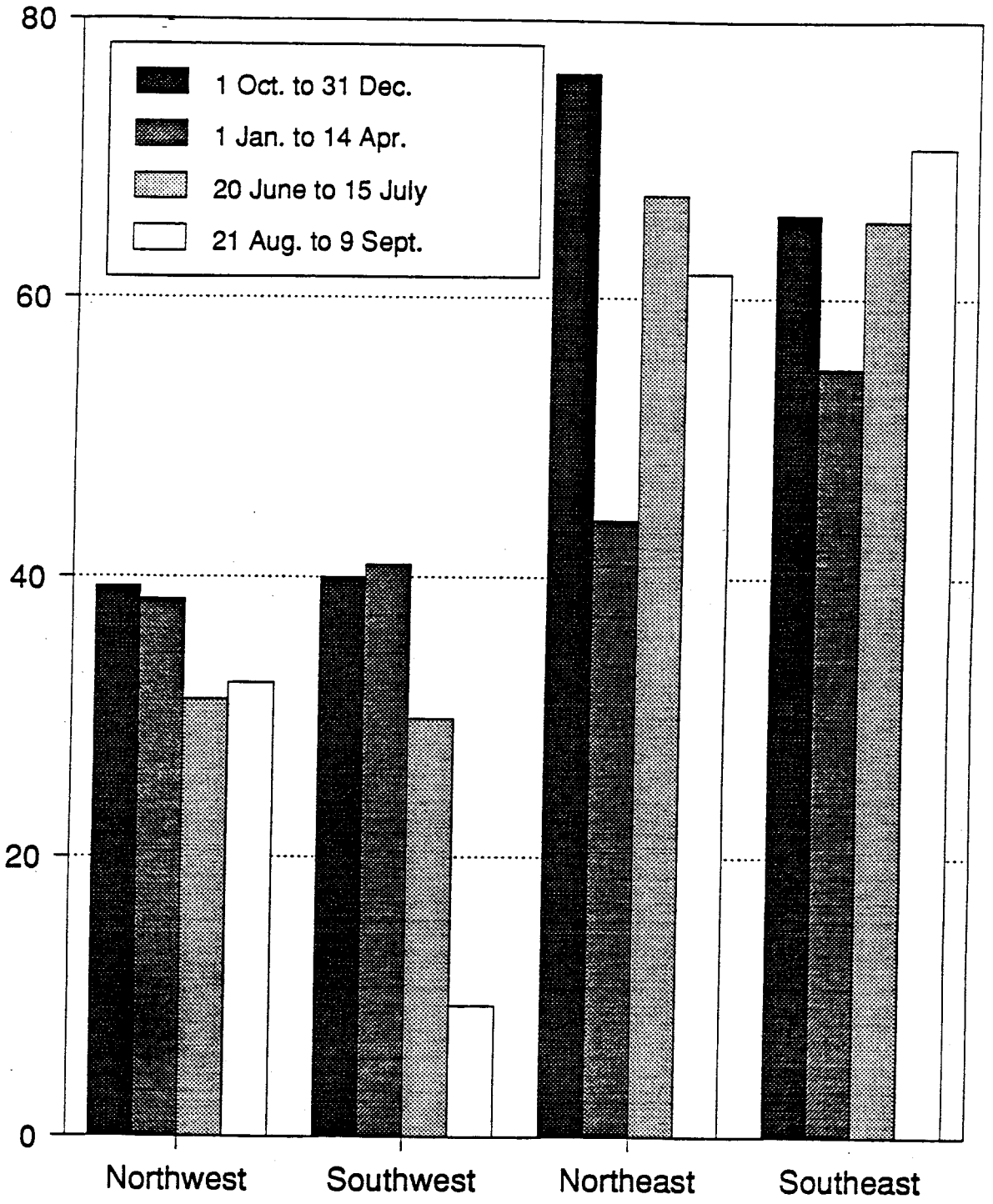



Figure 3. Percentage of age-1. chinook salmon in the Southeast Alaska troll harvest by quadrant, 1 October 1985 to 9 September 1986.

Appendix A.1. Sample size needed to describe the age composition of a two, three, four, five, six, or seven-age class population of increasing size with a precision of + 5% and a probability of 0.10.

| | Sample Size Needed With The Following Number of Groups a | | | | | |
|---|---|---|---|---|---|---|
| Population Size | 2 | 3 | 4 | 5 | 6 | 7 |
| 500 | 176 | 223 | 215 | 205 | 195 | 185 |
| 1,000 | 213 | 287 | 274 | 258 | 242 | 227 |
| 1,500 | 229 | 318 | 301 | 282 | 263 | 246 |
| 2,000 | 238 | 336 | 317 | 296 | 275 | 256 |
| 2,500 | 244 | 347 | 328 | 305 | 283 | 263 |
| 3,000 | 248 | 355 | 335 | 311 | 288 | 268 |
| 3,500 | 251 | 361 | 340 | 316 | 292 | 271 |
| 4,000 | 253 | 366 | 345 | 319 | 296 | 274 |
| 4,500 | 255 | 370 | 348 | 322 | 298 | 276 |
| 5,000 | 256 | 373 | 351 | 325 | 300 | 278 |
| 6,000 | 258 | 378 | 355 | 328 | 303 | 280 |
| 7,000 | 260 | 381 | 358 | 331 | 305 | 282 |
| 8,000 | 261 | 384 | 360 | 333 | 307 | 284 |
| 9,000 | 262 | 386 | 362 | 334 | 308 | 285 |
| 10,000 | 263 | 387 | 363 | 335 | 309 | 286 |
| 15,000 | 265 | 392 | 368 | 339 | 312 | 288 |
| 20,000 | 266 | 395 | 370 | 341 | 314 | 290 |
| 25,000 | 267 | 397 | 371 | 342 | 315 | 291 |
| 30,000 | 268 | 398 | 372 | 343 | 316 | 291 |
| 35,000 | 268 | 398 | 373 | 344 | 316 | 292 |
| 40,000 | 268 | 399 | 373 | 344 | 316 | 292 |
| 45,000 | 268 | 399 | 374 | 344 | 317 | 292 |
| 50,000 | 269 | 400 | 374 | 345 | 317 | 292 |
| 60,000 | 269 | 400 | 375 | 345 | 317 | 293 |
| 70,000 | 269 | 401 | 375 | 345 | 318 | 293 |
| 80,000 | 269 | 401 | 375 | 346 | 318 | 293 |
| 90,000 | 269 | 401 | 375 | 346 | 318 | 293 |
| 100,000 | 269 | 401 | 376 | 346 | 318 | 293 |
| infinite | 270 | 403 | 377 | 347 | 319 | 294 |

Appendix A.2. Hand and power troll harvest of chinook salmon in Southeast Alaska in pounds by district and statistical week, 1 October 1985 to 20 September 1986.

| | | | Southeast Quadrant | | | | | | Northeast Quadrant | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Stat. Week | Inclusive Dates | 101 | 102 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 114[a] | 115 | Total | Grand Total |
| 1985 | 40 | 9/29-10/5 | 292 | 1,934 | | 628 | 1,213 | 2,212 | 77 | 798 | | 157 | 4,131 | | 11,442 | 14,596 |
| | 41 | 10/6-10/12 | 3,390 | 9,042 | | 3,314 | 2,682 | 1,689 | 5,877 | 24,287 | | 1,454 | 6,428 | | 58,163 | 66,131 |
| | 42 | 10/13-10/19 | 2,121 | 3,344 | 538 | 1,191 | 733 | 1,469 | 1,884 | 2,558 | | 548 | 2,423 | | 16,809 | 19,908 |
| | 43 | 10/20-10/26 | 1,491 | 1,711 | | 1,433 | 656 | 5,990 | 2,403 | 1,447 | 1,544 | | 1,989 | | 18,664 | 24,132 |
| | 44 | 10/27-11/2 | 1,455 | 206 | | 856 | 69 | 5,967 | 592 | 4,681 | | 224 | 449 | | 14,499 | 16,635 |
| | 45 | 11/3-11/9 | 292 | 52 | | 431 | 489 | 2,486 | 1,930 | 2,719 | | | 376 | | 8,775 | 11,338 |
| | 46 | 11/10-11/16 | 37 | 287 | | | 725 | 1,011 | 553 | 1,098 | | 327 | 316 | | 4,354 | 4,683 |
| | 47 | 11/17-11/23 | | | | | | 924 | 120 | | | | | | 1,044 | 1,584 |
| | 48 | 11/24-11/30 | 15 | | | | | 150 | 563 | 225 | | | 1,172 | | 2,125 | 3,725 |
| | 49 | 12/1-12/7 | 15 | | | 105 | 105 | 336 | | | | | 147 | | 708 | 4,129 |
| | 50 | 12/8-12/14 | 60 | | | | 14 | 147 | 201 | | | | 495 | | 917 | 2,098 |
| | 51 | 12/15-12/21 | 8 | | | 62 | 270 | 534 | | 8 | | 61 | 513 | | 1,456 | 1,839 |
| | 52 | 12/22-12/28 | 9 | | | 67 | 218 | 331 | | | | | 127 | | 752 | 1,651 |
| | 53 | 12/29-12/31 | | | | 25 | | 186 | | | | | | | 211 | 445 |
| 1986 | 1 | 1/1-1/4 | | | | 358 | | 267 | | | | 88 | 282 | | 995 | 1,676 |
| | 2 | 1/5-1/11 | | | | | | 132 | | | | 77 | 504 | | 713 | 873 |
| | 3 | 1/12-1/18 | | 58 | | 139 | 10 | 124 | | 75 | | | 806 | | 1,212 | 1,740 |
| | 4 | 1/19-1/25 | | | | | | 217 | 115 | 496 | | | 292 | | 1,120 | 2,333 |
| | 5 | 1/26-2/1 | 18 | | | 9 | | 208 | 93 | 92 | | | 527 | | 947 | 3,140 |
| | 6 | 2/2-2/8 | 155 | 500 | | 18 | 87 | 83 | 343 | | | 96 | 369 | | 1,651 | 5,568 |
| | 7 | 2/9-2/15 | 146 | 423 | 471 | 704 | | 12 | 298 | | | | 1,191 | | 3,245 | 8,014 |
| | 8 | 2/16-2/22 | 76 | 134 | | 595 | | 99 | | | | | 78 | | 982 | 2,158 |
| | 9 | 2/23-3/1 | 62 | 152 | | 42 | | 292 | | 17 | | 20 | | | 585 | 2,030 |
| | 10 | 3/2-3/8 | 984 | 796 | | 83 | | 121 | 27 | 54 | | 22 | 328 | | 2,415 | 3,161 |
| | 11 | 3/9-3/15 | 845 | 905 | | 127 | | 400 | 34 | 189 | 81 | 146 | 1,032 | | 3,759 | 6,766 |
| | 12 | 3/16-3/22 | 412 | 628 | 1,445 | 1,464 | | 847 | 843 | 78 | | | 2,775 | | 8,492 | 12,237 |
| | 13 | 3/23-3/29 | 780 | 837 | 451 | 297 | | 387 | 125 | 872 | | | 3,034 | | 6,783 | 9,127 |
| | 14 | 3/30-4/5 | 651 | 940 | 1,268 | 676 | | 334 | 271 | 621 | | | 3,205 | | 7,966 | 10,722 |
| | 15 | 4/6-4/12 | 1,268 | 1,099 | 721 | 568 | 22 | 290 | 568 | 281 | | | 1,862 | | 6,679 | 9,910 |
| | 16 | 4/13-4/19 | 691 | 1,224 | 2,382 | 589 | | 235 | 1,243 | 279 | | | 6,217 | | 12,860 | 18,817 |
| Winter District Total | | | 15,273 | 24,272 | 7,276 | 13,781 | 7,293 | 27,480 | 18,160 | 40,875 | 1,625 | 3,220 | 41,068 | 0 | 200,323 | 271,166 |
| Area Total | | | | | | 95,375 | | | | | | 104,948 | | | | |
| | 23 | 6/1-6/7 | 83 | | | 508 | | | 1,312 | | | | | | 1,903 | 1,903 |
| | 24 | 6/8-6/14 | 403 | | | 580 | | | 3,783 | | | | | | 4,766 | 4,766 |
| | 25 | 6/15-6/21 | 816 | 183 | 694 | 565 | 1,058 | | 6,015 | 1,364 | | 2,377 | | 90 | 13,162 | 46,408 |
| | 26 | 6/22-6/28 | 4,839 | 25,653 | 4,848 | 2,853 | 16,792 | 12 | 38,210 | 36,482 | 593 | 8,627 | | 52 | 138,961 | 632,271 |
| | 27 | 6/29-7/5 | 14,706 | 17,553 | 4,741 | 12,072 | 4,097 | 124 | 36,470 | 20,656 | | 6,738 | | 1,310 | 118,467 | 697,129 |
| | 28 | 7/6-7/12 | 15,593 | 16,834 | 4,012 | 13,482 | 3,237 | | 24,567 | 16,580 | 214 | 5,458 | | | 99,977 | 697,334 |
| | 29 | 7/13-7/19 | 11,066 | 10,249 | 4,462 | 10,483 | 396 | 528 | 13,211 | 6,666 | 274 | 1,810 | | | 59,145 | 618,547 |
| | 30 | 7/20-7/26 | | | | | | | 56 | | | | | | 56 | 887 |
| | 31 | 7/27-8/2 | | | | | | | | | | | | | 0 | 852 |
| | 32 | 8/3-8/9 | | | | | | | 90 | | | | | | 90 | 90 |
| | 33 | 8/10-8/16 | 10 | | | | | | | | | | | | 10 | 10 |
| | 34 | 8/17-8/23 | 394 | 1,136 | | 1,885 | 120 | | 2,451 | 1,028 | | 5,406 | | | 12,420 | 105,263 |
| | 35 | 8/24-8/30 | 5,448 | 11,764 | 1,702 | 10,379 | 287 | 212 | 13,625 | 6,094 | 1,497 | 5,960 | | | 56,968 | 442,315 |
| | 36 | 8/31-9/6 | 3,480 | 3,622 | 2,322 | 9,083 | 204 | 119 | 10,048 | 1,269 | 538 | 3,405 | | | 34,090 | 245,504 |
| | 37 | 9/7-9/13 | 4,936 | 5,338 | 189 | 7,823 | 277 | 10 | 3,592 | 6,020 | 1,288 | 2,472 | | | 31,945 | 236,906 |
| | 38 | 9/14-9/20 | | | | | | | | | | 61 | | | 61 | 187 |
| Summer District Total | | | 61,774 | 92,332 | 22,970 | 69,713 | 26,468 | 1,005 | 153,430 | 96,159 | 4,404 | 42,314 | | 0 1,452 | 572,021 | 3,730,372 |
| Area Total | | | | | | 274,262 | | | | | | 297,759 | | | | |
| Season Total | | | 77,047 | 116,604 | 30,246 | 83,494 | 33,761 | 28,485 | 171,590 | 137,034 | 6,029 | 45,534 | [a] | 1,452 | 731,276 | 4,001,538 |

[a] District 114 winter troll total is included in the Northwest Quadrant District 114 season total.

Appendix A.2. (page 2 of 2)

