# DATA: ABUNDANCE, AGE, SEX, AND SIZE OF SOCKEYE SALMON CATCHES AND ESCAPEMENTS IN SOUTHEAST ALASKA IN 1987

by

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and

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# INTRODUCTION

Sockeye salmon (Oncorhynchus nerka) have been harvested commercially in Southeast Alaska since the 1880's. Catches peaked early in the history of the fishery, averaging 2.1 million sockeye salmon annually between 1896 and 1920 (ADF&G 1985). Several periods of sharp declines in catches in the region were experienced over the next 30 years. From 1951 through 1980 catches remained fairly stable, averaging 803,000 fish annually. Catches have sharply increased over the last 6 years (1981 - 1986), averaging almost 1.3 million fish.

Commercial purse seine and gill net fleets currently harvest the vast majority of sockeye salmon taken in Southeast Alaska. Lesser numbers of fish are harvested commercially with fish traps and in the troll fishery. Almost without exception these fisheries harvest mixed stocks and species. Sockeye salmon are also harvested in subsistence and sport fisheries in Southeast Alaska and although these catches are minor when compared to commercial harvests, exploitation rates are often high on individual stocks. Canadian commercial gill net fisheries have operated in the Canadian reaches of the Stikine and Taku Rivers since 1979. More than 100 systems (rivers or streams and their associated lakes) are known to produce sockeye salmon in Southeast Alaska.

Estimation of basic population attributes are essential to sound management. Age composition provides the basic data for age-specific stock contribution estimates, brood year returns, and exploitation rates. Size data can be used to monitor growth parameters, environmental variability, and gear selectivity. Migratory timing data can be used to identify interannual shifts in run timing.

The purpose of this report is to document the detailed age, length, and weir data collected from sockeye salmon in Southeast Alaska in 1987 to be used in concurrent studies and future use by researchers and managers. Summaries of the data presented in this report and summaries of catch and timing data are reported in McPherson et al. (1988) [1] to which this is a companion report.

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[1] McPherson, S.A., A.J. McGregor, and M.A. Olsen. 1988 Abundance, age, sex, and size of sockeye salmon catches and escapements in Southeast Alaska in 1987. Alaska Department of Fish and Game, Division of Commercial Fisheries Technical Fishery Report 88-12, P.O. Box 3-2000, Juneau, Alaska 99802.

# METHODS

## Study Area Description

The study area consists of outside coastal waters of Southeast Alaska extending south from Cape Suckling to Cape Fairweather and both inside and outside waters extending south from Cape Fairweather to Dixon Entrance (Figure 1). The area is divided into eighteen coastal districts (101 though 116, 182 and 183) and seven offshore districts (150, 152, 154, 156, 157, 181 and 189). Inshore district net fisheries and escapements in the Yakutat management area are reported elsewhere.

Commercial, sport, and subsistence fisheries operated throughout the region. Drift gill nets commercially harvested salmon in Districts 101, 106, 108, 111, and 115 in 1987. Canadian gill net fisheries operated in the lower Canadian portions of the Taku and Stikine Rivers and on the upper Stikine River. Purse seines harvested sockeye salmon in Districts 101 - 104 and 109 - 114 in 1987. The troll fleet operated throughout the region. The Metlakatla Indian Community operated gill net, purse seine, and troll fisheries within 3,000 feet of the Annette Island shoreline in District 101 (Subdistricts 24, 26, 28, and 42), as well as a small floating fish trap fishery in Subdistrict 28. Sport fishing occurred throughout Southeast Alaska, primarily near population centers in the region. Subsistence fishing was allowed at many sites in Southeast Alaska, primarily near the mouths of rivers and streams.

## Abundance Data

Alaskan commercial catch data presented in this report are compiled by the Division of Commercial Fisheries, ADF&G, and originate from individual fish tickets tabulated as of 15 March, 1988. Catch data are edited for data entry and recording errors. Embedded errors are sometimes found at a later date and are corrected then. Therefore, data file listings in the future may show minor differences from those presented in this report. Catch data for Canadian commercial and subsistence fisheries on the upper Taku and Stikine Rivers were obtained from the Canadian Department of Fisheries and Oceans (S. Johnston, personal communication). Catches are assigned to a statistical week. A statistical week, used to report catch figures in Alaska, begins at 00:01 AM each Sunday and ends the following Saturday at midnight. Weeks are numbered sequentially beginning with the week encompassing the first Sunday in January.

Several methods were used to estimate total escapements to Southeast Alaska systems. Eleven Alaskan systems and four Canadian systems were weired, and total counts of sockeye salmon to these systems were made. A mark- recapture tagging program was used to estimate the total Taku River escapement (McGregor and Clark 1988). Sockeye salmon were captured in fishwheels at Canyon Island (5 kilometers from the Canadian border) and tagged. Tagged fish were recovered in the upstream Canadian commercial gill net fishery, and tagged to untagged ratios were used to derive an escapement estimate using

the methods of Chapman and Junge (1956) and Darroch (1961). An estimate of escapement for McDonald Lake was provided by Haddix (ADF&G, F.R.E.D. Division, Ketchikan, personal communication). Foot survey counts are made and expanded to a total estimate based on correlations between stream life and foot survey data and final weir counts conducted in previous years. The estimated escapement to the Stikine River was developed using catch and CPUE data from commercial and test fisheries, and stock composition estimates from scale pattern analyses (N.J. Sands, ADF&G, Commercial Fisheries Division, Douglas, personal communication). Aerial, foot, and boat surveys provided escapement counts for most of the other important sockeye salmon systems in the region. The maximum that was counted in a 24 hour period is presented; these counts should only be considered partial or relative indicators of escapement magnitude as they do not represent total escapements of the stocks in question.

## Age, Sex, and Length Data

Sockeye salmon were sampled for scales, sex, and length. Scales were taken from the 'preferred area' of the fish (INPFC 1963). Within the preferred area, we attempted, whenever possible, to sample the scale located on the left side of the fish two rows above the lateral line and on the diagonal downward from the posterior insertion of the dorsal fin to the anterior insertion of the anal fin. Scales were mounted on gummed cards and impressions made in cellulose acetate (Clutter and Whitesel 1956).

Examination of scales provides age information for individual fish. Scales were magnified to 70 power on a microfiche reader and ages are recorded in European notation. Numerals preceding the decimal refer to the numbers of freshwater annuli, numerals following the decimal are the numbers of marine annuli and the total age is the sum of these two numbers plus one. Sex determination is based on examination of either gonads or external morphological features such as kipe development, belly shape, trunk depth, and jaw shape. Accuracy of sex determination was evaluated by examining 4,923 sockeye salmon from commercial catches throughout the region and season (K. Pahlke, 1988. Sex verification study results. ADF&G, Division of Commercial Fisheries, Douglas, unpublished memorandum). Fish were first sexed and then verified by slitting the belly cavity. Accuracy was 94% for the entire sample.

Fish length was measured from the middle of the eye to the fork of the tail and was recorded to the nearest 5 millimeters. The following exception exists: post-orbit to hypural plate measurements were taken for escapements to the Nakina River, Kuthai Lake, Little Trapper Lake, Little Tatsamenie Lake, and the Hackett River in the Taku River drainage, and for escapements to the Iskut and Scud Rivers and Tahltan and Chutine Lakes in the Stikine River drainage. The lengths from the Taku River were converted to middle of the eye to fork of the tail measurements according to the following equation developed from lengths taken from 200 sockeye salmon caught in the Canadian commercial fishery on the Taku River in 1986:

$$MEF = 1.090854*(POH) + 20.10672 \quad (1)$$

where: MEF = mid-eye to fork of tail and

POH = post-orbit to hypural plate.

Lengths from the Stikine River were converted to middle of the eye to fork of the tail measurements according to equation (2) of a set of relationships developed from lengths taken from 820 sockeye salmon commercially caught in Southeast Alaska in 1985 (Pahlke 1988).

$$MEF = 1.103696*(POH) + 19.50277 \quad (2)$$

$$POH = 0.889422*(MEF) - 8.10409 \quad (3)$$

$$MEH = 1.000483*(POH) + 8.005435 \quad (4)$$

$$POH = 0.982730*(MEH) + 0.592846 \quad (5)$$

$$MEH = 0.897117*(MEF) - 4.28373 \quad (6)$$

$$MEF = 1.093492*(MEH) +15.62296 \quad (7)$$

where: MEH = mid-eye to hypural plate.

All districts in which gill net catches occurred were sampled except the Annette Island portion of District 101. Purse seine catches were sampled in all districts that recorded catches, except in the Annette Island subdistricts of District 101. Fish trap, sport fish, and subsistence harvests were not sampled because of the small magnitude of the harvests and the logistic difficulties involved in obtaining samples. Escapement samples were collected either in weir traps or by dipnets, beach seining and carcass sampling. Fishwheels were used to collect the Taku River (Canyon Island) escapement samples. The variety of collection methods used to sample escapements may introduce some bias into age composition estimates.

Age and sex compositions of salmon in the catches were computed for each fishery sampled. Sampling goals are to collect sufficient samples to estimate the proportion of each age class to within $\pm 5$ percentage points 90% of the time in each stratum based on the standard binomial formulae (Cochran 1977). A general goal of 700 fish per week (560 to be ageable) has been met each week in the majority of the major districts. Sampling was structured by subdistricts in Districts 106 and 113 because catches were made in widely separated geographic areas and at different times of the season.

Age and sex compositions of the salmon were also computed for each escapement that was sampled. Most escapements were sampled over short periods of time and these data are pooled into a single stratum. Some escapements were large enough, e.g. Chilkoot Lake, that samples collected are stratified by time to reflect more than one sampling period. Temporal trends in age composition can then be determined.

Totals from each sample period are summed to represent the age and sex composition over the entire season for each fishery and each escapement for which accurate catch or escapement abundance data exist. When only partial escapement counts were available, a percentage breakdown of each sample by age and sex was tabulated. Standard errors of the age class proportions are calculated by standard binomial formulae. Standard errors expanded to catch or escapement numbers were calculated with a finite correction factor:

The age distribution and associated standard errors for the total commercial catch or escapement are estimated by weighting the sample age distribution and its standard error for each sampling period by the total commercial catch (or escapement) during the same sample period.

The standard error for escapements not expanded were not corrected for finite population size and are therefore a conservative estimate.

Mean lengths and their standard errors are calculated for fish in each sex and age class within each sampling period from each fishery and escapement that length data was available. Sampling goals from the catch are to collect sufficient numbers from each stratum in order to estimate the average length of each major (greater than 10% of the catch) age class to within $\pm 5$ percentage points 90% of the time. A general sampling goal of 130 lengths per week was established for all districts except the 111 and 115 gill net fisheries where stock specific length composition estimates were desired and the goal was 300 lengths per week. Unweighted mean length and standard error for the entire season was calculated for each age class by summing samples over all time periods within each age class.

## RESULTS

Detailed age and length compositions of sockeye salmon harvested in gill net districts are presented in Appendix B. Organization is by ascending district number.

Detailed age and length compositions of sockeye salmon harvested in purse seine districts are presented in Appendix C., by ascending district number.

Detailed age and length compositions of sockeye salmon harvested in test fisheries in Districts 102, 106, 108 and 111 are presented in Appendix D.

Detailed age and length compositions and daily weir counts of sockeye salmon to escapements are presented in Appendix E. Organization is by ascending stream code number.

Summaries of catches, escapements, age, sex, size, and migratory timing data are presented in McPherson et al. (1988).

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# APPENDICES

Appendix A.1 Numbered calendar weeks (i.e., statistical weeks) used to report commercial catches, 1987.

| Week Number | From | To | Week Number | From | To |
|---|---|---|---|---|---|
| 1 | Jan 1 | Jan 3 | 28 | Jul 5 | Jul 11 |
| 2 | Jan 4 | Jan 10 | 29 | Jul 12 | Jul 18 |
| 3 | Jan 11 | Jan 17 | 30 | Jul 19 | Jul 25 |
| 4 | Jan 18 | Jan 24 | 31 | Jul 26 | Aug 1 |
| 5 | Jan 25 | Jan 31 | 32 | Aug 2 | Aug 8 |
| 6 | Feb 1 | Feb 7 | 33 | Aug 9 | Aug 15 |
| 7 | Feb 8 | Feb 14 | 34 | Aug 16 | Aug 22 |
| 8 | Feb 15 | Feb 21 | 35 | Aug 23 | Aug 29 |
| 9 | Feb 22 | Feb 28 | 36 | Aug 30 | Sep 5 |
| 10 | Mar 1 | Mar 7 | 37 | Sep 6 | Sep 12 |
| 11 | Mar 8 | Mar 14 | 38 | Sep 13 | Sep 19 |
| 12 | Mar 15 | Mar 21 | 39 | Sep 20 | Sep 26 |
| 13 | Mar 22 | Mar 28 | 40 | Sep 27 | Oct 3 |
| 14 | Mar 29 | Apr 4 | 41 | Oct 4 | Oct 10 |
| 15 | Apr 5 | Apr 11 | 42 | Oct 11 | Oct 17 |
| 16 | Apr 12 | Apr 18 | 43 | Oct 18 | Oct 24 |
| 17 | Apr 19 | Apr 25 | 44 | Oct 25 | Oct 31 |
| 18 | Apr 26 | May 2 | 45 | Nov 1 | Nov 7 |
| 19 | May 3 | May 9 | 46 | Nov 8 | Nov 14 |
| 20 | May 10 | May 16 | 47 | Nov 15 | Nov 21 |
| 21 | May 17 | May 23 | 48 | Nov 22 | Nov 28 |
| 22 | May 24 | May 30 | 49 | Nov 29 | Dec 5 |
| 23 | May 31 | Jun 6 | 50 | Dec 6 | Dec 12 |
| 24 | Jun 7 | Jun 13 | 51 | Dec 13 | Dec 19 |
| 24 | Jun 14 | Jun 20 | 52 | Dec 20 | Dec 26 |
| 26 | Jun 21 | Jun 27 | 53 | Dec 27 | Dec 31 |
| 27 | Jun 28 | Jul 4 | | | |

Appendix A.2. Sample size needed to describe the age composition of a 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 | 218 | 238 | 251 | 261 | 267 | 273 |
| 1,000 | 278 | 312 | 334 | 352 | 364 | 376 |
| 1,500 | 307 | 349 | 376 | 399 | 414 | 429 |
| 2,000 | 323 | 370 | 401 | 427 | 445 | 462 |
| 2,500 | 334 | 384 | 418 | 446 | 466 | 485 |
| 3,000 | 341 | 394 | 430 | 460 | 481 | 501 |
| 3,500 | 347 | 402 | 439 | 470 | 492 | 513 |
| 4,000 | 351 | 408 | 446 | 478 | 501 | 523 |
| 4,500 | 355 | 412 | 452 | 485 | 508 | 530 |
| 5,000 | 358 | 416 | 456 | 490 | 513 | 537 |
| 6,000 | 362 | 422 | 463 | 498 | 522 | 546 |
| 7,000 | 365 | 426 | 468 | 504 | 529 | 554 |
| 8,000 | 367 | 430 | 472 | 509 | 534 | 559 |
| 9,000 | 369 | 432 | 476 | 512 | 538 | 563 |
| 10,000 | 371 | 434 | 478 | 515 | 541 | 567 |
| 15,000 | 375 | 441 | 486 | 524 | 551 | 578 |
| 20,000 | 378 | 444 | 490 | 529 | 556 | 583 |
| 25,000 | 379 | 446 | 492 | 531 | 559 | 587 |
| 30,000 | 380 | 447 | 494 | 533 | 561 | 589 |
| 35,000 | 381 | 448 | 495 | 535 | 563 | 591 |
| 40,000 | 381 | 449 | 496 | 536 | 564 | 592 |
| 45,000 | 382 | 449 | 496 | 537 | 565 | 593 |
| 50,000 | 382 | 450 | 497 | 537 | 566 | 594 |
| 60,000 | 383 | 451 | 498 | 538 | 567 | 595 |
| 70,000 | 383 | 451 | 498 | 539 | 567 | 596 |
| 80,000 | 383 | 451 | 499 | 539 | 568 | 597 |
| 90,000 | 383 | 452 | 499 | 540 | 568 | 597 |
| 100,000 | 384 | 452 | 499 | 540 | 569 | 597 |
| infinite | 385 | 454 | 502 | 543 | 572 | 601 |

[a] Based on Cochran (1977) using the following formula:

$$n' = \frac{n_o}{1 + \frac{(n_o - 1)}{N}}$$

Where: $n'$ = adjusted sample size
$n_o$ = sample size needed for an infinitely large population
$N$ = population size

Appendix B.1 Age composition of sockeye salmon in the District 101 gill net catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1985 | 1984 | | 1983 | | | 1982 | | 1981 | | 1980 | | | |
| | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 2.4 | 3.3 | 4.2 | Total |
| Statistical Week 26 (June 21 - 27) | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | | 19 | 21 | | 157 | 91 | 48 | | | | | 336 |
| Percent | | | | 2.8 | 3.1 | | 23.1 | 13.4 | 7.1 | | | | | 49.5 |
| Std. Error | | | | 0.6 | 0.7 | | 1.8 | 1.3 | 1.0 | | | | | 1.9 |
| Number | | | | 438 | 485 | | 3622 | 2099 | 1107 | | | | | 7751 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | 3 | | 29 | 19 | | 145 | 107 | 38 | | | 2 | | 343 |
| Percent | | 0.4 | | 4.3 | 2.8 | | 21.4 | 15.8 | 5.6 | | | 0.3 | | 50.5 |
| Std. Error | | 0.2 | | 0.8 | 0.6 | | 1.5 | 1.4 | 0.9 | | | 0.2 | | 1.9 |
| Number | | 69 | | 669 | 438 | | 3345 | 2468 | 877 | | | 46 | | 7912 |
| All Fish | | | | | | | | | | | | | | |
| Sample Number | | 3 | | 48 | 40 | | 302 | 198 | 86 | | | 2 | | 679 |
| Percent | | 0.4 | | 7.1 | 5.9 | | 44.5 | 29.2 | 12.7 | | | 0.3 | | 100.0 |
| Std. Error | | 0.2 | | 1.0 | 0.9 | | 1.9 | 1.7 | 1.2 | | | 0.2 | | |
| Number | | 69 | | 1107 | 923 | | 6967 | 4567 | 1984 | | | 46 | | 15663 |
| Statistical Week 27 (June 28 - July 4) | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | 1 | 1 | | 5 | 13 | | 237 | 67 | 28 | | | 1 | | 353 |
| Percent | 0.2 | 0.2 | | 0.8 | 2.1 | | 37.7 | 10.7 | 4.5 | | | 0.2 | | 56.2 |
| Std. Error | 0.2 | 0.2 | | 0.3 | 0.6 | | 1.9 | 1.2 | 0.8 | | | 0.2 | | 1.9 |
| Number | 28 | 28 | | 140 | 364 | | 6627 | 1874 | 783 | | | 28 | | 9872 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | | 4 | 19 | | 180 | 61 | 11 | | | | | 275 |
| Percent | | | | 0.6 | 3.0 | | 28.7 | 9.7 | 1.8 | | | | | 43.8 |
| Std. Error | | | | 0.3 | 0.7 | | 1.8 | 1.2 | 0.5 | | | | | 1.9 |
| Number | | | | 112 | 531 | | 5033 | 1706 | 308 | | | | | 7690 |
| All Fish | | | | | | | | | | | | | | |
| Sample Number | 1 | 1 | | 9 | 32 | | 417 | 128 | 39 | | | 1 | | 628 |
| Percent | 0.2 | 0.2 | | 1.4 | 5.1 | | 66.4 | 20.4 | 6.2 | | | 0.2 | | 100.0 |
| Std. Error | 0.2 | 0.2 | | 0.5 | 0.9 | | 1.9 | 1.6 | 0.9 | | | 0.2 | | |
| Number | 28 | 28 | | 252 | 895 | | 11660 | 3580 | 1091 | | | 28 | | 17562 |
| Statistical Week 28 (July 5 - 11) | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | | | 19 | | 166 | 70 | 44 | | | 3 | | 302 |
| Percent | | | | | 3.1 | | 27.0 | 11.4 | 7.2 | | | 0.5 | | 49.1 |
| Std. Error | | | | | 0.7 | | 1.7 | 1.2 | 1.0 | | | 0.3 | | 2.0 |
| Number | | | | | 313 | | 2731 | 1152 | 724 | | | 49 | | 4969 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | | 2 | 30 | | 179 | 81 | 20 | | | 1 | | 313 |
| Percent | | | | 0.3 | 4.9 | | 29.1 | 13.2 | 3.3 | | | 0.2 | | 50.9 |
| Std. Error | | | | 0.2 | 0.8 | | 1.8 | 1.3 | 0.7 | | | 0.2 | | 2.0 |
| Number | | | | 33 | 494 | | 2945 | 1333 | 329 | | | 16 | | 5150 |
| All Fish 1/ | | | | | | | | | | | | | | |
| Sample Number | | | | 2 | 49 | | 346 | 151 | 64 | | | 4 | | 616 |
| Percent | | | | 0.3 | 8.0 | | 56.2 | 24.5 | 10.4 | | | 0.6 | | 100.0 |
| Std. Error | | | | 0.2 | 1.1 | | 1.9 | 1.7 | 1.2 | | | 0.3 | | |
| Number | | | | 33 | 807 | | 5694 | 2485 | 1052 | | | 65 | | 10136 |
| Statistical Week 29 (July 12 - 18) | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | | 2 | 42 | 1 | 284 | 63 | 34 | 1 | | 2 | | 429 |
| Percent | | | | 0.3 | 5.6 | 0.1 | 37.7 | 8.4 | 4.5 | 0.1 | | 0.3 | | 56.9 |
| Std. Error | | | | 0.2 | 0.8 | 0.1 | 1.7 | 1.0 | 0.7 | 0.1 | | 0.2 | | 1.7 |
| Number | | | | 25 | 532 | 13 | 3599 | 798 | 431 | 13 | | 25 | | 5436 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | | 1 | 25 | | 227 | 45 | 26 | 1 | | | | 325 |
| Percent | | | | 0.1 | 3.3 | | 30.1 | 6.0 | 3.4 | 0.1 | | | | 43.1 |
| Std. Error | | | | 0.1 | 0.6 | | 1.6 | 0.8 | 0.6 | 0.1 | | | | 1.7 |
| Number | | | | 13 | 317 | | 2877 | 570 | 329 | 13 | | | | 4119 |
| All Fish | | | | | | | | | | | | | | |
| Sample Number | | | | 3 | 67 | 1 | 511 | 108 | 60 | 2 | | 2 | | 754 |
| Percent | | | | 0.4 | 8.9 | 0.1 | 67.8 | 14.3 | 8.0 | 0.3 | | 0.3 | | 100.0 |
| Std. Error | | | | 0.2 | 1.0 | 0.1 | 1.6 | 1.2 | 0.9 | 0.2 | | 0.2 | | |
| Number | | | | 38 | 849 | 13 | 6476 | 1368 | 760 | 26 | | 25 | | 9555 |
| Statistical Week 30 (July 19 - 25) | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | | 1 | 23 | | 246 | 84 | 35 | | | | | 389 |
| Percent | | | | 0.1 | 2.6 | | 27.5 | 9.4 | 3.9 | | | | | 43.5 |
| Std. Error | | | | 0.1 | 0.5 | | 1.5 | 1.0 | 0.6 | | | | | 1.6 |
| Number | | | | 19 | 443 | | 4732 | 1616 | 673 | | | | | 7483 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | 1 | 2 | 43 | | 340 | 85 | 34 | | | | | 505 |
| Percent | | | 0.1 | 0.2 | 4.8 | | 38.0 | 9.5 | 3.8 | | | | | 56.5 |
| Std. Error | | | 0.1 | 0.2 | 0.7 | | 1.6 | 1.0 | 0.6 | | | | | 1.6 |
| Number | | | 19 | 38 | 827 | | 6542 | 1635 | 654 | | | | | 9715 |
| All Fish 1/ | | | | | | | | | | | | | | |
| Sample Number | | | 1 | 3 | 66 | | 587 | 169 | 69 | | | | | 895 |
| Percent | | | 0.1 | 0.3 | 7.4 | | 65.6 | 18.9 | 7.7 | | | | | 100.0 |
| Std. Error | | | 0.1 | 0.2 | 0.9 | | 1.5 | 1.3 | 0.9 | | | | | |
| Number | | | 19 | 57 | 1270 | | 11293 | 3251 | 1327 | | | | | 17217 |