| Year | Stat. Week | Inclusive Dates | Southwest Quadrant 103 | 104 | 152 | Northwest Quadrant 113 | 114 | 116 | 154 | 156 | 157 | 181 | 183 | 186 | 189 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | 40 | 9/29-10/5 | 83 | 27 | | 3,044 | | | | | | | | | | 3,154 |
| | 41 | 10/6-10/12 | 50 | | | 7,189 | | | | | | | 729 | | | 7,968 |
| | 42 | 10/13-10/19 | 127 | | | 2,972 | | | | | | | | | | 3,099 |
| | 43 | 10/20-10/26 | 22 | | | 5,299 | | | | | | | 147 | | | 5,468 |
| | 44 | 10/27-11/2 | 297 | | | 1,516 | | | | | | | 323 | | | 2,136 |
| | 45 | 11/3-11/9 | | 10 | | 2,249 | | | | | | | 304 | | | 2,563 |
| | 46 | 11/10-11/16 | | | | 329 | | | | | | | | | | 329 |
| | 47 | 11/17-11/23 | | | | 540 | | | | | | | | | | 540 |
| | 48 | 11/24-11/30 | 178 | | | 1,422 | | | | | | | | | | 1,600 |
| | 49 | 12/1-12/7 | | | | 3,421 | | | | | | | | | | 3,421 |
| | 50 | 12/8-12/14 | | | | 1,181 | | | | | | | | | | 1,181 |
| | 51 | 12/15-12/21 | | | | 383 | | | | | | | | | | 383 |
| | 52 | 12/22-12/28 | 226 | | | 645 | | | | | | | 28 | | | 899 |
| | 53 | 12/29-12/31 | | | | 234 | | | | | | | | | | 234 |
| 1986 | 1 | 1/1-1/4 | | 479 | | 202 | | | | | | | | | | 681 |
| | 2 | 1/5-1/11 | 101 | | | 59 | | | | | | | | | | 160 |
| | 3 | 1/12-1/18 | 99 | 170 | | 259 | | | | | | | | | | 528 |
| | 4 | 1/19-1/25 | 83 | 888 | | 242 | | | | | | | | | | 1,213 |
| | 5 | 1/26-2/1 | 1,591 | 261 | | 341 | | | | | | | | | | 2,193 |
| | 6 | 2/2-2/8 | 2,277 | 736 | | 904 | | | | | | | | | | 3,917 |
| | 7 | 2/9-2/15 | 2,152 | 410 | | 2,207 | | | | | | | | | | 4,769 |
| | 8 | 2/16-2/22 | 414 | 292 | | 470 | | | | | | | | | | 1,176 |
| | 9 | 2/23-3/1 | 329 | 700 | | 416 | | | | | | | | | | 1,445 |
| | 10 | 3/2-3/8 | 219 | 232 | | 295 | | | | | | | | | | 746 |
| | 11 | 3/9-3/15 | 2,869 | | | 138 | | | | | | | | | | 3,007 |
| | 12 | 3/16-3/22 | 2,427 | 276 | | 1,042 | | | | | | | | | | 3,745 |
| | 13 | 3/23-3/29 | 286 | 1,273 | | 743 | | | | | | | 42 | | | 2,344 |
| | 14 | 3/30-4/5 | 1,712 | 229 | | 657 | | | | | | | 158 | | | 2,756 |
| | 15 | 4/6-4/12 | 886 | 14 | | 2,331 | | | | | | | | | | 3,231 |
| | 16 | 4/13-4/19 | 1,391 | 155 | | 4,104 | | 307 | | | | | | | | 5,957 |
| Winter | District Total | | 17,819 | 6,152 | 0 | 44,834 | 0 | 307 | 0 | 0 | 0 | 0 | 1,731 | 0 | 0 | 70,843 |
| | Area Total | | | 23,971 | | | | | | | 46,872 | | | | | |
| | 23 | 6/1-6/7 | | | | | | | | | | | | | | 0 |
| | 24 | 6/8-6/14 | | | | | | | | | | | | | | 0 |
| | 25 | 6/15-6/21 | 1,291 | 5,172 | | 20,324 | 2,634 | 1,255 | | | 2,225 | | 345 | | | 33,246 |
| | 26 | 6/22-6/28 | 15,174 | 96,367 | 1,762 | 261,537 | 12,814 | 18,404 | | 6,277 | 75,718 | | 5,257 | | | 493,310 |
| | 27 | 6/29-7/5 | 9,108 | 77,089 | | 207,471 | 7,238 | 22,453 | 171 | 1,933 | 248,261 | | 4,000 | | 938 | 578,662 |
| | 28 | 7/6-7/12 | 9,424 | 34,349 | | 435,062 | 8,355 | 18,314 | 14,228 | 5,053 | 56,917 | | 15,655 | | | 597,357 |
| | 29 | 7/13-7/19 | 11,512 | 34,792 | 352 | 392,433 | 11,887 | 8,503 | 31,931 | | 21,321 | 19,599 | 5,647 | 1,722 | 19,703 | 559,402 |
| | 30 | 7/20-7/26 | | | | 688 | 118 | | | | | | 25 | | | 831 |
| | 31 | 7/27-8/2 | | | | 176 | 676 | | | | | | | | | 852 |
| | 32 | 8/3-8/9 | | | | | | | | | | | | | | 0 |
| | 33 | 8/10-8/16 | | | | | | | | | | | | | | 0 |
| | 34 | 8/17-8/23 | 550 | 7,788 | | 76,492 | 2,995 | 2,006 | | | | 2,027 | 985 | | | 92,843 |
| | 35 | 8/24-8/30 | 2,826 | 23,069 | | 276,235 | 10,995 | 31,453 | 1,127 | 3,628 | 3,796 | 21,808 | 9,235 | | 1,175 | 385,347 |
| | 36 | 8/31-9/6 | 1,123 | 27,403 | | 133,359 | 13,012 | 11,578 | | | 408 | 13,776 | 4,543 | 480 | 5,732 | 211,414 |
| | 37 | 9/7-9/13 | 2,042 | 3,395 | | 115,639 | 14,734 | 17,942 | 3,286 | 8,030 | 10,245 | 13,912 | 3,746 | | 11,990 | 204,961 |
| | 38 | 9/14-9/20 | | | | | 126 | | | | | | | | | 126 |
| Summer | District Total | | 53,050 | 309,424 | 2,114 | 1,919,416 | 85,584 | 131,908 | 50,743 | 24,921 | 418,891 | 71,122 | 49,438 | 2,202 | 39,538 | 3,158,351 |
| | Area Total | | | 364,588 | | | | | | | 2,793,763 | | | | | |
| Season Total | | | 70,869 | 315,576 | 2,114 | 1,964,250 | 126,652[a] | 132,215 | 50,743 | 24,921 | 418,891 | 71,122 | 51,169 | 2,202 | 39,538 | 3,270,262 |

[a] District 114 winter troll total is included in the Northwest Quadrant District 114 season total.

Appendix A.3. Power troll harvest of chinook salmon in Southeast Alaska in pounds by district and statistical week, 1 October 1985 to 20 September 1986.

| Year | Stat. Week | Inclusive Dates | Southeast Quadrant 101 | 102 | 105 | 106 | 107 | 108 | Northeast Quadrant 109 | 110 | 111 | 112 | 114 | 115 | Total | Grand Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | 40 | 9/29-10/5 | 280 | 1,894 | | 494 | 622 | 1,296 | | 772 | | | 2,873 | | 8,231 | 10,817 |
| | 41 | 10/6-10/12 | 3,133 | 8,370 | | 3,245 | 2,168 | 1,226 | 5,295 | 23,202 | | 1,094 | 4,226 | | 51,959 | 57,856 |
| | 42 | 10/13-10/19 | 1,893 | 3,319 | 538 | 980 | 723 | 788 | 970 | 1,721 | | 527 | 1,702 | | 13,161 | 15,155 |
| | 43 | 10/20-10/26 | 1,491 | 1,664 | | 932 | 633 | 3,483 | 2,062 | 979 | 1,544 | | 1,003 | | 13,791 | 18,219 |
| | 44 | 10/27-11/2 | 1,455 | 206 | | 702 | | 4,665 | 498 | 3,746 | | 142 | 236 | | 11,650 | 12,926 |
| | 45 | 11/3-11/9 | 282 | 52 | | 431 | 489 | 1,576 | 1,703 | 2,329 | | | 143 | | 7,005 | 8,901 |
| | 46 | 11/10-11/16 | 37 | 287 | | | | 268 | 539 | 1,098 | | 296 | 316 | | 2,841 | 3,084 |
| | 47 | 11/17-11/23 | | | | | | 357 | 80 | | | | | | 437 | 852 |
| | 48 | 11/24-11/30 | 15 | | | | | | 563 | 225 | | | 1,172 | | 1,975 | 3,026 |
| | 49 | 12/1-12/7 | 15 | | | | 39 | 149 | | | | | | | 203 | 3,527 |
| | 50 | 12/8-12/14 | 32 | | | | 14 | | 201 | | | | 32 | | 279 | 1,390 |
| | 51 | 12/15-12/21 | 8 | | | | 270 | | | | | 61 | | | 339 | 722 |
| | 52 | 12/22-12/28 | | | | | | 24 | | | | | 127 | | 151 | 706 |
| | 53 | 12/29-12/31 | | | | | | | | | | | | | 0 | 234 |
| 1986 | 1 | 1/1-1/4 | | | | 183 | | 267 | | | | 88 | | | 538 | 1,219 |
| | 2 | 1/5-1/11 | | | | | | 56 | | | | 77 | | | 133 | 192 |
| | 3 | 1/12-1/18 | | 58 | | | 10 | 106 | | 75 | | | 56 | | 305 | 579 |
| | 4 | 1/19-1/25 | | | | | | 22 | 38 | 496 | | | 99 | | 655 | 1,868 |
| | 5 | 1/26-2/1 | 18 | | | 9 | | 34 | 93 | 84 | | | 26 | | 264 | 2,261 |
| | 6 | 2/2-2/8 | 155 | 500 | | | 20 | 9 | 94 | | | 96 | 317 | | 1,191 | 4,839 |
| | 7 | 2/9-2/15 | 41 | 423 | 471 | 581 | | 12 | 190 | | | | 139 | | 1,857 | 6,023 |
| | 8 | 2/16-2/22 | 76 | 134 | | 543 | | | | | | | | | 753 | 1,835 |
| | 9 | 2/23-3/1 | 38 | 152 | | | | 106 | | 17 | | 20 | | | 333 | 1,716 |
| | 10 | 3/2-3/8 | 984 | 777 | | | | 10 | 27 | 54 | | | | | 1,852 | 2,457 |
| | 11 | 3/9-3/15 | 804 | 905 | | 77 | | 156 | 34 | | 81 | 146 | 235 | | 2,438 | 5,138 |
| | 12 | 3/16-3/22 | 412 | 628 | 1,424 | 1,175 | | 580 | 686 | 78 | | | 2,255 | | 7,238 | 9,868 |
| | 13 | 3/23-3/29 | 772 | 763 | 451 | 219 | | 251 | 103 | 872 | | | 1,878 | | 5,309 | 7,390 |
| | 14 | 3/30-4/5 | 632 | 848 | 1,208 | 140 | | 106 | 271 | 316 | | | 2,381 | | 5,902 | 8,354 |
| | 15 | 4/6-4/12 | 1,268 | 1,099 | 721 | 501 | 22 | 12 | 555 | 39 | | | 1,013 | | 5,230 | 8,296 |
| | 16 | 4/13-4/19 | 691 | 849 | 2,249 | 537 | | 49 | 1,157 | 263 | | | 4,418 | | 10,213 | 15,644 |
| Winter District Total | | | 14,532 | 22,928 | 7,062 | 10,749 | 5,010 | 15,608 | 15,159 | 36,366 | 1,625 | 2,547 | 24,647 | 0 | 156,233 | 215,114 |
| | Area Total | | | | | 75,889 | | | | | | 80,344 | | | | |
| | 23 | 6/1-6/7 | 83 | | | 141 | | | 1,163 | | | | | | 1,387 | 1,387 |
| | 24 | 6/8-6/14 | 403 | | | 235 | | | 3,600 | | | | | | 4,238 | 4,238 |
| | 25 | 6/15-6/21 | 661 | | 565 | 262 | 531 | | 3,681 | 582 | | 56 | | 78 | 6,416 | 31,331 |
| | 26 | 6/22-6/28 | 3,182 | 22,285 | 3,378 | 2,412 | 6,127 | | 26,953 | 23,045 | 593 | 2,013 | | 29 | 90,017 | 548,823 |
| | 27 | 6/29-7/5 | 11,540 | 15,556 | 3,556 | 8,619 | 280 | | 28,161 | 17,282 | | 3,004 | | 833 | 88,831 | 638,068 |
| | 28 | 7/6-7/12 | 11,878 | 14,825 | 3,404 | 11,180 | 509 | | 18,160 | 12,485 | | 1,590 | | | 74,031 | 633,781 |
| | 29 | 7/13-7/19 | 8,679 | 8,282 | 4,253 | 7,308 | | 454 | 9,147 | 3,393 | 274 | 55 | | | 41,845 | 572,766 |
| | 30 | 7/20-7/26 | | | | | | | 56 | | | | | | 56 | 769 |
| | 31 | 7/27-8/2 | | | | | | | | | | | | | 0 | 836 |
| | 32 | 8/3-8/9 | | | | | | | 90 | | | | | | 90 | 90 |
| | 33 | 8/10-8/16 | | | | | | | | | | | | | 0 | 0 |
| | 34 | 8/17-8/23 | 314 | 1,024 | | 744 | 11 | | 1,242 | 194 | | 228 | | | 3,757 | 78,783 |
| | 35 | 8/24-8/30 | 4,352 | 10,586 | 1,548 | 9,049 | | | 10,753 | 4,584 | 1,497 | 2,202 | | | 44,571 | 408,210 |
| | 36 | 8/31-9/6 | 2,991 | 2,844 | 2,292 | 6,683 | 133 | 92 | 5,712 | 664 | 538 | 904 | | | 22,853 | 215,943 |
| | 37 | 9/7-9/13 | 4,258 | 5,112 | 165 | 7,429 | 18 | | 2,821 | 5,265 | 687 | 761 | | | 26,516 | 223,129 |
| | 38 | 9/14-9/20 | | | | | | | | | | 61 | | | 61 | 187 |
| Summer District Total | | | 48,341 | 80,514 | 19,161 | 54,062 | 7,609 | 546 | 111,539 | 67,494 | 3,589 | 10,874 | [a] | 940 | 404,669 | 3,358,341 |
| | Area Total | | | | | 210,233 | | | | | | 194,436 | | | | |
| Season Total | | | 62,873 | 103,442 | 26,223 | 64,811 | 12,619 | 16,154 | 126,698 | 103,860 | 5,214 | 13,421 | [a] | 940 | 536,255 | 3,573,455 |

-Continued-

Appendix A.3. (page 2 of 2)

| Year | Stat. Week | Inclusive Dates | Southwest Quadrant 103 | 104 | 152 | Northwest Quadrant 113 | 114 | 116 | 154 | 156 | 157 | 181 | 183 | 186 | 189 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | 40 | 9/29-10/5 | 83 | 27 | | 2,476 | | | | | | | | | | 2,586 |
| | 41 | 10/6-10/12 | 50 | | | 5,847 | | | | | | | | | | 5,897 |
| | 42 | 10/13-10/19 | | | | 1,994 | | | | | | | | | | 1,994 |
| | 43 | 10/20-10/26 | 22 | | | 4,406 | | | | | | | | | | 4,428 |
| | 44 | 10/27-11/2 | 297 | | | 979 | | | | | | | | | | 1,276 |
| | 45 | 11/3-11/9 | | 10 | | 1,886 | | | | | | | | | | 1,896 |
| | 46 | 11/10-11/16 | | | | 243 | | | | | | | | | | 243 |
| | 47 | 11/17-11/23 | | | | 415 | | | | | | | | | | 415 |
| | 48 | 11/24-11/30 | | | | 1,051 | | | | | | | | | | 1,051 |
| | 49 | 12/1-12/7 | | | | 3,324 | | | | | | | | | | 3,324 |
| | 50 | 12/8-12/14 | | | | 1,111 | | | | | | | | | | 1,111 |
| | 51 | 12/15-12/21 | | | | 383 | | | | | | | | | | 383 |
| | 52 | 12/22-12/28 | | | | 555 | | | | | | | | | | 555 |
| | 53 | 12/29-12/31 | | | | 234 | | | | | | | | | | 234 |
| 1986 | 1 | 1/1-1/4 | | 479 | | 202 | | | | | | | | | | 681 |
| | 2 | 1/5-1/11 | | | | 59 | | | | | | | | | | 59 |
| | 3 | 1/12-1/18 | 61 | | | 213 | | | | | | | | | | 274 |
| | 4 | 1/19-1/25 | 83 | 888 | | 242 | | | | | | | | | | 1,213 |
| | 5 | 1/26-2/1 | 1,509 | 261 | | 227 | | | | | | | | | | 1,997 |
| | 6 | 2/2-2/8 | 2,195 | 736 | | 717 | | | | | | | | | | 3,648 |
| | 7 | 2/9-2/15 | 2,119 | 410 | | 1,637 | | | | | | | | | | 4,166 |
| | 8 | 2/16-2/22 | 320 | 292 | | 470 | | | | | | | | | | 1,082 |
| | 9 | 2/23-3/1 | 267 | 700 | | 416 | | | | | | | | | | 1,383 |
| | 10 | 3/2-3/8 | 164 | 232 | | 209 | | | | | | | | | | 605 |
| | 11 | 3/9-3/15 | 2,623 | | | 77 | | | | | | | | | | 2,700 |
| | 12 | 3/16-3/22 | 1,922 | 276 | | 452 | | | | | | | | | | 2,650 |
| | 13 | 3/23-3/29 | 225 | 1,273 | | 583 | | | | | | | | | | 2,081 |
| | 14 | 3/30-4/5 | 1,608 | 229 | | 615 | | | | | | | | | | 2,452 |
| | 15 | 4/6-4/12 | 886 | 14 | | 2,166 | | | | | | | | | | 3,066 |
| | 16 | 4/13-4/19 | 977 | 43 | | 4,104 | | 307 | | | | | | | | 5,431 |
| Winter District Total | | | 15,411 | 5,870 | 0 | 37,293 | 0 | 307 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58,881 |
| | | | | 21,281 | | | | | | | 37,600 | | | | | |
| | 23 | 6/1-6/7 | | | | | | | | | | | | | | 0 |
| | 24 | 6/8-6/14 | | | | | | | | | | | | | | 0 |
| | 25 | 6/15-6/21 | 68 | 4,186 | | 16,876 | 475 | 961 | | | 2,225 | | 124 | | | 24,915 |
| | 26 | 6/22-6/28 | 9,111 | 90,990 | 1,762 | 246,715 | 7,894 | 17,409 | | 6,277 | 75,718 | | 2,930 | | 938 | 459,744 |
| | 27 | 6/29-7/5 | 3,218 | 74,698 | | 192,213 | 4,018 | 21,951 | 171 | 1,933 | 248,146 | | 1,951 | | | 548,299 |
| | 28 | 7/6-7/12 | 3,268 | 30,722 | | 416,364 | 3,746 | 17,988 | 14,228 | 5,053 | 56,917 | | 11,464 | | | 559,750 |
| | 29 | 7/13-7/19 | 8,417 | 33,014 | 352 | 376,831 | 6,750 | 8,100 | 31,931 | | 21,321 | 19,599 | 3,181 | 1,722 | 19,703 | 530,921 |
| | 30 | 7/20-7/26 | | | | 688 | | | | | | | 25 | | | 713 |
| | 31 | 7/27-8/2 | | | | 176 | 660 | | | | | | | | | 836 |
| | 32 | 8/3-8/9 | | | | | | | | | | | | | | 0 |
| | 33 | 8/10-8/16 | | | | | | | | | | | | | | 0 |
| | 34 | 8/17-8/23 | 144 | 6,530 | | 63,708 | 920 | 1,893 | | | | 1,358 | 473 | | | 75,026 |
| | 35 | 8/24-8/30 | 1,915 | 21,478 | | 265,213 | 5,896 | 30,146 | 1,127 | 3,628 | 3,796 | 21,235 | 8,030 | | 1,175 | 363,639 |
| | 36 | 8/31-9/6 | 914 | 25,251 | | 125,569 | 7,854 | 11,125 | | | 408 | 13,324 | 2,433 | 480 | 5,732 | 193,090 |
| | 37 | 9/7-9/13 | 1,948 | 3,178 | | 113,051 | 10,665 | 17,694 | 3,286 | 8,030 | 10,245 | 13,634 | 2,925 | | 11,957 | 196,613 |
| | 38 | 9/14-9/20 | | | | | 126 | | | | | | | | | 126 |
| Summer District Total | | | 29,003 | 290,047 | 2,114 | 1,817,404 | 49,004 | 127,267 | 50,743 | 24,921 | 418,776 | 69,150 | 33,536 | 2,202 | 39,505 | 2,953,672 |
| Area Total | | | | 321,164 | | | | | | | 2,632,508 | | | | | |
| Season Total | | | 44,414 | 295,917 | 2,114 | 1,854,697 | [a]49,004 | 127,574 | 50,743 | 24,921 | 418,776 | 69,150 | 33,536 | 2,202 | 39,505 | 3,012,553 |

[a] District 114 winter troll total is included in the Northwest Quadrant District 114 season total.

Appendix A.4. Hand troll harvest of chinook salmon in Southeast Alaska in pounds by district and statistical week, 1 October 1985 to 20 September 1986.

| | | | Southeast Quadrant | | | | | | Northeast Quadrant | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Stat. Week | Inclusive Dates | 101 | 102 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 114 | 115 | Total | Grand Total |
| 1985 | 40 | 9/29-10/5 | 12 | 40 | | 134 | 591 | 916 | 77 | 26 | | 157 | 1,258 | | 3,211 | 3,779 |
| | 41 | 10/6-10/12 | 257 | 672 | | 69 | 514 | 463 | 582 | 1,085 | | 360 | 2,202 | | 6,204 | 8,275 |
| | 42 | 10/13-10/19 | 228 | 25 | | 211 | 10 | 681 | 914 | 837 | | 21 | 721 | | 3,648 | 4,753 |
| | 43 | 10/20-10/26 | | 47 | | 501 | 23 | 2,507 | 341 | 468 | | | 986 | | 4,873 | 5,913 |
| | 44 | 10/27-11/2 | | | | 154 | 69 | 1,302 | 94 | 935 | | 82 | 213 | | 2,849 | 3,709 |
| | 45 | 11/3-11/9 | 10 | | | | | 910 | 227 | 390 | | | 233 | | 1,770 | 2,437 |
| | 46 | 11/10-11/16 | | | | | 725 | 743 | 14 | | | 31 | | | 1,513 | 1,599 |
| | 47 | 11/17-11/23 | | | | | | 567 | 40 | | | | | | 607 | 732 |
| | 48 | 11/24-11/30 | | | | | | 150 | | | | | | | 150 | 699 |
| | 49 | 12/1-12/7 | | | | 105 | 66 | 187 | | | | | 147 | | 505 | 602 |
| | 50 | 12/8-12/14 | 28 | | | | | 147 | | | | | 463 | | 638 | 708 |
| | 51 | 12/15-12/21 | | | | 62 | | 534 | | 8 | | | 513 | | 1,117 | 1,117 |
| | 52 | 12/22-12/28 | 9 | | | 67 | 218 | 307 | | | | | | | 601 | 945 |
| | 53 | 12/29-12/31 | | | | 25 | | 186 | | | | | | | 211 | 211 |
| 1986 | 1 | 1/1-1/4 | | | | 175 | | | | | | | 282 | | 457 | 457 |
| | 2 | 1/5-1/11 | | | | | | 76 | | | | | 504 | | 580 | 681 |
| | 3 | 1/12-1/18 | | | | 139 | | 18 | | | | | 750 | | 907 | 1,161 |
| | 4 | 1/19-1/25 | | | | | | 195 | 77 | | | | 193 | | 465 | 465 |
| | 5 | 1/26-2/1 | | | | | | 174 | | 8 | | | 501 | | 683 | 879 |
| | 6 | 2/2-2/8 | | | | 18 | 67 | 74 | 249 | | | | 52 | | 460 | 729 |
| | 7 | 2/9-2/15 | 105 | | | 123 | | | 108 | | | | 1,052 | | 1,388 | 1,991 |
| | 8 | 2/16-2/22 | | | | 52 | | 99 | | | | | 78 | | 229 | 323 |
| | 9 | 2/25-3/1 | 24 | | | 42 | | 186 | | | | | | | 252 | 314 |
| | 10 | 3/2-3/8 | | 19 | | 83 | | 111 | | | | 22 | 328 | | 563 | 704 |
| | 11 | 3/9-3/15 | 41 | | | 50 | | 244 | | 189 | | | 797 | | 1,321 | 1,628 |
| | 12 | 3/16-3/22 | | | 21 | 289 | | 267 | 157 | | | | 520 | | 1,254 | 2,349 |
| | 13 | 3/23-3/29 | 8 | 74 | | 78 | | 136 | 22 | | | | 1,156 | | 1,474 | 1,737 |
| | 14 | 3/30-4/5 | 19 | 92 | 60 | 536 | | 228 | | 305 | | | 824 | | 2,064 | 2,368 |
| | 15 | 4/6-4/12 | | | | 67 | | 278 | 13 | 242 | | | 849 | | 1,449 | 1,614 |
| | 16 | 4/13-4/19 | | 375 | 133 | 52 | | 186 | 86 | 16 | | | 1,799 | | 2,647 | 3,173 |
| Winter District Total | | | 741 | 1,344 | 214 | 3,032 | 2,283 | 11,872 | 3,001 | 4,509 | 0 | 673 | 16,421 | 0 | 44,090 | 56,052 |
| Area Total | | | | | | 19,486 | | | | | | 24,604 | | | | |
| | 23 | 6/1-6/7 | | | | 367 | | | 149 | | | | | | 516 | 516 |
| | 24 | 6/8-6/14 | | | | 345 | | | 183 | | | | | | 528 | 528 |
| | 25 | 6/15-6/21 | 155 | 183 | 129 | 303 | 527 | | 2,334 | 782 | | 2,321 | | 12 | 6,746 | 15,077 |
| | 26 | 6/22-6/28 | 1,657 | 3,368 | 1,470 | 441 | 10,665 | 12 | 11,257 | 13,437 | | 6,614 | | 23 | 48,944 | 83,448 |
| | 27 | 6/29-7/5 | 3,166 | 1,997 | 1,185 | 3,453 | 3,817 | 124 | 8,309 | 3,374 | | 3,734 | | 477 | 29,636 | 59,061 |
| | 28 | 7/6-7/12 | 3,715 | 2,009 | 608 | 2,302 | 2,728 | | 6,407 | 4,095 | 214 | 3,868 | | | 25,946 | 63,553 |
| | 29 | 7/13-7/19 | 2,387 | 1,967 | 209 | 3,175 | 396 | 74 | 4,064 | 3,273 | | 1,755 | | | 17,300 | 45,781 |
| | 30 | 7/20-7/26 | | | | | | | | | | | | | 0 | 118 |
| | 31 | 7/27-8/2 | | | | | | | | | | | | | 0 | 16 |
| | 32 | 8/3-8/9 | | | | | | | | | | | | | 0 | 0 |
| | 33 | 8/10-8/16 | 10 | | | | | | | | | | | | 10 | 10 |
| | 34 | 8/17-8/23 | 80 | 112 | | 1,141 | 109 | | 1,209 | 834 | | 5,178 | | | 8,663 | 26,480 |
| | 35 | 8/24-8/30 | 1,096 | 1,178 | 154 | 1,330 | 287 | 212 | 2,872 | 1,510 | | 3,758 | | | 12,397 | 34,105 |
| | 36 | 8/31-9/6 | 489 | 778 | 30 | 2,400 | 71 | 27 | 4,336 | 605 | | 2,501 | | | 11,237 | 29,561 |
| | 37 | 9/7-9/13 | 678 | 226 | 24 | 394 | 259 | 10 | 771 | 755 | 601 | 1,711 | | | 5,429 | 13,777 |
| Summer District Total | | | 13,433 | 11,818 | 3,809 | 15,651 | 18,859 | 459 | 41,891 | 28,665 | 815 | 31,440 | 0 | 512 | 167,352 | 372,031 |
| Area Total | | | | | | 64,029 | | | | | | 103,323 | | | | |
| Season Total | | | 14,174 | 13,162 | 4,023 | 18,683 | 21,142 | 12,331 | 44,892 | 33,174 | 815 | 32,113 | a | 512 | 195,021 | 428,083 |

-Continued-

Appendix A.4. (page 2 of 2)

| Year | Stat. Week | Inclusive Dates | Southwest Quadrant 103 | 104 | 152 | Northwest Quadrant 113 | 114 | 116 | 154 | 156 | 157 | 181 | 183 | 189 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | 40 | 9/29-10/5 | | | | 568 | | | | | | | | | 568 |
| | 41 | 10/6-10/12 | | | | 1,342 | | | | | | | 729 | | 2,071 |
| | 42 | 10/13-10/19 | 127 | | | 978 | | | | | | | | | 1,105 |
| | 43 | 10/20-10/26 | | | | 893 | | | | | | | 147 | | 1,040 |
| | 44 | 10/27-11/2 | | | | 537 | | | | | | | 323 | | 860 |
| | 45 | 11/3-11/9 | | | | 363 | | | | | | | 304 | | 667 |
| | 46 | 11/10-11/16 | | | | 86 | | | | | | | | | 86 |
| | 47 | 11/17-11/23 | | | | 125 | | | | | | | | | 125 |
| | 48 | 11/24-11/30 | 178 | | | 371 | | | | | | | | | 549 |
| | 49 | 12/1-12/7 | | | | 97 | | | | | | | | | 97 |
| | 50 | 12/8-12/14 | | | | 70 | | | | | | | | | 70 |
| | 51 | 12/15-12/21 | | | | | | | | | | | | | 0 |
| | 52 | 12/22-12/28 | 226 | | | 90 | | | | | | | 28 | | 344 |
| | 53 | 12/29-12/31 | | | | | | | | | | | | | 0 |
| 1986 | 1 | 1/1-1/4 | | | | | | | | | | | | | 0 |
| | 2 | 1/5-1/11 | 101 | | | | | | | | | | | | 101 |
| | 3 | 1/12-1/18 | 38 | 170 | | 46 | | | | | | | | | 254 |
| | 4 | 1/19-1/25 | | | | | | | | | | | | | 0 |
| | 5 | 1/26-2/1 | 82 | | | 114 | | | | | | | | | 196 |
| | 6 | 2/2-2/8 | 82 | | | 187 | | | | | | | | | 269 |
| | 7 | 2/9-2/15 | 33 | | | 570 | | | | | | | | | 603 |
| | 8 | 2/16-2/22 | 94 | | | | | | | | | | | | 94 |
| | 9 | 2/25-3/1 | 62 | | | | | | | | | | | | 62 |
| | 10 | 3/2-3/8 | 55 | | | 86 | | | | | | | | | 141 |
| | 11 | 3/9-3/15 | 246 | | | 61 | | | | | | | | | 307 |
| | 12 | 3/16-3/22 | 505 | | | 590 | | | | | | | | | 1,095 |
| | 13 | 3/23-3/29 | 61 | | | 160 | | | | | | | 42 | | 263 |
| | 14 | 3/30-4/5 | 104 | | | 42 | | | | | | | 158 | | 304 |
| | 15 | 4/6-4/12 | | | | 165 | | | | | | | | | 165 |
| | 16 | 4/13-4/19 | 414 | 112 | | | | | | | | | | | 526 |
| Winter District Total | | | 2,408 | 282 | 0 | 7,541 | 0 | 0 | 0 | 0 | 0 | 0 | 1,731 | 0 | 11,962 |
| Area Total | | | | 2,690 | | | | | | | 9,272 | | | | |
| | 23 | 6/1-6/7 | | | | | | | | | | | | | 0 |
| | 24 | 6/8-6/14 | | | | | | | | | | | | | 0 |
| | 25 | 6/15-6/21 | 1,223 | 986 | | 3,448 | 2,159 | 294 | | | | | 221 | | 8,331 |
| | 26 | 6/22-6/28 | 6,063 | 5,377 | | 14,822 | 4,920 | 995 | | | | | 2,327 | | 34,504 |
| | 27 | 6/29-7/5 | 5,890 | 2,391 | | 15,258 | 3,220 | 502 | | | 115 | | 2,049 | | 29,425 |
| | 28 | 7/6-7/12 | 6,156 | 3,627 | | 18,698 | 4,609 | 326 | | | | | 4,191 | | 37,607 |
| | 29 | 7/13-7/19 | 3,095 | 1,778 | | 15,602 | 5,137 | 403 | | | | | 2,466 | | 28,481 |
| | 30 | 7/20-7/26 | | | | | 118 | | | | | | | | 118 |
| | 31 | 7/27-8/2 | | | | | 16 | | | | | | | | 16 |
| | 32 | 8/3-8/9 | | | | | | | | | | | | | 0 |
| | 33 | 8/10-8/16 | | | | | | | | | | | | | 0 |
| | 34 | 8/17-8/23 | 406 | 1,258 | | 12,784 | 2,075 | 113 | | | | 669 | 512 | | 17,817 |
| | 35 | 8/24-8/30 | 911 | 1,591 | | 11,022 | 5,099 | 1,307 | | | | 573 | 1,205 | | 21,708 |
| | 36 | 8/31-9/6 | 209 | 2,152 | | 7,790 | 5,158 | 453 | | | | 452 | 2,110 | | 18,324 |
| | 37 | 9/7-9/13 | 94 | 217 | | 2,588 | 4,069 | 248 | | | | 278 | 821 | 33 | 8,348 |
| Summer District Total | | | 24,047 | 19,377 | 0 | 102,012 | 36,580 | 4,641 | 0 | 0 | 115 | 1,972 | 15,902 | 33 | 204,679 |
| Area Total | | | | 43,424 | | | | | | | 161,255 | | | | |
| Season Total | | | 26,455 | 19,659 | 0 | 109,553 | 53,001[a] | 4,641 | 0 | 0 | 115 | 1,972 | 17,633 | 33 | 233,062 |

[a] District 114 winter troll total is included in the Northwest Quadrant District 114 season total.

Appendix A.5. Purse seine harvest in pounds, of 28 inch or larger chinook salmon in Southeast Alaska by district and statistical week, 1986.

| Stat. Week | Date | 101 | 102 | 104 | 105 | 106 | 109 | 112 | 113 | 114 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 6/30-7/6 | 2,691 | | | | | | 520 | | | 3,211 |
| 28 | 7/7-7/13 | 672 | | | | | | 3,225 | | 52 | 3,949 |
| 29 | 7/14-7/20 | | | | | | | 2,163 | | 10 | 2,173 |
| 30 | 7/21-7/27 | 142 | | | | | | 821 | 12 | | 1,254 |
| 31 | 7/28-8/3 | 14,579 | 2,985 | 73,094 | | | | 1,618 | | | 92,403 |
| 32 | 8/4-8/10 | 8,870 | 1,340 | 134,600 | 24 | | 862 | 745 | | | 146,441 |
| 33 | 8/11-8/17 | 163 | 27 | 319 | | | 64 | | | | 573 |
| 34 | 8/18-8/24 | 11 | | | | | | | | | 11 |
| 35 | 8/25-8/31 | | | | 36 | 126 | | | | | 162 |
| 39 | 9/21-9/27 | | | 80 | | | | | | | 80 |
| District Totals | | 27,128 | 4,352 | 208,372 | 60 | 126 | 926 | 9,092 | 139 | 62 | 250,257 |

Appendix A.6. Gill net harvest in pounds of chinook salmon in Southeast Alaska by district and statistical week, 1986.

| Stat. Week | Date | 101 | 106 | 108 | 111 | 115 | Total |
|---|---|---|---|---|---|---|---|
| 24 | 6/8-6/14 | | | 56 | | | 56 |
| 25 | 6/15-6/21 | 4,019 | 1,913 | 374 | 6,989 | 2,361 | 15,656 |
| 26 | 6/22-6/28 | 2,355 | 1,565 | 16 | 3,760 | 98 | 7,794 |
| 27 | 6/30-7/6 | 5,563 | 1,301 | | 3,447 | 1,115 | 11,426 |
| 28 | 7/7-7/13 | 1,413 | | | 4,472 | 1,898 | 7,783 |
| 29 | 7/14-7/20 | 2,794 | 1,092 | | 2,860 | 3,378 | 10,124 |
| 30 | 7/21-7/27 | 1,768 | 2,415 | 318 | 1,484 | 374 | 6,359 |
| 31 | 7/28-8/3 | 611 | 4,035 | 153 | 1,706 | 185 | 6,690 |
| 32 | 8/4-8/10 | 429 | 1,347 | 16 | 615 | 770 | 3,177 |
| 33 | 8/11-8/17 | 304 | 459 | 22 | 279 | 2,017 | 3,081 |
| 34 | 8/18-8/24 | 256 | 511 | 147 | 116 | 2,418 | 3,448 |
| 35 | 8/25-8/31 | 63 | 698 | 46 | 426 | 1,819 | 3,052 |
| 36 | 8/31-9/6 | 8 | 466 | 55 | 282 | 817 | 1,628 |
| 37 | 9/7-9/13 | 103 | 776 | 75 | 80 | 1,726 | 2,760 |
| 38 | 9/14-9/20 | 51 | 349 | | 249 | 1,679 | 2,328 |
| 39 | 9/21-9/27 | | 321 | | | 1,403 | 1,724 |
| 40 | 9/28-10/4 | | | | | 428 | 428 |
| 41 | 10/5-10/11 | | | | | 391 | 391 |
| District | Totals | 19,737 | 17,248 | 1,278 | 26,765 | 22,877 | 87,905 |

Appendix A7. Average weight (lb) of chinook salmon harvested in Southeast Alaska by hand and power troll by district and statistical week, 1 October 1985 to 20 September 1986.