-Continued-

Appendix B.1 Age composition of sockeye salmon in the District 101 gill net catch by sex, age class, and fishing period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1985 | 1984 | | 1983 | | | 1982 | | 1981 | | 1980 | | | |
| | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 2.4 | 3.3 | 4.2 | Total |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | 6 | | 18 | | 173 | 71 | 32 | | | | | 300 |
| Percent | | | 0.9 | | 2.8 | | 26.5 | 10.9 | 4.9 | | | | | 46.0 |
| Std. Error | | | 0.4 | | 0.6 | | 1.6 | 1.2 | 0.8 | | | | | 1.9 |
| Number | | | 65 | | 195 | | 1877 | 770 | 347 | | | | | 3254 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | 1 | 3 | 22 | | 216 | 76 | 34 | | | | | 352 |
| Percent | | | 0.2 | 0.5 | 3.4 | | 33.1 | 11.7 | 5.2 | | | | | 54.0 |
| Std. Error | | | 0.1 | 0.3 | 0.7 | | 1.8 | 1.2 | 0.8 | | | | | 1.9 |
| Number | | | 11 | 33 | 239 | | 2341 | 824 | 369 | | | | | 3817 |
| All Fish | | | | | | | | | | | | | | |
| Sample Number | | | 7 | 3 | 40 | | 389 | 147 | 66 | | | | | 652 |
| Percent | | | 1.1 | 0.5 | 6.1 | | 59.7 | 22.5 | 10.1 | | | | | 100.0 |
| Std. Error | | | 0.4 | 0.3 | 0.9 | | 1.8 | 1.6 | 1.1 | | | | | |
| Number | | | 76 | 33 | 434 | | 4218 | 1594 | 716 | | | | | 7071 |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | | 1 | 20 | 1 | 80 | 92 | 31 | 2 | | 1 | | 228 |
| Percent | | | | 0.2 | 3.2 | 0.2 | 12.7 | 14.6 | 4.9 | 0.3 | | 0.2 | | 36.2 |
| Std. Error | | | | 0.2 | 0.7 | 0.2 | 1.3 | 1.4 | 0.8 | 0.2 | | 0.2 | | 1.9 |
| Number | | | | 27 | 546 | 27 | 2183 | 2511 | 846 | 55 | | 27 | | 6222 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | | | 44 | | 134 | 194 | 28 | 1 | | | | 401 |
| Percent | | | | | 7.0 | | 21.3 | 30.8 | 4.5 | 0.2 | | | | 63.8 |
| Std. Error | | | | | 1.0 | | 1.6 | 1.8 | 0.8 | 0.2 | | | | 1.9 |
| Number | | | | | 1201 | | 3657 | 5294 | 764 | 27 | | | | 10943 |
| All Fish 1/ | | | | | | | | | | | | | | |
| Sample Number | | | | 1 | 65 | 1 | 214 | 286 | 60 | 3 | | 1 | | 631 |
| Percent | | | | 0.2 | 10.3 | 0.2 | 33.9 | 45.3 | 9.5 | 0.5 | | 0.2 | | 100.0 |
| Std. Error | | | | 0.2 | 1.2 | 0.2 | 1.9 | 1.9 | 1.1 | 0.3 | | 0.2 | | |
| Number | | | | 27 | 1774 | 27 | 5840 | 7805 | 1637 | 82 | | 27 | | 17219 |
| **Statistical Week 33 (August 9 - 15)** | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | 5 | | 31 | 2 | 98 | 122 | 45 | | 1 | | | 304 |
| Percent | | | 0.7 | | 4.6 | 0.3 | 14.7 | 18.3 | 6.7 | | 0.1 | | | 45.6 |
| Std. Error | | | 0.3 | | 0.8 | 0.2 | 1.3 | 1.5 | 0.9 | | 0.1 | | | 1.9 |
| Number | | | 85 | | 524 | 34 | 1662 | 2069 | 763 | | 17 | | | 5154 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | | 1 | 75 | | 133 | 133 | 21 | | | | | 363 |
| Percent | | | | 0.1 | 11.2 | | 19.9 | 19.9 | 3.1 | | | | | 54.4 |
| Std. Error | | | | 0.1 | 1.2 | | 1.5 | 1.5 | 0.7 | | | | | 1.9 |
| Number | | | | 17 | 1272 | | 2255 | 2255 | 356 | | | | | 6155 |
| All Fish | | | | | | | | | | | | | | |
| Sample Number | | | 5 | 1 | 106 | 2 | 231 | 255 | 66 | | 1 | | | 667 |
| Percent | | | 0.7 | 0.1 | 15.9 | 0.3 | 34.6 | 38.2 | 9.9 | | 0.1 | | | 100.0 |
| Std. Error | | | 0.3 | 0.1 | 1.4 | 0.2 | 1.8 | 1.8 | 1.1 | | 0.1 | | | |
| Number | | | 85 | 17 | 1796 | 34 | 3917 | 4324 | 1119 | | 17 | | | 11309 |
| **Statistical Weeks 35 - 39 (August 23 - Sept. 26)** | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | 2 | 1 | 40 | 2 | 78 | 87 | 41 | 1 | | | | 252 |
| Percent | | | 0.4 | 0.2 | 8.4 | 0.4 | 16.3 | 18.2 | 8.6 | 0.2 | | | | 52.6 |
| Std. Error | | | 0.3 | 0.2 | 1.1 | 0.3 | 1.5 | 1.5 | 1.1 | 0.2 | | | | 2.0 |
| Number | | | 8 | 4 | 154 | 8 | 301 | 335 | 158 | 4 | | | | 972 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | | 1 | 33 | | 77 | 81 | 32 | 1 | 1 | | 1 | 227 |
| Percent | | | | 0.2 | 6.9 | | 16.1 | 16.9 | 6.7 | 0.2 | 0.2 | | 0.2 | 47.4 |
| Std. Error | | | | 0.2 | 1.0 | | 1.4 | 1.5 | 1.0 | 0.2 | 0.2 | | 0.2 | 2.0 |
| Number | | | | 4 | 127 | | 297 | 313 | 123 | 4 | 4 | | 4 | 876 |
| All Fish | | | | | | | | | | | | | | |
| Sample Number | | | 2 | 2 | 73 | 2 | 155 | 168 | 73 | 2 | 1 | | 1 | 479 |
| Percent | | | 0.4 | 0.4 | 15.2 | 0.4 | 32.4 | 35.1 | 15.2 | 0.4 | 0.2 | | 0.2 | 100.0 |
| Std. Error | | | 0.3 | 0.3 | 1.4 | 0.3 | 1.8 | 1.9 | 1.4 | 0.3 | 0.2 | | 0.2 | |
| Number | | | 8 | 8 | 281 | 8 | 598 | 648 | 281 | 8 | 4 | | 4 | 1848 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | 1 | 1 | 13 | 29 | 227 | 6 | 1519 | 747 | 338 | 4 | 1 | 7 | | 2893 |
| Percent | <0.1 | <0.1 | 0.1 | 0.6 | 3.3 | 0.1 | 25.4 | 12.3 | 5.4 | 0.1 | <0.1 | 0.1 | | 47.6 |
| Std. Error | <0.1 | <0.1 | <0.1 | 0.1 | 0.2 | <0.1 | 0.6 | 0.4 | 0.3 | <0.1 | <0.1 | <0.1 | | 0.7 |
| Number | 28 | 28 | 158 | 653 | 3556 | 82 | 27334 | 13224 | 5832 | 72 | 17 | 129 | | 51113 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | 3 | 2 | 43 | 310 | | 1631 | 863 | 244 | 3 | 1 | 3 | 1 | 3104 |
| Percent | | 0.1 | <0.1 | 0.9 | 5.1 | | 27.3 | 15.3 | 3.8 | <0.1 | <0.1 | 0.1 | <0.1 | 52.4 |
| Std. Error | | <0.1 | <0.1 | 0.1 | 0.3 | | 0.6 | 0.5 | 0.3 | <0.1 | <0.1 | <0.1 | <0.1 | 0.7 |
| Number | | 69 | 30 | 919 | 5446 | | 29292 | 16398 | 4109 | 44 | 4 | 62 | 4 | 56377 |
| All Fish 1/ | | | | | | | | | | | | | | |
| Sample Number | 1 | 4 | 15 | 72 | 538 | 6 | 3152 | 1610 | 583 | 7 | 2 | 10 | 1 | 6001 |
| Percent | <0.1 | 0.1 | 0.2 | 1.5 | 8.4 | 0.1 | 52.7 | 27.5 | 9.3 | 0.1 | <0.1 | 0.2 | <0.1 | 100.0 |
| Std. Error | <0.1 | <0.1 | <0.1 | 0.2 | 0.4 | <0.1 | 0.6 | 0.6 | 0.4 | <0.1 | <0.1 | 0.1 | <0.1 | |
| Number | 28 | 97 | 188 | 1572 | 9029 | 82 | 56663 | 29622 | 9967 | 116 | 21 | 191 | 4 | 107580 |

1/ Includes unsexed fish totals.

Appendix B.2 Length composition of sockeye salmon in the District 101 gill net catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | 1982 | | 1981 | | 1980 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 | 3.2 | 3.3 |
| **Statistical Week 26 (June 21 - 27)** | | | | | | | | | | |
| Male | Avg. Length | | | 580 | 527 | 594 | 571 | 615 | | |
| | Std. Error | | | 9.5 | 6.0 | 4.0 | 4.4 | 5.6 | | |
| | Sample Size | | | 5 | 3 | 26 | 14 | 11 | | |
| Female | Avg. Length | 495 | | | 580 | 598 | 552 | 598 | | |
| | Std. Error | | | | | 4.8 | 4.1 | 6.0 | | |
| | Sample Size | 1 | | | 1 | 24 | 26 | 9 | | |
| All Fish | Avg. Length | 495 | | 580 | 540 | 596 | 559 | 607 | | |
| | Std. Error | | | 9.5 | 14.0 | 3.1 | 3.4 | 4.4 | | |
| | Sample Size | 1 | | 5 | 4 | 50 | 40 | 20 | | |
| **Statistical Week 27 (June 28 - July 4)** | | | | | | | | | | |
| Male | Avg. Length | | | 590 | 526 | 596 | 567 | 620 | | 630 |
| | Std. Error | | | | 16.4 | 2.9 | 8.1 | 9.5 | | |
| | Sample Size | | | 1 | 4 | 51 | 11 | 5 | | 1 |
| Female | Avg. Length | | | | 565 | 588 | 550 | 593 | | |
| | Std. Error | | | | 25.0 | 4.3 | 6.9 | 12.5 | | |
| | Sample Size | | | | 2 | 33 | 13 | 2 | | |
| All Fish | Avg. Length | | | 590 | 539 | 593 | 558 | 612 | | 630 |
| | Std. Error | | | | 14.7 | 2.4 | 5.4 | 8.7 | | |
| | Sample Size | | | 1 | 6 | 84 | 24 | 7 | | 1 |
| **Statistical Week 28 (July 5 - 11)** | | | | | | | | | | |
| Male | Avg. Length | | | | 552 | 599 | 569 | 600 | | 565 |
| | Std. Error | | | | 9.9 | 3.8 | 8.8 | 9.6 | | |
| | Sample Size | | | | 6 | 32 | 11 | 10 | | 1 |
| Female | Avg. Length | | | 605 | 535 | 588 | 548 | 610 | | 635 |
| | Std. Error | | | | 9.2 | 4.3 | 5.2 | | | |
| | Sample Size | | | 1 | 7 | 33 | 14 | 1 | | 1 |
| All Fish | Avg. Length | | | 605 | 543 | 593 | 557 | 600 | | 600 |
| | Std. Error | | | | 6.9 | 2.9 | 5.2 | 8.7 | | 35.0 |
| | Sample Size | | | 1 | 13 | 65 | 25 | 11 | | 2 |
| **Statistical Week 29 (July 12 - 18)** | | | | | | | | | | |
| Male | Avg. Length | | | | 544 | 596 | 597 | 610 | | |
| | Std. Error | | | | 19.7 | 3.5 | 11.7 | 16.7 | | |
| | Sample Size | | | | 4 | 44 | 3 | 4 | | |
| Female | Avg. Length | | | 620 | 516 | 586 | 564 | 554 | | |
| | Std. Error | | | | 14.0 | 2.9 | 7.9 | 13.5 | | |
| | Sample Size | | | 1 | 6 | 57 | 9 | 5 | | |
| All Fish | Avg. Length | | | 620 | 527 | 591 | 573 | 579 | | |
| | Std. Error | | | | 11.8 | 2.3 | 7.6 | 13.9 | | |
| | Sample Size | | | 1 | 10 | 101 | 12 | 9 | | |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | | |
| Male | Avg. Length | | | | 556 | 592 | 569 | 619 | | |
| | Std. Error | | | | 15.6 | 7.5 | 8.4 | 13.3 | | |
| | Sample Size | | | | 4 | 39 | 17 | 4 | | |
| Female | Avg. Length | | | | 528 | 584 | 571 | 596 | | |
| | Std. Error | | | | 5.2 | 2.1 | 5.2 | 5.3 | | |
| | Sample Size | | | | 14 | 79 | 19 | 5 | | |
| All Fish | Avg. Length | | | | 534 | 586 | 570 | 606 | | |
| | Std. Error | | | | 5.8 | 2.8 | 4.7 | 7.3 | | |
| | Sample Size | | | | 18 | 118 | 36 | 9 | | |

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Appendix B.2 Length composition of sockeye salmon in the District 101 gill net catch by sex, age class, and fishing period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | 1982 | | 1981 | | 1980 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 | 3.2 | 3.3 |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | |
| Male | Avg. Length | | 340 | | | 594 | 583 | 603 | | |
| | Std. Error | | | | | 5.1 | 6.6 | 11.2 | | |
| | Sample Size | | 1 | | | 35 | 13 | 6 | | |
| Female | Avg. Length | | | 578 | 519 | 587 | 573 | 594 | | |
| | Std. Error | | | 2.5 | 13.4 | 2.9 | 7.2 | 16.1 | | |
| | Sample Size | | | 2 | 4 | 44 | 15 | 6 | | |
| All Fish | Avg. Length | | 340 | 578 | 519 | 590 | 578 | 599 | | |
| | Std. Error | | | 2.5 | 13.4 | 2.8 | 4.9 | 9.5 | | |
| | Sample Size | | 1 | 2 | 4 | 79 | 28 | 12 | | |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | |
| Male | Avg. Length | | | | 508 | 614 | 596 | 635 | | |
| | Std. Error | | | | 13.6 | 6.1 | 5.4 | 19.3 | | |
| | Sample Size | | | | 4 | 19 | 20 | 5 | | |
| Female | Avg. Length | | | | 585 | 591 | 581 | 588 | | |
| | Std. Error | | | | 20.0 | 4.5 | 4.1 | 10.9 | | |
| | Sample Size | | | | 3 | 28 | 39 | 3 | | |
| All Fish | Avg. Length | | | | 541 | 601 | 586 | 618 | | |
| | Std. Error | | | | 18.8 | 4.0 | 3.4 | 14.8 | | |
| | Sample Size | | | | 7 | 47 | 59 | 8 | | |
| **Statistical Week 33 (August 9 - 15)** | | | | | | | | | | |
| Male | Avg. Length | | 370 | | 530 | 598 | 575 | 602 | | |
| | Std. Error | | | | 4.4 | 4.9 | 5.2 | 7.0 | | |
| | Sample Size | | 1 | | 23 | 50 | 48 | 25 | | |
| Female | Avg. Length | | | 575 | 540 | 592 | 565 | 594 | 605 | |
| | Std. Error | | | | 6.7 | 3.4 | 3.5 | 4.9 | | |
| | Sample Size | | | 1 | 32 | 69 | 65 | 20 | 1 | |
| All Fish | Avg. Length | | 370 | 575 | 536 | 594 | 569 | 598 | 605 | |
| | Std. Error | | | | 4.3 | 2.9 | 3.0 | 4.4 | | |
| | Sample Size | | 1 | 1 | 55 | 119 | 113 | 45 | 1 | |
| **Statistical Weeks 35 - 38 (August 23 - Sept. 19)** | | | | | | | | | | |
| Male | Avg. Length | | | | | | | | | |
| | Std. Error | | | | | | | | | |
| | Sample Size | | | | | | | | | |
| Female | Avg. Length | | | | | | | | | |
| | Std. Error | | | | | | | | | |
| | Sample Size | | | | | | | | | |
| All Fish | Avg. Length | | | | | | | | | |
| | Std. Error | | | | | | | | | |
| | Sample Size | | | | | | | | | |
| **Combined Periods (Unweighted)** | | | | | | | | | | |
| Male | Avg. Length | | 355 | 582 | 534 | 597 | 577 | 609 | | 598 |
| | Std. Error | | 15.0 | 7.9 | 3.9 | 1.7 | 2.7 | 3.7 | | 32.5 |
| | Sample Size | | 2 | 6 | 48 | 296 | 137 | 70 | | 2 |
| Female | Avg. Length | 495 | | 591 | 537 | 588 | 565 | 591 | 605 | 635 |
| | Std. Error | | | 9.1 | 4.1 | 1.2 | 1.9 | 3.6 | | |
| | Sample Size | 1 | | 5 | 69 | 367 | 200 | 51 | 1 | 1 |
| All Fish | Avg. Length | 495 | 355 | 586 | 536 | 592 | 570 | 601 | 605 | 610 |
| | Std. Error | | 15.0 | 5.9 | 2.9 | 1.0 | 1.6 | 2.7 | | 22.5 |
| | Sample Size | 1 | 2 | 11 | 117 | 663 | 337 | 121 | 1 | 3 |

Appendix B.3 Age composition of sockeye salmon in the District 106-30 (upper Clarence Strait) gill net catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1983 | | | 1982 | | 1981 | | | 1980 | | |
| | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| Statistical Weeks 26 - 27 (June 21 - July 4) | | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | 2 | 28 | | 240 | 30 | 1 | 25 | | | | 326 |
| Percent | 0.3 | 4.4 | | 38.0 | 4.7 | 0.2 | 4.0 | | | | 51.6 |
| Std. Error | 0.2 | 0.8 | | 1.8 | 0.8 | 0.1 | 0.7 | | | | 1.8 |
| Number | 13 | 186 | | 1599 | 200 | 7 | 166 | | | | 2171 |
| Female | | | | | | | | | | | |
| Sample Number | 2 | 15 | | 240 | 23 | | 26 | | | | 306 |
| Percent | 0.3 | 2.4 | | 38.0 | 3.6 | | 4.1 | | | | 48.4 |
| Std. Error | 0.2 | 0.6 | | 1.8 | 0.7 | | 0.7 | | | | 1.8 |
| Number | 13 | 100 | | 1599 | 153 | | 173 | | | | 2038 |
| All Fish 1/ | | | | | | | | | | | |
| Sample Number | 4 | 43 | | 482 | 53 | 1 | 51 | | | | 634 |
| Percent | 0.6 | 6.8 | | 76.0 | 8.4 | 0.2 | 8.0 | | | | 100.0 |
| Std. Error | 0.3 | 0.9 | | 1.6 | 1.0 | 0.1 | 1.0 | | | | |
| Number | 26 | 286 | | 3211 | 353 | 7 | 339 | | | | 4222 |
| Statistical Week 28 (July 5 - 11) | | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | | 46 | | 203 | 32 | | 42 | 1 | | | 324 |
| Percent | | 7.7 | | 34.1 | 5.4 | | 7.0 | 0.2 | | | 54.4 |
| Std. Error | | 1.0 | | 1.8 | 0.9 | | 1.0 | 0.2 | | | 1.9 |
| Number | | 430 | | 1897 | 299 | | 393 | 9 | | | 3028 |
| Female | | | | | | | | | | | |
| Sample Number | 1 | 22 | | 181 | 22 | 1 | 45 | | | | 272 |
| Percent | 0.2 | 3.7 | | 30.4 | 3.7 | 0.2 | 7.6 | | | | 45.6 |
| Std. Error | 0.2 | 0.7 | | 1.8 | 0.7 | 0.2 | 1.0 | | | | 1.9 |
| Number | 9 | 206 | | 1692 | 206 | 9 | 420 | | | | 2542 |
| All Fish | | | | | | | | | | | |
| Sample Number | 1 | 68 | | 384 | 54 | 1 | 87 | 1 | | | 596 |
| Percent | 0.2 | 11.4 | | 64.4 | 9.1 | 0.2 | 14.6 | 0.2 | | | 100.0 |
| Std. Error | 0.2 | 1.2 | | 1.9 | 1.1 | 0.2 | 1.4 | 0.2 | | | |
| Number | 9 | 636 | | 3589 | 505 | 9 | 813 | 9 | | | 5570 |
| Statistical Week 29 (July 12 - 18) | | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | 1 | 40 | | 331 | 37 | 2 | 86 | 2 | | 1 | 500 |
| Percent | 0.2 | 6.2 | | 51.2 | 5.7 | 0.3 | 13.3 | 0.3 | | 0.2 | 77.3 |
| Std. Error | 0.1 | 0.9 | | 1.9 | 0.9 | 0.2 | 1.3 | 0.2 | | 0.1 | 1.6 |
| Number | 13 | 527 | | 4362 | 488 | 26 | 1133 | 26 | | 13 | 6588 |
| Female | | | | | | | | | | | |
| Sample Number | | 8 | | 104 | 4 | | 29 | 1 | | 1 | 147 |
| Percent | | 1.2 | | 16.1 | 0.6 | | 4.5 | 0.2 | | 0.2 | 22.7 |
| Std. Error | | 0.4 | | 1.4 | 0.3 | | 0.8 | 0.1 | | 0.1 | 1.6 |
| Number | | 105 | | 1370 | 54 | | 382 | 13 | | 13 | 1937 |
| All Fish | | | | | | | | | | | |
| Sample Number | 1 | 48 | | 435 | 41 | 2 | 115 | 3 | | 2 | 647 |
| Percent | 0.2 | 7.4 | | 67.2 | 6.3 | 0.3 | 17.8 | 0.5 | | 0.3 | 100.0 |
| Std. Error | 0.1 | 1.0 | | 1.8 | 0.9 | 0.2 | 1.4 | 0.3 | | 0.2 | |
| Number | 13 | 632 | | 5732 | 542 | 26 | 1515 | 39 | | 26 | 8525 |
| Statistical Week 30 (July 19 - 25) | | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | | 35 | 2 | 223 | 23 | | 58 | | | | 341 |
| Percent | | 5.7 | 0.3 | 36.6 | 3.8 | | 9.5 | | | | 55.9 |
| Std. Error | | 0.9 | 0.2 | 1.9 | 0.7 | | 1.2 | | | | 2.0 |
| Number | | 610 | 35 | 3890 | 401 | | 1012 | | | | 5948 |
| Female | | | | | | | | | | | |
| Sample Number | 1 | 22 | | 184 | 15 | | 47 | | | | 269 |
| Percent | 0.2 | 3.6 | | 30.2 | 2.5 | | 7.7 | | | | 44.1 |
| Std. Error | 0.2 | 0.7 | | 1.8 | 0.6 | | 1.0 | | | | 2.0 |
| Number | 17 | 384 | | 3209 | 262 | | 820 | | | | 4692 |
| All Fish | | | | | | | | | | | |
| Sample Number | 1 | 57 | 2 | 407 | 38 | | 105 | | | | 610 |
| Percent | 0.2 | 9.3 | 0.3 | 66.7 | 6.2 | | 17.2 | | | | 100.0 |
| Std. Error | 0.2 | 1.1 | 0.2 | 1.9 | 1.0 | | 1.5 | | | | |
| Number | 17 | 994 | 35 | 7099 | 663 | | 1832 | | | | 10640 |

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Appendix B.3 Age composition of sockeye salmon in the District 106-30 (upper Clarence Strait) gill net catch by sex, age class, and fishing period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1983 | | | 1982 | | 1981 | | | 1980 | | |
| | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | | |
| **Male** | | | | | | | | | | | |
| Sample Number | 1 | 35 | | 182 | 22 | | 63 | | | | 303 |
| Percent | 0.2 | 5.5 | | 28.4 | 3.4 | | 9.8 | | | | 47.3 |
| Std. Error | 0.2 | 0.9 | | 1.7 | 0.7 | | 1.1 | | | | 1.9 |
| Number | 20 | 697 | | 3625 | 438 | | 1254 | | | | 6034 |
| **Female** | | | | | | | | | | | |
| Sample Number | | 11 | 1 | 224 | 25 | 1 | 76 | | | | 338 |
| Percent | | 1.7 | 0.2 | 34.9 | 3.9 | 0.2 | 11.9 | | | | 52.7 |
| Std. Error | | 0.5 | 0.2 | 1.8 | 0.7 | 0.2 | 1.2 | | | | 1.9 |
| Number | | 219 | 20 | 4461 | 498 | 20 | 1514 | | | | 6732 |
| **All Fish** | | | | | | | | | | | |
| Sample Number | 1 | 46 | 1 | 406 | 47 | 1 | 139 | | | | 641 |
| Percent | 0.2 | 7.2 | 0.2 | 63.3 | 7.3 | 0.2 | 21.7 | | | | 100.0 |
| Std. Error | 0.2 | 1.0 | 0.2 | 1.9 | 1.0 | 0.2 | 1.6 | | | | |
| Number | 20 | 916 | 20 | 8086 | 936 | 20 | 2768 | | | | 12766 |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | | |
| **Male** | | | | | | | | | | | |
| Sample Number | 1 | 31 | 1 | 165 | 26 | 1 | 64 | 1 | 1 | 1 | 292 |
| Percent | 0.2 | 5.1 | 0.2 | 27.1 | 4.3 | 0.2 | 10.5 | 0.2 | 0.2 | 0.2 | 47.9 |
| Std. Error | 0.2 | 0.9 | 0.2 | 1.8 | 0.8 | 0.2 | 1.2 | 0.2 | 0.2 | 0.2 | 2.0 |
| Number | 20 | 606 | 20 | 3225 | 509 | 20 | 1252 | 20 | 20 | 20 | 5712 |
| **Female** | | | | | | | | | | | |
| Sample Number | 1 | 23 | | 178 | 29 | | 85 | | 1 | | 317 |
| Percent | 0.2 | 3.8 | | 29.2 | 4.8 | | 14.0 | | 0.2 | | 52.1 |
| Std. Error | 0.2 | 0.8 | | 1.8 | 0.8 | | 1.4 | | 0.2 | | 2.0 |
| Number | 20 | 450 | | 3481 | 567 | | 1663 | | 20 | | 6201 |
| **All Fish 1/** | | | | | | | | | | | |
| Sample Number | 2 | 54 | 1 | 344 | 55 | 1 | 150 | 1 | 2 | 1 | 611 |
| Percent | 0.3 | 8.8 | 0.2 | 56.3 | 9.0 | 0.2 | 24.5 | 0.2 | 0.3 | 0.2 | 100.0 |
| Std. Error | 0.2 | 1.1 | 0.2 | 2.0 | 1.1 | 0.2 | 1.7 | 0.2 | 0.2 | 0.2 | |
| Number | 40 | 1056 | 20 | 6727 | 1076 | 20 | 2934 | 20 | 40 | 20 | 11953 |
| **Statistical Weeks 33 - 38 (August 9 - Sept. 19)** | | | | | | | | | | | |
| **Male** | | | | | | | | | | | |
| Sample Number | | 38 | | 128 | 42 | | 60 | | | | 268 |
| Percent | | 6.1 | | 20.4 | 6.7 | | 9.6 | | | | 42.7 |
| Std. Error | | 0.9 | | 1.5 | 0.9 | | 1.1 | | | | 1.8 |
| Number | | 215 | | 725 | 238 | | 340 | | | | 1518 |
| **Female** | | | | | | | | | | | |
| Sample Number | 1 | 38 | 1 | 172 | 48 | | 98 | | 1 | | 359 |
| Percent | 0.2 | 6.1 | 0.2 | 27.4 | 7.7 | | 15.6 | | 0.2 | | 57.3 |
| Std. Error | 0.1 | 0.9 | 0.1 | 1.6 | 1.0 | | 1.3 | | 0.1 | | 1.8 |
| Number | 6 | 215 | 6 | 974 | 272 | | 555 | | 6 | | 2034 |
| **All Fish 1/** | | | | | | | | | | | |
| Sample Number | 1 | 77 | 1 | 304 | 90 | | 159 | | 1 | | 633 |
| Percent | 0.2 | 12.2 | 0.2 | 48.0 | 14.2 | | 25.1 | | 0.2 | | 100.0 |
| Std. Error | 0.1 | 1.2 | 0.1 | 1.8 | 1.3 | | 1.6 | | 0.1 | | |
| Number | 6 | 436 | 6 | 1721 | 510 | | 901 | | 6 | | 3586 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | | | |
| **Male** | | | | | | | | | | | |
| Sample Number | 5 | 253 | 3 | 1472 | 212 | 4 | 398 | 4 | 1 | 2 | 2354 |
| Percent | 0.1 | 5.7 | 0.1 | 33.8 | 4.5 | 0.1 | 9.7 | 0.1 | <0.1 | 0.1 | 54.2 |
| Std. Error | 0.1 | 0.4 | 0.1 | 0.7 | 0.3 | <0.1 | 0.5 | <0.1 | <0.1 | <0.1 | 0.8 |
| Number | 66 | 3271 | 55 | 19323 | 2573 | 53 | 5550 | 55 | 20 | 33 | 30999 |
| **Female** | | | | | | | | | | | |
| Sample Number | 6 | 139 | 2 | 1283 | 166 | 2 | 406 | 1 | 2 | 1 | 2008 |
| Percent | 0.1 | 2.9 | <0.1 | 29.4 | 3.5 | 0.1 | 9.7 | <0.1 | <0.1 | <0.1 | 45.8 |
| Std. Error | 0.1 | 0.3 | <0.1 | 0.7 | 0.3 | <0.1 | 0.5 | <0.1 | <0.1 | <0.1 | 0.8 |
| Number | 65 | 1679 | 26 | 16786 | 2012 | 29 | 5527 | 13 | 26 | 13 | 26176 |
| **All Fish 1/** | | | | | | | | | | | |
| Sample Number | 11 | 393 | 5 | 2762 | 378 | 6 | 806 | 5 | 3 | 3 | 4372 |
| Percent | 0.2 | 8.7 | 0.1 | 63.2 | 8.0 | 0.1 | 19.4 | 0.1 | 0.1 | 0.1 | 100.0 |
| Std. Error | 0.1 | 0.4 | 0.1 | 0.8 | 0.4 | 0.1 | 0.6 | 0.1 | <0.1 | <0.1 | |
| Number | 131 | 4956 | 81 | 36165 | 4585 | 82 | 11102 | 68 | 46 | 46 | 57262 |

1/ Includes unsexed fish totals.