| | | | Southwest Quadrant | | | Northwest Quadrant | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Stat. Week | Inclusive Dates | 103 | 104 | 152 | 113 | 114 | 116 | 154 | 156 | 157 | 181 | 183 | 186 | 189 | Total |
| 1985 | 40 | 9/29-10/5 | 16.6 | 13.5 | | 13.8 | | | | | | | | | | 14.6 |
| | 41 | 10/6-10/12 | 8.3 | | | 15.2 | | | | | | | | | | 11.8 |
| | 42 | 10/13-10/19 | | | | 16.2 | | | | | | | | | | 16.2 |
| | 43 | 10/20-10/26 | 11.0 | | | 15.6 | | | | | | | | | | 13.3 |
| | 44 | 10/27-11/2 | 15.6 | | | 14.6 | | | | | | | | | | 15.1 |
| | 45 | 11/3-11/9 | | 10.0 | | 15.6 | | | | | | | | | | 12.8 |
| | 46 | 11/10-11/16 | | | | 16.5 | | | | | | | | | | 16.5 |
| | 47 | 11/17-11/23 | | | | 16.4 | | | | | | | | | | 16.4 |
| | 48 | 11/24-11/30 | | | | 17.6 | | | | | | | | | | 17.6 |
| | 49 | 12/1-12/7 | | | | 17.5 | | | | | | | | | | 17.5 |
| | 50 | 12/8-12/14 | | | | 15.5 | | | | | | | | | | 15.5 |
| | 51 | 12/15-12/21 | | | | 14.7 | | | | | | | | | | 14.7 |
| | 52 | 12/22-12/28 | | | | 19.0 | | | | | | | | | | 19.0 |
| | 53 | 12/29-12/31 | | | | 11.1 | | | | | | | | | | 11.1 |
| 1986 | 1 | 1/1-1/4 | | 13.3 | | 16.8 | | | | | | | | | | 15.1 |
| | 2 | 1/5-1/11 | | | | 11.8 | | | | | | | | | | 11.8 |
| | 3 | 1/12-1/18 | 14.1 | | | 19.9 | | | | | | | | | | 17.0 |
| | 4 | 1/19-1/25 | 11.9 | 12.0 | | 15.1 | | | | | | | | | | 13.0 |
| | 5 | 1/26-2/1 | 16.1 | 15.4 | | 16.2 | | | | | | | | | | 15.9 |
| | 6 | 2/2-2/8 | 16.1 | 12.1 | | 21.0 | | | | | | | | | | 16.4 |
| | 7 | 2/9-2/15 | 17.1 | 18.6 | | 19.4 | | | | | | | | | | 18.4 |
| | 8 | 2/16-2/22 | 18.8 | 14.6 | | 22.4 | | | | | | | | | | 18.6 |
| | 9 | 2/23-3/1 | 14.3 | 18.9 | | 23.1 | | | | | | | | | | 18.8 |
| | 10 | 3/2-3/8 | 18.3 | 19.3 | | 18.4 | | | | | | | | | | 18.7 |
| | 11 | 3/9-3/15 | 18.9 | | | 23.0 | | | | | | | | | | 20.9 |
| | 12 | 3/16-3/22 | 19.1 | 14.5 | | 22.7 | | | | | | | | | | 18.8 |
| | 13 | 3/23-3/29 | 28.6 | 18.7 | | 24.0 | | | | | | | | | | 23.8 |
| | 14 | 3/30-4/5 | 17.6 | 15.3 | | 19.3 | | | | | | | | | | 17.4 |
| | 15 | 4/6-4/12 | 16.1 | 14.0 | | 16.9 | | | | | | | | | | 15.7 |
| | 16 | 4/13-4/19 | 22.1 | 17.2 | | 21.3 | | 13.3 | | | | | | | | 18.5 |
| Winter | District Total | | 17.5 | 15.2 | | 16.7 | | 13.3 | | | | | | | | 15.7 |
| | Area Total | | | 16.9 | | | | | | | 16.4 | | | | | |
| | 23 | 6/1-6/7 | | | | | | | | | | | | | | |
| | 24 | 6/8-6/14 | | | | | | | | | | | | | | |
| | 25 | 6/15-6/21 | 15.9 | 18.9 | | 18.5 | 13.7 | 17.0 | | | 20.2 | | 14.4 | | | 17.0 |
| | 26 | 6/22-6/28 | 15.3 | 16.6 | 12.1 | 18.2 | 14.3 | 16.5 | | 22.4 | 20.1 | | 14.9 | | | 16.7 |
| | 27 | 6/29-7/5 | 15.6 | 18.2 | | 19.0 | 13.9 | 18.0 | 24.4 | 21.5 | 20.9 | | 14.9 | | 15.9 | 18.2 |
| | 28 | 7/6-7/12 | 15.4 | 17.6 | | 18.7 | 15.2 | 16.5 | 19.7 | 17.9 | 18.9 | | 15.7 | | | 17.3 |
| | 29 | 7/13-7/19 | 15.5 | 20.0 | 22.0 | 18.7 | 14.2 | 14.4 | 17.3 | | 19.9 | 17.7 | 16.2 | 20.5 | 16.3 | 17.7 |
| | 30 | 7/20-7/26 | | | | 20.8 | | | | | | | 12.5 | | | 16.7 |
| | 31 | 7/27-8/2 | | | | 16.0 | 14.7 | | | | | | | | | 15.3 |
| | 32 | 8/3-8/9 | | | | | | | | | | | | | | |
| | 33 | 8/10-8/16 | | | | | | | | | | | | | | |
| | 34 | 8/17-8/23 | 14.5 | 19.6 | | 19.0 | 13.0 | 14.9 | | | | 16.8 | 14.9 | | | 16.1 |
| | 35 | 8/24-8/30 | 13.9 | 17.5 | | 19.4 | 14.3 | 15.2 | 22.5 | 16.6 | 21.2 | 16.0 | 15.1 | | 16.1 | 17.1 |
| | 36 | 8/31-9/6 | 15.2 | 19.7 | | 20.5 | 15.8 | 16.0 | | | 11.7 | 17.7 | 15.6 | 19.2 | 17.2 | 16.8 |
| | 37 | 9/7-9/13 | 11.9 | 18.4 | | 20.1 | 17.3 | 18.1 | 24.5 | 18.8 | 16.4 | 18.0 | 14.6 | | 16.9 | 17.7 |
| | 38 | 9/14-9/20 | | | | | 14.0 | | | | | | | | | 14.0 |
| Summer | District Total | | 15.2 | 17.9 | 13.0 | 19.0 | 14.9 | 16.4 | 18.4 | 19.2 | 20.3 | 17.2 | 15.4 | 20.2 | 16.6 | 17.2 |
| | Area Total | | | 17.4 | | | | | | | 18.7 | | | | | |
| Season Total | | | 15.7 | 17.8 | 13.0 | 18.9 | 15.1 | 16.4 | 18.4 | 19.2 | 20.3 | 17.2 | 15.2 | 20.2 | 16.6 | 17.2 |

Appendix A.7. (page 2 of 2)

| Year | Stat. Week | Inclusive Dates | Southeast Quadrant 101 | 102 | 105 | 106 | 107 | 108 | Northeast Quadrant 109 | 110 | 111 | 112 | 114 | 115 | Total | Grand Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | 40 | 9/29-10/5 | 15.4 | 12.7 | | 12.1 | 12.6 | 12.5 | | 11.4 | | | 14.2 | | 13.0 | 13.3 |
| | 41 | 10/6-10/12 | 12.3 | 12.5 | | 12.1 | 12.1 | 11.2 | 13.1 | 12.6 | | 18.6 | 13.1 | | 13.1 | 12.8 |
| | 42 | 10/13-10/19 | 12.2 | 11.5 | 13.5 | 12.3 | 10.2 | 12.0 | 13.7 | 14.1 | | 19.6 | 12.6 | | 13.1 | 13.0 |
| | 43 | 10/20-10/26 | 11.1 | 12.3 | | 14.2 | 14.0 | 12.6 | 13.9 | 11.3 | 17.0 | | 13.2 | | 13.3 | 13.4 |
| | 44 | 10/27-11/2 | 12.9 | 12.9 | | 14.0 | | 13.1 | 13.5 | 12.8 | | 14.0 | 14.5 | | 13.5 | 13.2 |
| | 45 | 11/3-11/9 | 10.4 | 13.0 | | 15.4 | 11.9 | 12.8 | 16.1 | 13.7 | | | 13.9 | | 13.4 | 14.1 |
| | 46 | 11/10-11/16 | 12.3 | 16.9 | | | | 13.3 | 13.5 | 12.1 | | 18.2 | 13.2 | | 14.2 | 13.8 |
| | 47 | 11/17-11/23 | | | | | | 11.8 | 15.0 | | | | | | 13.4 | 13.3 |
| | 48 | 11/24-11/30 | 15.0 | | | | | | 16.1 | 18.8 | | | 15.0 | | 16.2 | 16.2 |
| | 49 | 12/1-12/7 | 15.0 | | | | 13.1 | 13.4 | | | | | | | 13.9 | 17.1 |
| | 50 | 12/8-12/14 | 15.0 | | | | 14.0 | | 20.1 | | | | 16.5 | | 16.4 | 15.9 |
| | 51 | 12/15-12/21 | 8.0 | | | | 12.9 | | | | | 15.3 | | | 12.0 | 16.3 |
| | 52 | 12/22-12/28 | | | | | | 14.4 | | | | | 14.1 | | 14.3 | 15.7 |
| | 53 | 12/29-12/31 | | | | | | | | | | | | | | 13.1 |
| 1986 | 1 | 1/1-1/4 | | | | 12.8 | | 12.1 | | | | 29.3 | | | 18.1 | 14.4 |
| | 2 | 1/5-1/11 | | | | | | 13.2 | | | | 12.8 | | | 13.0 | 16.2 |
| | 3 | 1/12-1/18 | | 14.5 | | | 10.0 | 12.4 | | 15.0 | | | 17.9 | | 14.0 | 16.7 |
| | 4 | 1/19-1/25 | | | | | | 12.8 | 14.4 | 19.1 | | | 16.2 | | 15.6 | 14.1 |
| | 5 | 1/26-2/1 | 9.0 | | | 9.0 | | 16.0 | 18.6 | 13.1 | | | 18.2 | | 14.0 | 16.2 |
| | 6 | 2/2-2/8 | 10.3 | 14.3 | | | 12.4 | 11.9 | 18.1 | | | 13.7 | 19.4 | | 14.3 | 15.7 |
| | 7 | 2/9-2/15 | 14.6 | 12.4 | 22.4 | 18.5 | | 12.0 | 15.7 | | | | 19.2 | | 16.4 | 17.9 |
| | 8 | 2/16-2/22 | 12.7 | 12.2 | | 18.0 | | | | | | | | | 14.3 | 17.1 |
| | 9 | 2/23-3/1 | 15.5 | 15.2 | | | | 14.6 | | 17.0 | | 10.0 | | | 14.5 | 17.4 |
| | 10 | 3/2-3/8 | 14.1 | 14.5 | | | | 15.1 | 13.5 | 27.0 | | | | | 16.8 | 16.0 |
| | 11 | 3/9-3/15 | 14.6 | 12.2 | | 18.1 | | 15.4 | 17.0 | | 16.2 | 13.3 | 19.5 | | 15.8 | 16.7 |
| | 12 | 3/16-3/22 | 11.4 | 12.8 | 15.5 | 15.7 | | 13.0 | 16.5 | 13.0 | | | 17.0 | | 14.4 | 16.4 |
| | 13 | 3/23-3/29 | 13.2 | 12.5 | 16.7 | 16.5 | | 13.3 | 13.9 | 23.6 | | | 19.0 | | 16.1 | 17.6 |
| | 14 | 3/30-4/5 | 12.1 | 11.9 | 15.9 | 15.0 | | 15.2 | 19.4 | 15.9 | | | 17.1 | | 15.3 | 15.9 |
| | 15 | 4/6-4/12 | 10.6 | 12.2 | 15.7 | 17.8 | 11.0 | 12.6 | 18.3 | 16.5 | | | 17.9 | | 14.7 | 15.0 |
| | 16 | 4/13-4/19 | 11.5 | 13.6 | 15.8 | 14.4 | | 13.8 | 19.1 | 10.3 | | | 16.8 | | 14.4 | 17.0 |
| Winter District Total | | | 12.2 | 12.5 | 15.9 | 14.1 | 12.4 | 12.8 | 14.5 | 12.9 | 16.9 | 17.5 | 15.6 | | 14.3 | 14.3 |
| | Area Total | | | | | 13.0 | | | | | | 14.3 | | | 9.1 | |
| | 23 | 6/1-6/7 | 16.6 | | | 15.9 | | | 16.4 | | | | | | 16.3 | 16.3 |
| | 24 | 6/8-6/14 | 16.1 | | | 17.1 | | | 12.4 | | | | | | 15.2 | 13.1 |
| | 25 | 6/15-6/21 | 17.0 | | 16.9 | 16.1 | 13.4 | | 13.1 | 12.6 | | 14.0 | | 10.0 | 14.1 | 16.5 |
| | 26 | 6/22-6/28 | 12.6 | 12.4 | 14.8 | 12.7 | 14.1 | | 14.0 | 13.9 | 12.9 | 13.5 | | 17.3 | 13.8 | 16.7 |
| | 27 | 6/29-7/5 | 11.9 | 12.6 | 14.7 | 14.0 | 13.9 | | 13.8 | 13.1 | | 13.9 | | 12.5 | 13.4 | 18.0 |
| | 28 | 7/6-7/12 | 11.2 | 12.9 | 14.9 | 12.4 | 14.1 | | 14.4 | 13.5 | | 14.7 | | | 13.5 | 17.4 |
| | 29 | 7/13-7/19 | 10.5 | 13.0 | 18.4 | 12.8 | | 20.3 | 14.6 | 14.4 | 14.4 | 16.2 | | | 15.0 | 17.6 |
| | 30 | 7/20-7/26 | | | | | | | 18.7 | | | | | | 18.7 | 18.9 |
| | 31 | 7/27-8/2 | | | | | | | | | | | | | | 14.9 |
| | 32 | 8/3-8/9 | | | | | | | 11.3 | | | | | | 11.3 | 11.3 |
| | 33 | 8/10-8/16 | | | | | | | | | | | | | | |
| | 34 | 8/17-8/23 | 9.6 | 10.4 | | 11.9 | 13.3 | | 16.9 | 11.7 | | 12.6 | | | 12.3 | 17.5 |
| | 35 | 8/24-8/30 | 10.9 | 11.3 | 14.8 | 12.1 | | | 14.4 | 13.4 | 13.7 | 12.7 | | | 12.9 | 17.2 |
| | 36 | 8/31-9/6 | 11.4 | 11.5 | 13.3 | 12.4 | 15.7 | 9.9 | 13.8 | 12.7 | 12.5 | 12.7 | | | 12.6 | 18.0 |
| | 37 | 9/7-9/13 | 10.8 | 11.2 | 11.1 | 11.1 | 11.1 | | 16.9 | 12.9 | 14.6 | 12.4 | | | 12.4 | 17.5 |
| | 38 | 9/14-9/20 | | | | | | | | | | 12.2 | | | 12.2 | 13.4 |
| Summer District Total | | | 11.3 | 12.3 | 15.2 | 12.6 | 14.0 | 13.2 | 14.1 | 13.5 | 13.9 | 13.4 | | 12.4 | 13.3 | 17.4 |
| | Area Total | | | | | 12.5 | | | | | | 13.8 | | | | |
| Season Total | | | 11.5 | 12.3 | 15.4 | 12.8 | 13.6 | 12.9 | 14.2 | 13.3 | 14.6 | 13.7 | | 12.4 | 13.3 | 17.2 |

Appendix A8. Average weight (lb) of chinook salmon harvested in Southeast Alaska by power troll gear by district and statistical week, 1 October 1985 to 20 September 1986.

| | | | Southwest Quadrant | | | Northwest Quadrant | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Year | Stat. Week | Inclusive Dates | 103 | 104 | 152 | 113 | 114 | 116 | 154 | 156 | 157 | 181 | 183 | 186 | 189 | Total |
| 1985 | 40 | 9/29-10/5 | 16.6 | 13.5 | | 13.6 | | | | | | | | | | 14.6 |
| | 41 | 10/6-10/12 | 8.3 | | | 15.5 | | | | | | | | | | 11.9 |
| | 42 | 10/13-10/19 | | | | 17.0 | | | | | | | | | | 17.0 |
| | 43 | 10/20-10/26 | 11.0 | | | 15.7 | | | | | | | | | | 13.4 |
| | 44 | 10/27-11/2 | 15.6 | | | 15.8 | | | | | | | | | | 15.7 |
| | 45 | 11/3-11/9 | | 10.0 | | 15.3 | | | | | | | | | | 12.7 |
| | 46 | 11/10-11/16 | | | | 18.7 | | | | | | | | | | 18.7 |
| | 47 | 11/17-11/23 | | | | 15.4 | | | | | | | | | | 15.4 |
| | 48 | 11/24-11/30 | | | | 16.4 | | | | | | | | | | 16.4 |
| | 49 | 12/1-12/7 | | | | 17.6 | | | | | | | | | | 17.6 |
| | 50 | 12/8-12/14 | | | | 15.4 | | | | | | | | | | 15.4 |
| | 51 | 12/15-12/21 | | | | 14.7 | | | | | | | | | | 14.7 |
| | 52 | 12/22-12/28 | | | | 19.1 | | | | | | | | | | 19.1 |
| | 53 | 12/29-12/31 | | | | 11.1 | | | | | | | | | | 11.1 |
| 1986 | 1 | 1/1-1/4 | | 13.3 | | 16.8 | | | | | | | | | | 15.1 |
| | 2 | 1/5-1/11 | | | | 11.8 | | | | | | | | | | 11.8 |
| | 3 | 1/12-1/18 | 15.3 | | | 19.4 | | | | | | | | | | 17.3 |
| | 4 | 1/19-1/25 | 11.9 | 12.0 | | 15.1 | | | | | | | | | | 13.0 |
| | 5 | 1/26-2/1 | 16.2 | 15.4 | | 18.9 | | | | | | | | | | 16.8 |
| | 6 | 2/2-2/8 | 16.1 | 12.1 | | 21.1 | | | | | | | | | | 16.4 |
| | 7 | 2/9-2/15 | 17.1 | 18.6 | | 20.0 | | | | | | | | | | 18.6 |
| | 8 | 2/16-2/22 | 18.8 | 14.6 | | 22.4 | | | | | | | | | | 18.6 |
| | 9 | 2/23-3/1 | 14.8 | 18.9 | | 23.1 | | | | | | | | | | 19.0 |
| | 10 | 3/2-3/8 | 20.5 | 19.3 | | 16.1 | | | | | | | | | | 18.6 |
| | 11 | 3/9-3/15 | 19.0 | | | 25.7 | | | | | | | | | | 22.3 |
| | 12 | 3/16-3/22 | 18.7 | 14.5 | | 25.1 | | | | | | | | | | 19.4 |
| | 13 | 3/23-3/29 | 32.1 | 18.7 | | 23.3 | | | | | | | | | | 24.7 |
| | 14 | 3/30-4/5 | 17.9 | 15.3 | | 19.8 | | | | | | | | | | 17.7 |
| | 15 | 4/6-4/12 | 16.1 | 14.0 | | 17.2 | | | | | | | | | | 15.8 |
| | 16 | 4/13-4/19 | 23.3 | 21.5 | | 21.3 | | 13.3 | | | | | | | | 19.8 |
| Winter District Total | | | 17.6 | 15.2 | | 16.9 | | 13.3 | | | | | | | | 15.8 |
| Area Total | | | | 16.9 | | | | | | | 16.9 | | | | | |
| | 23 | 6/1-6/7 | | | | | | | | | | | | | | |
| | 24 | 6/8-6/14 | | | | | | | | | | | | | | |
| | 25 | 6/15-6/21 | 17.0 | 18.3 | | 19.1 | 13.2 | 16.6 | | | 20.2 | | 15.5 | | | 17.1 |
| | 26 | 6/22-6/28 | 15.1 | 16.6 | 12.1 | 18.3 | 15.0 | 16.4 | | 22.4 | 20.1 | | 15.2 | | | 16.8 |
| | 27 | 6/29-7/5 | 13.9 | 18.2 | | 19.1 | 15.5 | 18.1 | 24.4 | 21.5 | 20.9 | | 15.1 | | 15.9 | 18.3 |
| | 28 | 7/6-7/12 | 12.7 | 17.5 | | 18.8 | 18.0 | 16.6 | 19.7 | 17.9 | 18.9 | | 15.7 | | | 17.3 |
| | 29 | 7/13-7/19 | 15.2 | 20.1 | 22.0 | 18.7 | 14.5 | 14.2 | 17.3 | | 19.9 | 17.7 | 18.1 | 20.5 | 16.3 | 17.9 |
| | 30 | 7/20-7/26 | | | | 20.8 | | | | | | | 12.5 | | | 16.7 |
| | 31 | 7/27-8/2 | | | | 16.0 | 15.0 | | | | | | | | | 15.5 |
| | 32 | 8/3-8/9 | | | | | | | | | | | | | | |
| | 33 | 8/10-8/16 | | | | | | | | | | | | | | |
| | 34 | 8/17-8/23 | 16.0 | 19.6 | | 19.0 | 13.3 | 14.8 | | | | 17.6 | 16.9 | | | 16.7 |
| | 35 | 8/24-8/30 | 13.2 | 17.4 | | 19.4 | 16.7 | 15.1 | 22.5 | 16.6 | 21.2 | 16.1 | 15.6 | | 16.1 | 17.3 |
| | 36 | 8/31-9/6 | 15.5 | 19.6 | | 20.6 | 17.6 | 16.1 | | | 11.7 | 17.8 | 15.4 | 19.2 | 17.2 | 17.1 |
| | 37 | 9/7-9/13 | 12.0 | 18.3 | | 20.2 | 17.6 | 18.2 | 24.5 | 18.8 | 16.4 | 18.2 | 15.1 | | 16.9 | 17.8 |
| | 38 | 9/14-9/20 | | | | | 14.0 | | | | | | | | | 14.0 |
| Summer District Total | | | 14.3 | 17.9 | 13.0 | 19.0 | 16.2 | 16.4 | 18.4 | 19.2 | 20.3 | 17.3 | 15.7 | 20.2 | 16.6 | 17.3 |
| Area Total | | | | 17.4 | | | | | | | 18.8 | | | | | |
| Season Total | | | 15.3 | 17.8 | 13.0 | 19.0 | 15.7 | 16.3 | 18.4 | 19.2 | 20.3 | 17.3 | 15.7 | 20.2 | 16.6 | 17.3 |

Appendix A.8. (page 2 of 2)

| Year | Stat. Week | Inclusive Dates | Southeast Quadrant 101 | 102 | 105 | 106 | 107 | 108 | Northeast Quadrant 109 | 110 | 111 | 112 | 114 | 115 | Total | Grand Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | 40 | 9/29-10/5 | 15.6 | 12.7 | | 11.8 | 13.5 | 11.5 | | 11.2 | | | 14.2 | | 12.9 | 13.1 |
| | 41 | 10/6-10/12 | 12.3 | 12.5 | | 12.1 | 12.2 | 11.0 | 12.9 | 12.6 | | 20.3 | 12.7 | | 13.2 | 12.8 |
| | 42 | 10/13-10/19 | 12.3 | 11.4 | 13.5 | 12.3 | 10.2 | 11.8 | 11.7 | 13.9 | | 19.5 | 12.0 | | 12.8 | 12.7 |
| | 43 | 10/20-10/26 | 11.1 | 12.2 | | 13.3 | 14.1 | 12.3 | 13.2 | 11.1 | 17.0 | | 12.2 | | 13.0 | 13.3 |
| | 44 | 10/27-11/2 | 12.9 | 12.9 | | 13.8 | | 13.2 | 13.1 | 12.7 | | 15.8 | 13.1 | | 13.4 | 13.3 |
| | 45 | 11/3-11/9 | 10.4 | 13.0 | | 15.4 | 11.9 | 12.9 | 15.6 | 14.1 | | | 10.2 | | 13.0 | 14.0 |
| | 46 | 11/10-11/16 | 12.3 | 16.9 | | | | 12.8 | 13.5 | 12.1 | | 19.7 | 13.2 | | 14.3 | 13.8 |
| | 47 | 11/17-11/23 | | | | | | 11.2 | 13.3 | | | | | | 12.2 | 13.1 |
| | 48 | 11/24-11/30 | 15.0 | | | | | | 16.1 | 18.8 | | | 15.0 | | 16.2 | 15.9 |
| | 49 | 12/1-12/7 | 15.0 | | | | 13.0 | 13.5 | | | | | | | 13.8 | 17.3 |
| | 50 | 12/8-12/14 | 16.0 | | | | 14.0 | | 20.1 | | | | 10.7 | | 15.2 | 15.8 |
| | 51 | 12/15-12/21 | 8.0 | | | | 12.9 | | | | | 15.3 | | | 12.0 | 13.9 |
| | 52 | 12/22-12/28 | | | | | | 24.0 | | | | | 14.1 | | 19.1 | 18.1 |
| | 53 | 12/29-12/31 | | | | | | | | | | | | | | 11.1 |
| 1986 | 1 | 1/1-1/4 | | | | 12.2 | | 12.1 | | | | 29.3 | | | 17.9 | 13.9 |
| | 2 | 1/5-1/11 | | | | | | 14.0 | | | | 12.8 | | | 13.4 | 12.8 |
| | 3 | 1/12-1/18 | | 14.5 | | | 10.0 | 13.3 | | 15.0 | | | 11.2 | | 12.8 | 15.2 |
| | 4 | 1/19-1/25 | | | | | | 11.0 | 19.0 | 19.1 | | | 19.8 | | 17.2 | 14.2 |
| | 5 | 1/26-2/1 | 9.0 | | | 9.0 | | 11.3 | 18.6 | 14.0 | | | 13.0 | | 12.5 | 16.0 |
| | 6 | 2/2-2/8 | 10.3 | 14.3 | | | 20.0 | 9.0 | 15.7 | | | 13.7 | 18.6 | | 14.5 | 15.5 |
| | 7 | 2/9-2/15 | 20.5 | 12.4 | 22.4 | 19.4 | | 12.0 | 15.8 | | | | 19.9 | | 17.5 | 18.0 |
| | 8 | 2/16-2/22 | 12.7 | 12.2 | | 18.1 | | | | | | | | | 14.3 | 17.5 |
| | 9 | 2/23-3/1 | 12.7 | 15.2 | | | | 15.1 | | 17.0 | | 10.0 | | | 14.0 | 17.9 |
| | 10 | 3/2-3/8 | 14.1 | 14.7 | | | | 10.0 | 13.5 | 27.0 | | | | | 15.8 | 15.3 |
| | 11 | 3/9-3/15 | 14.9 | 12.2 | | 19.3 | | 14.2 | 17.0 | | 16.2 | 13.3 | 19.6 | | 15.8 | 16.4 |
| | 12 | 3/16-3/22 | 11.4 | 12.8 | 15.5 | 15.5 | | 13.5 | 15.2 | 13.0 | | | 16.1 | | 14.1 | 15.8 |
| | 13 | 3/23-3/29 | 13.3 | 12.3 | 16.7 | 16.8 | | 12.6 | 12.9 | 23.6 | | | 17.6 | | 15.7 | 17.1 |
| | 14 | 3/30-4/5 | 12.2 | 11.6 | 16.1 | 11.7 | | 13.3 | 19.4 | 15.8 | | | 16.7 | | 14.6 | 15.7 |
| | 15 | 4/6-4/12 | 10.6 | 12.2 | 15.7 | 18.6 | 11.0 | 12.0 | 18.5 | 13.0 | | | 17.5 | | 14.3 | 14.8 |
| | 16 | 4/13-4/19 | 11.5 | 12.7 | 15.6 | 13.8 | | 12.3 | 19.3 | 10.1 | | | 16.2 | | 13.9 | 16.8 |
| Winter District Total | | | 12.3 | 12.4 | 15.9 | 13.7 | 12.2 | 12.5 | 14.1 | 12.9 | 16.9 | 18.5 | 14.7 | | 14.2 | 14.1 |
| | Area Total | | | | | 12.8 | | | | | | 13.8 | | | | |
| | 23 | 6/1-6/7 | 16.6 | | | 14.1 | | | 16.4 | | | | | | 15.7 | 16.1 |
| | 24 | 6/8-6/14 | 16.1 | | | 16.8 | | | 12.5 | | | | | | 15.1 | 12.9 |
| | 25 | 6/15-6/21 | 16.9 | | 17.7 | 16.4 | 11.5 | | 12.8 | 10.8 | | 11.2 | | 9.8 | 13.4 | 17.3 |
| | 26 | 6/22-6/28 | 11.5 | 12.5 | 14.6 | 12.2 | 15.1 | | 14.4 | 13.7 | 12.9 | 14.1 | | 14.5 | 13.6 | 17.1 |
| | 27 | 6/29-7/5 | 11.5 | 12.6 | 14.2 | 13.9 | 10.8 | | 14.0 | 13.2 | | 14.0 | | 11.3 | 12.8 | 18.4 |
| | 28 | 7/6-7/12 | 11.0 | 12.7 | 15.0 | 12.2 | 15.0 | | 14.0 | 13.8 | | 14.2 | | | 13.5 | 17.6 |
| | 29 | 7/13-7/19 | 10.4 | 13.3 | 19.1 | 13.1 | | 22.7 | 15.2 | 13.9 | 14.4 | 13.8 | | | 15.1 | 17.9 |
| | 30 | 7/20-7/26 | | | | | | | 18.7 | | | | | | 18.7 | 20.2 |
| | 31 | 7/27-8/2 | | | | | | | | | | | | | | 15.2 |
| | 32 | 8/3-8/9 | | | | | | | 11.3 | | | | | | 11.3 | 11.3 |
| | 33 | 8/10-8/16 | | | | | | | | | | | | | | |
| | 34 | 8/17-8/23 | 9.5 | 10.2 | | 12.8 | 11.0 | | 16.1 | 13.9 | | 11.4 | | | 12.1 | 18.3 |
| | 35 | 8/24-8/30 | 10.8 | 11.2 | 14.6 | 12.1 | | | 14.4 | 13.8 | 13.7 | 12.5 | | | 12.9 | 17.5 |
| | 36 | 8/31-9/6 | 11.5 | 11.3 | 13.4 | 12.3 | 14.8 | 9.2 | 13.4 | 12.1 | 12.5 | 11.9 | | | 12.2 | 18.4 |
| | 37 | 9/7-9/13 | 10.8 | 11.2 | 11.0 | 11.0 | 9.0 | | 17.9 | 12.9 | 16.0 | 13.6 | | | 12.6 | 17.8 |
| | 38 | 9/14-9/20 | | | | | | | | | | 12.2 | | | 12.2 | 13.4 |
| Summer District Total | | | 11.1 | 12.3 | 15.2 | 12.4 | 14.5 | 18.2 | 14.2 | 13.5 | 13.8 | 13.4 | | 11.2 | 13.6 | 17.7 |
| | Area Total | | | | | 12.3 | | | | | | 13.9 | | | | |
| Season Total | | | 11.4 | 12.3 | 15.4 | 12.6 | 13.5 | 12.6 | 14.2 | 13.3 | 14.6 | 14.1 | | 11.2 | 13.2 | 17.5 |

Appendix A9. Average weight (lb) of chinook salmon harvested in Southeast Alaska by hand troll gear by district and statistical week, 1 October 1985 to 20 September, 1986.

| Year | Stat. Week | Inclusive Dates | Southwest Quadrant 103 | 104 | 152 | Northwest Quadrant 113 | 114 | 116 | 154 | 156 | 157 | 181 | 183 | 189 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | 40 | 9/29-10/5 | | | | 14.6 | | | | | | | | | 14.6 |
| | 41 | 10/6-10/12 | | | | 13.8 | | | | | | | 10.1 | | 12.0 |
| | 42 | 10/13-10/19 | 14.1 | | | 14.8 | | | | | | | | | 14.5 |
| | 43 | 10/20-10/26 | | | | 14.9 | | | | | | | 10.5 | | 12.7 |
| | 44 | 10/27-11/2 | | | | 12.8 | | | | | | | 11.1 | | 12.0 |
| | 45 | 11/3-11/9 | | | | 17.3 | | | | | | | 16.0 | | 16.6 |
| | 46 | 11/10-11/16 | | | | 12.3 | | | | | | | | | 12.3 |
| | 47 | 11/17-11/23 | | | | 20.8 | | | | | | | | | 20.8 |
| | 48 | 11/24-11/30 | 13.7 | | | 21.8 | | | | | | | | | 17.8 |
| | 49 | 12/1-12/7 | | | | 13.9 | | | | | | | | | 13.9 |
| | 50 | 12/8-12/14 | | | | 17.5 | | | | | | | | | 17.5 |
| | 51 | 12/15-12/21 | | | | | | | | | | | | | |
| | 52 | 12/22-12/28 | 13.3 | | | 18.0 | | | | | | | 9.3 | | 13.5 |
| | 53 | 12/29-12/31 | | | | | | | | | | | | | |
| 1986 | 1 | 1/1-1/4 | | | | | | | | | | | | | |
| | 2 | 1/5-1/11 | 16.8 | | | | | | | | | | | | 16.8 |
| | 3 | 1/12-1/18 | 12.7 | 17.0 | | 23.0 | | | | | | | | | 17.6 |
| | 4 | 1/19-1/25 | | | | | | | | | | | | | |
| | 5 | 1/26-2/1 | 13.7 | | | 12.7 | | | | | | | | | 13.2 |
| | 6 | 2/2-2/8 | 16.4 | | | 20.8 | | | | | | | | | 18.6 |
| | 7 | 2/9-2/15 | 16.5 | | | 17.8 | | | | | | | | | 17.2 |
| | 8 | 2/16-2/22 | 18.8 | | | | | | | | | | | | 18.8 |
| | 9 | 2/25-3/1 | 12.4 | | | | | | | | | | | | 12.4 |
| | 10 | 3/2-3/8 | 13.8 | | | 28.7 | | | | | | | | | 21.2 |
| | 11 | 3/9-3/15 | 17.6 | | | 20.3 | | | | | | | | | 19.0 |
| | 12 | 3/16-3/22 | 21.0 | | | 21.1 | | | | | | | | | 21.1 |
| | 13 | 3/23-3/29 | 20.3 | | | 26.7 | | | | | | | 14.0 | | 20.3 |
| | 14 | 3/30-4/5 | 14.9 | | | 14.0 | | | | | | | 17.6 | | 15.5 |
| | 15 | 4/6-4/12 | | | | 13.8 | | | | | | | | | 13.8 |
| | 16 | 4/13-4/19 | 19.7 | 16.0 | | | | | | | | | | | 17.9 |
| Winter District Total | | | 16.7 | 16.6 | | 15.8 | | | | | | | 11.6 | | 15.2 |
| | Area Total | | | 16.7 | | | | | | | 14.8 | | | | 15.7 |
| | 23 | 6/1-6/7 | | | | | | | | | | | | | |
| | 24 | 6/8-6/14 | | | | | | | | | | | | | |
| | 25 | 6/15-6/21 | 15.9 | 22.4 | | 15.9 | 13.8 | 18.4 | | | | | 13.8 | | 16.7 |
| | 26 | 6/22-6/28 | 15.6 | 15.9 | | 15.9 | 13.3 | 18.4 | | | | | 14.6 | | 15.6 |
| | 27 | 6/29-7/5 | 16.8 | 17.2 | | 17.3 | 12.4 | 16.2 | | | 19.2 | | 14.7 | | 16.3 |
| | 28 | 7/6-7/12 | 17.3 | 17.7 | | 17.5 | 13.5 | 12.5 | | | | | 15.5 | | 15.7 |
| | 29 | 7/13-7/19 | 16.5 | 18.5 | | 18.8 | 13.9 | 20.2 | | | | | 14.3 | | 17.0 |
| | 30 | 7/20-7/26 | | | | | 13.1 | | | | | | | | 13.1 |
| | 31 | 7/27-8/2 | | | | | 8.0 | | | | | | | | 8.0 |
| | 32 | 8/3-8/9 | | | | | | | | | | | | | |
| | 33 | 8/10-8/16 | | | | | | | | | | | | | |
| | 34 | 8/17-8/23 | 14.0 | 19.7 | | 18.9 | 12.8 | 16.1 | | | | 15.2 | 13.5 | | 15.7 |
| | 35 | 8/24-8/30 | 15.7 | 18.7 | | 18.7 | 12.3 | 17.9 | | | | 14.3 | 12.7 | | 15.8 |
| | 36 | 8/31-9/6 | 13.9 | 20.3 | | 20.1 | 13.6 | 14.6 | | | | 14.6 | 15.9 | | 16.1 |
| | 37 | 9/7-9/13 | 11.8 | 19.7 | | 17.7 | 16.3 | 14.6 | | | | 11.6 | 13.2 | 11.0 | 14.5 |
| Summer District Total | | | 16.4 | 17.8 | | 17.8 | 13.5 | 16.9 | | | 19.2 | 14.2 | 14.7 | 11.0 | 15.7 |
| | Area Total | | | 17.0 | | | | | | | 16.2 | | | | |
| Season Total | | | 16.4 | 17.8 | | 17.6 | 14.4 | 16.9 | | | 19.2 | 14.2 | 14.3 | 11.0 | 15.8 |