Appendix B.4 Length composition of sockeye salmon in the District 106-30 (upper Clarence Strait) gill net catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | | 1982 | | 1981 | | 1980 |
| | | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 3.3 |
| **Statistical Weeks 26 - 27 (June 21 - July 4)** | | | | | | | | | |
| Male | Avg. Length | 515 | 556 | | 596 | 543 | 602 | | |
| | Std. Error | | 11.6 | | 4.1 | 10.9 | 6.4 | | |
| | Sample Size | 1 | 6 | | 47 | 6 | 5 | | |
| Female | Avg. Length | 595 | 529 | | 581 | 538 | 579 | | |
| | Std. Error | | 7.2 | | 2.7 | 6.0 | 9.2 | | |
| | Sample Size | 2 | 4 | | 52 | 3 | 8 | | |
| All Fish | Avg. Length | 568 | 545 | | 588 | 541 | 588 | | |
| | Std. Error | 26.7 | 8.5 | | 2.5 | 7.3 | 6.8 | | |
| | Sample Size | 3 | 10 | | 99 | 9 | 13 | | |
| **Statistical Week 28 (July 5 - 11)** | | | | | | | | | |
| Male | Avg. Length | | 521 | | 587 | 539 | 602 | 510 | |
| | Std. Error | | 6.0 | | 3.5 | 9.3 | 8.3 | | |
| | Sample Size | | 12 | | 40 | 7 | 9 | 1 | |
| Female | Avg. Length | 580 | 514 | | 578 | 535 | 591 | | |
| | Std. Error | | 7.7 | | 3.4 | 7.1 | 5.0 | | |
| | Sample Size | 1 | 9 | | 45 | 4 | 11 | | |
| All Fish | Avg. Length | 580 | 518 | | 582 | 538 | 596 | 510 | |
| | Std. Error | | 4.7 | | 2.5 | 6.3 | 4.7 | | |
| | Sample Size | 1 | 21 | | 85 | 11 | 20 | 1 | |
| **Statistical Week 29 (July 12 - 18)** | | | | | | | | | |
| Male | Avg. Length | | 564 | | 604 | 563 | 581 | | 545 |
| | Std. Error | | 19.0 | | 3.6 | 22.2 | 5.2 | | |
| | Sample Size | | 7 | | 57 | 5 | 17 | | 1 |
| Female | Avg. Length | | 555 | | 599 | 533 | 592 | | 560 |
| | Std. Error | | 20.0 | | 4.9 | 32.5 | 5.6 | | |
| | Sample Size | | 2 | | 37 | 2 | 6 | | 1 |
| All Fish | Avg. Length | | 562 | | 602 | 554 | 584 | | 553 |
| | Std. Error | | 15.0 | | 2.9 | 17.8 | 4.2 | | 7.5 |
| | Sample Size | | 9 | | 94 | 7 | 23 | | 2 |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | |
| Male | Avg. Length | | 541 | 370 | 602 | 538 | 604 | | |
| | Std. Error | | 5.8 | | 3.9 | 23.2 | 5.9 | | |
| | Sample Size | | 8 | 1 | 43 | 3 | 17 | | |
| Female | Avg. Length | | 490 | | 587 | 563 | 601 | | |
| | Std. Error | | | | 3.4 | 20.2 | 4.3 | | |
| | Sample Size | | 1 | | 49 | 4 | 10 | | |
| All Fish | Avg. Length | | 535 | 370 | 594 | 552 | 603 | | |
| | Std. Error | | 7.6 | | 2.7 | 14.7 | 4.0 | | |
| | Sample Size | | 9 | 1 | 92 | 7 | 27 | | |

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Appendix B.4 Length composition of sockeye salmon in the District 106-30 (upper Clarence Strait) gill net catch by sex, age class, and fishing period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | | 1982 | | 1981 | | 1980 |
| | | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 3.3 |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | |
| Male | Avg. Length | | 530 | | 592 | 580 | 600 | | |
| | Std. Error | | 16.8 | | 5.5 | | 2.9 | | |
| | Sample Size | | 9 | | 25 | 1 | 12 | | |
| Female | Avg. Length | | 550 | | 576 | 533 | 577 | | |
| | Std. Error | | 10.4 | | 4.1 | 17.5 | 4.0 | | |
| | Sample Size | | 3 | | 39 | 2 | 15 | | |
| All Fish | Avg. Length | | 535 | | 582 | 548 | 587 | | |
| | Std. Error | | 12.9 | | 3.4 | 18.8 | 3.3 | | |
| | Sample Size | | 12 | | 64 | 3 | 27 | | |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | |
| Male | Avg. Length | | 555 | | 610 | 558 | 592 | | |
| | Std. Error | | 15.9 | | 5.6 | 6.0 | 6.8 | | |
| | Sample Size | | 4 | | 25 | 3 | 11 | | |
| Female | Avg. Length | | 530 | | 587 | 615 | 593 | | |
| | Std. Error | | 17.3 | | 5.4 | | 6.6 | | |
| | Sample Size | | 3 | | 14 | 1 | 14 | | |
| All Fish | Avg. Length | | 544 | | 602 | 573 | 593 | | |
| | Std. Error | | 11.9 | | 4.4 | 14.8 | 4.7 | | |
| | Sample Size | | 7 | | 39 | 4 | 25 | | |
| **Statistical Weeks 33 - 38 (August 9 - Sept. 19)** | | | | | | | | | |
| Male | Avg. Length | | 548 | | 574 | 537 | 600 | | |
| | Std. Error | | 14.9 | | 16.2 | 15.9 | 5.3 | | |
| | Sample Size | | 7 | | 10 | 3 | 11 | | |
| Female | Avg. Length | | 545 | | 582 | 549 | 572 | | |
| | Std. Error | | 5.9 | | 5.1 | 10.7 | 7.0 | | |
| | Sample Size | | 6 | | 15 | 9 | 12 | | |
| All Fish | Avg. Length | | 547 | | 579 | 546 | 585 | | |
| | Std. Error | | 8.2 | | 7.0 | 8.8 | 5.3 | | |
| | Sample Size | | 13 | | 25 | 12 | 23 | | |
| **Combined Periods (Unweighted)** | | | | | | | | | |
| Male | Avg. Length | 515 | 541 | 370 | 598 | 547 | 596 | 510 | 545 |
| | Std. Error | | 5.1 | | 1.8 | 5.8 | 2.4 | | |
| | Sample Size | 1 | 53 | 1 | 247 | 28 | 82 | 1 | 1 |
| Female | Avg. Length | 590 | 531 | | 584 | 548 | 586 | | 560 |
| | Std. Error | 5.0 | 4.7 | | 1.5 | 6.3 | 2.5 | | |
| | Sample Size | 3 | 28 | | 251 | 25 | 76 | | 1 |
| All Fish | Avg. Length | 571 | 538 | 370 | 591 | 547 | 591 | 510 | 553 |
| | Std. Error | 19.1 | 3.7 | | 1.2 | 4.3 | 1.8 | | 7.5 |
| | Sample Size | 4 | 81 | 1 | 498 | 53 | 158 | 1 | 2 |

Appendix B.5 Age composition of sockeye salmon in the District 106-41 (Sumner Strait) gill net catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | 1981 | | | 1980 | | | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 1.5 | 2.4 | 3.3 | Total |
| **Statistical Week 26 (June 21 - 27)** | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | 1 | 33 | | 199 | 29 | 1 | 28 | 4 | | | | 295 |
| Percent | | | 0.2 | 5.3 | | 31.7 | 4.6 | 0.2 | 4.5 | 0.6 | | | | 47.0 |
| Std. Error | | | 0.1 | 0.8 | | 1.7 | 0.8 | 0.1 | 0.8 | 0.3 | | | | 1.8 |
| Number | | | 6 | 202 | | 1219 | 178 | 6 | 171 | 24 | | | | 1806 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | 5 | 17 | | 247 | 23 | | 40 | | | | 1 | 333 |
| Percent | | | 0.8 | 2.7 | | 39.3 | 3.7 | | 6.4 | | | | 0.2 | 53.0 |
| Std. Error | | | 0.3 | 0.6 | | 1.8 | 0.7 | | 0.9 | | | | 0.1 | 1.8 |
| Number | | | 31 | 104 | | 1512 | 141 | | 245 | | | | 6 | 2039 |
| All Fish | | | | | | | | | | | | | | |
| Sample Number | | | 6 | 50 | | 446 | 52 | 1 | 68 | 4 | | | 1 | 628 |
| Percent | | | 1.0 | 8.0 | | 71.0 | 8.3 | 0.2 | 10.8 | 0.6 | | | 0.2 | 100.0 |
| Std. Error | | | 0.4 | 1.0 | | 1.7 | 1.0 | 0.1 | 1.1 | 0.3 | | | 0.1 | |
| Number | | | 37 | 306 | | 2731 | 319 | 6 | 416 | 24 | | | 6 | 3845 |
| **Statistical Week 27 (June 28 - July 4)** | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | 2 | | 3 | 31 | | 202 | 32 | | 28 | 1 | | | | 299 |
| Percent | 0.3 | | 0.5 | 4.9 | | 32.0 | 5.1 | | 4.4 | 0.2 | | | | 47.3 |
| Std. Error | 0.2 | | 0.3 | 0.8 | | 1.8 | 0.8 | | 0.8 | 0.2 | | | | 1.9 |
| Number | 24 | | 36 | 368 | | 2397 | 380 | | 332 | 12 | | | | 3549 |
| Female | | | | | | | | | | | | | | |
| Sample Number | 1 | | 2 | 22 | | 244 | 25 | | 39 | | | | | 333 |
| Percent | 0.2 | | 0.3 | 3.5 | | 38.6 | 4.0 | | 6.2 | | | | | 52.7 |
| Std. Error | 0.2 | | 0.2 | 0.7 | | 1.9 | 0.7 | | 0.9 | | | | | 1.9 |
| Number | 12 | | 24 | 261 | | 2896 | 297 | | 463 | | | | | 3953 |
| All Fish 1/ | | | | | | | | | | | | | | |
| Sample Number | 3 | | 5 | 53 | | 447 | 57 | | 67 | 1 | | | | 633 |
| Percent | 0.5 | | 0.8 | 8.4 | | 70.6 | 9.0 | | 10.6 | 0.2 | | | | 100.0 |
| Std. Error | 0.3 | | 0.3 | 1.1 | | 1.7 | 1.1 | | 1.2 | 0.2 | | | | |
| Number | 36 | | 60 | 629 | | 5305 | 677 | | 795 | 12 | | | | 7514 |
| **Statistical Week 28 (July 5 - 11)** | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | 3 | 37 | | 177 | 24 | 1 | 34 | 2 | | | 1 | 279 |
| Percent | | | 0.5 | 5.9 | | 28.1 | 3.8 | 0.2 | 5.4 | 0.3 | | | 0.2 | 44.2 |
| Std. Error | | | 0.3 | 0.9 | | 1.8 | 0.7 | 0.2 | 0.9 | 0.2 | | | 0.2 | 1.9 |
| Number | | | 72 | 890 | | 4257 | 577 | 24 | 818 | 48 | | | 24 | 6710 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | 4 | 19 | | 261 | 18 | 1 | 48 | 1 | | | | 352 |
| Percent | | | 0.6 | 3.0 | | 41.4 | 2.9 | 0.2 | 7.6 | 0.2 | | | | 55.8 |
| Std. Error | | | 0.3 | 0.7 | | 1.9 | 0.6 | 0.2 | 1.0 | 0.2 | | | | 1.9 |
| Number | | | 96 | 457 | | 6277 | 433 | 24 | 1154 | 24 | | | | 8465 |
| All Fish | | | | | | | | | | | | | | |
| Sample Number | | | 7 | 56 | | 438 | 42 | 2 | 82 | 3 | | | 1 | 631 |
| Percent | | | 1.1 | 8.9 | | 69.4 | 6.7 | 0.3 | 13.0 | 0.5 | | | 0.2 | 100.0 |
| Std. Error | | | 0.4 | 1.1 | | 1.8 | 1.0 | 0.2 | 1.3 | 0.3 | | | 0.2 | |
| Number | | | 168 | 1347 | | 10534 | 1010 | 48 | 1972 | 72 | | | 24 | 15175 |
| **Statistical Week 29 (July 12 - 18)** | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | 1 | | 1 | 46 | | 190 | 18 | | 44 | | | | | 300 |
| Percent | 0.2 | | 0.2 | 7.2 | | 29.9 | 2.8 | | 6.9 | | | | | 47.2 |
| Std. Error | 0.2 | | 0.2 | 1.0 | | 1.8 | 0.6 | | 1.0 | | | | | 1.9 |
| Number | 22 | | 22 | 995 | | 4111 | 389 | | 952 | | | | | 6491 |
| Female | | | | | | | | | | | | | | |
| Sample Number | 1 | | 4 | 26 | | 251 | 14 | | 40 | | | | | 336 |
| Percent | 0.2 | | 0.6 | 4.1 | | 39.5 | 2.2 | | 6.3 | | | | | 52.8 |
| Std. Error | 0.2 | | 0.3 | 0.8 | | 1.9 | 0.6 | | 0.9 | | | | | 1.9 |
| Number | 22 | | 86 | 563 | | 5431 | 303 | | 865 | | | | | 7270 |
| All Fish | | | | | | | | | | | | | | |
| Sample Number | 2 | | 5 | 72 | | 441 | 32 | | 84 | | | | | 636 |
| Percent | 0.3 | | 0.8 | 11.3 | | 69.3 | 5.0 | | 13.2 | | | | | 100.0 |
| Std. Error | 0.2 | | 0.3 | 1.2 | | 1.8 | 0.8 | | 1.3 | | | | | |
| Number | 44 | | 108 | 1558 | | 9542 | 692 | | 1817 | | | | | 13761 |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | | 29 | 1 | 188 | 31 | | 48 | 2 | | | | 299 |
| Percent | | | | 4.6 | 0.2 | 29.6 | 4.9 | | 7.6 | 0.3 | | | | 47.1 |
| Std. Error | | | | 0.8 | 0.2 | 1.8 | 0.8 | | 1.0 | 0.2 | | | | 1.9 |
| Number | | | | 640 | 22 | 4148 | 684 | | 1058 | 44 | | | | 6596 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | 3 | 12 | | 249 | 12 | | 60 | | | | | 336 |
| Percent | | | 0.5 | 1.9 | | 39.2 | 1.9 | | 9.4 | | | | | 52.9 |
| Std. Error | | | 0.3 | 0.5 | | 1.9 | 0.5 | | 1.1 | | | | | 1.9 |
| Number | | | 86 | 265 | | 5493 | 265 | | 1324 | | | | | 7413 |
| All Fish 1/ | | | | | | | | | | | | | | |
| Sample Number | | | 3 | 41 | 1 | 438 | 43 | | 108 | 2 | | | | 636 |
| Percent | | | 0.5 | 6.4 | 0.2 | 68.9 | 6.8 | | 17.0 | 0.3 | | | | 100.0 |
| Std. Error | | | 0.3 | 1.0 | 0.2 | 1.8 | 1.0 | | 1.5 | 0.2 | | | | |
| Number | | | 66 | 905 | 22 | 9663 | 949 | | 2382 | 44 | | | | 14031 |

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Appendix B.5 Age composition of sockeye salmon in the District 106-41 (Sumner Strait) gill net catch by sex, age class, and fishing period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | 1981 | | | 1980 | | | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 1.5 | 2.4 | 3.3 | Total |
| Statistical Week 31 (July 26 - August 1) | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | | 32 | | 165 | 23 | 1 | 66 | | | | | 287 |
| Percent | | | | 4.9 | | 25.5 | 3.6 | 0.2 | 10.2 | | | | | 44.4 |
| Std. Error | | | | 0.8 | | 1.7 | 0.7 | 0.1 | 1.2 | | | | | 1.9 |
| Number | | | | 505 | | 2606 | 363 | 16 | 1042 | | | | | 4532 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | 4 | 17 | | 242 | 32 | 1 | 63 | 1 | | | | 360 |
| Percent | | | 0.6 | 2.6 | | 37.4 | 4.9 | 0.2 | 9.7 | 0.2 | | | | 55.6 |
| Std. Error | | | 0.3 | 0.6 | | 1.8 | 0.8 | 0.1 | 1.1 | 0.1 | | | | 1.9 |
| Number | | | 63 | 268 | | 3821 | 505 | 16 | 995 | 16 | | | | 5684 |
| All Fish 1/ | | | | | | | | | | | | | | |
| Sample Number | | | 4 | 49 | | 407 | 55 | 2 | 130 | 1 | | | | 648 |
| Percent | | | 0.6 | 7.6 | | 62.8 | 8.5 | 0.3 | 20.1 | 0.2 | | | | 100.0 |
| Std. Error | | | 0.3 | 1.0 | | 1.8 | 1.1 | 0.2 | 1.5 | 0.1 | | | | |
| Number | | | 63 | 773 | | 6427 | 868 | 32 | 2053 | 16 | | | | 10232 |
| Statistical Week 32 (August 2 - 8) | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | | 2 | 16 | | 149 | 30 | 1 | 59 | | | | | 257 |
| Percent | | | 0.3 | 2.5 | | 23.5 | 4.7 | 0.2 | 9.3 | | | | | 40.5 |
| Std. Error | | | 0.2 | 0.6 | | 1.6 | 0.8 | 0.2 | 1.1 | | | | | 1.9 |
| Number | | | 35 | 279 | | 2595 | 522 | 17 | 1027 | | | | | 4475 |
| Female | | | | | | | | | | | | | | |
| Sample Number | | | 6 | 32 | | 212 | 38 | 1 | 88 | 1 | | | | 378 |
| Percent | | | 0.9 | 5.0 | | 33.4 | 6.0 | 0.2 | 13.9 | 0.2 | | | | 59.5 |
| Std. Error | | | 0.4 | 0.8 | | 1.8 | 0.9 | 0.2 | 1.3 | 0.2 | | | | 1.9 |
| Number | | | 104 | 557 | | 3693 | 662 | 17 | 1532 | 17 | | | | 6582 |
| All Fish 1/ | | | | | | | | | | | | | | |
| Sample Number | | | 8 | 48 | | 361 | 68 | 2 | 148 | 1 | | | | 636 |
| Percent | | | 1.3 | 7.5 | | 56.8 | 10.7 | 0.3 | 23.3 | 0.2 | | | | 100.0 |
| Std. Error | | | 0.4 | 1.0 | | 1.9 | 1.2 | 0.2 | 1.6 | 0.2 | | | | |
| Number | | | 139 | 836 | | 6288 | 1184 | 34 | 2577 | 17 | | | | 11075 |
| Statistical Weeks 33 - 38 (August 9 - Sept. 19) | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | | 2 | | 37 | 1 | 136 | 48 | 1 | 61 | 1 | | 1 | | 288 |
| Percent | | 0.3 | | 5.7 | 0.2 | 21.1 | 7.4 | 0.2 | 9.4 | 0.2 | | 0.2 | | 44.6 |
| Std. Error | | 0.2 | | 0.8 | 0.1 | 1.5 | 0.9 | 0.1 | 1.0 | 0.1 | | 0.1 | | 1.8 |
| Number | | 11 | | 201 | 5 | 740 | 261 | 5 | 334 | 5 | | 5 | | 1567 |
| Female | | | | | | | | | | | | | | |
| Sample Number | 1 | | | 42 | | 161 | 57 | 1 | 89 | 3 | 1 | | 3 | 358 |
| Percent | 0.2 | | | 6.5 | | 24.9 | 8.8 | 0.2 | 13.8 | 0.5 | 0.2 | | 0.5 | 55.4 |
| Std. Error | 0.1 | | | 0.9 | | 1.5 | 1.0 | 0.1 | 1.2 | 0.2 | 0.1 | | 0.2 | 1.8 |
| Number | 5 | | | 229 | | 878 | 310 | 5 | 484 | 16 | 5 | | 16 | 1948 |
| All Fish 1/ | | | | | | | | | | | | | | |
| Sample Number | 1 | 2 | | 80 | 1 | 297 | 105 | 2 | 152 | 4 | 1 | 1 | 3 | 649 |
| Percent | 0.2 | 0.3 | | 12.3 | 0.2 | 45.8 | 16.2 | 0.3 | 23.4 | 0.6 | 0.2 | 0.2 | 0.5 | 100.0 |
| Std. Error | 0.1 | 0.2 | | 1.2 | 0.1 | 1.8 | 1.3 | 0.2 | 1.5 | 0.3 | 0.1 | 0.1 | 0.2 | |
| Number | 5 | 11 | | 435 | 5 | 1618 | 571 | 10 | 830 | 21 | 5 | 5 | 16 | 3532 |
| Combined Periods (Percentages are weighted by period catches) | | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | | |
| Sample Number | 3 | 2 | 10 | 261 | 2 | 1406 | 235 | 5 | 368 | 10 | | 1 | 1 | 2304 |
| Percent | 0.1 | <0.1 | 0.2 | 5.2 | <0.1 | 27.9 | 4.2 | 0.1 | 7.3 | 0.2 | | <0.1 | <0.1 | 45.2 |
| Std. Error | <0.1 | <0.1 | 0.1 | 0.3 | <0.1 | 0.7 | 0.3 | <0.1 | 0.4 | 0.1 | | <0.1 | <0.1 | 0.7 |
| Number | 46 | 11 | 171 | 4080 | 27 | 22073 | 3354 | 68 | 5734 | 133 | | 5 | 24 | 35726 |
| Female | | | | | | | | | | | | | | |
| Sample Number | 3 | | 28 | 187 | | 1867 | 219 | 4 | 467 | 6 | 1 | | 4 | 2786 |
| Percent | <0.1 | | 0.6 | 3.4 | | 37.9 | 3.7 | 0.1 | 8.9 | 0.1 | <0.1 | | <0.1 | 54.8 |
| Std. Error | <0.1 | | 0.1 | 0.3 | | 0.7 | 0.3 | <0.1 | 0.4 | <0.1 | <0.1 | | <0.1 | 0.7 |
| Number | 39 | | 470 | 2704 | | 30001 | 2916 | 62 | 7062 | 73 | 5 | | 22 | 43354 |
| All Fish 1/ | | | | | | | | | | | | | | |
| Sample Number | 6 | 2 | 38 | 449 | 2 | 3275 | 454 | 9 | 839 | 16 | 1 | 1 | 5 | 5097 |
| Percent | 0.1 | <0.1 | 0.8 | 8.6 | <0.1 | 65.8 | 7.9 | 0.2 | 16.2 | 0.3 | <0.1 | <0.1 | 0.1 | 100.0 |
| Std. Error | <0.1 | <0.1 | 0.1 | 0.4 | <0.1 | 0.7 | 0.4 | 0.1 | 0.5 | 0.1 | <0.1 | <0.1 | <0.1 | |
| Number | 85 | 11 | 641 | 6789 | 27 | 52108 | 6270 | 130 | 12842 | 206 | 5 | 5 | 46 | 79165 |

1/ Includes unsexed fish totals.

Appendix B.6 Length composition of sockeye salmon in the District 106-41 (Sumner Strait) gill net catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | 1982 | | 1981 | | | 1980 | | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 1.5 | 2.4 | 3.3 |
| Statistical Week 26 (June 21 - 27) | | | | | | | | | | | | | |
| Male | Avg. Length | | | 610 | 520 | 593 | 538 | | 586 | 530 | | | |
| | Std. Error | | | | 8.9 | 2.7 | 7.3 | | 10.7 | | | | |
| | Sample Size | | | 1 | 15 | 96 | 17 | | 8 | 1 | | | |
| Female | Avg. Length | | | 591 | 509 | 582 | 546 | | 578 | | | | 590 |
| | Std. Error | | | 3.1 | 4.0 | 2.1 | 5.1 | | 5.9 | | | | |
| | Sample Size | | | 4 | 5 | 115 | 15 | | 16 | | | | 1 |
| All Fish | Avg. Length | | | 595 | 518 | 587 | 542 | | 581 | 530 | | | 590 |
| | Std. Error | | | 4.5 | 6.8 | 1.7 | 4.5 | | 5.3 | | | | |
| | Sample Size | | | 5 | 20 | 211 | 32 | | 24 | 1 | | | 1 |
| Statistical Week 27 (June 28 - July 4) | | | | | | | | | | | | | |
| Male | Avg. Length | 570 | | | 533 | 598 | 545 | | 590 | | | | |
| | Std. Error | | | | 6.6 | 2.5 | 5.9 | | 5.0 | | | | |
| | Sample Size | 1 | | | 18 | 96 | 17 | | 15 | | | | |
| Female | Avg. Length | 590 | | | 533 | 583 | 549 | | 584 | | | | |
| | Std. Error | | | | 5.5 | 2.1 | 7.5 | | 5.1 | | | | |
| | Sample Size | 1 | | | 9 | 98 | 9 | | 21 | | | | |
| All Fish | Avg. Length | 580 | | | 533 | 590 | 546 | | 587 | | | | |
| | Std. Error | 10.0 | | | 4.7 | 1.7 | 4.6 | | 3.6 | | | | |
| | Sample Size | 2 | | | 27 | 194 | 26 | | 36 | | | | |
| Statistical Week 28 (July 5 - 11) | | | | | | | | | | | | | |
| Male | Avg. Length | | | 623 | 531 | 600 | 568 | | 599 | 520 | | | 565 |
| | Std. Error | | | 11.7 | 8.1 | 3.0 | 8.4 | | 6.2 | | | | |
| | Sample Size | | | 3 | 20 | 74 | 12 | | 22 | 1 | | | 1 |
| Female | Avg. Length | | | 598 | 546 | 592 | 551 | | 586 | | | | |
| | Std. Error | | | 7.5 | 7.5 | 1.9 | 9.7 | | 4.6 | | | | |
| | Sample Size | | | 2 | 10 | 113 | 7 | | 28 | | | | |
| All Fish | Avg. Length | | | 613 | 536 | 595 | 561 | | 592 | 520 | | | 565 |
| | Std. Error | | | 9.3 | 6.0 | 1.7 | 6.5 | | 3.8 | | | | |
| | Sample Size | | | 5 | 30 | 187 | 19 | | 50 | 1 | | | 1 |
| Statistical Week 29 (July 12 - 18) | | | | | | | | | | | | | |
| Male | Avg. Length | | | 610 | 527 | 602 | 534 | | 597 | | | | |
| | Std. Error | | | | 5.5 | 3.2 | 18.4 | | 6.2 | | | | |
| | Sample Size | | | 1 | 23 | 77 | 6 | | 20 | | | | |
| Female | Avg. Length | 570 | | 585 | 531 | 588 | 526 | | 574 | | | | |
| | Std. Error | | | 6.5 | 9.9 | 2.2 | 13.9 | | 3.9 | | | | |
| | Sample Size | 1 | | 4 | 10 | 119 | 7 | | 24 | | | | |
| All Fish | Avg. Length | 570 | | 590 | 528 | 593 | 530 | | 585 | | | | |
| | Std. Error | | | 7.1 | 4.8 | 1.9 | 10.9 | | 3.9 | | | | |
| | Sample Size | 1 | | 5 | 33 | 196 | 13 | | 44 | | | | |
| Statistical Week 30 (July 19 - 25) | | | | | | | | | | | | | |
| Male | Avg. Length | | | | 521 | 604 | 553 | | 600 | | | | |
| | Std. Error | | | | 10.5 | 2.7 | 6.5 | | 5.5 | | | | |
| | Sample Size | | | | 11 | 82 | 17 | | 25 | | | | |
| Female | Avg. Length | | | 595 | 540 | 593 | 541 | | 582 | | | | |
| | Std. Error | | | | 20.0 | 2.1 | 5.9 | | 4.3 | | | | |
| | Sample Size | | | 1 | 2 | 117 | 4 | | 36 | | | | |
| All Fish | Avg. Length | | | 595 | 524 | 597 | 551 | | 589 | | | | |
| | Std. Error | | | | 9.3 | 1.7 | 5.4 | | 3.6 | | | | |
| | Sample Size | | | 1 | 13 | 199 | 21 | | 61 | | | | |

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Appendix B.6 Length composition of sockeye salmon in the District 106-41 (Sumner Strait) gill net catch by sex, age class, and fishing period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | 1982 | | 1981 | | | 1980 | | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 1.5 | 2.4 | 3.3 |
| Statistical Week 31 (July 26 - August 1) | | | | | | | | | | | | | |
| Male | Avg. Length | | | | 532 | 614 | 546 | | 622 | | | | |
| | Std. Error | | | | 4.0 | 2.4 | 12.2 | | 4.3 | | | | |
| | Sample Size | | | | 14 | 74 | 9 | | 26 | | | | |
| Female | Avg. Length | | | 560 | 523 | 594 | 561 | | 593 | 565 | | | |
| | Std. Error | | | | 12.1 | 2.1 | 7.4 | | 4.1 | | | | |
| | Sample Size | | | 1 | 5 | 113 | 16 | | 32 | 1 | | | |
| All Fish | Avg. Length | | | 560 | 529 | 602 | 555 | | 606 | 565 | | | |
| | Std. Error | | | | 4.2 | 1.7 | 6.5 | | 3.5 | | | | |
| | Sample Size | | | 1 | 19 | 187 | 25 | | 58 | 1 | | | |
| Statistical Week 32 (August 2 - 8) | | | | | | | | | | | | | |
| Male | Avg. Length | | | | 539 | 606 | 563 | 635 | 606 | | | | |
| | Std. Error | | | | 7.1 | 2.7 | 6.6 | | 4.4 | | | | |
| | Sample Size | | | | 11 | 61 | 18 | 1 | 34 | | | | |
| Female | Avg. Length | | | 582 | 536 | 593 | 554 | | 591 | 500 | | | |
| | Std. Error | | | 14.8 | 5.7 | 2.2 | 7.0 | | 2.7 | | | | |
| | Sample Size | | | 3 | 9 | 81 | 17 | | 48 | 1 | | | |
| All Fish 1/ | Avg. Length | | | 582 | 537 | 599 | 558 | 635 | 598 | 500 | | | |
| | Std. Error | | | 14.8 | 4.6 | 1.8 | 4.8 | | 2.6 | | | | |
| | Sample Size | | | 3 | 20 | 142 | 35 | 1 | 83 | 1 | | | |
| Statistical Weeks 33 - 38 (August 9 - 15) Sept. 13 - 19 | | | | | | | | | | | | | |
| Male | Avg. Length | | 333 | | 522 | 598 | 561 | | 607 | | | 575 | |
| | Std. Error | | 27.5 | | 9.6 | 3.2 | 8.1 | | 4.7 | | | | |
| | Sample Size | | 2 | | 22 | 71 | 28 | | 27 | | | 1 | |
| Female | Avg. Length | | | | 529 | 580 | 554 | | 589 | | 630 | | 552 |
| | Std. Error | | | | 5.1 | 2.7 | 6.0 | | 3.5 | | | | 15.9 |
| | Sample Size | | | | 16 | 58 | 19 | | 38 | | 1 | | 3 |
| All Fish 1/ | Avg. Length | | 333 | | 525 | 590 | 558 | | 597 | | 630 | 575 | 552 |
| | Std. Error | | 27.5 | | 5.8 | 2.3 | 5.4 | | 3.0 | | | | 15.9 |
| | Sample Size | | 2 | | 39 | 129 | 47 | | 67 | | 1 | 1 | 3 |
| Combined Periods (Unweighted) | | | | | | | | | | | | | |
| Male | Avg. Length | 570 | 333 | 618 | 528 | 602 | 553 | 635 | 603 | 525 | | 575 | 565 |
| | Std. Error | | 27.5 | 7.2 | 2.8 | 1.0 | 3.1 | | 2.0 | 5.0 | | | |
| | Sample Size | 1 | 2 | 5 | 134 | 631 | 124 | 1 | 177 | 2 | | 1 | 1 |
| Female | Avg. Length | 580 | | 587 | 532 | 588 | 551 | | 586 | 533 | 630 | | 561 |
| | Std. Error | 10.0 | | 3.9 | 2.8 | 0.8 | 2.8 | | 1.5 | 32.5 | | | 14.8 |
| | Sample Size | 2 | | 15 | 66 | 814 | 94 | | 243 | 2 | 1 | | 4 |
| All Fish | Avg. Length | 577 | 333 | 595 | 529 | 594 | 552 | 635 | 594 | 529 | 630 | 575 | 562 |
| | Std. Error | 6.7 | 27.5 | 4.6 | 2.1 | 0.6 | 2.1 | | 1.3 | 13.6 | | | 11.5 |
| | Sample Size | 3 | 2 | 20 | 201 | 1445 | 218 | 1 | 423 | 4 | 1 | 1 | 5 |

1/ Includes unsexed fish totals.

Appendix B.7 Age composition of sockeye salmon in the District 108 gill net catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|
| | 1983 | | 1982 | | 1981 | |
| | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 | Total |
| Statistical Weeks 26 - 37 (June 21 - Sept. 12) | | | | | | |
| Male | | | | | | |
| Sample Number | 1 | 6 | 28 | 2 | 4 | 41 |
| Percent | 1.1 | 6.6 | 30.8 | 2.2 | 4.4 | 45.1 |
| Std. Error | 1.1 | 2.5 | 4.7 | 1.5 | 2.1 | 5.1 |
| Number | 18 | 106 | 493 | 35 | 70 | 722 |
| Female | | | | | | |
| Sample Number | 9 | | 35 | | 6 | 50 |
| Percent | 9.9 | | 38.5 | | 6.6 | 54.9 |
| Std. Error | 3.1 | | 5.0 | | 2.5 | 5.1 |
| Number | 158 | | 616 | | 106 | 880 |
| All Fish 1/ | | | | | | |
| Sample Number | 10 | 6 | 63 | 2 | 11 | 92 |
| Percent | 10.9 | 6.5 | 68.5 | 2.2 | 12.0 | 100.0 |
| Std. Error | 3.2 | 2.5 | 4.7 | 1.5 | 3.3 | |
| Number | 176 | 106 | 1109 | 35 | 194 | 1620 |

1/ Includes unsexed fish totals.

Appendix B.8 Length composition of sockeye salmon in the District 108 gill net catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | |
|---|---|---|---|---|---|
| | | 1983 | | 1982 | 1981 |
| | | 0.3 | 1.2 | 1.3 | 2.3 |
| Statistical Weeks 26 - 37 (June 21 - Sept. 12) | | | | | |
| Male | Avg. Length | 580 | 510 | 604 | 598 |
| | Std. Error | | 20.0 | 7.7 | 22.5 |
| | Sample Size | 1 | 2 | 13 | 2 |
| Female | Avg. Length | 588 | | 596 | 600 |
| | Std. Error | 10.3 | | 6.0 | 8.5 |
| | Sample Size | 7 | | 16 | 5 |
| All Fish | Avg. Length | 587 | 510 | 600 | 599 |
| | Std. Error | 9.0 | 20.0 | 4.8 | 7.7 |
| | Sample Size | 8 | 2 | 29 | 7 |

Appendix B.9 Age composition of sockeye salmon in the Canadian commericial gill net catch in the lower Stikine River by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | 1981 | | | 1980 | | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| Statistical Week 27 (June 28 - July 4) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 1 | | | 3 | | 16 | | | 1 | | | | 21 |
| Percent | 2.0 | | | 6.0 | | 32.0 | | | 2.0 | | | | 42.0 |
| Std. Error | 1.7 | | | 2.9 | | 5.7 | | | 1.7 | | | | 6.0 |
| Number | 4 | | | 11 | | 56 | | | 4 | | | | 75 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | | | | 24 | 1 | | 4 | | | | 29 |
| Percent | | | | | | 48.0 | 2.0 | | 8.0 | | | | 58.0 |
| Std. Error | | | | | | 6.1 | 1.7 | | 3.3 | | | | 6.0 |
| Number | | | | | | 86 | 4 | | 14 | | | | 104 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | 1 | | | 3 | | 40 | 1 | | 5 | | | | 50 |
| Percent | 2.0 | | | 6.0 | | 80.0 | 2.0 | | 10.0 | | | | 100.0 |
| Std. Error | 1.7 | | | 2.9 | | 4.9 | 1.7 | | 3.6 | | | | |
| Number | 4 | | | 11 | | 142 | 4 | | 18 | | | | 179 |
| Statistical Week 28 (July 5 - 11) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | | | 8 | | 24 | 1 | | | | | | 33 |
| Percent | | | | 9.2 | | 27.6 | 1.1 | | | | | | 37.9 |
| Std. Error | | | | 2.2 | | 3.4 | 0.8 | | | | | | 3.6 |
| Number | | | | 15 | | 47 | 2 | | | | | | 64 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | 1 | 2 | | 47 | 2 | | 2 | | | | 54 |
| Percent | | | 1.1 | 2.3 | | 54.0 | 2.3 | | 2.3 | | | | 62.1 |
| Std. Error | | | 0.8 | 1.1 | | 3.7 | 1.1 | | 1.1 | | | | 3.6 |
| Number | | | 2 | 4 | | 91 | 4 | | 4 | | | | 105 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | | | 1 | 10 | | 71 | 3 | | 2 | | | | 87 |
| Percent | | | 1.1 | 11.5 | | 81.6 | 3.4 | | 2.3 | | | | 100.0 |
| Std. Error | | | 0.8 | 2.4 | | 2.9 | 1.4 | | 1.1 | | | | |
| Number | | | 2 | 19 | | 138 | 6 | | 4 | | | | 169 |
| Statistical Week 29 (July 12 - 18) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 2 | | 7 | 34 | | 128 | 5 | | 22 | | | | 198 |
| Percent | 0.5 | | 1.6 | 8.0 | | 30.0 | 1.2 | | 5.2 | | | | 46.5 |
| Std. Error | 0.2 | | 0.5 | 1.0 | | 1.6 | 0.4 | | 0.8 | | | | 1.8 |
| Number | 4 | | 15 | 74 | | 277 | 11 | | 48 | | | | 429 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | 13 | 7 | | 175 | 7 | | 25 | | | 1 | 228 |
| Percent | | | 3.1 | 1.6 | | 41.1 | 1.6 | | 5.9 | | | 0.2 | 53.5 |
| Std. Error | | | 0.6 | 0.5 | | 1.8 | 0.5 | | 0.8 | | | 0.2 | 1.8 |
| Number | | | 28 | 15 | | 380 | 15 | | 54 | | | 2 | 494 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | 2 | | 20 | 41 | | 304 | 12 | | 47 | | | 1 | 427 |
| Percent | 0.5 | | 4.7 | 9.6 | | 71.2 | 2.8 | | 11.0 | | | 0.2 | 100.0 |
| Std. Error | 0.2 | | 0.8 | 1.0 | | 1.6 | 0.6 | | 1.1 | | | 0.2 | |
| Number | 4 | | 43 | 89 | | 660 | 26 | | 102 | | | 2 | 926 |
| Statistical Week 30 (July 19 - 25) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 9 | | 16 | 50 | | 108 | 9 | 1 | 20 | | | 1 | 214 |
| Percent | 2.1 | | 3.7 | 11.7 | | 25.3 | 2.1 | 0.2 | 4.7 | | | 0.2 | 50.1 |
| Std. Error | 0.5 | | 0.7 | 1.2 | | 1.6 | 0.5 | 0.2 | 0.8 | | | 0.2 | 1.9 |
| Number | 23 | | 41 | 127 | | 272 | 23 | 3 | 51 | | | 3 | 543 |
| Female | | | | | | | | | | | | | |
| Sample Number | 3 | | 23 | 12 | | 137 | 11 | 1 | 25 | 1 | | | 213 |
| Percent | 0.7 | | 5.4 | 2.8 | | 32.1 | 2.6 | 0.2 | 5.9 | 0.2 | | | 49.9 |
| Std. Error | 0.3 | | 0.9 | 0.6 | | 1.8 | 0.6 | 0.2 | 0.9 | 0.2 | | | 1.9 |
| Number | 8 | | 58 | 30 | | 348 | 28 | 3 | 63 | 3 | | | 541 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | 12 | | 39 | 62 | | 245 | 20 | 2 | 45 | 1 | | 1 | 427 |
| Percent | 2.8 | | 9.1 | 14.5 | | 57.4 | 4.7 | 0.5 | 10.5 | 0.2 | | 0.2 | 100.0 |
| Std. Error | 0.6 | | 1.1 | 1.3 | | 1.9 | 0.8 | 0.3 | 1.2 | 0.2 | | 0.2 | |
| Number | 31 | | 99 | 157 | | 620 | 51 | 6 | 114 | 3 | | 3 | 1084 |
| Statistical Week 31 (July 26 - August 1) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 4 | 1 | 6 | 29 | 1 | 39 | 9 | | 14 | | | | 103 |
| Percent | 2.0 | 0.5 | 3.0 | 14.4 | 0.5 | 19.3 | 4.5 | | 6.9 | | | | 51.0 |
| Std. Error | 0.7 | 0.4 | 0.9 | 1.8 | 0.4 | 2.0 | 1.1 | | 1.3 | | | | 2.6 |
| Number | 9 | 2 | 13 | 63 | 2 | 85 | 20 | | 30 | | | | 224 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | 15 | 9 | | 65 | 2 | | 7 | | 1 | | 99 |
| Percent | | | 7.4 | 4.5 | | 32.2 | 1.0 | | 3.5 | | 0.5 | | 49.0 |
| Std. Error | | | 1.4 | 1.1 | | 2.4 | 0.5 | | 0.9 | | 0.4 | | 2.6 |
| Number | | | 33 | 20 | | 141 | 4 | | 15 | | 2 | | 215 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | 4 | 1 | 21 | 38 | 1 | 104 | 11 | | 22 | | 1 | | 203 |
| Percent | 2.0 | 0.5 | 10.3 | 18.7 | 0.5 | 51.2 | 5.4 | | 10.8 | | 0.5 | | 100.0 |
| Std. Error | 0.7 | 0.4 | 1.6 | 2.0 | 0.4 | 2.6 | 1.2 | | 1.6 | | 0.4 | | |
| Number | 9 | 2 | 46 | 83 | 2 | 226 | 24 | | 47 | | 2 | | 441 |

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Appendix B.9 Age composition of sockeye salmon in the Canadian commericial gill net catch in the lower Stikine River by sex, age class, and fishing period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | 1981 | | | 1980 | | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | 8 | 1 | 18 | 88 | | 119 | 2 | 1 | 14 | | | | 251 |
| Percent | 1.4 | 0.2 | 3.2 | 15.8 | | 21.3 | 0.4 | 0.2 | 2.5 | | | | 45.0 |
| Std. Error | 0.4 | 0.2 | 0.7 | 1.4 | | 1.5 | 0.2 | 0.2 | 0.6 | | | | 1.9 |
| Number | 35 | 4 | 79 | 386 | | 523 | 9 | 4 | 61 | | | | 1101 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | 1 | | 37 | 33 | | 219 | 3 | 1 | 13 | | | | 307 |
| Percent | 0.2 | | 6.6 | 5.9 | | 39.2 | 0.5 | 0.2 | 2.3 | | | | 55.0 |
| Std. Error | 0.2 | | 0.9 | 0.9 | | 1.8 | 0.3 | 0.2 | 0.6 | | | | 1.9 |
| Number | 4 | | 162 | 145 | | 962 | 13 | 4 | 57 | | | | 1347 |
| **All Fish 1/** | | | | | | | | | | | | | |
| Sample Number | 9 | 1 | 55 | 121 | | 339 | 5 | 2 | 27 | | | | 559 |
| Percent | 1.6 | 0.2 | 9.8 | 21.6 | | 60.6 | 0.9 | 0.4 | 4.8 | | | | 100.0 |
| Std. Error | 0.5 | 0.2 | 1.1 | 1.5 | | 1.8 | 0.4 | 0.2 | 0.8 | | | | |
| Number | 39 | 4 | 241 | 531 | | 1489 | 22 | 8 | 118 | | | | 2452 |
| **Statistical Week 33 (August 9 - 15)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | 3 | | 12 | 29 | | 64 | 4 | | 7 | | | | 119 |
| Percent | 1.0 | | 4.2 | 10.0 | | 22.1 | 1.4 | | 2.4 | | | | 41.2 |
| Std. Error | 0.4 | | 0.8 | 1.2 | | 1.7 | 0.5 | | 0.6 | | | | 2.0 |
| Number | 6 | | 23 | 55 | | 122 | 7 | | 13 | | | | 226 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | 1 | | 16 | 30 | | 109 | 3 | 4 | 7 | | | | 170 |
| Percent | 0.3 | | 5.5 | 10.4 | | 37.7 | 1.0 | 1.4 | 2.4 | | | | 58.8 |
| Std. Error | 0.2 | | 0.9 | 1.2 | | 2.0 | 0.4 | 0.5 | 0.6 | | | | 2.0 |
| Number | 2 | | 30 | 57 | | 207 | 6 | 8 | 13 | | | | 323 |
| **All Fish** | | | | | | | | | | | | | |
| Sample Number | 4 | | 28 | 59 | | 173 | 7 | 4 | 14 | | | | 289 |
| Percent | 1.4 | | 9.7 | 20.4 | | 59.9 | 2.4 | 1.4 | 4.8 | | | | 100.0 |
| Std. Error | 0.5 | | 1.2 | 1.6 | | 2.0 | 0.6 | 0.5 | 0.9 | | | | |
| Number | 8 | | 53 | 112 | | 329 | 13 | 8 | 26 | | | | 549 |
| **Statistical Week 34 (August 16 - 22)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | 3 | 5 | 15 | | 16 | 1 | | 1 | | | | 41 |
| Percent | | 3.0 | 5.0 | 15.0 | | 16.0 | 1.0 | | 1.0 | | | | 41.0 |
| Std. Error | | 1.3 | 1.7 | 2.8 | | 2.8 | 0.8 | | 0.8 | | | | 3.8 |
| Number | | 7 | 13 | 37 | | 41 | 2 | | 2 | | | | 102 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | | 7 | 6 | | 42 | 2 | 1 | 1 | | | | 59 |
| Percent | | | 7.0 | 6.0 | | 42.0 | 2.0 | 1.0 | 1.0 | | | | 59.0 |
| Std. Error | | | 2.0 | 1.8 | | 3.8 | 1.1 | 0.8 | 0.8 | | | | 3.8 |
| Number | | | 17 | 15 | | 105 | 5 | 2 | 2 | | | | 146 |
| **All Fish** | | | | | | | | | | | | | |
| Sample Number | | 3 | 12 | 21 | | 58 | 3 | 1 | 2 | | | | 100 |
| Percent | | 3.0 | 12.0 | 21.0 | | 58.0 | 3.0 | 1.0 | 2.0 | | | | 100.0 |
| Std. Error | | 1.3 | 2.5 | 3.2 | | 3.8 | 1.3 | 0.8 | 1.1 | | | | |
| Number | | 7 | 30 | 52 | | 146 | 7 | 2 | 4 | | | | 248 |
| **Statistical Weeks 35 - 38 (August 23 - Sept. 19)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | | 6 | 5 | | 11 | 3 | 1 | 1 | | | | 27 |
| Percent | | | 9.4 | 7.8 | | 17.2 | 4.7 | 1.6 | 1.6 | | | | 42.2 |
| Std. Error | | | 2.0 | 1.8 | | 2.6 | 1.4 | 0.8 | 0.8 | | | | 3.3 |
| Number | | | 8 | 7 | | 17 | 4 | 1 | 1 | | | | 38 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | | 4 | 7 | | 25 | | | 1 | | | | 37 |
| Percent | | | 6.3 | 10.9 | | 39.1 | | | 1.6 | | | | 57.8 |
| Std. Error | | | 1.6 | 2.1 | | 3.3 | | | 0.8 | | | | 3.3 |
| Number | | | 6 | 10 | | 35 | | | 1 | | | | 52 |
| **All Fish 1/** | | | | | | | | | | | | | |
| Sample Number | | | 10 | 12 | | 36 | 3 | 1 | 2 | | | | 64 |
| Percent | | | 15.6 | 18.8 | | 56.3 | 4.7 | 1.6 | 3.1 | | | | 100.0 |
| Std. Error | | | 2.5 | 2.6 | | 3.4 | 1.4 | 0.8 | 1.2 | | | | |
| Number | | | 14 | 17 | | 52 | 4 | 1 | 2 | | | | 90 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | 27 | 5 | 70 | 261 | 1 | 525 | 34 | 3 | 80 | | | 1 | 1007 |
| Percent | 1.3 | 0.2 | 3.1 | 12.6 | <0.1 | 23.5 | 1.3 | 0.1 | 3.4 | | | <0.1 | 45.7 |
| Std. Error | 0.2 | 0.1 | 0.3 | 0.6 | <0.1 | 0.8 | 0.2 | 0.1 | 0.3 | | | <0.1 | 0.9 |
| Number | 81 | 13 | 192 | 775 | 2 | 1440 | 78 | 8 | 210 | | | 3 | 2802 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | 5 | | 116 | 106 | | 843 | 31 | 7 | 85 | 1 | 1 | 1 | 1196 |
| Percent | 0.2 | | 5.5 | 4.8 | | 38.4 | 1.3 | 0.3 | 3.7 | <0.1 | <0.1 | <0.1 | 54.3 |
| Std. Error | 0.1 | | 0.4 | 0.4 | | 0.9 | 0.2 | 0.1 | 0.3 | <0.1 | <0.1 | <0.1 | 0.9 |
| Number | 14 | | 336 | 296 | | 2355 | 79 | 17 | 223 | 3 | 2 | 2 | 3327 |
| **All Fish 1/** | | | | | | | | | | | | | |
| Sample Number | 32 | 5 | 186 | 367 | 1 | 1370 | 65 | 10 | 166 | 1 | 1 | 2 | 2206 |
| Percent | 1.5 | 0.2 | 8.6 | 17.4 | <0.1 | 61.9 | 2.6 | 0.4 | 7.1 | <0.1 | <0.1 | 0.1 | 100.0 |
| Std. Error | 0.2 | 0.1 | 0.5 | 0.7 | <0.1 | 0.9 | 0.3 | 0.1 | 0.5 | <0.1 | <0.1 | <0.1 | |
| Number | 95 | 13 | 528 | 1071 | 2 | 3802 | 157 | 25 | 435 | 3 | 2 | 5 | 6138 |

1/ Includes unsexed fish totals.