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| Year | Stat. Week | Inclusive Dates | Southeast Quadrant 101 | 102 | 105 | 106 | 107 | 108 | Northeast Quadrant 109 | 110 | 111 | 112 | 114 | 115 | Total | Grand Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1985 | 40 | 9/29-10/5 | 12.0 | 13.3 | | 13.4 | 11.8 | 14.3 | 11.0 | 26.0 | | 15.7 | 14.3 | | 14.7 | 13.8 |
| | 41 | 10/6-10/12 | 11.7 | 11.6 | | 9.9 | 12.0 | 11.6 | 15.7 | 12.2 | | 15.0 | 13.8 | | 12.6 | 12.8 |
| | 42 | 10/13-10/19 | 11.4 | 12.5 | | 12.4 | 10.0 | 12.4 | 16.6 | 14.4 | | 21.0 | 14.1 | | 13.9 | 14.2 |
| | 43 | 10/20-10/26 | | 15.7 | | 16.2 | 11.5 | 13.1 | 20.1 | 11.7 | | | 14.3 | | 14.6 | 13.8 |
| | 44 | 10/27-11/2 | | | | 15.4 | 13.8 | 12.9 | 15.7 | 13.4 | | 11.7 | 16.4 | | 14.2 | 13.1 |
| | 45 | 11/3-11/9 | 10.0 | | | | | 12.6 | 20.6 | 11.8 | | | 17.9 | | 14.6 | 14.3 |
| | 46 | 11/10-11/16 | | | | | 14.5 | 13.5 | 14.0 | | | 10.3 | | | 13.1 | 13.8 |
| | 47 | 11/17-11/23 | | | | | | 12.3 | 20.0 | | | | | | 16.2 | 13.6 |
| | 48 | 11/24-11/30 | | | | | | 15.0 | | | | | | | 15.0 | 17.5 |
| | 49 | 12/1-12/7 | | | | 26.3 | 13.2 | 13.4 | | | | | 18.4 | | 17.8 | 15.8 |
| | 50 | 12/8-12/14 | 14.0 | | | | | 13.4 | | | | | 17.1 | | 14.8 | 16.1 |
| | 51 | 12/15-12/21 | | | | 15.5 | | 15.7 | | 8.0 | | | 23.3 | | 15.6 | 18.3 |
| | 52 | 12/22-12/28 | 9.0 | | | 16.8 | 15.6 | 14.0 | | | | | | | 13.8 | 14.3 |
| | 53 | 12/29-12/31 | | | | 25.0 | | 15.5 | | | | | | | 20.3 | 16.2 |
| 1986 | 1 | 1/1-1/4 | | | | 13.5 | | | | | | | 18.8 | | 16.1 | 16.3 |
| | 2 | 1/5-1/11 | | | | | | 12.7 | | | | | 18.7 | | 15.7 | 17.5 |
| | 3 | 1/12-1/18 | | | | 15.4 | | 9.0 | | | | | 18.8 | | 14.4 | 17.6 |
| | 4 | 1/19-1/25 | | | | | | 13.0 | 12.8 | | | | 14.8 | | 13.6 | 13.7 |
| | 5 | 1/26-2/1 | | | | | | 17.4 | | 8.0 | | | 18.6 | | 14.7 | 16.6 |
| | 6 | 2/2-2/8 | | | | 18.0 | 11.2 | 12.3 | 19.2 | | | | 26.0 | | 17.3 | 17.4 |
| | 7 | 2/9-2/15 | 13.1 | | | 15.4 | | | 15.4 | | | | 19.1 | | 15.8 | 17.8 |
| | 8 | 2/16-2/22 | | | | 17.3 | | 14.1 | | | | | 13.0 | | 14.8 | 15.4 |
| | 9 | 2/25-3/1 | 24.0 | | | 21.0 | | 14.3 | | | | | | | 19.8 | 15.0 |
| | 10 | 3/2-3/8 | | 9.5 | | 16.6 | | 15.9 | | | | 22.0 | 23.4 | | 17.5 | 19.6 |
| | 11 | 3/9-3/15 | 10.3 | | | 16.7 | | 16.3 | | 17.2 | | | 19.4 | | 16.0 | 17.9 |
| | 12 | 3/16-3/22 | | | 21.0 | 17.0 | | 12.1 | 26.2 | | | | 22.6 | | 19.8 | 19.4 |
| | 13 | 3/23-3/29 | 8.0 | 14.8 | | 15.6 | | 15.1 | 22.0 | | | | 21.8 | | 16.2 | 20.2 |
| | 14 | 3/30-4/5 | 9.5 | 15.3 | 12.0 | 16.2 | | 16.3 | | 16.1 | | | 18.7 | | 14.9 | 16.7 |
| | 15 | 4/6-4/12 | | | | 13.4 | | 12.6 | 13.0 | 17.3 | | | 18.5 | | 15.0 | 16.1 |
| | 16 | 4/13-4/19 | | 16.3 | 19.0 | 26.0 | | 14.3 | 17.2 | 16.0 | | | 18.4 | | 18.2 | 17.9 |
| Winter | District Total | | 11.8 | 13.2 | 16.5 | 15.6 | 13.0 | 13.4 | 17.1 | 13.3 | | 14.6 | 17.2 | | 14.6 | 15.0 |
| | Area Total | | | | | 13.6 | | | | | | 16.3 | | | 14.9 | |
| | 23 | 6/1-6/7 | | | | 16.7 | | | 16.6 | | | | | | 16.6 | 16.6 |
| | 24 | 6/8-6/14 | | | | 17.3 | | | 10.8 | | | | | | 14.0 | 14.3 |
| | 25 | 6/15-6/21 | 17.2 | 15.3 | 14.3 | 15.9 | 16.0 | | 13.6 | 14.5 | | 14.1 | | 12.0 | 14.8 | 15.1 |
| | 26 | 6/22-6/28 | 15.3 | 12.0 | 15.3 | 15.8 | 13.6 | 12.0 | 13.3 | 14.2 | | 13.4 | | 23.0 | 14.8 | 14.3 |
| | 27 | 6/29-7/5 | 13.3 | 12.6 | 16.5 | 14.3 | 14.2 | 8.3 | 13.0 | 12.9 | | 13.8 | | 15.4 | 13.4 | 14.8 |
| | 28 | 7/6-7/12 | 11.8 | 14.8 | 14.5 | 13.2 | 14.0 | | 15.6 | 12.6 | 17.8 | 14.9 | | | 14.4 | 15.4 |
| | 29 | 7/13-7/19 | 11.3 | 11.8 | 11.0 | 12.2 | 13.2 | 12.3 | 13.3 | 14.9 | | 16.3 | | | 12.9 | 15.2 |
| | 30 | 7/20-7/26 | | | | | | | | | | | | | | 13.1 |
| | 31 | 7/27-8/2 | | | | | | | | | | | | | | 8.0 |
| | 32 | 8/3-8/9 | | | | | | | | | | | | | | |
| | 33 | 8/10-8/16 | 10.0 | | | | | | | | | | | | 10.0 | 10.0 |
| | 34 | 8/17-8/23 | 10.0 | 12.4 | | 11.3 | 13.6 | | 17.8 | 11.3 | | 12.6 | | | 12.7 | 15.6 |
| | 35 | 8/24-8/30 | 11.0 | 11.7 | 17.1 | 12.0 | 13.7 | 10.1 | 14.5 | 12.3 | | 12.8 | | | 12.8 | 14.6 |
| | 36 | 8/31-9/6 | 11.1 | 12.2 | 10.0 | 12.4 | 17.8 | 13.5 | 14.3 | 13.4 | | 13.0 | | | 13.1 | 15.3 |
| | 37 | 9/7-9/13 | 10.8 | 12.6 | 12.0 | 12.7 | 11.3 | 10.0 | 14.0 | 12.6 | 13.4 | 11.9 | | | 12.1 | 14.3 |
| Summer | District Total | | 12.2 | 12.5 | 15.1 | 13.0 | 13.8 | 10.0 | 13.9 | 13.6 | 14.3 | 13.5 | | 15.5 | 13.4 | 14.9 |
| | Area Total | | | | | 13.0 | | | | | | 13.7 | | | | |
| Season Total | | | 12.2 | 12.6 | 15.2 | 13.4 | 13.7 | 13.2 | 14.0 | 13.6 | 14.3 | 13.5 | | 15.5 | 13.7 | 14.9 |

Appendix A.10. Average weight (lb) of 28 inch or larger chinook salmon harvested by purse seine gear in Southeast Alaska by district and statistical week, 1986.

| Stat. Week | Date | 101 | 102 | 104 | 105 | 106 | 109 | 112 | 113 | 114 | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 | 6/30-7/6 | 16.7 | | | | | | 13.0 | | | 16.0 |
| 28 | 7/7-7/13 | 18.2 | | | | | | 13.8 | | 10.4 | 14.3 |
| 29 | 7/14-7/20 | | | | | | | 14.0 | | 5.0 | 13.9 |
| 30 | 7/21-7/27 | 28.4 | | 21.5 | | | | 17.8 | 12.0 | | 19.3 |
| 31 | 7/28-8/3 | 17.0 | 13.7 | 24.0 | | | | 17.0 | 11.5 | | 21.9 |
| 32 | 8/4-8/10 | 13.8 | 18.9 | 21.2 | 24.0 | | 16.6 | 6.9 | | | 20.3 |
| 33 | 8/11-8/17 | 16.3 | 9.0 | 24.5 | | | 16.0 | | | | 19.1 |
| 34 | 8/18-8/24 | 11.0 | | | | | | | | | 11.0 |
| 35 | 8/25-8/31 | | | | 12.0 | 11.5 | | | | | 11.6 |
| 39 | 9/21-9/27 | | | 20.0 | | | | | | | 20.0 |
| District Totals | | 15.9 | 14.9 | 22.1 | 15.0 | 11.5 | 16.5 | 13.4 | 11.6 | 8.9 | 20.5 |

Appendix A.11. Average weight (lb) of chinook salmon harvested in Southeast Alaska by gill net gear, by district and statisical week, 1986.

| Stat. Week | Date | 101 | 106 | 108 | 111 | 115 | Total |
|---|---|---|---|---|---|---|---|
| 24 | 6/8-6/14 | | | 18.7 | | | 18.7 |
| 25 | 6/15-6/21 | 16.4 | 13.5 | 15.6 | 13.4 | 8.8 | 13.0 |
| 26 | 6/22-6/28 | 15.6 | 12.7 | 16.0 | 13.3 | 7.5 | 13.7 |
| 27 | 6/30-7/6 | 15.0 | 13.0 | | 10.4 | 7.9 | 12.1 |
| 28 | 7/7-7/13 | 14.7 | | | 8.7 | 7.2 | 8.9 |
| 29 | 7/14-7/20 | 13.9 | 8.8 | | 9.1 | 7.5 | 9.3 |
| 30 | 7/21-7/27 | 12.2 | 8.9 | 8.8 | 7.6 | 7.5 | 9.1 |
| 31 | 7/28-8/3 | 12.5 | 9.4 | 8.5 | 8.2 | 7.7 | 9.2 |
| 32 | 8/4-8/10 | 13.0 | 9.2 | 8.0 | 7.6 | 7.3 | 8.7 |
| 33 | 8/11-8/17 | 8.9 | 10.7 | 5.5 | 8.7 | 6.7 | 7.4 |
| 34 | 8/18-8/24 | 12.2 | 7.6 | 8.6 | 7.3 | 7.6 | 7.8 |
| 35 | 8/25-8/31 | 10.5 | 10.6 | 9.2 | 8.5 | 8.3 | 8.8 |
| 36 | 8/31-9/6 | 8.0 | 8.8 | 9.2 | 9.1 | 9.3 | 9.1 |
| 37 | 9/7-9/13 | 12.9 | 9.9 | 10.7 | 11.4 | 9.9 | 10.0 |
| 38 | 9/14-9/20 | 12.8 | 9.4 | | 10.0 | 10.8 | 10.5 |
| 39 | 9/21-9/27 | | 11.5 | | | 11.4 | 11.4 |
| 40 | 9/28-10/4 | | | | | 12.6 | |
| 41 | 10/5-10/11 | | | | | 12.2 | |
| District | Totals | 14.4 | 10.1 | 10.4 | 10.3 | 8.3 | 10.3 |

Appendix A.12. Age composition of chinook salmon sampled from the spring test troll fishery in Southeast Alaska, 10 May to 20 June, 1986.

| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 | 1979 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | 1.5 | Total |
| Northern Chatham Strait | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Size | | | 2 | 11 | 1 | 10 | 3 | | 27 |
| Percent | | | 3.0 | 16.7 | 1.5 | 15.2 | 4.5 | | 40.9 |
| Std. Error | | | 2.1 | 4.6 | 1.5 | 4.4 | 2.6 | | 6.1 |
| Female | | | | | | | | | |
| Sample Size | | | 3 | 9 | | 22 | 5 | | 39 |
| Percent | | | 4.5 | 13.6 | | 33.3 | 7.6 | | 59.1 |
| Std. Error | | | 2.6 | 4.3 | | 5.8 | 3.3 | | 6.1 |
| All Fish | | | | | | | | | |
| Sample Size | 1 | 1 | 7 | 33 | 2 | 40 | 10 | | 94 |
| Percent | 1.1 | 1.1 | 7.4 | 35.1 | 2.1 | 42.6 | 10.6 | | 100.0 |
| Std. Error | 1.1 | 1.1 | 2.7 | 4.9 | 1.5 | 5.1 | 3.2 | | |
| Southern Chatham Strait | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Size | | | 8 | 3 | 11 | 7 | | | 29 |
| Percent | | | 12.3 | 4.6 | 16.9 | 10.8 | | | 44.6 |
| Std. Error | | | 4.1 | 2.6 | 4.7 | 3.9 | | | 6.2 |
| Female | | | | | | | | | |
| Sample Size | | 1 | 13 | 5 | 8 | 3 | 5 | 1 | 36 |
| Percent | | 1.5 | 20.0 | 7.7 | 12.3 | 4.6 | 7.7 | 1.5 | 55.4 |
| Std. Error | | 1.5 | 5.0 | 3.3 | 4.1 | 2.6 | 3.3 | 1.5 | 6.2 |
| All Fish | | | | | | | | | |
| Sample Size | | 2 | 21 | 9 | 21 | 10 | 5 | 1 | 69 |
| Percent | | 2.9 | 30.4 | 13.0 | 30.4 | 14.5 | 7.2 | 1.4 | 100.0 |
| Std. Error | | 2.0 | 5.6 | 4.1 | 5.6 | 4.3 | 3.1 | 1.4 | |
| Frederick Sound | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Size | 2 | 15 | 10 | 3 | 28 | | 8 | 1 | 67 |
| Percent | 1.2 | 8.8 | 5.9 | 1.8 | 16.5 | | 4.7 | 0.6 | 39.4 |
| Std. Error | 0.8 | 2.2 | 1.8 | 1.0 | 2.9 | | 1.6 | 0.6 | 3.8 |
| Female | | | | | | | | | |
| Sample Size | 1 | 18 | 5 | 9 | 42 | 1 | 27 | | 103 |
| Percent | 0.6 | 10.6 | 2.9 | 5.3 | 24.7 | 0.6 | 15.9 | | 60.6 |
| Std. Error | 0.6 | 2.4 | 1.3 | 1.7 | 3.3 | 0.6 | 2.8 | | 3.8 |
| All Fish | | | | | | | | | |
| Sample Size | 4 | 33 | 16 | 12 | 72 | 1 | 35 | 1 | 174 |
| Percent | 2.3 | 19.0 | 9.2 | 6.9 | 41.4 | 0.6 | 20.1 | 0.6 | 100.0 |
| Std. Error | 1.1 | 3.0 | 2.2 | 1.9 | 3.7 | 0.6 | 3.0 | 0.6 | |