Appendix B.10 Age composition of sockeye salmon in the District 111 gill net catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | | 1982 | | | 1981 | | | 1980 | | |
| | 0.2 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| Statistical Week 26 (June 21 - 27) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | 12 | 23 | | | 325 | 3 | 1 | 7 | | | | 371 |
| Percent | | 1.7 | 3.3 | | | 46.2 | 0.4 | 0.1 | 1.0 | | | | 52.8 |
| Std. Error | | 0.4 | 0.6 | | | 1.6 | 0.2 | 0.1 | 0.3 | | | | 1.6 |
| Number | | 45 | 85 | | | 1207 | 11 | 4 | 26 | | | | 1378 |
| Female | | | | | | | | | | | | | |
| Sample Number | | 6 | 22 | | | 281 | 9 | | 13 | 1 | | | 332 |
| Percent | | 0.9 | 3.1 | | | 40.0 | 1.3 | | 1.8 | 0.1 | | | 47.2 |
| Std. Error | | 0.3 | 0.6 | | | 1.6 | 0.4 | | 0.4 | 0.1 | | | 1.6 |
| Number | | 22 | 82 | | | 1044 | 33 | | 48 | 4 | | | 1233 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | | 18 | 45 | | | 606 | 12 | 1 | 20 | 1 | | | 703 |
| Percent | | 2.6 | 6.4 | | | 86.2 | 1.7 | 0.1 | 2.8 | 0.1 | | | 100.0 |
| Std. Error | | 0.5 | 0.8 | | | 1.1 | 0.4 | 0.1 | 0.5 | 0.1 | | | |
| Number | | 67 | 167 | | | 2251 | 44 | 4 | 74 | 4 | | | 2611 |
| Statistical Week 27 (June 28 - July 4) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | 18 | 31 | | | 306 | 8 | | 15 | | | | 378 |
| Percent | | 2.5 | 4.4 | | | 43.2 | 1.1 | | 2.1 | | | | 53.3 |
| Std. Error | | 0.6 | 0.7 | | | 1.8 | 0.4 | | 0.5 | | | | 1.8 |
| Number | | 158 | 271 | | | 2680 | 70 | | 131 | | | | 3310 |
| Female | | | | | | | | | | | | | |
| Sample Number | | 18 | 21 | | | 255 | 4 | 3 | 29 | | | 1 | 331 |
| Percent | | 2.5 | 3.0 | | | 36.0 | 0.6 | 0.4 | 4.1 | | | 0.1 | 46.7 |
| Std. Error | | 0.6 | 0.6 | | | 1.7 | 0.3 | 0.2 | 0.7 | | | 0.1 | 1.8 |
| Number | | 158 | 184 | | | 2233 | 35 | 26 | 254 | | | 9 | 2899 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | | 36 | 52 | | | 561 | 12 | 3 | 44 | | | 1 | 709 |
| Percent | | 5.1 | 7.3 | | | 79.1 | 1.7 | 0.4 | 6.2 | | | 0.1 | 100.0 |
| Std. Error | | 0.8 | 0.9 | | | 1.4 | 0.5 | 0.2 | 0.9 | | | 0.1 | |
| Number | | 316 | 455 | | | 4913 | 105 | 26 | 385 | | | 9 | 6209 |
| Statistical Week 28 (July 5 - 11) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 1 | 27 | 29 | | | 238 | 2 | 1 | 24 | | | | 322 |
| Percent | 0.2 | 4.1 | 4.4 | | | 36.0 | 0.3 | 0.2 | 3.6 | | | | 48.7 |
| Std. Error | 0.1 | 0.7 | 0.7 | | | 1.8 | 0.2 | 0.1 | 0.7 | | | | 1.8 |
| Number | 8 | 222 | 239 | | | 1959 | 16 | 8 | 197 | | | | 2649 |
| Female | | | | | | | | | | | | | |
| Sample Number | | 20 | 9 | | | 279 | 1 | | 30 | | | | 339 |
| Percent | | 3.0 | 1.4 | | | 42.2 | 0.2 | | 4.5 | | | | 51.3 |
| Std. Error | | 0.6 | 0.4 | | | 1.8 | 0.1 | | 0.8 | | | | 1.8 |
| Number | | 165 | 74 | | | 2294 | 8 | | 247 | | | | 2788 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | 1 | 47 | 38 | | | 517 | 3 | 1 | 54 | | | | 661 |
| Percent | 0.2 | 7.1 | 5.7 | | | 78.2 | 0.5 | 0.2 | 8.2 | | | | 100.0 |
| Std. Error | 0.1 | 0.9 | 0.8 | | | 1.5 | 0.2 | 0.1 | 1.0 | | | | |
| Number | 8 | 387 | 313 | | | 4253 | 24 | 8 | 444 | | | | 5437 |
| Statistical Week 29 (July 12 - 18) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 1 | 19 | 28 | | | 207 | 3 | 3 | 18 | | | | 279 |
| Percent | 0.2 | 3.1 | 4.6 | | | 33.7 | 0.5 | 0.5 | 2.9 | | | | 45.4 |
| Std. Error | 0.2 | 0.7 | 0.8 | | | 1.9 | 0.3 | 0.3 | 0.7 | | | | 2.0 |
| Number | 21 | 393 | 579 | | | 4284 | 62 | 62 | 372 | | | | 5773 |
| Female | | | | | | | | | | | | | |
| Sample Number | | 21 | 20 | | | 259 | 4 | 1 | 31 | | | | 336 |
| Percent | | 3.4 | 3.3 | | | 42.1 | 0.7 | 0.2 | 5.0 | | | | 54.6 |
| Std. Error | | 0.7 | 0.7 | | | 1.9 | 0.3 | 0.2 | 0.9 | | | | 2.0 |
| Number | | 435 | 414 | | | 5360 | 83 | 21 | 640 | | | | 6953 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | 1 | 44 | 55 | | 1 | 508 | 7 | 4 | 55 | | | | 675 |
| Percent | 0.1 | 6.5 | 8.1 | | 0.1 | 75.3 | 1.0 | 0.6 | 8.1 | | | | 100.0 |
| Std. Error | 0.1 | 0.9 | 1.0 | | 0.1 | 1.6 | 0.4 | 0.3 | 1.0 | | | | |
| Number | 21 | 911 | 1138 | | 21 | 10511 | 145 | 83 | 1138 | | | | 13968 |
| Statistical Week 30 (July 19 - 25) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 2 | 31 | 17 | | | 202 | | | 17 | | | | 269 |
| Percent | 0.3 | 4.0 | 2.2 | | | 25.8 | | | 2.2 | | | | 34.4 |
| Std. Error | 0.2 | 0.7 | 0.5 | | | 1.5 | | | 0.5 | | | | 1.7 |
| Number | 40 | 613 | 336 | | | 3992 | | | 336 | | | | 5317 |
| Female | | | | | | | | | | | | | |
| Sample Number | | 50 | 3 | | | 425 | 4 | | 31 | | | | 513 |
| Percent | | 6.4 | 0.4 | | | 54.3 | 0.5 | | 4.0 | | | | 65.6 |
| Std. Error | | 0.9 | 0.2 | | | 1.7 | 0.2 | | 0.7 | | | | 1.7 |
| Number | | 988 | 59 | | | 8401 | 79 | | 613 | | | | 10140 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | 2 | 81 | 20 | | | 627 | 4 | | 48 | | | | 782 |
| Percent | 0.3 | 10.4 | 2.6 | | | 80.2 | 0.5 | | 6.1 | | | | 100.0 |
| Std. Error | 0.2 | 1.1 | 0.6 | | | 1.4 | 0.2 | | 0.8 | | | | |
| Number | 40 | 1601 | 395 | | | 12393 | 79 | | 949 | | | | 15457 |

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Appendix B.10 Age composition of sockeye salmon in the District 111 gill net catch by sex, age class, and fishing period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | | 1982 | | | 1981 | | | 1980 | | |
| | 0.2 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | 31 | 20 | | | 219 | 3 | | 21 | | | | 294 |
| Percent | | 4.4 | 2.8 | | | 31.2 | 0.4 | | 3.0 | | | | 41.9 |
| Std. Error | | 0.8 | 0.6 | | | 1.7 | 0.2 | | 0.6 | | | | 1.8 |
| Number | | 620 | 400 | | | 4378 | 60 | | 420 | | | | 5878 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | 42 | 4 | | | 342 | 1 | 1 | 18 | | | | 408 |
| Percent | | 6.0 | 0.6 | | | 48.7 | 0.1 | 0.1 | 2.6 | | | | 58.1 |
| Std. Error | | 0.9 | 0.3 | | | 1.8 | 0.1 | 0.1 | 0.6 | | | | 1.8 |
| Number | | 839 | 80 | | | 6838 | 20 | 20 | 360 | | | | 8157 |
| **All Fish** | | | | | | | | | | | | | |
| Sample Number | | 73 | 24 | | | 561 | 4 | 1 | 39 | | | | 702 |
| Percent | | 10.4 | 3.4 | | | 79.9 | 0.6 | 0.1 | 5.6 | | | | 100.0 |
| Std. Error | | 1.1 | 0.7 | | | 1.5 | 0.3 | 0.1 | 0.8 | | | | |
| Number | | 1459 | 480 | | | 11216 | 80 | 20 | 780 | | | | 14035 |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | 47 | 12 | | | 223 | 2 | | 13 | | | | 297 |
| Percent | | 7.2 | 1.8 | | | 34.2 | 0.3 | | 2.0 | | | | 45.5 |
| Std. Error | | 1.0 | 0.5 | | | 1.8 | 0.2 | | 0.5 | | | | 1.9 |
| Number | | 685 | 175 | | | 3251 | 29 | | 190 | | | | 4330 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | 56 | 6 | | | 268 | 3 | | 23 | | | | 356 |
| Percent | | 8.6 | 0.9 | | | 41.0 | 0.5 | | 3.5 | | | | 54.5 |
| Std. Error | | 1.1 | 0.4 | | | 1.9 | 0.3 | | 0.7 | | | | 1.9 |
| Number | | 817 | 87 | | | 3908 | 44 | | 335 | | | | 5191 |
| **All Fish** | | | | | | | | | | | | | |
| Sample Number | | 103 | 18 | | | 491 | 5 | | 36 | | | | 653 |
| Percent | | 15.8 | 2.8 | | | 75.2 | 0.8 | | 5.5 | | | | 100.0 |
| Std. Error | | 1.4 | 0.6 | | | 1.6 | 0.3 | | 0.9 | | | | |
| Number | | 1502 | 262 | | | 7159 | 73 | | 525 | | | | 9521 |
| **Statistical Week 33 (August 9 - 15)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | 2 | 47 | 14 | 1 | 1 | 149 | 8 | | 30 | | 2 | | 254 |
| Percent | 0.3 | 7.9 | 2.4 | 0.2 | 0.2 | 25.0 | 1.3 | | 5.0 | | 0.3 | | 42.7 |
| Std. Error | 0.2 | 1.0 | 0.6 | 0.2 | 0.2 | 1.6 | 0.4 | | 0.8 | | 0.2 | | 1.9 |
| Number | 14 | 327 | 97 | 7 | 7 | 1037 | 56 | | 209 | | 14 | | 1768 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | 58 | 10 | | | 212 | 14 | | 46 | 1 | | | 341 |
| Percent | | 9.7 | 1.7 | | | 35.6 | 2.4 | | 7.7 | 0.2 | | | 57.3 |
| Std. Error | | 1.1 | 0.5 | | | 1.8 | 0.6 | | 1.0 | 0.2 | | | 1.9 |
| Number | | 404 | 70 | | | 1476 | 97 | | 320 | 7 | | | 2374 |
| **All Fish** | | | | | | | | | | | | | |
| Sample Number | 2 | 105 | 24 | 1 | 1 | 361 | 22 | | 76 | 1 | 2 | | 595 |
| Percent | 0.3 | 17.6 | 4.0 | 0.2 | 0.2 | 60.7 | 3.7 | | 12.8 | 0.2 | 0.3 | | 100.0 |
| Std. Error | 0.2 | 1.4 | 0.7 | 0.2 | 0.2 | 1.9 | 0.7 | | 1.3 | 0.2 | 0.2 | | |
| Number | 14 | 731 | 167 | 7 | 7 | 2513 | 153 | | 529 | 7 | 14 | | 4142 |
| **Statistical Weeks 34 - 40 (August 16 - Sept. 28)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | 12 | 4 | | | 50 | 2 | | 9 | | | | 77 |
| Percent | | 7.7 | 2.6 | | | 32.3 | 1.3 | | 5.8 | | | | 49.7 |
| Std. Error | | 2.1 | 1.3 | | | 3.7 | 0.9 | | 1.8 | | | | 3.9 |
| Number | | 283 | 94 | | | 1180 | 47 | | 212 | | | | 1816 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | 17 | 1 | | | 43 | 5 | | 12 | | | | 78 |
| Percent | | 11.0 | 0.6 | | | 27.7 | 3.2 | | 7.7 | | | | 50.3 |
| Std. Error | | 2.5 | 0.6 | | | 3.5 | 1.4 | | 2.1 | | | | 3.9 |
| Number | | 401 | 24 | | | 1013 | 118 | | 283 | | | | 1839 |
| **All Fish** | | | | | | | | | | | | | |
| Sample Number | | 29 | 5 | | | 93 | 7 | | 21 | | | | 155 |
| Percent | | 18.7 | 3.2 | | | 60.0 | 4.5 | | 13.5 | | | | 100.0 |
| Std. Error | | 3.1 | 1.4 | | | 3.9 | 1.6 | | 2.7 | | | | |
| Number | | 684 | 118 | | | 2193 | 165 | | 495 | | | | 3655 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | 6 | 244 | 178 | 1 | 1 | 1919 | 31 | 5 | 154 | | 2 | | 2541 |
| Percent | 0.1 | 4.5 | 3.1 | <0.1 | <0.1 | 32.5 | 0.5 | 0.1 | 2.8 | | <0.1 | | 43.7 |
| Std. Error | <0.1 | 0.3 | 0.3 | <0.1 | <0.1 | 0.7 | 0.1 | 0.1 | 0.2 | | <0.1 | | 0.7 |
| Number | 83 | 3346 | 2276 | 7 | 7 | 23968 | 351 | 74 | 2093 | | 14 | | 32219 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | 288 | 96 | | | 2364 | 45 | 5 | 233 | 2 | | 1 | 3034 |
| Percent | | 5.7 | 1.5 | | | 44.1 | 0.7 | 0.1 | 4.2 | <0.1 | | <0.1 | 56.3 |
| Std. Error | | 0.3 | 0.2 | | | 0.7 | 0.1 | <0.1 | 0.3 | <0.1 | | <0.1 | 0.7 |
| Number | | 4229 | 1074 | | | 32567 | 517 | 67 | 3100 | 11 | | 9 | 41574 |
| **All Fish 1/** | | | | | | | | | | | | | |
| Sample Number | 6 | 536 | 281 | 1 | 2 | 4325 | 76 | 10 | 393 | 2 | 2 | 1 | 5635 |
| Percent | 0.1 | 10.2 | 4.7 | <0.1 | <0.1 | 76.5 | 1.2 | 0.2 | 7.1 | <0.1 | <0.1 | <0.1 | 100.0 |
| Std. Error | <0.1 | 0.4 | 0.3 | <0.1 | <0.1 | 0.6 | 0.1 | 0.1 | 0.4 | <0.1 | <0.1 | <0.1 | |
| Number | 83 | 7658 | 3495 | 7 | 28 | 57402 | 868 | 141 | 5319 | 11 | 14 | 9 | 75035 |

1/ Includes unsexed fish totals.

Appendix B.11 Length composition of sockeye salmon in the District 111 gill net catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | | 1980 |
| | | 0.2 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 |
| Statistical Week 26 (June 21 - 27) | | | | | | | | | |
| Male | Avg. Length | | 614 | 496 | 609 | | 650 | 582 | |
| | Std. Error | | 7.6 | 15.1 | 2.5 | | | 8.8 | |
| | Sample Size | | 5 | 8 | 90 | | 1 | 3 | |
| Female | Avg. Length | | | 511 | 587 | 535 | | 598 | |
| | Std. Error | | | 11.4 | 2.1 | | | 5.4 | |
| | Sample Size | | | 6 | 95 | 1 | | 5 | |
| All Fish | Avg. Length | | 614 | 502 | 598 | 535 | 650 | 592 | |
| | Std. Error | | 7.6 | 9.8 | 1.8 | | | 5.3 | |
| | Sample Size | | 5 | 14 | 185 | 1 | 1 | 8 | |
| Statistical Week 27 (June 28 - July 4) | | | | | | | | | |
| Male | Avg. Length | | 607 | 482 | 604 | | | 587 | |
| | Std. Error | | 3.3 | 8.9 | 3.1 | | | 13.6 | |
| | Sample Size | | 3 | 9 | 67 | | | 3 | |
| Female | Avg. Length | | 591 | 505 | 586 | | 530 | 590 | 590 |
| | Std. Error | | 7.9 | 11.0 | 2.4 | | | 6.1 | |
| | Sample Size | | 6 | 5 | 69 | | 1 | 11 | 1 |
| All Fish | Avg. Length | | 596 | 490 | 595 | | 530 | 589 | 590 |
| | Std. Error | | 5.8 | 7.4 | 2.1 | | | 5.4 | |
| | Sample Size | | 9 | 14 | 136 | | 1 | 14 | 1 |
| Statistical Week 28 (July 5 - 11) | | | | | | | | | |
| Male | Avg. Length | 530 | 600 | 504 | 601 | | | 563 | |
| | Std. Error | | 6.1 | 14.1 | 3.0 | | | 19.8 | |
| | Sample Size | 1 | 6 | 8 | 67 | | | 8 | |
| Female | Avg. Length | | 581 | 495 | 588 | | | 590 | |
| | Std. Error | | 6.5 | 17.6 | 2.2 | | | 9.2 | |
| | Sample Size | | 7 | 3 | 84 | | | 7 | |
| All Fish | Avg. Length | 530 | 590 | 502 | 594 | | | 576 | |
| | Std. Error | | 5.1 | 10.9 | 1.9 | | | 11.6 | |
| | Sample Size | 1 | 13 | 11 | 151 | | | 15 | |
| Statistical Week 29 (July 12 - 18) | | | | | | | | | |
| Male | Avg. Length | | 582 | 481 | 611 | 485 | 650 | 619 | |
| | Std. Error | | 18.6 | 11.5 | 2.3 | | | 4.8 | |
| | Sample Size | | 3 | 7 | 61 | 1 | 1 | 7 | |
| Female | Avg. Length | | 574 | 456 | 589 | | 620 | 578 | |
| | Std. Error | | 8.1 | 15.6 | 2.0 | | | 9.0 | |
| | Sample Size | | 7 | 7 | 90 | | 1 | 9 | |
| All Fish | Avg. Length | | 576 | 469 | 598 | 485 | 635 | 596 | |
| | Std. Error | | 7.4 | 10.0 | 1.7 | | 15.0 | 7.5 | |
| | Sample Size | | 10 | 14 | 151 | 1 | 2 | 16 | |
| Statistical Week 30 (July 19 - 25) | | | | | | | | | |
| Male | Avg. Length | 495 | 595 | 478 | 602 | | | 611 | |
| | Std. Error | 35.0 | 6.1 | 13.1 | 2.5 | | | 12.5 | |
| | Sample Size | 2 | 13 | 5 | 86 | | | 7 | |
| Female | Avg. Length | | 590 | 495 | 587 | | | 590 | |
| | Std. Error | | 7.7 | | 1.7 | | | 4.8 | |
| | Sample Size | | 19 | 1 | 168 | | | 14 | |
| All Fish | Avg. Length | 495 | 592 | 481 | 592 | | | 597 | |
| | Std. Error | 35.0 | 5.1 | 11.1 | 1.5 | | | 5.5 | |
| | Sample Size | 2 | 32 | 6 | 254 | | | 21 | |

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Appendix B.11 Length composition of sockeye salmon in the District 111 gill net catch by sex, age class, and fishing period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | | 1980 |
| | | 0.2 | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | |
| Male | Avg. Length | | 611 | 488 | 605 | 527 | | 593 | |
| | Std. Error | | 4.0 | 9.3 | 2.2 | 41.5 | | 6.7 | |
| | Sample Size | | 16 | 11 | 112 | 3 | | 13 | |
| Female | Avg. Length | | 585 | 490 | 591 | 510 | | 586 | |
| | Std. Error | | 4.9 | | 1.6 | | | 6.4 | |
| | Sample Size | | 21 | 1 | 162 | 1 | | 7 | |
| All Fish | Avg. Length | | 596 | 488 | 597 | 523 | | 591 | |
| | Std. Error | | 3.9 | 8.5 | 1.3 | 29.6 | | 4.8 | |
| | Sample Size | | 37 | 12 | 274 | 4 | | 20 | |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | |
| Male | Avg. Length | | 603 | 503 | 606 | 505 | | 601 | |
| | Std. Error | | 5.0 | 17.6 | 3.0 | | | 8.7 | |
| | Sample Size | | 20 | 5 | 74 | 1 | | 7 | |
| Female | Avg. Length | | 568 | 500 | 582 | 560 | | 578 | |
| | Std. Error | | 3.0 | | 2.2 | | | 6.1 | |
| | Sample Size | | 22 | 1 | 107 | 1 | | 14 | |
| All Fish | Avg. Length | | 584 | 503 | 592 | 533 | | 586 | |
| | Std. Error | | 3.9 | 14.4 | 2.0 | 27.5 | | 5.4 | |
| | Sample Size | | 42 | 6 | 181 | 2 | | 21 | |
| **Statistical Week 33 (August 9 - 15)** | | | | | | | | | |
| Male | Avg. Length | | 607 | 461 | 610 | 543 | | 587 | |
| | Std. Error | | 6.2 | 23.8 | 2.6 | 8.0 | | 9.5 | |
| | Sample Size | | 14 | 5 | 53 | 5 | | 10 | |
| Female | Avg. Length | | 582 | 497 | 588 | 562 | | 600 | |
| | Std. Error | | 5.2 | 11.7 | 2.5 | 10.9 | | 5.2 | |
| | Sample Size | | 13 | 3 | 62 | 6 | | 17 | |
| All Fish | Avg. Length | | 595 | 474 | 598 | 553 | | 595 | |
| | Std. Error | | 4.7 | 16.1 | 2.1 | 7.3 | | 4.9 | |
| | Sample Size | | 27 | 8 | 115 | 11 | | 27 | |
| **Statistical Weeks 34 - 40 (August 16 - Sept. 28)** | | | | | | | | | |
| Male | Avg. Length | | 585 | 560 | 612 | 515 | | 610 | |
| | Std. Error | | 10.0 | | 4.5 | | | | |
| | Sample Size | | 2 | 1 | 10 | 1 | | 1 | |
| Female | Avg. Length | | 572 | | 577 | 513 | | 578 | |
| | Std. Error | | 1.7 | | 6.5 | 12.5 | | 10.9 | |
| | Sample Size | | 3 | | 12 | 2 | | 4 | |
| All Fish | Avg. Length | | 577 | 560 | 593 | 513 | | 584 | |
| | Std. Error | | 4.6 | | 5.5 | 7.3 | | 10.7 | |
| | Sample Size | | 5 | 1 | 22 | 3 | | 5 | |
| **Combined Periods (Unweighted)** | | | | | | | | | |
| Male | Avg. Length | 507 | 603 | 489 | 606 | 527 | 650 | 594 | |
| | Std. Error | 23.3 | 2.3 | 4.8 | 0.9 | 11.8 | <0.1 | 4.4 | |
| | Sample Size | 3 | 82 | 59 | 620 | 11 | 2 | 59 | |
| Female | Avg. Length | | 581 | 491 | 587 | 545 | 575 | 589 | 590 |
| | Std. Error | | 2.3 | 6.7 | 0.7 | 9.2 | 45.0 | 2.3 | |
| | Sample Size | | 98 | 27 | 849 | 11 | 2 | 88 | 1 |
| All Fish | Avg. Length | 507 | 591 | 489 | 595 | 536 | 613 | 591 | 590 |
| | Std. Error | 23.3 | 1.9 | 3.9 | 0.6 | 7.5 | 28.4 | 2.2 | |
| | Sample Size | 3 | 180 | 86 | 1469 | 22 | 4 | 147 | 1 |

Appendix B.12 Age composition of sockeye salmon in the Canadian Taku River commercial gill net catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | | 1981 | | | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | Total |
| Statistical Weeks 27 - 28 (June 28 - July 11) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | | 3 | 7 | | | 25 | 1 | | 1 | | 37 |
| Percent | | | 4.5 | 10.6 | | | 37.9 | 1.5 | | 1.5 | | 56.1 |
| Std. Error | | | 2.5 | 3.6 | | | 5.7 | 1.4 | | 1.4 | | 5.9 |
| Number | | | 31 | 73 | | | 261 | 10 | | 10 | | 385 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 2 | 3 | | | 19 | 1 | | 3 | 1 | 29 |
| Percent | | | 3.0 | 4.5 | | | 28.8 | 1.5 | | 4.5 | 1.5 | 43.9 |
| Std. Error | | | 2.0 | 2.5 | | | 5.3 | 1.4 | | 2.5 | 1.4 | 5.9 |
| Number | | | 21 | 31 | | | 197 | 10 | | 32 | 10 | 301 |
| All Fish | | | | | | | | | | | | |
| Sample Number | | | 5 | 10 | | | 44 | 2 | | 4 | 1 | 66 |
| Percent | | | 7.6 | 15.2 | | | 66.7 | 3.0 | | 6.1 | 1.5 | 100.0 |
| Std. Error | | | 3.1 | 4.2 | | | 5.6 | 2.0 | | 2.8 | 1.4 | |
| Number | | | 52 | 104 | | | 458 | 20 | | 42 | 10 | 686 |
| Statistical Week 29 (July 12 - 18) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | | 1 | 9 | | | 36 | 3 | | 3 | | 52 |
| Percent | | | 1.2 | 10.6 | | | 42.4 | 3.5 | | 3.5 | | 61.2 |
| Std. Error | | | 1.1 | 3.2 | | | 5.1 | 1.9 | | 1.9 | | 5.0 |
| Number | | | 9 | 83 | | | 331 | 28 | | 27 | | 478 |
| Female | | | | | | | | | | | | |
| Sample Number | | | | 3 | | | 25 | | 1 | 4 | | 33 |
| Percent | | | | 3.5 | | | 29.4 | | 1.2 | 4.7 | | 38.8 |
| Std. Error | | | | 1.9 | | | 4.7 | | 1.1 | 2.2 | | 5.0 |
| Number | | | | 28 | | | 230 | | 9 | 37 | | 304 |
| All Fish | | | | | | | | | | | | |
| Sample Number | | | 1 | 12 | | | 61 | 3 | 1 | 7 | | 85 |
| Percent | | | 1.2 | 14.1 | | | 71.8 | 3.5 | 1.2 | 8.2 | | 100.0 |
| Std. Error | | | 1.1 | 3.6 | | | 4.6 | 1.9 | 1.1 | 2.8 | | |
| Number | | | 9 | 111 | | | 561 | 28 | 9 | 64 | | 782 |
| Statistical Week 30 (July 19 - 25) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | 1 | | 4 | 12 | | | 60 | | | 4 | | 81 |
| Percent | 0.5 | | 2.1 | 6.3 | | | 31.6 | | | 2.1 | | 42.6 |
| Std. Error | 0.5 | | 1.0 | 1.7 | | | 3.3 | | | 1.0 | | 3.5 |
| Number | 24 | | 97 | 292 | | | 1459 | | | 98 | | 1970 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 16 | 2 | | | 83 | 1 | | 7 | | 109 |
| Percent | | | 8.4 | 1.1 | | | 43.7 | 0.5 | | 3.7 | | 57.4 |
| Std. Error | | | 2.0 | 0.7 | | | 3.5 | 0.5 | | 1.3 | | 3.5 |
| Number | | | 389 | 49 | | | 2019 | 24 | | 170 | | 2651 |
| All Fish | | | | | | | | | | | | |
| Sample Number | 1 | | 20 | 14 | | | 143 | 1 | | 11 | | 190 |
| Percent | 0.5 | | 10.5 | 7.4 | | | 75.3 | 0.5 | | 5.8 | | 100.0 |
| Std. Error | 0.5 | | 2.2 | 1.9 | | | 3.1 | 0.5 | | 1.7 | | |
| Number | 24 | | 486 | 341 | | | 3478 | 24 | | 268 | | 4621 |
| Statistical Week 31 (July 26 - August 1) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | 2 | 1 | 9 | 9 | | | 44 | 1 | | 2 | | 68 |
| Percent | 1.4 | 0.7 | 6.1 | 6.1 | | | 29.7 | 0.7 | | 1.4 | | 45.9 |
| Std. Error | 0.9 | 0.6 | 1.8 | 1.8 | | | 3.4 | 0.6 | | 0.9 | | 3.7 |
| Number | 10 | 5 | 46 | 46 | | | 223 | 5 | | 10 | | 345 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 18 | 1 | | | 55 | 1 | | 5 | | 80 |
| Percent | | | 12.2 | 0.7 | | | 37.2 | 0.7 | | 3.4 | | 54.1 |
| Std. Error | | | 2.4 | 0.6 | | | 3.6 | 0.6 | | 1.3 | | 3.7 |
| Number | | | 91 | 5 | | | 279 | 5 | | 26 | | 406 |
| All Fish | | | | | | | | | | | | |
| Sample Number | 2 | 1 | 27 | 10 | | | 99 | 2 | | 7 | | 148 |
| Percent | 1.4 | 0.7 | 18.2 | 6.8 | | | 66.9 | 1.4 | | 4.7 | | 100.0 |
| Std. Error | 0.9 | 0.6 | 2.9 | 1.9 | | | 3.5 | 0.9 | | 1.6 | | |
| Number | 10 | 5 | 137 | 51 | | | 502 | 10 | | 36 | | 751 |

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Appendix B.12 Age composition of sockeye salmon in the Canadian Taku River commercial gill net catch by sex, age class, and fishing period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | | 1981 | | | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | Total |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | 1 | | 17 | 11 | 1 | | 46 | 1 | | 2 | | 79 |
| Percent | 0.5 | | 9.0 | 5.8 | 0.5 | | 24.3 | 0.5 | | 1.1 | | 41.8 |
| Std. Error | 0.5 | | 2.0 | 1.7 | 0.5 | | 3.1 | 0.5 | | 0.7 | | 3.5 |
| Number | 22 | | 369 | 240 | 22 | | 1002 | 22 | | 44 | | 1721 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 41 | | | 1 | 64 | | | 4 | | 110 |
| Percent | | | 21.7 | | | 0.5 | 33.9 | | | 2.1 | | 58.2 |
| Std. Error | | | 2.9 | | | 0.5 | 3.4 | | | 1.0 | | 3.5 |
| Number | | | 894 | | | 22 | 1394 | | | 87 | | 2397 |
| All Fish | | | | | | | | | | | | |
| Sample Number | 1 | | 58 | 11 | 1 | 1 | 110 | 1 | | 6 | | 189 |
| Percent | 0.5 | | 30.7 | 5.8 | 0.5 | 0.5 | 58.2 | 0.5 | | 3.2 | | 100.0 |
| Std. Error | 0.5 | | 3.3 | 1.7 | 0.5 | 0.5 | 3.5 | 0.5 | | 1.2 | | |
| Number | 22 | | 1263 | 240 | 22 | 22 | 2396 | 22 | | 131 | | 4118 |
| **Statistical Week 33 (August 9 - 15)** | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | 2 | 1 | 30 | 8 | | | 60 | 2 | | | | 103 |
| Percent | 1.1 | 0.5 | 16.5 | 4.4 | | | 33.0 | 1.1 | | | | 56.6 |
| Std. Error | 0.7 | 0.5 | 2.6 | 1.4 | | | 3.3 | 0.7 | | | | 3.5 |
| Number | 17 | 9 | 260 | 69 | | | 520 | 17 | | | | 892 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 27 | 2 | | | 47 | 1 | | 2 | | 79 |
| Percent | | | 14.8 | 1.1 | | | 25.8 | 0.5 | | 1.1 | | 43.4 |
| Std. Error | | | 2.5 | 0.7 | | | 3.1 | 0.5 | | 0.7 | | 3.5 |
| Number | | | 234 | 18 | | | 407 | 9 | | 17 | | 685 |
| All Fish | | | | | | | | | | | | |
| Sample Number | 2 | 1 | 57 | 10 | | | 107 | 3 | | 2 | | 182 |
| Percent | 1.1 | 0.5 | 31.3 | 5.5 | | | 58.8 | 1.6 | | 1.1 | | 100.0 |
| Std. Error | 0.7 | 0.5 | 3.2 | 1.6 | | | 3.4 | 0.9 | | 0.7 | | |
| Number | 17 | 9 | 494 | 87 | | | 927 | 26 | | 17 | | 1577 |
| **Statistical Weeks 34 - 39 (August 16 - Sept. 26)** | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | 1 | | 26 | 6 | 1 | | 55 | | | 2 | | 91 |
| Percent | 0.5 | | 13.5 | 3.1 | 0.5 | | 28.5 | | | 1.0 | | 47.2 |
| Std. Error | 0.5 | | 2.2 | 1.1 | 0.5 | | 2.9 | | | 0.7 | | 3.2 |
| Number | 5 | | 137 | 32 | 5 | | 290 | | | 11 | | 480 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 27 | 5 | | | 66 | | | 4 | | 102 |
| Percent | | | 14.0 | 2.6 | | | 34.2 | | | 2.1 | | 52.8 |
| Std. Error | | | 2.3 | 1.0 | | | 3.1 | | | 0.9 | | 3.2 |
| Number | | | 143 | 26 | | | 349 | | | 21 | | 539 |
| All Fish | | | | | | | | | | | | |
| Sample Number | 1 | | 53 | 11 | 1 | | 121 | | | 6 | | 193 |
| Percent | 0.5 | | 27.5 | 5.7 | 0.5 | | 62.7 | | | 3.1 | | 100.0 |
| Std. Error | 0.5 | | 2.9 | 1.5 | 0.5 | | 3.1 | | | 1.1 | | |
| Number | 5 | | 280 | 58 | 5 | | 639 | | | 32 | | 1019 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | 7 | 2 | 90 | 62 | 2 | | 326 | 8 | | 14 | | 511 |
| Percent | 0.6 | 0.1 | 7.0 | 6.2 | 0.2 | | 30.1 | 0.6 | | 1.5 | | 46.3 |
| Std. Error | 0.3 | 0.1 | 0.8 | 0.8 | 0.2 | | 1.6 | 0.2 | | 0.4 | | 1.7 |
| Number | 78 | 14 | 949 | 835 | 27 | | 4086 | 82 | | 200 | | 6271 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 131 | 16 | | 1 | 359 | 4 | 1 | 29 | 1 | 542 |
| Percent | | | 13.1 | 1.2 | | 0.2 | 36.0 | 0.4 | 0.1 | 2.9 | 0.1 | 53.7 |
| Std. Error | | | 1.2 | 0.3 | | 0.2 | 1.7 | 0.2 | 0.1 | 0.6 | 0.1 | 1.7 |
| Number | | | 1772 | 157 | | 22 | 4875 | 48 | 9 | 390 | 10 | 7283 |
| All Fish | | | | | | | | | | | | |
| Sample Number | 7 | 2 | 221 | 78 | 2 | 1 | 685 | 12 | 1 | 43 | 1 | 1053 |
| Percent | 0.6 | 0.1 | 20.1 | 7.3 | 0.2 | 0.2 | 66.1 | 1.0 | 0.1 | 4.3 | 0.1 | 100.0 |
| Std. Error | 0.3 | 0.1 | 1.3 | 0.9 | 0.2 | 0.2 | 1.6 | 0.3 | 0.1 | 0.7 | 0.1 | |
| Number | 78 | 14 | 2721 | 992 | 27 | 22 | 8961 | 130 | 9 | 590 | 10 | 13554 |

Appendix B.13 Length composition of sockeye salmon in the Canadian Taku River commercial gill net catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | | 1982 | | | 1981 | | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 |
| Statistical Weeks 27 - 28 (June 28 - July 11) | | | | | | | | | | | | |
| Male | Avg. Length | | | 572 | 480 | | | 594 | 483 | | 554 | |
| | Std. Error | | | 16.0 | 7.1 | | | 5.6 | | | | |
| | Sample Size | | | 3 | 7 | | | 25 | 1 | | 1 | |
| Female | Avg. Length | | | 592 | 496 | | | 587 | 516 | | 565 | 483 |
| | Std. Error | | | 11.0 | 12.9 | | | 4.8 | | | 14.4 | |
| | Sample Size | | | 2 | 3 | | | 19 | 1 | | 3 | 1 |
| All Fish | Avg. Length | | | 580 | 485 | | | 591 | 500 | | 562 | 483 |
| | Std. Error | | | 10.6 | 6.3 | | | 3.8 | 16.5 | | 10.5 | |
| | Sample Size | | | 5 | 10 | | | 44 | 2 | | 4 | 1 |
| Statistical Week 29 (July 12 - 18) | | | | | | | | | | | | |
| Male | Avg. Length | | | 609 | 478 | | | 602 | 498 | | 590 | |
| | Std. Error | | | | 5.3 | | | 4.0 | 41.0 | | 1.7 | |
| | Sample Size | | | 1 | 9 | | | 36 | 3 | | 3 | |
| Female | Avg. Length | | | | 523 | | | 583 | | 630 | 595 | |
| | Std. Error | | | | 9.7 | | | 3.6 | | | 6.4 | |
| | Sample Size | | | | 3 | | | 25 | | 1 | 4 | |
| All Fish | Avg. Length | | | 609 | 489 | | | 594 | 498 | 630 | 593 | |
| | Std. Error | | | | 7.4 | | | 3.0 | 41.0 | | 3.6 | |
| | Sample Size | | | 1 | 12 | | | 61 | 3 | 1 | 7 | |
| Statistical Week 30 (July 19 - 25) | | | | | | | | | | | | |
| Male | Avg. Length | 440 | | 578 | 482 | | | 601 | | | 609 | |
| | Std. Error | | | 13.4 | 8.1 | | | 2.6 | | | 9.6 | |
| | Sample Size | 1 | | 4 | 12 | | | 60 | | | 4 | |
| Female | Avg. Length | | | 575 | 511 | | | 582 | 527 | | 585 | |
| | Std. Error | | | 4.7 | 38.5 | | | 2.4 | | | 7.9 | |
| | Sample Size | | | 16 | 2 | | | 83 | 1 | | 7 | |
| All Fish | Avg. Length | 440 | | 575 | 486 | | | 590 | 527 | | 593 | |
| | Std. Error | | | 4.4 | 8.5 | | | 1.9 | | | 6.9 | |
| | Sample Size | 1 | | 20 | 14 | | | 143 | 1 | | 11 | |
| Statistical Week 31 (July 26 - August 1) | | | | | | | | | | | | |
| Male | Avg. Length | 443 | 331 | 568 | 448 | | | 595 | 472 | | 589 | |
| | Std. Error | 13.5 | | 9.4 | 6.4 | | | 4.1 | | | 1.5 | |
| | Sample Size | 2 | 1 | 9 | 9 | | | 44 | 1 | | 2 | |
| Female | Avg. Length | | | 565 | 504 | | | 579 | 504 | | 568 | |
| | Std. Error | | | 7.8 | | | | 3.3 | | | 11.2 | |
| | Sample Size | | | 18 | 1 | | | 55 | 1 | | 5 | |
| All Fish | Avg. Length | 443 | 331 | 566 | 454 | | | 586 | 488 | | 574 | |
| | Std. Error | 13.5 | | 6.0 | 8.0 | | | 2.7 | 16.0 | | 8.7 | |
| | Sample Size | 2 | 1 | 27 | 10 | | | 99 | 2 | | 7 | |

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Appendix B.13 Length composition of sockeye salmon in the Canadian Taku River commercial gill net catch by sex, age class, and fishing period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | | 1982 | | | 1981 | | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | | | |
| Male | Avg. Length | 478 | | 600 | 475 | 352 | | 605 | 429 | | 625 | |
| | Std. Error | | | 3.3 | 10.2 | | | 3.2 | | | 5.0 | |
| | Sample Size | 1 | | 17 | 11 | 1 | | 46 | 1 | | 2 | |
| Female | Avg. Length | | | 581 | | | 516 | 591 | | | 587 | |
| | Std. Error | | | 3.0 | | | | 2.3 | | | 14.1 | |
| | Sample Size | | | 41 | | | 1 | 64 | | | 4 | |
| All Fish | Avg. Length | 478 | | 586 | 475 | 352 | 516 | 597 | 429 | | 599 | |
| | Std. Error | | | 2.6 | 10.2 | | | 2.0 | | | 12.1 | |
| | Sample Size | 1 | | 58 | 11 | 1 | 1 | 110 | 1 | | 6 | |
| **Statistical Week 33 (August 9 - 15)** | | | | | | | | | | | | |
| Male | Avg. Length | 462 | | 604 | 489 | | | 611 | 481 | | | |
| | Std. Error | 5.5 | | 3.3 | 14.0 | | | 4.3 | 68.5 | | | |
| | Sample Size | 2 | | 28 | 8 | | | 59 | 2 | | | |
| Female | Avg. Length | | | 579 | 505 | | | 592 | 549 | | 533 | |
| | Std. Error | | | 6.3 | 11.0 | | | 2.7 | | | 16.5 | |
| | Sample Size | | | 26 | 2 | | | 47 | 1 | | 2 | |
| All Fish | Avg. Length | 462 | | 592 | 492 | | | 602 | 503 | | 533 | |
| | Std. Error | 5.5 | | 3.9 | 11.4 | | | 2.8 | 45.7 | | 16.5 | |
| | Sample Size | 2 | | 54 | 10 | | | 106 | 3 | | 2 | |
| **Statistical Weeks 34 - 39 (August 16 - Sept. 26)** | | | | | | | | | | | | |
| Male | Avg. Length | 429 | | 594 | 462 | 363 | | 599 | | | 592 | |
| | Std. Error | | | 4.1 | 7.3 | | | 4.3 | | | 22.0 | |
| | Sample Size | 1 | | 26 | 6 | 1 | | 55 | | | 2 | |
| Female | Avg. Length | | | 570 | 529 | | | 582 | | | 575 | |
| | Std. Error | | | 3.8 | 9.9 | | | 2.7 | | | 5.0 | |
| | Sample Size | | | 27 | 5 | | | 66 | | | 4 | |
| All Fish | Avg. Length | 429 | | 582 | 492 | 363 | | 590 | | | 580 | |
| | Std. Error | | | 3.2 | 12.0 | | | 2.6 | | | 7.5 | |
| | Sample Size | 1 | | 53 | 11 | 1 | | 121 | | | 6 | |
| **Combined Periods (Unweighted)** | | | | | | | | | | | | |
| Male | Avg. Length | 451 | 331 | 594 | 474 | 358 | | 602 | 480 | | 598 | |
| | Std. Error | 7.1 | | 2.4 | 3.6 | 5.5 | | 1.5 | 20.3 | | 5.9 | |
| | Sample Size | 7 | 1 | 88 | 62 | 2 | | 325 | 8 | | 14 | |
| Female | Avg. Length | | | 575 | 515 | | 516 | 585 | 524 | 630 | 576 | 483 |
| | Std. Error | | | 2.2 | 6.2 | | | 1.1 | 9.6 | | 4.6 | |
| | Sample Size | | | 130 | 16 | | 1 | 359 | 4 | 1 | 29 | 1 |
| All Fish | Avg. Length | 451 | 331 | 583 | 482 | 358 | 516 | 593 | 495 | 630 | 583 | 483 |
| | Std. Error | 7.1 | | 1.7 | 3.7 | 5.5 | | 1.0 | 14.9 | | 3.9 | |
| | Sample Size | 7 | 1 | 218 | 78 | 2 | 1 | 684 | 12 | 1 | 43 | 1 |

Appendix B.14 Age composition of sockeye salmon in the District 115 gill net catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | 1982 | | | 1981 | | | 1980 | | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| **Statistical Week 26 (June 21 - 27)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | 1 | | 12 | 12 | | 399 | 3 | | 16 | | | | 443 |
| Percent | 0.1 | | 1.3 | 1.3 | | 42.5 | 0.3 | | 1.7 | | | | 47.2 |
| Std. Error | 0.1 | | 0.3 | 0.3 | | 1.5 | 0.2 | | 0.4 | | | | 1.5 |
| Number | 8 | | 95 | 95 | | 3163 | 24 | | 127 | | | | 3512 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | | 17 | 5 | | 435 | 5 | | 34 | | | | 496 |
| Percent | | | 1.8 | 0.5 | | 46.3 | 0.5 | | 3.6 | | | | 52.8 |
| Std. Error | | | 0.4 | 0.2 | | 1.5 | 0.2 | | 0.6 | | | | 1.5 |
| Number | | | 135 | 40 | | 3449 | 39 | | 269 | | | | 3932 |
| **All Fish 1/** | | | | | | | | | | | | | |
| Sample Number | 1 | | 29 | 17 | | 835 | 8 | | 50 | | | | 940 |
| Percent | 0.1 | | 3.1 | 1.8 | | 88.8 | 0.9 | | 5.3 | | | | 100.0 |
| Std. Error | 0.1 | | 0.5 | 0.4 | | 1.0 | 0.3 | | 0.7 | | | | |
| Number | 8 | | 230 | 135 | | 6620 | 63 | | 396 | | | | 7452 |
| **Statistical Week 27 (June 28 - July 4)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | | 68 | 32 | | 361 | 5 | | 17 | | | | 483 |
| Percent | | | 6.9 | 3.2 | | 36.5 | 0.5 | | 1.7 | | | | 48.9 |
| Std. Error | | | 0.8 | 0.6 | | 1.5 | 0.2 | | 0.4 | | | | 1.6 |
| Number | | | 1827 | 860 | | 9702 | 134 | | 457 | | | | 12980 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | 1 | 66 | 6 | | 406 | 3 | 1 | 22 | | | | 505 |
| Percent | | 0.1 | 6.7 | 0.6 | | 41.1 | 0.3 | 0.1 | 2.2 | | | | 51.1 |
| Std. Error | | 0.1 | 0.8 | 0.2 | | 1.5 | 0.2 | 0.1 | 0.5 | | | | 1.6 |
| Number | | 27 | 1774 | 161 | | 10910 | 81 | 27 | 591 | | | | 13571 |
| **All Fish 1/** | | | | | | | | | | | | | |
| Sample Number | | 1 | 135 | 39 | | 775 | 8 | 1 | 39 | | | | 998 |
| Percent | | 0.1 | 13.5 | 3.9 | | 77.7 | 0.8 | 0.1 | 3.9 | | | | 100.0 |
| Std. Error | | 0.1 | 1.1 | 0.6 | | 1.3 | 0.3 | 0.1 | 0.6 | | | | |
| Number | | 27 | 3628 | 1048 | | 20827 | 215 | 27 | 1048 | | | | 26820 |
| **Statistical Week 28 (July 5 - 11)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | | 32 | 29 | 2 | 333 | 3 | | 25 | | | | 424 |
| Percent | | | 3.7 | 3.3 | 0.2 | 38.1 | 0.3 | | 2.9 | | | | 48.5 |
| Std. Error | | | 0.6 | 0.6 | 0.2 | 1.5 | 0.2 | | 0.5 | | | | 1.6 |
| Number | | | 262 | 237 | 16 | 2724 | 25 | | 205 | | | | 3469 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | | 25 | 23 | | 351 | 15 | | 37 | | | | 451 |
| Percent | | | 2.9 | 2.6 | | 40.1 | 1.7 | | 4.2 | | | | 51.5 |
| Std. Error | | | 0.5 | 0.5 | | 1.6 | 0.4 | | 0.6 | | | | 1.6 |
| Number | | | 204 | 188 | | 2872 | 123 | | 303 | | | | 3690 |
| **All Fish** | | | | | | | | | | | | | |
| Sample Number | | | 57 | 52 | 2 | 684 | 18 | | 62 | | | | 875 |
| Percent | | | 6.5 | 5.9 | 0.2 | 78.2 | 2.1 | | 7.1 | | | | 100.0 |
| Std. Error | | | 0.8 | 0.7 | 0.2 | 1.3 | 0.4 | | 0.8 | | | | |
| Number | | | 466 | 425 | 16 | 5596 | 148 | | 508 | | | | 7159 |
| **Statistical Week 29 (July 12 - 18)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | 1 | | 7 | 46 | | 436 | 10 | | 23 | | | | 523 |
| Percent | 0.1 | | 0.7 | 4.4 | | 41.8 | 1.0 | | 2.2 | | | | 50.2 |
| Std. Error | 0.1 | | 0.3 | 0.6 | | 1.5 | 0.3 | | 0.5 | | | | 1.5 |
| Number | 48 | | 339 | 2230 | | 21135 | 485 | | 1114 | | | | 25351 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | | 7 | 22 | | 450 | 4 | 1 | 35 | | | | 519 |
| Percent | | | 0.7 | 2.1 | | 43.2 | 0.4 | 0.1 | 3.4 | | | | 49.8 |
| Std. Error | | | 0.3 | 0.4 | | 1.5 | 0.2 | 0.1 | 0.6 | | | | 1.5 |
| Number | | | 339 | 1066 | | 21813 | 194 | 48 | 1697 | | | | 25157 |
| **All Fish 1/** | | | | | | | | | | | | | |
| Sample Number | 1 | | 16 | 71 | | 911 | 15 | 1 | 58 | | | | 1073 |
| Percent | 0.1 | | 1.5 | 6.6 | | 84.9 | 1.4 | 0.1 | 5.4 | | | | 100.0 |
| Std. Error | 0.1 | | 0.4 | 0.8 | | 1.1 | 0.4 | 0.1 | 0.7 | | | | |
| Number | 48 | | 776 | 3441 | | 44159 | 727 | 48 | 2811 | | | | 52010 |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | | 1 | 64 | | 372 | 2 | | 22 | | | | 461 |
| Percent | | | 0.1 | 6.7 | | 38.7 | 0.2 | | 2.3 | | | | 48.0 |
| Std. Error | | | 0.1 | 0.8 | | 1.6 | 0.1 | | 0.5 | | | | 1.6 |
| Number | | | 53 | 3417 | | 19860 | 107 | | 1174 | | | | 24611 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | | 3 | 28 | | 415 | 9 | 1 | 43 | 1 | | | 500 |
| Percent | | | 0.3 | 2.9 | | 43.2 | 0.9 | 0.1 | 4.5 | 0.1 | | | 52.0 |
| Std. Error | | | 0.2 | 0.5 | | 1.6 | 0.3 | 0.1 | 0.7 | 0.1 | | | 1.6 |
| Number | | | 161 | 1495 | | 22155 | 480 | 53 | 2296 | 53 | | | 26693 |
| **All Fish 1/** | | | | | | | | | | | | | |
| Sample Number | | | 4 | 92 | | 788 | 11 | 1 | 65 | 1 | | | 962 |
| Percent | | | 0.4 | 9.6 | | 81.9 | 1.1 | 0.1 | 6.8 | 0.1 | | | 100.0 |
| Std. Error | | | 0.2 | 0.9 | | 1.2 | 0.3 | 0.1 | 0.8 | 0.1 | | | |
| Number | | | 214 | 4911 | | 42069 | 587 | 53 | 3470 | 53 | | | 51357 |

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Appendix B.14 Age composition of sockeye salmon in the District 115 gill net catch by sex, age class, and fishing period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | 1982 | | | 1981 | | | 1980 | | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | | 4 | 46 | | 351 | 17 | | 65 | | | | 483 |
| Percent | | | 0.4 | 4.6 | | 35.0 | 1.7 | | 6.5 | | | | 48.1 |
| Std. Error | | | 0.2 | 0.7 | | 1.5 | 0.4 | | 0.8 | | | | 1.6 |
| Number | | | 193 | 2217 | | 16920 | 819 | | 3133 | | | | 23282 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | 2 | 25 | | 384 | 14 | 1 | 95 | | | | 521 |
| Percent | | | 0.2 | 2.5 | | 38.2 | 1.4 | 0.1 | 9.5 | | | | 51.9 |
| Std. Error | | | 0.1 | 0.5 | | 1.5 | 0.4 | 0.1 | 0.9 | | | | 1.6 |
| Number | | | 96 | 1205 | | 18511 | 675 | 48 | 4579 | | | | 25114 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | | | 6 | 71 | | 736 | 31 | 1 | 160 | | | | 1005 |
| Percent | | | 0.6 | 7.1 | | 73.2 | 3.1 | 0.1 | 15.9 | | | | 100.0 |
| Std. Error | | | 0.2 | 0.8 | | 1.4 | 0.5 | 0.1 | 1.1 | | | | |
| Number | | | 289 | 3422 | | 35479 | 1494 | 48 | 7712 | | | | 48444 |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | | 3 | 40 | | 355 | 33 | 2 | 187 | | 1 | | 621 |
| Percent | | | 0.2 | 2.8 | | 25.1 | 2.3 | 0.1 | 13.2 | | 0.1 | | 43.8 |
| Std. Error | | | 0.1 | 0.4 | | 1.1 | 0.4 | 0.1 | 0.9 | | 0.1 | | 1.3 |
| Number | | | 210 | 2804 | | 24881 | 2313 | 140 | 13106 | | 70 | | 43524 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | 1 | 31 | | 480 | 34 | 1 | 247 | | 1 | 1 | 796 |
| Percent | | | 0.1 | 2.2 | | 33.9 | 2.4 | 0.1 | 17.4 | | 0.1 | 0.1 | 56.2 |
| Std. Error | | | 0.1 | 0.4 | | 1.2 | 0.4 | 0.1 | 1.0 | | 0.1 | 0.1 | 1.3 |
| Number | | | 70 | 2173 | | 33642 | 2383 | 70 | 17312 | | 70 | 70 | 55790 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | | | 4 | 74 | | 854 | 71 | 3 | 441 | | 2 | 1 | 1450 |
| Percent | | | 0.3 | 5.1 | | 58.9 | 4.9 | 0.2 | 30.4 | | 0.1 | 0.1 | 100.0 |
| Std. Error | | | 0.1 | 0.6 | | 1.3 | 0.6 | 0.1 | 1.2 | | 0.1 | 0.1 | |
| Number | | | 280 | 5186 | | 59856 | 4976 | 210 | 30909 | | 140 | 70 | 101627 |
| **Statistical Week 33 (August 9 - 15)** | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | | | 13 | | 163 | 38 | | 209 | | | 2 | 425 |
| Percent | | | | 1.4 | | 17.8 | 4.2 | | 22.8 | | | 0.2 | 46.4 |
| Std. Error | | | | 0.4 | | 1.3 | 0.7 | | 1.4 | | | 0.2 | 1.6 |
| Number | | | | 725 | | 9086 | 2118 | | 11650 | | | 111 | 23690 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | 2 | 2 | | 211 | 43 | | 231 | | | 1 | 490 |
| Percent | | | 0.2 | 0.2 | | 23.1 | 4.7 | | 25.2 | | | 0.1 | 53.6 |
| Std. Error | | | 0.2 | 0.2 | | 1.4 | 0.7 | | 1.4 | | | 0.1 | 1.6 |
| Number | | | 111 | 111 | | 11762 | 2397 | | 12877 | | | 56 | 27314 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | | | 2 | 15 | | 374 | 81 | | 440 | | | 3 | 915 |
| Percent | | | 0.2 | 1.6 | | 40.9 | 8.9 | | 48.1 | | | 0.3 | 100.0 |
| Std. Error | | | 0.2 | 0.4 | | 1.6 | 0.9 | | 1.6 | | | 0.2 | |
| Number | | | 111 | 836 | | 20848 | 4515 | | 24527 | | | 167 | 51004 |
| **Statistical Week 34 (August 16 - 22)** | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | | 1 | 11 | 1 | 159 | 54 | | 272 | 2 | 1 | 1 | 502 |
| Percent | | | 0.1 | 1.1 | 0.1 | 15.5 | 5.2 | | 26.4 | 0.2 | 0.1 | 0.1 | 48.8 |
| Std. Error | | | 0.1 | 0.3 | 0.1 | 1.1 | 0.7 | | 1.4 | 0.1 | 0.1 | 0.1 | 1.5 |
| Number | | | 38 | 421 | 38 | 6089 | 2068 | | 10417 | 77 | 38 | 38 | 19224 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | | 8 | | 174 | 44 | 1 | 298 | | 1 | 1 | 527 |
| Percent | | | | 0.8 | | 16.9 | 4.3 | 0.1 | 29.0 | | 0.1 | 0.1 | 51.2 |
| Std. Error | | | | 0.3 | | 1.2 | 0.6 | 0.1 | 1.4 | | 0.1 | 0.1 | 1.5 |
| Number | | | | 307 | | 6663 | 1685 | 38 | 11413 | | 38 | 38 | 20182 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | | | 1 | 19 | 1 | 341 | 104 | 1 | 589 | 2 | 2 | 2 | 1062 |
| Percent | | | 0.1 | 1.8 | 0.1 | 32.1 | 9.8 | 0.1 | 55.5 | 0.2 | 0.2 | 0.2 | 100.0 |
| Std. Error | | | 0.1 | 0.4 | 0.1 | 1.4 | 0.9 | 0.1 | 1.5 | 0.1 | 0.1 | 0.1 | |
| Number | | | 38 | 728 | 38 | 13059 | 3983 | 38 | 22557 | 77 | 76 | 76 | 40670 |
| **Statistical Week 35 (August 23 - 29)** | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | | | 11 | | 127 | 62 | | 225 | 1 | | | 426 |
| Percent | | | | 1.3 | | 14.5 | 7.1 | | 25.7 | 0.1 | | | 48.6 |
| Std. Error | | | | 0.4 | | 1.2 | 0.8 | | 1.4 | 0.1 | | | 1.7 |
| Number | | | | 250 | | 2884 | 1408 | | 5108 | 23 | | | 9673 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | | 8 | | 115 | 60 | | 261 | 3 | 1 | 3 | 451 |
| Percent | | | | 0.9 | | 13.1 | 6.8 | | 29.8 | 0.3 | 0.1 | 0.3 | 51.4 |
| Std. Error | | | | 0.3 | | 1.1 | 0.8 | | 1.5 | 0.2 | 0.1 | 0.2 | 1.7 |
| Number | | | | 182 | | 2611 | 1362 | | 5926 | 68 | 23 | 68 | 10240 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | | | | 19 | | 243 | 122 | | 488 | 4 | 1 | 3 | 880 |
| Percent | | | | 2.2 | | 27.6 | 13.9 | | 55.5 | 0.5 | 0.1 | 0.3 | 100.0 |
| Std. Error | | | | 0.5 | | 1.5 | 1.1 | | 1.6 | 0.2 | 0.1 | 0.2 | |
| Number | | | | 432 | | 5517 | 2770 | | 11080 | 91 | 23 | 68 | 19981 |