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| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 | 1979 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | 1.5 | Total |
| Sumner Strait | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Size | | 13 | 1 | 4 | 9 | | 1 | | 28 |
| Percent | | 14.4 | 1.1 | 4.4 | 10.0 | | 1.1 | | 31.1 |
| Std. Error | | 3.7 | 1.1 | 2.2 | 3.2 | | 1.1 | | 4.9 |
| Female | | | | | | | | | |
| Sample Size | 1 | 19 | 3 | 14 | 13 | | 11 | 1 | 62 |
| Percent | 1.1 | 21.1 | 3.3 | 15.6 | 14.4 | | 12.2 | 1.1 | 68.9 |
| Std. Error | 1.1 | 4.3 | 1.9 | 3.8 | 3.7 | | 3.5 | 1.1 | 4.9 |
| All Fish | | | | | | | | | |
| Sample Size | 1 | 33 | 4 | 18 | 23 | | 12 | 1 | 92 |
| Percent | 1.1 | 35.9 | 4.3 | 19.6 | 25.0 | | 13.0 | 1.1 | 100.0 |
| Std. Error | 1.1 | 5.0 | 2.1 | 4.2 | 4.5 | | 3.5 | 1.1 | |
| Northern Clarence Strait | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Size | 1 | 4 | 12 | 8 | 19 | 1 | 7 | 1 | 53 |
| Percent | 0.8 | 3.4 | 10.2 | 6.8 | 16.1 | 0.8 | 5.9 | 0.8 | 44.9 |
| Std. Error | 0.8 | 1.7 | 2.8 | 2.3 | 3.4 | 0.8 | 2.2 | 0.8 | 4.6 |
| Female | | | | | | | | | |
| Sample Size | | 8 | 6 | 15 | 20 | 4 | 10 | 2 | 65 |
| Percent | | 6.8 | 5.1 | 12.7 | 16.9 | 3.4 | 8.5 | 1.7 | 55.1 |
| Std. Error | | 2.3 | 2.0 | 3.1 | 3.5 | 1.7 | 2.6 | 1.2 | 4.6 |
| All Fish | | | | | | | | | |
| Sample Size | 1 | 12 | 20 | 23 | 39 | 5 | 18 | 3 | 121 |
| Percent | 0.8 | 9.9 | 16.5 | 19.0 | 32.2 | 4.1 | 14.9 | 2.5 | 100.0 |
| Std. Error | 0.8 | 2.7 | 3.4 | 3.6 | 4.3 | 1.8 | 3.2 | 1.4 | |
| Southern Clarence Strait | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Size | | 15 | 52 | 35 | 64 | 3 | 31 | 6 | 206 |
| Percent | | 3.3 | 11.6 | 7.8 | 14.3 | 0.7 | 6.9 | 1.3 | 45.9 |
| Std. Error | | 0.8 | 1.5 | 1.3 | 1.7 | 0.4 | 1.2 | 0.5 | 2.4 |
| Female | | | | | | | | | |
| Sample Size | | 19 | 42 | 42 | 36 | 5 | 88 | 11 | 243 |
| Percent | | 4.2 | 9.4 | 9.4 | 8.0 | 1.1 | 19.6 | 2.4 | 54.1 |
| Std. Error | | 1.0 | 1.4 | 1.4 | 1.3 | 0.5 | 1.9 | 0.7 | 2.4 |
| All Fish | | | | | | | | | |
| Sample Size | 1 | 35 | 99 | 82 | 106 | 8 | 123 | 18 | 472 |
| Percent | 0.2 | 7.4 | 21.0 | 17.4 | 22.5 | 1.7 | 26.1 | 3.8 | 100.0 |
| Std. Error | 0.2 | 1.2 | 1.9 | 1.7 | 1.9 | 0.6 | 2.0 | 0.9 | |

Appendix A.13. Mean length by age of chinook salmon sampled from the spring test troll fishery in Southeast Alaska, 10 May to 20 June, 1986.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 | 1979 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 | 1.5 |
| Northern Chatham Strait | | | | | | | | | |
| Male | Avg. Length | | | 725.0 | 580.5 | 795.0 | 697.0 | 833.3 | |
| | Std. Error | | | 75.0 | 16.5 | | 12.3 | 30.9 | |
| | Sample Size | | | 2 | 11 | 1 | 10 | 3 | |
| Female | Avg. Length | | | 660.0 | 541.1 | | 683.2 | 801.0 | |
| | Std. Error | | | 7.6 | 18.2 | | 12.7 | 34.0 | |
| | Sample Size | | | 3 | 9 | | 22 | 5 | |
| All Fish | Avg. Length | 510.0 | 420.0 | 679.3 | 560.5 | 875.0 | 697.8 | 807.0 | |
| | Std. Error | | | 22.4 | 10.2 | 80.0 | 8.7 | 20.2 | |
| | Sample Size | 1 | 1 | 7 | 33 | 2 | 40 | 10 | |
| Southern Chatham Strait | | | | | | | | | |
| Male | Avg. Length | | | 781.1 | 623.3 | 893.6 | 790.7 | | |
| | Std. Error | | | 14.8 | 44.1 | 14.3 | 42.9 | | |
| | Sample Size | | | 8 | 3 | 11 | 7 | | |
| Female | Avg. Length | | 335.0 | 756.7 | 640.4 | 848.5 | 747.3 | 868.0 | 810.0 |
| | Std. Error | | | 13.8 | 48.7 | 33.9 | 53.9 | 33.8 | |
| | Sample Size | | 1 | 13 | 5 | 8 | 3 | 5 | 1 |
| All Fish | Avg. Length | | 427.5 | 766.0 | 633.6 | 870.3 | 777.7 | 868.0 | 810.0 |
| | Std. Error | | 92.5 | 10.4 | 28.8 | 16.4 | 33.1 | 33.8 | |
| | Sample Size | | 2 | 21 | 9 | 21 | 10 | 5 | 1 |
| Fredrick Sound | | | | | | | | | |
| Male | Avg. Length | 577.5 | 697.0 | 608.0 | 793.3 | 717.5 | | 811.9 | 770.0 |
| | Std. Error | 132.5 | 14.7 | 25.8 | 86.4 | 11.8 | | 25.5 | |
| | Sample Size | 2 | 15 | 10 | 3 | 28 | | 8 | 1 |
| Female | Avg. Length | 665.0 | 700.0 | 667.0 | 820.6 | 732.4 | 805.0 | 827.2 | |
| | Std. Error | | 13.9 | 66.8 | 24.7 | 10.8 | | 11.6 | |
| | Sample Size | 1 | 18 | 5 | 9 | 42 | 1 | 27 | |
| All Fish | Avg. Length | 613.8 | 698.6 | 630.6 | 813.8 | 728.1 | 805.0 | 823.7 | 770.0 |
| | Std. Error | 58.3 | 9.9 | 26.0 | 26.2 | 8.0 | | 10.5 | |
| | Sample Size | 4 | 33 | 16 | 12 | 72 | 1 | 35 | 1 |

-Continued-

Appendix A.13. (page 2 of 2)

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | 1983 | 1982 | 1982 | 1981 | 1981 | 1980 |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 1.4 |
| Sumner Strait | | | | | | | | | |
| Male | Avg. Length | | 761.6 | 630.0 | 800.0 | 799.0 | | 885.0 | |
| | Std. Error | | 20.3 | | 55.0 | 16.9 | | | |
| | Sample Size | | 13 | 1 | 4 | 9 | | 1 | |
| Female | Avg. Length | 486.0 | 733.3 | 633.3 | 836.8 | 773.5 | | 864.1 | 875.0 |
| | Std. Error | | 13.6 | 50.9 | 22.8 | 16.2 | | 14.6 | |
| | Sample Size | 1 | 19 | 3 | 14 | 13 | | 11 | 1 |
| All Fish | Avg. Length | 486.0 | 744.6 | 632.5 | 828.6 | 780.5 | | 865.8 | 875.0 |
| | Std. Error | | 11.3 | 36.0 | 21.0 | 11.8 | | 13.5 | |
| | Sample Size | 1 | 33 | 4 | 18 | 23 | | 12 | 1 |
| Northern Clarence Strait | | | | | | | | | |
| Male | Avg. Length | 344.0 | 472.5 | 420.0 | 726.3 | 625.8 | 915.0 | 797.0 | 930.0 |
| | Std. Error | | 21.5 | 14.2 | 25.1 | 13.4 | | 29.4 | |
| | Sample Size | 1 | 4 | 12 | 8 | 19 | 1 | 7 | 1 |
| Female | Avg. Length | | 480.0 | 378.3 | 684.2 | 615.6 | 762.5 | 727.8 | 872.5 |
| | Std. Error | | 8.8 | 19.6 | 14.9 | 12.2 | 93.8 | 25.1 | 17.5 |
| | Sample Size | | 8 | 6 | 15 | 20 | 4 | 10 | 2 |
| All Fish | Avg. Length | 344.0 | 477.5 | 406.8 | 698.8 | 620.6 | 793.0 | 754.3 | 891.7 |
| | Std. Error | | 8.7 | 10.9 | 13.4 | 9.0 | 78.8 | 19.3 | 21.7 |
| | Sample Size | 1 | 12 | 20 | 23 | 39 | 5 | 18 | 3 |
| Southern Clarence Strait | | | | | | | | | |
| Male | Avg. Length | | 541.3 | 399.7 | 714.9 | 654.5 | 905.0 | 745.8 | 928.3 |
| | Std. Error | | 21.8 | 5.3 | 16.3 | 6.4 | 66.0 | 11.6 | 24.1 |
| | Sample Size | | 15 | 52 | 35 | 64 | 3 | 31 | 6 |
| Female | Avg. Length | | 547.5 | 371.4 | 716.0 | 625.8 | 789.4 | 759.7 | 874.4 |
| | Std. Error | | 20.3 | 6.3 | 11.2 | 9.2 | 43.0 | 8.3 | 14.2 |
| | Sample Size | | 19 | 42 | 42 | 36 | 5 | 88 | 11 |
| All Fish | Avg. Length | 340.0 | 545.2 | 385.9 | 714.6 | 644.7 | 832.8 | 758.3 | 892.7 |
| | Std. Error | | 14.2 | 4.2 | 9.1 | 5.2 | 39.7 | 6.8 | 12.9 |
| | Sample Size | 1 | 35 | 99 | 82 | 106 | 8 | 123 | 18 |

Appendix 14. Little Tahltan river (108-80-120) weir count for chinook salmon, 1986.

| Date | Number | | | | Proportions | |
|---|---|---|---|---|---|---|
| | Small[a] | Large[b] | Daily Total | Cumulative | Daily | Cumulative |
| June 29 | | 8 | 8 | 8 | 0.00233 | 0.00233 |
| 30 | | 0 | 0 | 8 | 0.00000 | 0.00233 |
| July 1 | | 4 | 4 | 12 | 0.00116 | 0.00349 |
| 2 | | 0 | 0 | 12 | 0.00000 | 0.00349 |
| 3 | 1 | 2 | 3 | 15 | 0.00087 | 0.00436 |
| 4 | 2 | 11 | 13 | 28 | 0.00378 | 0.00814 |
| 5 | 6 | 20 | 26 | 54 | 0.00756 | 0.01570 |
| 6 | 11 | 177 | 188 | 242 | 0.05467 | 0.07037 |
| 7 | 19 | 100 | 119 | 361 | 0.03460 | 0.10497 |
| 8 | 9 | 73 | 82 | 443 | 0.02384 | 0.12882 |
| 9 | 5 | 14 | 19 | 462 | 0.00552 | 0.13434 |
| 10 | 31 | 171 | 202 | 664 | 0.05874 | 0.19308 |
| 11 | 34 | 94 | 128 | 792 | 0.03722 | 0.23030 |
| 12 | 1 | 12 | 13 | 805 | 0.00378 | 0.23408 |
| 13 | 11 | 41 | 52 | 857 | 0.01512 | 0.24920 |
| 14 | 4 | 12 | 16 | 873 | 0.00465 | 0.25385 |
| 15 | 13 | 71 | 84 | 957 | 0.02443 | 0.27828 |
| 16 | 19 | 65 | 84 | 1,041 | 0.02443 | 0.30270 |
| 17 | 15 | 137 | 152 | 1,193 | 0.04420 | 0.34690 |
| 18 | 26 | 156 | 182 | 1,375 | 0.05292 | 0.39983 |
| 19 | 9 | 143 | 152 | 1,527 | 0.04420 | 0.44402 |
| 20 | 11 | 86 | 97 | 1,624 | 0.02821 | 0.47223 |
| 21 | 23 | 66 | 89 | 1,713 | 0.02588 | 0.49811 |
| 22 | 15 | 99 | 114 | 1,827 | 0.03315 | 0.53126 |
| 23 | 0 | 16 | 16 | 1,843 | 0.00465 | 0.53591 |
| 24 | 3 | 17 | 20 | 1,863 | 0.00582 | 0.54173 |
| 25 | 25 | 171 | 196 | 2,059 | 0.05699 | 0.59872 |
| 26 | 4 | 10 | 14 | 2,073 | 0.00407 | 0.60279 |
| 27 | 5 | 21 | 26 | 2,099 | 0.00756 | 0.61035 |
| 28 | 10 | 40 | 50 | 2,149 | 0.01454 | 0.62489 |
| 29 | 47 | 167 | 214 | 2,363 | 0.06223 | 0.68712 |
| 30 | 22 | 59 | 81 | 2,444 | 0.02355 | 0.71067 |
| 31 | 27 | 118 | 145 | 2,589 | 0.04216 | 0.75284 |
| August 1 | 17 | 142 | 159 | 2,748 | 0.04623 | 0.79907 |
| 2 | 18 | 41 | 59 | 2,807 | 0.01716 | 0.81623 |
| 3 | 15 | 54 | 69 | 2,876 | 0.02006 | 0.83629 |
| 4 | 31 | 122 | 153 | 3,029 | 0.04449 | 0.88078 |
| 5 | 27 | 106 | 133 | 3,162 | 0.03867 | 0.91945 |
| 6 | 5 | 86 | 91 | 3,253 | 0.02646 | 0.94591 |
| 7 | 3 | 30 | 33 | 3,286 | 0.00960 | 0.95551 |
| 8 | 5 | 6 | 11 | 3,297 | 0.00320 | 0.95871 |
| 9 | 3 | 13 | 16 | 3,313 | 0.00465 | 0.96336 |
| 10 | 11 | 9 | 20 | 3,333 | 0.00582 | 0.96918 |
| 11 | 9 | 30 | 39 | 3,372 | 0.01134 | 0.98052 |
| 12 | 0 | 27 | 27 | 3,399 | 0.00785 | 0.98837 |
| 13 | 2 | 21 | 23 | 3,422 | 0.00669 | 0.99506 |
| 14 | | 10 | 10 | 3,432 | 0.00291 | 0.99796 |
| 15 | | 3 | 3 | 3,435 | 0.00087 | 0.99884 |
| 16 | | 0 | 0 | 3,435 | 0.00000 | 0.99884 |
| 17 | | 4 | 4 | 3,439 | 0.00116 | 1.00000 |

Mean Date of Run = July 23; Variance (Days Squared) = 114.2

[a] Presumed to be males (age .1 jacks)
[b] Males and females.

Appendix A15. King Salmon River (111-17-010) weir count for chinook salmon, 1986.

| | Number | | | | | Proportions | |
|---|---|---|---|---|---|---|---|
| Date | Females | Large Males | Small Males | Daily Total | Cumulative | Daily | Cumulative |
| June 30 | 1 | 1 | | 2 | 2 | 0.0056 | 0.0056 |
| July 1 | | | | 0 | 2 | 0.0000 | 0.0056 |
| 2 | | | | 0 | 2 | 0.0000 | 0.0056 |
| 3 | 2 | | | 2 | 4 | 0.0056 | 0.0113 |
| 4 | 1 | 1 | 1 | 3 | 7 | 0.0085 | 0.0197 |
| 5 | | 1 | | 1 | 8 | 0.0028 | 0.0225 |
| 6 | 5 | 4 | 2 | 11 | 19 | 0.0310 | 0.0535 |
| 7 | 4 | 3 | 1 | 8 | 27 | 0.0225 | 0.0761 |
| 8 | 1 | 2 | 6 | 9 | 36 | 0.0254 | 0.1014 |
| 9 | 4 | 1 | 8 | 13 | 49 | 0.0366 | 0.1380 |
| 10 | 20 | 10 | 4 | 34 | 83 | 0.0958 | 0.2338 |
| 11 | 13 | 19 | 4 | 36 | 119 | 0.1014 | 0.3352 |
| 12 | 8 | 5 | 2 | 15 | 134 | 0.0423 | 0.3775 |
| 13 | 6 | 9 | 2 | 17 | 151 | 0.0479 | 0.4254 |
| 14 | 6 | 3 | 1 | 10 | 161 | 0.0282 | 0.4535 |
| 15 | 2 | 4 | | 6 | 167 | 0.0169 | 0.4704 |
| 16 | 15 | 5 | 7 | 27 | 194 | 0.0761 | 0.5465 |
| 17 | 1 | 7 | 2 | 10 | 204 | 0.0282 | 0.5746 |
| 18 | 4 | 5 | 1 | 10 | 214 | 0.0282 | 0.6028 |
| 19 | 4 | 5 | 9 | 18 | 232 | 0.0507 | 0.6535 |
| 20 | 5 | 5 | 3 | 13 | 245 | 0.0366 | 0.6901 |
| 21 | 3 | 2 | 1 | 6 | 251 | 0.0169 | 0.7070 |
| 22 | 11 | 8 | 2 | 21 | 272 | 0.0592 | 0.7662 |
| 23 | 9 | 8 | 6 | 23 | 295 | 0.0648 | 0.8310 |
| 24 | 5 | 8 | 6 | 19 | 314 | 0.0535 | 0.8845 |
| 25 | 3 | 4 | 1 | 8 | 322 | 0.0225 | 0.9070 |
| 26 | 3 | 3 | 2 | 8 | 330 | 0.0225 | 0.9296 |
| 27 | 1 | 1 | 1 | 3 | 333 | 0.0085 | 0.9380 |
| 28 | 2 | 1 | | 3 | 336 | 0.0085 | 0.9465 |
| 29 | | | | 0 | 336 | 0.0000 | 0.9465 |
| 30 | | | | 0 | 336 | 0.0000 | 0.9465 |
| 31[a] | 9 | 8 | 2 | 19 | 355 | 0.0535 | 1.0000[b] |

Mean Date of Run = July 16; Variance (Days Squared) = 48.1

[a] Estimated from foot survey of King Salmon River downstream from the weir
[b] Includes a total of 23 females, 13 large males, and 15 small males that were killed for hatchery egg take.

Appendix A.16. Nakina River (111-32-220) carcass weir count for chinook salmon, 1986.

| | Numbers | | | | Proportions | |
|---|---|---|---|---|---|---|
| Date | Males | Females | Daily Total | Cumulative | Daily | Cumulative |
| Aug. 2 | 8 | 6 | 14 | 14 | 0.0070 | 0.0070 |
| 3 | 1 | 1 | 2 | 16 | 0.0010 | 0.0080 |
| 4 | 12 | 3 | 15 | 31 | 0.0075 | 0.0155 |
| 5 | 17 | 4 | 21 | 52 | 0.0105 | 0.0260 |
| 6 | 19 | 4 | 23 | 75 | 0.0115 | 0.0375 |
| 7 | 17 | 7 | 24 | 99 | 0.0120 | 0.0495 |
| 8 | 72 | 29 | 101 | 200 | 0.0505 | 0.1000 |
| 9 | 26 | 6 | 32 | 232 | 0.0160 | 0.1160 |
| 10 | 102 | 16 | 118 | 350 | 0.0590 | 0.1750 |
| 11 | 126 | 47 | 173 | 523 | 0.0865 | 0.2615 |
| 12 | 124 | 35 | 159 | 682 | 0.0795 | 0.3410 |
| 13 | 165 | 62 | 227 | 909 | 0.1135 | 0.4545 |
| 14 | 150 | 48 | 198 | 1,107 | 0.0990 | 0.5535 |
| 15 | 149 | 35 | 184 | 1,291 | 0.0920 | 0.6455 |
| 16 | 101 | 21 | 122 | 1,413 | 0.0610 | 0.7065 |
| 17 | 99 | 24 | 123 | 1,536 | 0.0615 | 0.7680 |
| 18 | 93 | 17 | 110 | 1,646 | 0.0550 | 0.8230 |
| 19 | 69 | 12 | 81 | 1,727 | 0.0405 | 0.8635 |
| 20 | 43 | 17 | 60 | 1,787 | 0.0300 | 0.8935 |
| 21 | 69 | 17 | 86 | 1,873 | 0.0430 | 0.9365 |
| 22 | 55 | 6 | 61 | 1,934 | 0.0305 | 0.9670 |
| 23 | 51 | 15 | 66 | 2,000 | 0.0330 | 1.0000 |
| 24 | | | 0 | 2,000 | 0.0000 | 1.0000 |
| Total[a] | 1,568 | 432 | | | | |

[a] Migratory timing statistics are not reported for carcass weirs.