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Appendix B.14 Age composition of sockeye salmon in the District 115 gill net catch by sex, age class, and fishing period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | 1982 | | | 1981 | | | 1980 | | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| **Statistical Week 36 (August 30 - Sept. 5)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | | | 1 | | 65 | 64 | 1 | 161 | 1 | | 3 | 296 |
| Percent | | | | 0.2 | | 12.1 | 11.9 | 0.2 | 29.9 | 0.2 | | 0.6 | 54.9 |
| Std. Error | | | | 0.2 | | 1.3 | 1.3 | 0.2 | 1.9 | 0.2 | | 0.3 | 2.0 |
| Number | | | | 9 | | 569 | 560 | 9 | 1408 | 9 | | 26 | 2590 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | | | | | 55 | 46 | | 138 | 3 | | 1 | 243 |
| Percent | | | | | | 10.2 | 8.5 | | 25.6 | 0.6 | | 0.2 | 45.1 |
| Std. Error | | | | | | 1.2 | 1.1 | | 1.8 | 0.3 | | 0.2 | 2.0 |
| Number | | | | | | 481 | 402 | | 1208 | 26 | | 9 | 2126 |
| **All Fish 1/** | | | | | | | | | | | | | |
| Sample Number | | | | 1 | | 127 | 121 | 1 | 316 | 4 | 1 | 4 | 575 |
| Percent | | | | 0.2 | | 22.1 | 21.0 | 0.2 | 55.0 | 0.7 | 0.2 | 0.7 | 100.0 |
| Std. Error | | | | 0.2 | | 1.6 | 1.6 | 0.2 | 2.0 | 0.3 | 0.2 | 0.3 | |
| Number | | | | 9 | | 1111 | 1059 | 9 | 2764 | 35 | 9 | 35 | 5031 |
| **Statistical Week 37 (Sept. 6 - 12)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | | 1 | 1 | | 26 | 43 | | 123 | 2 | | 2 | 198 |
| Percent | | | 0.3 | 0.3 | | 7.4 | 12.3 | | 35.0 | 0.6 | | 0.6 | 56.4 |
| Std. Error | | | 0.3 | 0.3 | | 1.3 | 1.6 | | 2.4 | 0.4 | | 0.4 | 2.5 |
| Number | | | 7 | 7 | | 190 | 314 | | 896 | 15 | | 15 | 1444 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | | | 2 | | 14 | 21 | 1 | 112 | 1 | | 2 | 153 |
| Percent | | | | 0.6 | | 4.0 | 6.0 | 0.3 | 31.9 | 0.3 | | 0.6 | 43.6 |
| Std. Error | | | | 0.4 | | 1.0 | 1.2 | 0.3 | 2.3 | 0.3 | | 0.4 | 2.5 |
| Number | | | | 15 | | 102 | 153 | 7 | 817 | 7 | | 15 | 1116 |
| **All Fish** | | | | | | | | | | | | | |
| Sample Number | | | 1 | 3 | | 40 | 64 | 1 | 235 | 3 | | 4 | 351 |
| Percent | | | 0.3 | 0.9 | | 11.4 | 18.2 | 0.3 | 67.0 | 0.9 | | 1.1 | 100.0 |
| Std. Error | | | 0.3 | 0.5 | | 1.6 | 1.9 | 0.3 | 2.3 | 0.5 | | 0.5 | |
| Number | | | 7 | 22 | | 292 | 467 | 7 | 1713 | 22 | | 30 | 2560 |
| **Statistical Weeks 38 - 42 (Sept. 13 - October 17)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | | | 1 | | 12 | 49 | | 141 | 1 | 1 | 3 | 208 |
| Percent | | | | 0.3 | | 3.5 | 14.4 | | 41.5 | 0.3 | 0.3 | 0.9 | 61.2 |
| Std. Error | | | | 0.3 | | 0.9 | 1.7 | | 2.4 | 0.3 | 0.3 | 0.5 | 2.4 |
| Number | | | | 5 | | 60 | 245 | | 705 | 5 | 5 | 15 | 1040 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | | | | | 5 | 24 | | 102 | 1 | | | 132 |
| Percent | | | | | | 1.5 | 7.1 | | 30.0 | 0.3 | | | 38.8 |
| Std. Error | | | | | | 0.6 | 1.2 | | 2.2 | 0.3 | | | 2.4 |
| Number | | | | | | 25 | 120 | | 510 | 5 | | | 660 |
| **All Fish** | | | | | | | | | | | | | |
| Sample Number | | | | 1 | | 17 | 73 | | 243 | 2 | 1 | 3 | 340 |
| Percent | | | | 0.3 | | 5.0 | 21.5 | | 71.5 | 0.6 | 0.3 | 0.9 | 100.0 |
| Std. Error | | | | 0.3 | | 1.1 | 2.0 | | 2.2 | 0.4 | 0.3 | 0.5 | |
| Number | | | | 5 | | 85 | 365 | | 1215 | 10 | 5 | 15 | 1700 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | 2 | | 129 | 307 | 3 | 3159 | 383 | 3 | 1486 | 7 | 3 | 11 | 5493 |
| Percent | <0.1 | | 0.7 | 3.2 | <0.1 | 28.6 | 2.6 | <0.1 | 12.1 | <0.1 | <0.1 | 0.1 | 47.4 |
| Std. Error | <0.1 | | 0.1 | 0.2 | <0.1 | 0.5 | 0.2 | <0.1 | 0.3 | <0.1 | <0.1 | <0.1 | 0.5 |
| Number | 56 | | 3024 | 13277 | 54 | 117263 | 10620 | 149 | 49500 | 129 | 113 | 205 | 194390 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | 1 | 123 | 160 | | 3495 | 322 | 7 | 1655 | 9 | 3 | 9 | 5784 |
| Percent | | <0.1 | 0.7 | 1.7 | | 32.9 | 2.5 | 0.1 | 14.6 | <0.1 | <0.1 | 0.1 | 52.6 |
| Std. Error | | <0.1 | 0.1 | 0.1 | | 0.5 | 0.2 | <0.1 | 0.4 | <0.1 | <0.1 | <0.1 | 0.5 |
| Number | | 27 | 2890 | 6943 | | 134996 | 10094 | 291 | 59798 | 159 | 131 | 256 | 215585 |
| **All Fish 1/** | | | | | | | | | | | | | |
| Sample Number | 2 | 1 | 255 | 474 | 3 | 6725 | 727 | 10 | 3186 | 16 | 7 | 20 | 11426 |
| Percent | <0.1 | <0.1 | 1.5 | 5.0 | <0.1 | 61.4 | 5.1 | 0.1 | 26.6 | 0.1 | 0.1 | 0.1 | 100.0 |
| Std. Error | <0.1 | <0.1 | 0.1 | 0.2 | <0.1 | 0.5 | 0.2 | <0.1 | 0.4 | <0.1 | <0.1 | <0.1 | |
| Number | 56 | 27 | 6039 | 20600 | 54 | 255518 | 21369 | 440 | 110710 | 288 | 253 | 461 | 415815 |

1/ Includes unsexed fish totals.

Appendix B.15 Length composition of sockeye salmon in the District 115 gill net catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 |
| | | 0.2 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 |
| **Statistical Week 26 (June 21 - 27)** | | | | | | | | | | | |
| Male | Avg. Length | | 584 | | | 597 | 528 | | 605 | | |
| | Std. Error | | 12.6 | | | 2.8 | 7.5 | | 7.3 | | |
| | Sample Size | | 4 | | | 90 | 2 | | 7 | | |
| Female | Avg. Length | | 598 | 518 | | 595 | | | 600 | | |
| | Std. Error | | 2.5 | 17.5 | | 2.1 | | | 6.6 | | |
| | Sample Size | | 2 | 2 | | 84 | | | 11 | | |
| All Fish | Avg. Length | | 588 | 518 | | 596 | 528 | | 602 | | |
| | Std. Error | | 8.5 | 17.5 | | 1.8 | 7.5 | | 4.8 | | |
| | Sample Size | | 6 | 2 | | 174 | 2 | | 18 | | |
| **Statistical Week 27 (June 28 - July 4)** | | | | | | | | | | | |
| Male | Avg. Length | | 603 | 507 | | 597 | 495 | | 588 | | |
| | Std. Error | | 4.7 | 9.6 | | 2.3 | 17.7 | | 13.4 | | |
| | Sample Size | | 32 | 10 | | 153 | 4 | | 9 | | |
| Female | Avg. Length | | 588 | 518 | | 589 | 510 | 625 | 585 | | |
| | Std. Error | | 2.9 | 7.5 | | 1.4 | | | 7.6 | | |
| | Sample Size | | 35 | 2 | | 201 | 1 | 1 | 10 | | |
| All Fish 1/ | Avg. Length | | 595 | 509 | | 592 | 498 | 625 | 587 | | |
| | Std. Error | | 2.8 | 7.5 | | 1.3 | 14.0 | | 7.3 | | |
| | Sample Size | | 67 | 13 | | 358 | 5 | 1 | 19 | | |
| **Statistical Week 28 (July 5 - 11)** | | | | | | | | | | | |
| Male | Avg. Length | | 601 | 507 | | 595 | | | 584 | | |
| | Std. Error | | 8.3 | 7.1 | | 3.1 | | | 12.3 | | |
| | Sample Size | | 6 | 7 | | 84 | | | 7 | | |
| Female | Avg. Length | | 584 | 481 | | 585 | 560 | | 589 | | |
| | Std. Error | | 7.1 | 8.1 | | 2.2 | 11.9 | | 20.2 | | |
| | Sample Size | | 7 | 6 | | 106 | 5 | | 4 | | |
| All Fish | Avg. Length | | 592 | 495 | | 590 | 560 | | 585 | | |
| | Std. Error | | 5.7 | 6.4 | | 1.9 | 11.9 | | 10.1 | | |
| | Sample Size | | 13 | 13 | | 190 | 5 | | 11 | | |
| **Statistical Week 29 (July 12 - 18)** | | | | | | | | | | | |
| Male | Avg. Length | 545 | 593 | 513 | | 599 | 568 | | 603 | | |
| | Std. Error | | 4.8 | 14.1 | | 2.4 | 7.5 | | 9.7 | | |
| | Sample Size | 1 | 4 | 9 | | 84 | 2 | | 4 | | |
| Female | Avg. Length | | 600 | 541 | | 583 | | | 593 | | |
| | Std. Error | | | 20.3 | | 2.7 | | | 10.1 | | |
| | Sample Size | | 1 | 5 | | 85 | | | 5 | | |
| All Fish | Avg. Length | 545 | 594 | 523 | | 591 | 568 | | 597 | | |
| | Std. Error | | 4.0 | 11.7 | | 1.9 | 7.5 | | 6.8 | | |
| | Sample Size | 1 | 5 | 14 | | 169 | 2 | | 9 | | |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | | | |
| Male | Avg. Length | | | 504 | | 594 | 500 | | 598 | | |
| | Std. Error | | | 9.1 | | 3.7 | | | 10.1 | | |
| | Sample Size | | | 17 | | 51 | 1 | | 3 | | |
| Female | Avg. Length | | | 564 | | 586 | 525 | | 594 | 590 | |
| | Std. Error | | | 21.3 | | 2.7 | | | 6.9 | | |
| | Sample Size | | | 5 | | 53 | 1 | | 7 | 1 | |
| All Fish | Avg. Length | | | 517 | | 590 | 513 | | 596 | 590 | |
| | Std. Error | | | 9.9 | | 2.3 | 12.5 | | 5.4 | | |
| | Sample Size | | | 22 | | 104 | 2 | | 10 | 1 | |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | | |
| Male | Avg. Length | | 605 | 502 | | 592 | 545 | | 588 | | |
| | Std. Error | | 5.0 | 11.7 | | 2.4 | 45.0 | | 5.7 | | |
| | Sample Size | | 2 | 16 | | 100 | 2 | | 18 | | |
| Female | Avg. Length | | | 503 | | 581 | 547 | | 583 | | |
| | Std. Error | | | 13.9 | | 2.2 | 14.3 | | 3.2 | | |
| | Sample Size | | | 8 | | 106 | 6 | | 34 | | |
| All Fish | Avg. Length | | 605 | 502 | | 586 | 546 | | 585 | | |
| | Std. Error | | 5.0 | 8.9 | | 1.7 | 13.5 | | 2.9 | | |
| | Sample Size | | 2 | 24 | | 206 | 8 | | 52 | | |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | | |
| Male | Avg. Length | | 625 | 513 | | 599 | 534 | | 602 | | |
| | Std. Error | | | 22.8 | | 2.4 | 16.3 | | 3.2 | | |
| | Sample Size | | 1 | 9 | | 77 | 6 | | 51 | | |
| Female | Avg. Length | | 585 | 496 | | 586 | 555 | 590 | 585 | | |
| | Std. Error | | | 10.8 | | 1.8 | | | 2.7 | | |
| | Sample Size | | 1 | 10 | | 134 | 2 | 1 | 68 | | |
| All Fish | Avg. Length | | 605 | 504 | | 591 | 539 | 590 | 593 | | |
| | Std. Error | | 20.0 | 12.0 | | 1.5 | 12.4 | | 2.2 | | |
| | Sample Size | | 2 | 19 | | 211 | 8 | 1 | 119 | | |

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Appendix B.15 Length composition of sockeye salmon in the District 115 gill net catch by sex, age class, and fishing period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | | 1980 |
| | | 0.2 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 |
| **Statistical Week 33 (August 9 - 15)** | | | | | | | | | | | |
| Male | Avg. Length | | | 518 | | 598 | 577 | | 607 | | 610 |
| | Std. Error | | | 10.2 | | 13.5 | 11.1 | | 3.9 | | |
| | Sample Size | | | 6 | | 46 | 9 | | 50 | | 1 |
| Female | Avg. Length | | | 515 | | 591 | 563 | | 589 | | |
| | Std. Error | | | 15.0 | | 2.6 | 5.2 | | 2.8 | | |
| | Sample Size | | | 2 | | 60 | 4 | | 67 | | |
| All Fish | Avg. Length | | | 518 | | 594 | 572 | | 596 | | 610 |
| | Std. Error | | | 8.0 | | 6.0 | 7.9 | | 2.4 | | |
| | Sample Size | | | 8 | | 106 | 13 | | 117 | | 1 |
| **Statistical Week 34 (August 16 - 22)** | | | | | | | | | | | |
| Male | Avg. Length | | | 490 | 600 | 599 | 557 | | 604 | | |
| | Std. Error | | | 25.0 | | 6.9 | 7.0 | | 3.8 | | |
| | Sample Size | | | 3 | 1 | 21 | 11 | | 47 | | |
| Female | Avg. Length | | | 533 | | 587 | 555 | | 586 | | |
| | Std. Error | | | 42.5 | | 3.8 | 10.2 | | 2.7 | | |
| | Sample Size | | | 2 | | 40 | 7 | | 61 | | |
| All Fish | Avg. Length | | | 507 | 600 | 591 | 556 | | 594 | | |
| | Std. Error | | | 21.8 | | 3.5 | 5.6 | | 2.4 | | |
| | Sample Size | | | 5 | 1 | 61 | 18 | | 108 | | |
| **Statistical Week 35 (August 23 - 29)** | | | | | | | | | | | |
| Male | Avg. Length | | | 490 | | 589 | 567 | | 592 | | |
| | Std. Error | | | | | 4.2 | 5.4 | | 3.3 | | |
| | Sample Size | | | 1 | | 26 | 30 | | 65 | | |
| Female | Avg. Length | | | 515 | | 582 | 551 | | 586 | 560 | |
| | Std. Error | | | 15.0 | | 4.3 | 5.7 | | 2.6 | | |
| | Sample Size | | | 2 | | 25 | 26 | | 71 | 1 | |
| All Fish 1/ | Avg. Length | | | 507 | | 586 | 559 | | 589 | 560 | |
| | Std. Error | | | 12.0 | | 3.0 | 4.0 | | 2.1 | | |
| | Sample Size | | | 3 | | 52 | 56 | | 136 | 1 | |
| **Statistical Week 36 (August 30 - Sept. 5)** | | | | | | | | | | | |
| Male | Avg. Length | | | | | 608 | 570 | | 612 | | |
| | Std. Error | | | | | 4.0 | 5.8 | | 3.4 | | |
| | Sample Size | | | | | 20 | 21 | | 52 | | |
| Female | Avg. Length | | | | | 578 | 552 | | 586 | 550 | |
| | Std. Error | | | | | 4.4 | 7.1 | | 4.4 | | |
| | Sample Size | | | | | 17 | 14 | | 41 | 1 | |
| All Fish | Avg. Length | | | | | 594 | 563 | | 600 | 550 | |
| | Std. Error | | | | | 3.9 | 4.6 | | 3.0 | | |
| | Sample Size | | | | | 37 | 35 | | 93 | 1 | |
| **Statistical Week 37 (Sept. 6 - 12)** | | | | | | | | | | | |
| Male | Avg. Length | | 630 | | | 613 | 571 | | 621 | | 638 |
| | Std. Error | | | | | 7.2 | 7.7 | | 3.2 | | 17.5 |
| | Sample Size | | 1 | | | 9 | 14 | | 62 | | 2 |
| Female | Avg. Length | | | 515 | | 605 | 548 | | 610 | | |
| | Std. Error | | | | | 45.0 | 18.8 | | 2.9 | | |
| | Sample Size | | | 1 | | 2 | 3 | | 33 | | |
| All Fish | Avg. Length | | 630 | 515 | | 611 | 567 | | 617 | | 638 |
| | Std. Error | | | | | 8.5 | 7.2 | | 2.4 | | 17.5 |
| | Sample Size | | 1 | 1 | | 11 | 17 | | 95 | | 2 |
| **Combined Periods (Unweighted)** | | | | | | | | | | | |
| Male | Avg. Length | 545 | 601 | 507 | 600 | 597 | 561 | | 604 | | 628 |
| | Std. Error | | 3.5 | 4.6 | | 1.2 | 3.3 | | 1.4 | | 13.6 |
| | Sample Size | 1 | 50 | 78 | 1 | 761 | 102 | | 375 | | 3 |
| Female | Avg. Length | | 588 | 513 | | 587 | 552 | 608 | 589 | 567 | |
| | Std. Error | | 2.5 | 6.1 | | 0.7 | 3.2 | 17.5 | 1.1 | 12.0 | |
| | Sample Size | | 46 | 45 | | 913 | 69 | 2 | 412 | 3 | |
| All Fish 1/ | Avg. Length | 545 | 595 | 509 | 600 | 591 | 557 | 608 | 596 | 567 | 628 |
| | Std. Error | | 2.2 | 3.6 | | 0.7 | 2.4 | 17.5 | 0.9 | 12.0 | 13.6 |
| | Sample Size | 1 | 96 | 124 | 1 | 1679 | 171 | 2 | 787 | 3 | 3 |

1/ Includes unsexed fish totals.

Appendix C.1 Age composition of sockeye salmon in the District 101 purse seine catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | 1981 | | | 1980 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | Total |
| **Statistical Weeks 28 - 29 (July 5 - 18)** | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | |
| Sample Number | | | | 21 | 1 | 158 | 20 | | 10 | | | 210 |
| Percent | | | | 5.1 | 0.2 | 38.7 | 4.9 | | 2.5 | | | 51.5 |
| Std. Error | | | | 1.0 | 0.2 | 2.3 | 1.0 | | 0.7 | | | 2.3 |
| Number | | | | 189 | 9 | 1427 | 180 | | 90 | | | 1895 |
| **Female** | | | | | | | | | | | | |
| Sample Number | | | 2 | 15 | | 148 | 27 | 1 | 4 | 1 | | 198 |
| Percent | | | 0.5 | 3.7 | | 36.3 | 6.6 | 0.2 | 1.0 | 0.2 | | 48.5 |
| Std. Error | | | 0.3 | 0.9 | | 2.3 | 1.2 | 0.2 | 0.5 | 0.2 | | 2.3 |
| Number | | | 18 | 135 | | 1335 | 244 | 9 | 36 | 9 | | 1786 |
| **All Fish 1/** | | | | | | | | | | | | |
| Sample Number | 1 | | 2 | 38 | 1 | 328 | 53 | 1 | 17 | 1 | | 442 |
| Percent | 0.2 | | 0.5 | 8.6 | 0.2 | 74.2 | 12.0 | 0.2 | 3.8 | 0.2 | | 100.0 |
| Std. Error | 0.2 | | 0.3 | 1.3 | 0.2 | 2.0 | 1.5 | 0.2 | 0.9 | 0.2 | | |
| Number | 9 | | 18 | 343 | 9 | 2960 | 478 | 9 | 153 | 9 | | 3988 |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | |
| Sample Number | | 1 | 1 | 38 | 2 | 241 | 23 | | 16 | | | 322 |
| Percent | | 0.2 | 0.2 | 6.1 | 0.3 | 38.4 | 3.7 | | 2.5 | | | 51.3 |
| Std. Error | | 0.2 | 0.2 | 0.9 | 0.2 | 1.9 | 0.7 | | 0.6 | | | 1.9 |
| Number | | 18 | 18 | 667 | 35 | 4227 | 404 | | 281 | | | 5650 |
| **Female** | | | | | | | | | | | | |
| Sample Number | | | 3 | 31 | 1 | 235 | 17 | | 19 | | | 306 |
| Percent | | | 0.5 | 4.9 | 0.2 | 37.4 | 2.7 | | 3.0 | | | 48.7 |
| Std. Error | | | 0.3 | 0.8 | 0.2 | 1.9 | 0.6 | | 0.7 | | | 1.9 |
| Number | | | 53 | 544 | 18 | 4123 | 298 | | 333 | | | 5369 |
| **All Fish** | | | | | | | | | | | | |
| Sample Number | | 1 | 4 | 69 | 3 | 476 | 40 | | 35 | | | 628 |
| Percent | | 0.2 | 0.6 | 11.0 | 0.5 | 75.8 | 6.4 | | 5.6 | | | 100.0 |
| Std. Error | | 0.2 | 0.3 | 1.2 | 0.3 | 1.7 | 0.9 | | 0.9 | | | |
| Number | | 18 | 71 | 1211 | 53 | 8350 | 702 | | 614 | | | 11019 |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | |
| Sample Number | | 2 | 1 | 25 | 1 | 95 | 23 | | 8 | | | 155 |
| Percent | | 0.5 | 0.3 | 6.5 | 0.3 | 24.5 | 5.9 | | 2.1 | | | 40.1 |
| Std. Error | | 0.4 | 0.2 | 1.2 | 0.2 | 2.1 | 1.2 | | 0.7 | | | 2.4 |
| Number | | 30 | 15 | 374 | 15 | 1419 | 344 | | 120 | | | 2317 |
| **Female** | | | | | | | | | | | | |
| Sample Number | | 8 | 1 | 30 | 2 | 137 | 43 | 1 | 10 | | | 232 |
| Percent | | 2.1 | 0.3 | 7.8 | 0.5 | 35.4 | 11.1 | 0.3 | 2.6 | | | 59.9 |
| Std. Error | | 0.7 | 0.2 | 1.3 | 0.4 | 2.4 | 1.5 | 0.2 | 0.8 | | | 2.4 |
| Number | | 120 | 15 | 448 | 30 | 2048 | 643 | 15 | 149 | | | 3468 |
| **All Fish** | | | | | | | | | | | | |
| Sample Number | | 10 | 2 | 55 | 3 | 232 | 66 | 1 | 18 | | | 387 |
| Percent | | 2.6 | 0.5 | 14.2 | 0.8 | 59.9 | 17.1 | 0.3 | 4.7 | | | 100.0 |
| Std. Error | | 0.8 | 0.4 | 1.7 | 0.4 | 2.4 | 1.8 | 0.2 | 1.0 | | | |
| Number | | 150 | 30 | 822 | 45 | 3467 | 987 | 15 | 269 | | | 5785 |