Appendix A.17. Little Tatsamenie Lake (111-32-254) weir count for chinook salmon, 1986.

| Date | Number | | Proportions | |
|---|---|---|---|---|
| | Daily Total | Cumulative | Daily | Cumulative |
| Aug. 6 | 17 | 17 | 0.0276 | 0.0276 |
| 7 | 13 | 30 | 0.0211 | 0.0488 |
| 8 | 12 | 42 | 0.0195 | 0.0683 |
| 9 | 10 | 52 | 0.0163 | 0.0846 |
| 10 | 72 | 124 | 0.1171 | 0.2016 |
| 11 | 12 | 136 | 0.0195 | 0.2211 |
| 12 | 10 | 146 | 0.0163 | 0.2374 |
| 13 | 17 | 163 | 0.0276 | 0.2650 |
| 14 | 65 | 228 | 0.1057 | 0.3707 |
| 15 | 25 | 253 | 0.0407 | 0.4114 |
| 16 | 7 | 260 | 0.0114 | 0.4228 |
| 17 | 39 | 299 | 0.0634 | 0.4862 |
| 18 | 13 | 312 | 0.0211 | 0.5073 |
| 19 | 23 | 335 | 0.0374 | 0.5447 |
| 20 | 10 | 345 | 0.0163 | 0.5610 |
| 21 | 14 | 359 | 0.0228 | 0.5837 |
| 22 | 50 | 409 | 0.0813 | 0.6650 |
| 23 | 47 | 456 | 0.0764 | 0.7415 |
| 24 | 15 | 471 | 0.0244 | 0.7659 |
| 25 | 17 | 488 | 0.0276 | 0.7935 |
| 26 | 21 | 509 | 0.0341 | 0.8276 |
| 27 | 25 | 534 | 0.0407 | 0.8683 |
| 28 | 5 | 539 | 0.0081 | 0.8764 |
| 29 | 9 | 548 | 0.0146 | 0.8911 |
| 30 | 7 | 555 | 0.0114 | 0.9024 |
| 31 | 10 | 565 | 0.0163 | 0.9187 |
| Sept. 1 | 35 | 600 | 0.0569 | 0.9756 |
| 2 | 3 | 603 | 0.0049 | 0.9805 |
| 3 | 2 | 605 | 0.0033 | 0.9837 |
| 4 | | 605 | 0.0000 | 0.9837 |
| 5 | | 605 | 0.0000 | 0.9837 |
| 6 | 4 | 609 | 0.0065 | 0.9902 |
| 7 | | 609 | 0.0000 | 0.9902 |
| 8 | 4 | 613 | 0.0065 | 0.9967 |
| 9 | | 613 | 0.0000 | 0.9967 |
| 10 | | 613 | 0.0000 | 0.9967 |
| 11 | 1 | 614 | 0.0016 | 0.9984 |
| 12 | | 614 | 0.0000 | 0.9984 |
| 13 | 1 | 615 | 0.0016 | 1.0000 |

Mean Date of Run = Aug 19; Variance (Days Squared) = 59.5.

Appendix A.18. Hackett River (111-32-260) weir count for chinook salmon, 1986.

| Date | Number | | Proportions | |
|---|---|---|---|---|
| | Daily Total | Cumulative | Daily | Cumulative |
| Aug. 3 | 2 | 2 | 0.0031 | 0.0031 |
| 4 | 77 | 79 | 0.1198 | 0.1229 |
| 5 | 52 | 131 | 0.0809 | 0.2037 |
| 6 | 76 | 207 | 0.1182 | 0.3219 |
| 7 | 79 | 286 | 0.1229 | 0.4448 |
| 8 | 49 | 335 | 0.0762 | 0.5210 |
| 9 | 50 | 385 | 0.0778 | 0.5988 |
| 10 | 90 | 475 | 0.1400 | 0.7387 |
| 11 | 30 | 505 | 0.0467 | 0.7854 |
| 12 | 11 | 516 | 0.0171 | 0.8025 |
| 13 | 52 | 568 | 0.0809 | 0.8834 |
| 14 | 19 | 587 | 0.0295 | 0.9129 |
| 15 | 9 | 596 | 0.0140 | 0.9269 |
| 16 | 9 | 605 | 0.0140 | 0.9409 |
| 17 | 3 | 608 | 0.0047 | 0.9456 |
| 18 | 5 | 613 | 0.0078 | 0.9533 |
| 19 | 6 | 619 | 0.0093 | 0.9627 |
| 20 | 6 | 625 | 0.0093 | 0.9720 |
| 21 | 4 | 629 | 0.0062 | 0.9782 |
| 22 | 8 | 637 | 0.0124 | 0.9907 |
| 23 | 2 | 639 | 0.0031 | 0.9938 |
| 24 | 1 | 640 | 0.0016 | 0.9953 |
| 25 | 1 | 641 | 0.0016 | 0.9969 |
| 26 | | 641 | 0.0000 | 0.9969 |
| 27 | | 641 | 0.0000 | 0.9969 |
| 28 | | 641 | 0.0000 | 0.9969 |
| 29 | | 641 | 0.0000 | 0.9969 |
| 30 | | 641 | 0.0000 | 0.9969 |
| 31 | 2 | 643 | 0.0031 | 1.0000 |

Mean Date of Run = Aug 9; Variance (Days Squared) = 18.6.

Appendix A.19. Klukshu River (182-30-020) weir count for chinook salmon, 1986.

| Date | | Number: Daily Total | Number: Cumulative | Proportions: Daily | Proportions: Cumulative |
|---|---|---|---|---|---|
| July | 5 | 1 | 1 | 0.0004 | 0.0004 |
| | 6 | 4 | 5 | 0.0015 | 0.0018 |
| | 7 | 0 | 5 | 0.0000 | 0.0018 |
| | 8 | 2 | 7 | 0.0007 | 0.0026 |
| | 9 | 4 | 11 | 0.0015 | 0.0041 |
| | 10 | 2 | 13 | 0.0007 | 0.0048 |
| | 11 | 5 | 18 | 0.0018 | 0.0066 |
| | 12 | 17 | 35 | 0.0063 | 0.0129 |
| | 13 | 20 | 55 | 0.0074 | 0.0203 |
| | 14 | 9 | 64 | 0.0033 | 0.0236 |
| | 15 | 78 | 142 | 0.0288 | 0.0524 |
| | 16 | 623 | 765 | 0.2301 | 0.2825 |
| | 17 | 520 | 1,285 | 0.1920 | 0.4745 |
| | 18 | 323 | 1,608 | 0.1193 | 0.5938 |
| | 19 | 95 | 1,703 | 0.0351 | 0.6289 |
| | 20 | 50 | 1,753 | 0.0185 | 0.6473 |
| | 21 | 41 | 1,794 | 0.0151 | 0.6625 |
| | 22 | 76 | 1,870 | 0.0281 | 0.6905 |
| | 23 | 408 | 2,278 | 0.1507 | 0.8412 |
| | 24 | 25 | 2,303 | 0.0092 | 0.8504 |
| | 25 | 30 | 2,333 | 0.0111 | 0.8615 |
| | 26 | 11 | 2,344 | 0.0041 | 0.8656 |
| | 27 | 17 | 2,361 | 0.0063 | 0.8719 |
| | 28 | 22 | 2,383 | 0.0081 | 0.8800 |
| | 29 | 17 | 2,400 | 0.0063 | 0.8863 |
| | 30 | 29 | 2,429 | 0.0107 | 0.8970 |
| | 31 | 27 | 2,456 | 0.0100 | 0.9069 |
| Aug. | 1 | 17 | 2,473 | 0.0063 | 0.9132 |
| | 2 | 28 | 2,501 | 0.0103 | 0.9236 |
| | 3 | 37 | 2,538 | 0.0137 | 0.9372 |
| | 4 | 52 | 2,590 | 0.0192 | 0.9564 |
| | 5 | 12 | 2,602 | 0.0044 | 0.9609 |
| | 6 | 3 | 2,605 | 0.0011 | 0.9620 |
| | 7 | 10 | 2,615 | 0.0037 | 0.9657 |
| | 8 | 13 | 2,628 | 0.0048 | 0.9705 |
| | 9 | 11 | 2,639 | 0.0041 | 0.9745 |
| | 10 | 12 | 2,651 | 0.0044 | 0.9790 |
| | 11 | 2 | 2,653 | 0.0007 | 0.9797 |
| | 12 | 10 | 2,663 | 0.0037 | 0.9834 |
| | 13 | 16 | 2,679 | 0.0059 | 0.9893 |
| | 14 | 9 | 2,688 | 0.0033 | 0.9926 |
| | 15 | 3 | 2,691 | 0.0011 | 0.9937 |
| | 16 | 1 | 2,692 | 0.0004 | 0.9941 |
| | 17 | 0 | 2,692 | 0.0000 | 0.9941 |
| | 18 | 4 | 2,696 | 0.0015 | 0.9956 |
| | 19 | 0 | 2,696 | 0.0000 | 0.9956 |
| | 20 | 2 | 2,698 | 0.0007 | 0.9963 |
| | 21 | 1 | 2,699 | 0.0004 | 0.9967 |
| | 22 | 0 | 2,699 | 0.0000 | 0.9967 |
| | 23 | 0 | 2,699 | 0.0000 | 0.9967 |
| | 24 | 0 | 2,699 | 0.0000 | 0.9967 |
| | 25 | 0 | 2,699 | 0.0000 | 0.9967 |
| | 26 | 0 | 2,699 | 0.0000 | 0.9967 |
| | 27 | 0 | 2,699 | 0.0000 | 0.9967 |
| | 28 | 5 | 2,704 | 0.0018 | 0.9985 |
| | 29 | 1 | 2,705 | 0.0004 | 0.9989 |
| | 30 | 0 | 2,705 | 0.0000 | 0.9989 |
| | 31 | 0 | 2,705 | 0.0000 | 0.9989 |
| Sept. | 1 | 2 | 2,707 | 0.0007 | 0.9996 |
| | 2 | 0 | 2,707 | 0.0000 | 0.9996 |
| | 3 | 0 | 2,707 | 0.0000 | 0.9996 |
| | 4 | 0 | 2,707 | 0.0000 | 0.9996 |
| | 5 | 1 | 2,708 | 0.0004 | 1.0000 |

Mean Date of Run = July 21; Variance (Days Squared) = 48.0

Appendix A.20 . Situk River (182-70-010) weir count for chinook salmon, 1986.

| Date | | Number: Large Kings | Number: Jacks[a] | Number: Daily Total | Number: Cumulative | Proportions: Daily | Proportions: Cumulative |
|---|---|---|---|---|---|---|---|
| June | 10 | | 1 | 1 | 1 | 0.0004 | 0.0004 |
| | 11 | 2 | | 2 | 3 | 0.0008 | 0.0012 |
| | 12 | | | 0 | 3 | 0.0000 | 0.0012 |
| | 13 | | | 0 | 3 | 0.0000 | 0.0012 |
| | 14 | 1 | | 1 | 4 | 0.0004 | 0.0016 |
| | 15 | | | 0 | 4 | 0.0000 | 0.0016 |
| | 16 | | | 0 | 4 | 0.0000 | 0.0016 |
| | 17 | 1 | | 1 | 5 | 0.0004 | 0.0019 |
| | 18 | | | 0 | 5 | 0.0000 | 0.0019 |
| | 19 | | | 0 | 5 | 0.0000 | 0.0019 |
| | 20 | 1 | | 1 | 6 | 0.0004 | 0.0023 |
| | 21 | | | 0 | 6 | 0.0000 | 0.0023 |
| | 22 | | | 0 | 6 | 0.0000 | 0.0023 |
| | 23 | | | 0 | 6 | 0.0000 | 0.0023 |
| | 24 | | | 0 | 6 | 0.0000 | 0.0023 |
| | 25 | | | 0 | 6 | 0.0000 | 0.0023 |
| | 26 | | | 0 | 6 | 0.0000 | 0.0023 |
| | 27 | 4 | | 4 | 10 | 0.0016 | 0.0039 |
| | 28 | 6 | | 6 | 16 | 0.0023 | 0.0062 |
| | 29 | 8 | 3 | 11 | 27 | 0.0043 | 0.0105 |
| | 30 | 3 | 8 | 11 | 38 | 0.0043 | 0.0148 |
| July | 1 | 29 | 8 | 37 | 75 | 0.0144 | 0.0292 |
| | 2 | 13 | 2 | 15 | 90 | 0.0058 | 0.0350 |
| | 3 | 2 | | 2 | 92 | 0.0008 | 0.0358 |
| | 4 | 9 | | 9 | 101 | 0.0035 | 0.0393 |
| | 5 | 4 | 1 | 5 | 106 | 0.0019 | 0.0412 |
| | 6 | 3 | 1 | 4 | 110 | 0.0016 | 0.0428 |
| | 7 | 2 | | 2 | 112 | 0.0008 | 0.0435 |
| | 8 | 7 | | 7 | 119 | 0.0027 | 0.0463 |
| | 9 | | 3 | 3 | 122 | 0.0012 | 0.0474 |
| | 10 | 31 | 2 | 33 | 155 | 0.0128 | 0.0603 |
| | 11 | 3 | 1 | 4 | 159 | 0.0016 | 0.0618 |
| | 12 | 29 | 1 | 30 | 189 | 0.0117 | 0.0735 |
| | 13 | 20 | 3 | 23 | 212 | 0.0089 | 0.0824 |
| | 14 | 31 | 5 | 36 | 248 | 0.0140 | 0.0964 |
| | 15 | 12 | 4 | 16 | 264 | 0.0062 | 0.1026 |
| | 16 | 2 | 5 | 7 | 271 | 0.0027 | 0.1054 |
| | 17 | 2 | 3 | 5 | 276 | 0.0019 | 0.1073 |
| | 18 | 17 | 8 | 25 | 301 | 0.0097 | 0.1170 |
| | 19 | 3 | | 3 | 304 | 0.0012 | 0.1182 |
| | 20 | 47 | 19 | 66 | 370 | 0.0257 | 0.1439 |
| | 21 | 13 | 11 | 24 | 394 | 0.0093 | 0.1532 |
| | 22 | 18 | 7 | 25 | 419 | 0.0097 | 0.1629 |
| | 23 | 27 | 12 | 39 | 458 | 0.0152 | 0.1781 |
| | 24 | 76 | 21 | 97 | 555 | 0.0377 | 0.2158 |
| | 25 | 101 | 32 | 133 | 688 | 0.0517 | 0.2675 |
| | 26 | 195 | 54 | 249 | 937 | 0.0968 | 0.3643 |
| | 27 | 53 | 38 | 91 | 1,028 | 0.0354 | 0.3997 |
| | 28 | 54 | 10 | 64 | 1,092 | 0.0249 | 0.4246 |
| | 29 | 40 | 7 | 47 | 1,139 | 0.0183 | 0.4428 |
| | 30 | 20 | 12 | 32 | 1,171 | 0.0124 | 0.4553 |
| | 31 | 97 | 13 | 110 | 1,281 | 0.0428 | 0.4981 |
| Aug. | 1 | 116 | 11 | 127 | 1,408 | 0.0494 | 0.5474 |
| | 2 | 11 | 6 | 17 | 1,425 | 0.0066 | 0.5540 |
| | 3 | 58 | 17 | 75 | 1,500 | 0.0292 | 0.5832 |
| | 4 | 211 | 45 | 256 | 1,756 | 0.0995 | 0.6827 |
| | 5 | 38 | 1 | 39 | 1,795 | 0.0152 | 0.6979 |
| | 6 | 22 | 15 | 37 | 1,832 | 0.0144 | 0.7123 |
| | 7 | 80 | 22 | 102 | 1,934 | 0.0397 | 0.7519 |
| | 8 | 53 | 12 | 65 | 1,999 | 0.0253 | 0.7772 |
| | 9 | 73 | 9 | 82 | 2,081 | 0.0319 | 0.8091 |
| | 10 | 151 | 20 | 171 | 2,252 | 0.0665 | 0.8756 |
| | 11 | 13 | 5 | 18 | 2,270 | 0.0070 | 0.8826 |
| | 12 | 82 | 11 | 93 | 2,363 | 0.0362 | 0.9187 |
| | 13 | 52 | 21 | 73 | 2,436 | 0.0284 | 0.9471 |
| | 14 | 30 | 11 | 41 | 2,477 | 0.0159 | 0.9631 |
| | 15 | 34 | 3 | 37 | 2,514 | 0.0144 | 0.9774 |
| | 16 | 51 | 1 | 52 | 2,566 | 0.0202 | 0.9977 |
| | 17 | 6 | | 6 | 2,572 | 0.0023 | 1.0000 |

Mean Date of Run = July 30; Variance (Days Squared) = 116.6.

[a] Fish less than 12 pounds.

Because the Alaska Department of Fish and Game receives federal funding, all of its public programs and activities are operated free from discrimination on the basis of race, religion, color, national origin, age, sex, or handicap. Any person who believes he or she has been discriminated against should write to:

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