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Appendix C.1 Age composition of sockeye salmon in the District 101 purse seine catch by sex, age class, and fishing period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | 1981 | | | 1980 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | Total |
| Statistical Week 32 (August 2 - 8) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | | 1 | 19 | | 130 | 22 | | 39 | 1 | | 212 |
| Percent | | | 0.2 | 3.5 | | 23.9 | 4.0 | | 7.2 | 0.2 | | 39.0 |
| Std. Error | | | 0.2 | 0.8 | | 1.8 | 0.8 | | 1.1 | 0.2 | | 2.0 |
| Number | | | 24 | 465 | | 3177 | 538 | | 953 | 24 | | 5181 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 1 | 17 | | 221 | 42 | 2 | 49 | | | 332 |
| Percent | | | 0.2 | 3.1 | | 40.6 | 7.7 | 0.4 | 9.0 | | | 61.0 |
| Std. Error | | | 0.2 | 0.7 | | 2.1 | 1.1 | 0.3 | 1.2 | | | 2.0 |
| Number | | | 24 | 415 | | 5401 | 1026 | 49 | 1199 | | | 8114 |
| All Fish 1/ | | | | | | | | | | | | |
| Sample Number | | | 2 | 36 | | 351 | 64 | 2 | 89 | 1 | | 545 |
| Percent | | | 0.4 | 6.6 | | 64.4 | 11.7 | 0.4 | 16.3 | 0.2 | | 100.0 |
| Std. Error | | | 0.3 | 1.0 | | 2.0 | 1.4 | 0.3 | 1.6 | 0.2 | | |
| Number | | | 48 | 880 | | 8578 | 1564 | 49 | 2176 | 24 | | 13319 |
| Statistical Week 33 (August 9 - 15) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | 12 | 2 | 32 | 3 | 181 | 37 | 4 | 32 | | 1 | 304 |
| Percent | | 1.9 | 0.3 | 5.2 | 0.5 | 29.3 | 6.0 | 0.6 | 5.2 | | 0.2 | 49.2 |
| Std. Error | | 0.5 | 0.2 | 0.9 | 0.3 | 1.8 | 0.9 | 0.3 | 0.9 | | 0.2 | 1.9 |
| Number | | 179 | 30 | 477 | 45 | 2699 | 552 | 60 | 477 | | 15 | 4534 |
| Female | | | | | | | | | | | | |
| Sample Number | | 3 | 1 | 37 | | 183 | 55 | | 35 | | | 314 |
| Percent | | 0.5 | 0.2 | 6.0 | | 29.6 | 8.9 | | 5.7 | | | 50.8 |
| Std. Error | | 0.3 | 0.2 | 0.9 | | 1.8 | 1.1 | | 0.9 | | | 1.9 |
| Number | | 45 | 15 | 552 | | 2730 | 820 | | 522 | | | 4684 |
| All Fish | | | | | | | | | | | | |
| Sample Number | | 15 | 3 | 69 | 3 | 364 | 92 | 4 | 67 | | 1 | 618 |
| Percent | | 2.4 | 0.5 | 11.2 | 0.5 | 58.9 | 14.9 | 0.6 | 10.8 | | 0.2 | 100.0 |
| Std. Error | | 0.6 | 0.3 | 1.2 | 0.3 | 1.9 | 1.4 | 0.3 | 1.2 | | 0.2 | |
| Number | | 224 | 45 | 1029 | 45 | 5429 | 1372 | 60 | 999 | | 15 | 9218 |
| Combined Periods (Percentages are weighted by period catches) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | 15 | 5 | 135 | 7 | 805 | 125 | 4 | 105 | 1 | 1 | 1203 |
| Percent | | 0.5 | 0.2 | 5.1 | 0.2 | 30.1 | 4.7 | 0.1 | 4.5 | 0.1 | <0.1 | 45.5 |
| Std. Error | | 0.1 | 0.1 | 0.4 | 0.1 | 0.9 | 0.4 | 0.1 | 0.4 | 0.1 | <0.1 | 1.0 |
| Number | | 227 | 87 | 2172 | 104 | 12949 | 2018 | 60 | 1921 | 24 | 15 | 19577 |
| Female | | | | | | | | | | | | |
| Sample Number | | 11 | 8 | 130 | 3 | 924 | 184 | 4 | 117 | 1 | | 1382 |
| Percent | | 0.4 | 0.3 | 4.9 | 0.1 | 36.4 | 7.1 | 0.2 | 5.2 | <0.1 | | 54.5 |
| Std. Error | | 0.1 | 0.1 | 0.4 | 0.1 | 1.0 | 0.5 | 0.1 | 0.5 | <0.1 | | 1.0 |
| Number | | 165 | 125 | 2094 | 48 | 15637 | 3031 | 73 | 2239 | 9 | | 23421 |
| All Fish 1/ | | | | | | | | | | | | |
| Sample Number | 1 | 26 | 13 | 267 | 10 | 1751 | 315 | 8 | 226 | 2 | 1 | 2620 |
| Percent | <0.1 | 0.9 | 0.5 | 9.9 | 0.3 | 66.4 | 11.8 | 0.3 | 9.7 | 0.1 | <0.1 | 100.0 |
| Std. Error | <0.1 | 0.2 | 0.1 | 0.6 | 0.1 | 0.9 | 0.6 | 0.1 | 0.6 | 0.1 | <0.1 | |
| Number | 9 | 392 | 212 | 4285 | 152 | 28784 | 5103 | 133 | 4211 | 33 | 15 | 43329 |

1/ Includes unsexed fish totals.

Appendix C.2 Length composition of sockeye salmon in the District 101 purse seine catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | 1982 | | | 1981 | |
| | | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 |
| **Statistical Weeks 28 - 29 (July 5 - 18)** | | | | | | | | | | |
| Male | Avg. Length | | | 513 | 395 | 597 | 550 | | 587 | |
| | Std. Error | | | 29.5 | | 3.1 | 15.2 | | 31.1 | |
| | Sample Size | | | 6 | 1 | 60 | 11 | | 3 | |
| Female | Avg. Length | | | 521 | | 587 | 541 | | 598 | 475 |
| | Std. Error | | | 13.7 | | 2.5 | 7.8 | | 12.5 | |
| | Sample Size | | | 5 | | 47 | 8 | | 2 | 1 |
| All Fish | Avg. Length | | | 516 | 395 | 592 | 546 | | 591 | 475 |
| | Std. Error | | | 16.5 | | 2.1 | 9.2 | | 17.7 | |
| | Sample Size | | | 11 | 1 | 107 | 19 | | 5 | 1 |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | | |
| Male | Avg. Length | | | 489 | 395 | 596 | 558 | | 595 | |
| | Std. Error | | | 15.9 | | 4.9 | 11.6 | | 17.2 | |
| | Sample Size | | | 8 | 1 | 40 | 5 | | 5 | |
| Female | Avg. Length | | 580 | 496 | | 582 | 565 | | 583 | |
| | Std. Error | | | 14.7 | | 3.0 | 28.9 | | 12.0 | |
| | Sample Size | | 1 | 10 | | 41 | 3 | | 3 | |
| All Fish | Avg. Length | | 580 | 493 | 395 | 589 | 561 | | 591 | |
| | Std. Error | | | 10.5 | | 3.0 | 11.8 | | 11.2 | |
| | Sample Size | | 1 | 18 | 1 | 81 | 8 | | 8 | |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | |
| Male | Avg. Length | 388 | | 508 | 360 | 599 | 591 | | 575 | |
| | Std. Error | 22.5 | | 12.6 | | 3.8 | 12.2 | | | |
| | Sample Size | 2 | | 8 | 1 | 26 | 5 | | 1 | |
| Female | Avg. Length | 356 | | 497 | 375 | 583 | 553 | | 588 | |
| | Std. Error | 5.5 | | 9.8 | | 3.9 | 8.5 | | 20.3 | |
| | Sample Size | 8 | | 9 | 1 | 45 | 21 | | 3 | |
| All Fish | Avg. Length | 362 | | 502 | 368 | 589 | 560 | | 585 | |
| | Std. Error | 7.0 | | 7.7 | 7.5 | 3.0 | 7.8 | | 14.7 | |
| | Sample Size | 10 | | 17 | 2 | 71 | 26 | | 4 | |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | |
| Male | Avg. Length | | | 511 | | 606 | 520 | | 604 | |
| | Std. Error | | | 13.0 | | 4.3 | | | 7.4 | |
| | Sample Size | | | 8 | | 28 | 1 | | 6 | |
| Female | Avg. Length | | | 498 | | 588 | 535 | 580 | 572 | |
| | Std. Error | | | 17.5 | | 4.2 | 5.0 | | 6.6 | |
| | Sample Size | | | 2 | | 37 | 2 | 1 | 12 | |
| All Fish 1/ | Avg. Length | | | 509 | | 596 | 530 | 580 | 583 | |
| | Std. Error | | | 10.8 | | 3.2 | 5.8 | | 5.8 | |
| | Sample Size | | | 10 | | 65 | 3 | 1 | 19 | |
| **Statistical Week 33 (August 9 - 15)** | | | | | | | | | | |
| Male | Avg. Length | 377 | | 542 | 390 | 607 | 579 | | 621 | |
| | Std. Error | 9.8 | | 12.3 | | 7.4 | 8.5 | | 17.1 | |
| | Sample Size | 9 | | 9 | 1 | 12 | 16 | | 4 | |
| Female | Avg. Length | 400 | | 507 | | 584 | 557 | | 598 | |
| | Std. Error | 15.0 | | 12.7 | | 6.4 | 6.7 | | 12.3 | |
| | Sample Size | 2 | | 9 | | 26 | 22 | | 4 | |
| All Fish | Avg. Length | 381 | | 524 | 390 | 591 | 566 | | 609 | |
| | Std. Error | 8.6 | | 9.6 | | 5.2 | 5.5 | | 10.8 | |
| | Sample Size | 11 | | 18 | 1 | 38 | 38 | | 8 | |
| **Combined Periods (Unweighted)** | | | | | | | | | | |
| Male | Avg. Length | 379 | | 513 | 385 | 599 | 568 | | 601 | |
| | Std. Error | 8.5 | | 7.4 | 8.4 | 2.0 | 6.5 | | 7.7 | |
| | Sample Size | 11 | | 39 | 4 | 166 | 38 | | 19 | |
| Female | Avg. Length | 365 | 580 | 503 | 375 | 585 | 553 | 580 | 582 | 475 |
| | Std. Error | 7.7 | | 6.1 | | 1.7 | 4.5 | | 5.0 | |
| | Sample Size | 10 | 1 | 35 | 1 | 196 | 56 | 1 | 24 | 1 |
| All Fish 1/ | Avg. Length | 372 | 580 | 508 | 383 | 591 | 559 | 580 | 590 | 475 |
| | Std. Error | 5.9 | | 4.9 | 6.8 | 1.3 | 3.8 | | 4.5 | |
| | Sample Size | 21 | 1 | 74 | 5 | 362 | 94 | 1 | 44 | 1 |

1/ Includes unsexed fish totals.

Appendix C.3 Age composition of sockeye salmon in the District 102 purse seine catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | 1981 | | 1980 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 | Total |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | 1 | 1 | 1 | 30 | 1 | 133 | 7 | | 29 | | 203 |
| Percent | 0.2 | 0.2 | 0.2 | 6.6 | 0.2 | 29.1 | 1.5 | | 6.3 | | 44.4 |
| Std. Error | 0.2 | 0.2 | 0.2 | 1.1 | 0.2 | 2.0 | 0.5 | | 1.1 | | 2.2 |
| Number | 11 | 11 | 11 | 320 | 11 | 1420 | 75 | | 310 | | 2169 |
| Female | | | | | | | | | | | |
| Sample Number | | | 5 | 30 | 2 | 151 | 15 | | 51 | | 254 |
| Percent | | | 1.1 | 6.6 | 0.4 | 33.0 | 3.3 | | 11.2 | | 55.6 |
| Std. Error | | | 0.5 | 1.1 | 0.3 | 2.1 | 0.8 | | 1.4 | | 2.2 |
| Number | | | 53 | 320 | 21 | 1614 | 160 | | 545 | | 2713 |
| All Fish | | | | | | | | | | | |
| Sample Number | 1 | 1 | 6 | 60 | 3 | 284 | 22 | | 80 | | 457 |
| Percent | 0.2 | 0.2 | 1.3 | 13.1 | 0.7 | 62.1 | 4.8 | | 17.5 | | 100.0 |
| Std. Error | 0.2 | 0.2 | 0.5 | 1.5 | 0.4 | 2.2 | 1.0 | | 1.7 | | |
| Number | 11 | 11 | 64 | 640 | 32 | 3034 | 235 | | 855 | | 4882 |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | | 2 | | 31 | 1 | 100 | 13 | 2 | 32 | | 181 |
| Percent | | 0.5 | | 7.6 | 0.2 | 24.6 | 3.2 | 0.5 | 7.9 | | 44.5 |
| Std. Error | | 0.3 | | 1.3 | 0.2 | 2.1 | 0.9 | 0.3 | 1.3 | | 2.4 |
| Number | | 40 | | 620 | 20 | 2003 | 260 | 40 | 640 | | 3623 |
| Female | | | | | | | | | | | |
| Sample Number | | 1 | 1 | 35 | | 118 | 16 | | 52 | 3 | 226 |
| Percent | | 0.2 | 0.2 | 8.6 | | 29.0 | 3.9 | | 12.8 | 0.7 | 55.5 |
| Std. Error | | 0.2 | 0.2 | 1.4 | | 2.2 | 0.9 | | 1.6 | 0.4 | 2.4 |
| Number | | 20 | 20 | 701 | | 2361 | 320 | | 1041 | 60 | 4523 |
| All Fish | | | | | | | | | | | |
| Sample Number | | 3 | 1 | 66 | 1 | 218 | 29 | 2 | 84 | 3 | 407 |
| Percent | | 0.7 | 0.2 | 16.2 | 0.2 | 53.6 | 7.1 | 0.5 | 20.6 | 0.7 | 100.0 |
| Std. Error | | 0.4 | 0.2 | 1.8 | 0.2 | 2.4 | 1.2 | 0.3 | 2.0 | 0.4 | |
| Number | | 60 | 20 | 1321 | 20 | 4364 | 580 | 40 | 1681 | 60 | 8146 |
| **Statistical Weeks 33 - 41 (August 9 - October 10)** | | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | | 1 | 1 | 41 | 3 | 87 | 33 | | 35 | 1 | 202 |
| Percent | | 0.2 | 0.2 | 8.7 | 0.6 | 18.5 | 7.0 | | 7.4 | 0.2 | 43.0 |
| Std. Error | | 0.2 | 0.2 | 1.2 | 0.3 | 1.7 | 1.1 | | 1.1 | 0.2 | 2.2 |
| Number | | 9 | 9 | 387 | 28 | 822 | 313 | | 331 | 9 | 1908 |
| Female | | | | | | | | | | | |
| Sample Number | | | | 62 | | 115 | 40 | | 49 | 2 | 268 |
| Percent | | | | 13.2 | | 24.5 | 8.5 | | 10.4 | 0.4 | 57.0 |
| Std. Error | | | | 1.5 | | 1.9 | 1.2 | | 1.3 | 0.3 | 2.2 |
| Number | | | | 586 | | 1086 | 377 | | 463 | 19 | 2531 |
| All Fish 1/ | | | | | | | | | | | |
| Sample Number | | 1 | 1 | 103 | 3 | 202 | 74 | | 84 | 3 | 471 |
| Percent | | 0.2 | 0.2 | 21.9 | 0.6 | 42.9 | 15.7 | | 17.8 | 0.6 | 100.0 |
| Std. Error | | 0.2 | 0.2 | 1.8 | 0.3 | 2.2 | 1.6 | | 1.7 | 0.3 | |
| Number | | 9 | 9 | 973 | 28 | 1908 | 699 | | 794 | 28 | 4448 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | 1 | 4 | 2 | 102 | 5 | 320 | 53 | 2 | 96 | 1 | 586 |
| Percent | 0.1 | 0.3 | 0.1 | 7.6 | 0.3 | 24.3 | 3.7 | 0.2 | 7.3 | 0.1 | 44.1 |
| Std. Error | 0.1 | 0.2 | 0.1 | 0.7 | 0.2 | 1.2 | 0.5 | 0.2 | 0.7 | 0.1 | 1.4 |
| Number | 11 | 60 | 20 | 1327 | 59 | 4245 | 648 | 40 | 1281 | 9 | 7700 |
| Female | | | | | | | | | | | |
| Sample Number | | 1 | 6 | 127 | 2 | 384 | 71 | | 152 | 5 | 748 |
| Percent | | 0.1 | 0.4 | 9.2 | 0.1 | 29.0 | 4.9 | | 11.7 | 0.5 | 55.9 |
| Std. Error | | 0.1 | 0.2 | 0.8 | 0.1 | 1.3 | 0.6 | | 0.9 | 0.2 | 1.4 |
| Number | | 20 | 73 | 1607 | 21 | 5061 | 857 | | 2049 | 79 | 9767 |
| All Fish 1/ | | | | | | | | | | | |
| Sample Number | 1 | 5 | 8 | 229 | 7 | 704 | 125 | 2 | 248 | 6 | 1335 |
| Percent | 0.1 | 0.5 | 0.5 | 16.8 | 0.5 | 53.2 | 8.7 | 0.2 | 19.0 | 0.5 | 100.0 |
| Std. Error | 0.1 | 0.2 | 0.2 | 1.0 | 0.2 | 1.4 | 0.8 | 0.2 | 1.1 | 0.2 | |
| Number | 11 | 80 | 93 | 2934 | 80 | 9306 | 1514 | 40 | 3330 | 88 | 17476 |

1/ Includes unsexed fish totals.

Appendix C.4 Length composition of sockeye salmon in the District 102 purse seine catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | | 1982 | | 1981 | | 1980 |
| | | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 |
| Statistical Week 31 (July 26 - August 1) | | | | | | | | | |
| Male | Avg. Length | | 565 | | 585 | 593 | | 597 | |
| | Std. Error | | 24.6 | | 4.9 | 67.5 | | 7.1 | |
| | Sample Size | | 4 | | 45 | 2 | | 7 | |
| Female | Avg. Length | 595 | 509 | 398 | 573 | 517 | | 579 | |
| | Std. Error | | 14.9 | 7.5 | 5.4 | 20.9 | | 5.8 | |
| | Sample Size | 1 | 8 | 2 | 35 | 3 | | 5 | |
| All Fish | Avg. Length | 595 | 528 | 398 | 580 | 547 | | 590 | |
| | Std. Error | | 14.6 | 7.5 | 3.6 | 30.5 | | 5.3 | |
| | Sample Size | 1 | 12 | 2 | 80 | 5 | | 12 | |
| Statistical Week 32 (August 2 - 8) | | | | | | | | | |
| Male | Avg. Length | | 530 | | 570 | 529 | 595 | 578 | |
| | Std. Error | | 6.1 | | 5.2 | 12.0 | | 14.9 | |
| | Sample Size | | 4 | | 18 | 4 | 1 | 7 | |
| Female | Avg. Length | | 525 | | 566 | 465 | | 560 | |
| | Std. Error | | 5.2 | | 6.9 | | | 11.3 | |
| | Sample Size | | 5 | | 14 | 1 | | 6 | |
| All Fish | Avg. Length | | 527 | | 568 | 516 | 595 | 570 | |
| | Std. Error | | 3.8 | | 4.1 | 15.8 | | 9.5 | |
| | Sample Size | | 9 | | 32 | 5 | 1 | 13 | |
| Statistical Weeks 33 - 41 (August 9 - October 10) | | | | | | | | | |
| Male | Avg. Length | 590 | 523 | | 598 | 528 | | 579 | |
| | Std. Error | | 11.9 | | 6.0 | 11.3 | | 9.4 | |
| | Sample Size | 1 | 11 | | 19 | 8 | | 10 | |
| Female | Avg. Length | | 523 | | 566 | 508 | | 555 | 525 |
| | Std. Error | | 6.5 | | 5.7 | 10.1 | | 7.1 | |
| | Sample Size | | 18 | | 24 | 12 | | 12 | 1 |
| All Fish | Avg. Length | 590 | 523 | | 580 | 516 | | 566 | 525 |
| | Std. Error | | 5.9 | | 4.8 | 7.7 | | 6.2 | |
| | Sample Size | 1 | 29 | | 43 | 20 | | 22 | 1 |
| Combined Periods (Unweighted) | | | | | | | | | |
| Male | Avg. Length | 590 | 533 | | 585 | 538 | 595 | 584 | |
| | Std. Error | | 9.1 | | 3.4 | 11.7 | | 6.2 | |
| | Sample Size | 1 | 19 | | 82 | 14 | 1 | 24 | |
| Female | Avg. Length | 595 | 519 | 398 | 570 | 507 | | 561 | 525 |
| | Std. Error | | 5.4 | 7.5 | 3.4 | 8.7 | | 5.1 | |
| | Sample Size | 1 | 31 | 2 | 73 | 16 | | 23 | 1 |
| All Fish | Avg. Length | 593 | 525 | 398 | 578 | 521 | 595 | 573 | 525 |
| | Std. Error | 2.5 | 4.9 | 7.5 | 2.5 | 7.6 | | 4.3 | |
| | Sample Size | 2 | 50 | 2 | 155 | 30 | 1 | 47 | 1 |

Appendix C.5 Age composition of sockeye salmon in the District 103 purse seine catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | | 1981 | | 1980 | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 3.1 | 2.3 | 3.2 | 3.3 | Total |
| Statistical Weeks 34 - 38 (August 16 - Sept. 19) | | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | 6 | 9 | 8 | 55 | 13 | 3 | 30 | | | 124 |
| Percent | 2.4 | 3.6 | 3.2 | 22.2 | 5.2 | 1.2 | 12.1 | | | 50.0 |
| Std. Error | 0.9 | 1.1 | 1.0 | 2.4 | 1.3 | 0.6 | 1.9 | | | 2.9 |
| Number | 33 | 50 | 45 | 306 | 72 | 17 | 167 | | | 690 |
| **Female** | | | | | | | | | | |
| Sample Number | | 12 | | 67 | 10 | | 33 | 1 | 1 | 124 |
| Percent | | 4.8 | | 27.0 | 4.0 | | 13.3 | 0.4 | 0.4 | 50.0 |
| Std. Error | | 1.3 | | 2.6 | 1.1 | | 2.0 | 0.4 | 0.4 | 2.9 |
| Number | | 67 | | 371 | 56 | | 184 | 6 | 6 | 690 |
| **All Fish 1/** | | | | | | | | | | |
| Sample Number | 6 | 26 | 8 | 137 | 28 | 3 | 74 | 1 | 1 | 284 |
| Percent | 2.1 | 9.2 | 2.8 | 48.2 | 9.9 | 1.1 | 26.1 | 0.4 | 0.4 | 100.0 |
| Std. Error | 0.8 | 1.6 | 0.9 | 2.7 | 1.6 | 0.6 | 2.4 | 0.3 | 0.3 | |
| Number | 33 | 145 | 45 | 761 | 156 | 17 | 412 | 6 | 6 | 1581 |

1/ Includes unsexed fish totals.

Appendix C.6 Length composition of sockeye salmon in the District 103 purse seine catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | 1980 |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 3.1 | 2.3 | 3.2 | 3.3 |
| Statistical Weeks 34 - 38 (August 16 - Sept. 19) | | | | | | | | | | |
| Male | Avg. Length | 379 | 494 | 393 | 588 | 531 | 410 | 590 | | |
| | Std. Error | 11.2 | 14.8 | 9.8 | 4.3 | 9.6 | 2.9 | 4.5 | | |
| | Sample Size | 6 | 7 | 8 | 37 | 9 | 3 | 24 | | |
| Female | Avg. Length | | 523 | | 573 | 514 | | 576 | 500 | 560 |
| | Std. Error | | 11.0 | | 3.0 | 5.4 | | 4.0 | | |
| | Sample Size | | 9 | | 59 | 9 | | 27 | 1 | 1 |
| All Fish | Avg. Length | 379 | 510 | 393 | 579 | 523 | 410 | 583 | 500 | 560 |
| | Std. Error | 11.2 | 9.4 | 9.8 | 2.6 | 5.7 | 2.9 | 3.1 | | |
| | Sample Size | 6 | 16 | 8 | 96 | 18 | 3 | 51 | 1 | 1 |

Appendix C.7 Age composition of sockeye salmon in the District 104 purse seine catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | 1981 | | | 1980 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 | Total |
| Statistical Week 28 (July 5 - 11) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | 1 | | | 44 | | 72 | 23 | | 12 | 1 | 1 | 154 |
| Percent | 0.3 | | | 14.1 | | 23.1 | 7.4 | | 3.8 | 0.3 | 0.3 | 49.4 |
| Std. Error | 0.3 | | | 1.9 | | 2.3 | 1.4 | | 1.0 | 0.3 | 0.3 | 2.7 |
| Number | 14 | | | 600 | | 982 | 314 | | 164 | 14 | 14 | 2102 |
| Female | | | | | | | | | | | | |
| Sample Number | | | | 52 | | 84 | 12 | | 10 | | | 158 |
| Percent | | | | 16.7 | | 26.9 | 3.8 | | 3.2 | | | 50.6 |
| Std. Error | | | | 2.0 | | 2.4 | 1.0 | | 1.0 | | | 2.7 |
| Number | | | | 710 | | 1146 | 164 | | 136 | | | 2156 |
| All Fish | | | | | | | | | | | | |
| Sample Number | 1 | | | 96 | | 156 | 35 | | 22 | 1 | 1 | 312 |
| Percent | 0.3 | | | 30.8 | | 50.0 | 11.2 | | 7.1 | 0.3 | 0.3 | 100.0 |
| Std. Error | 0.3 | | | 2.5 | | 2.7 | 1.7 | | 1.4 | 0.3 | 0.3 | |
| Number | 14 | | | 1310 | | 2128 | 478 | | 300 | 14 | 14 | 4258 |
| Statistical Week 29 (July 12 - 18) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | 1 | 4 | 78 | 5 | 227 | 20 | | 32 | | | 367 |
| Percent | | 0.1 | 0.5 | 10.4 | 0.7 | 30.3 | 2.7 | | 4.3 | | | 49.1 |
| Std. Error | | 0.1 | 0.3 | 1.1 | 0.3 | 1.7 | 0.6 | | 0.7 | | | 1.8 |
| Number | | 51 | 204 | 3969 | 254 | 11550 | 1018 | | 1628 | | | 18674 |
| Female | | | | | | | | | | | | |
| Sample Number | 1 | | | 100 | | 229 | 25 | | 26 | | | 381 |
| Percent | 0.1 | | | 13.4 | | 30.6 | 3.3 | | 3.5 | | | 50.9 |
| Std. Error | 0.1 | | | 1.2 | | 1.7 | 0.7 | | 0.7 | | | 1.8 |
| Number | 51 | | | 5088 | | 11653 | 1272 | | 1323 | | | 19387 |
| All Fish 1/ | | | | | | | | | | | | |
| Sample Number | 1 | 1 | 4 | 179 | 5 | 458 | 45 | | 58 | | | 751 |
| Percent | 0.1 | 0.1 | 0.5 | 23.8 | 0.7 | 61.0 | 6.0 | | 7.7 | | | 100.0 |
| Std. Error | 0.1 | 0.1 | 0.3 | 1.5 | 0.3 | 1.8 | 0.9 | | 1.0 | | | |
| Number | 51 | 51 | 204 | 9108 | 254 | 23305 | 2290 | | 2951 | | | 38214 |
| Statistical Week 30 (July 19 - 25) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | 5 | 3 | 99 | 4 | 237 | 43 | | 21 | | | 412 |
| Percent | | 0.6 | 0.4 | 11.8 | 0.5 | 28.1 | 5.1 | | 2.5 | | | 48.9 |
| Std. Error | | 0.3 | 0.2 | 1.1 | 0.2 | 1.5 | 0.7 | | 0.5 | | | 1.7 |
| Number | | 177 | 106 | 3513 | 142 | 8410 | 1526 | | 745 | | | 14619 |
| Female | | | | | | | | | | | | |
| Sample Number | | 5 | 1 | 144 | 1 | 227 | 32 | | 19 | | 1 | 430 |
| Percent | | 0.6 | 0.1 | 17.1 | 0.1 | 27.0 | 3.8 | | 2.3 | | 0.1 | 51.1 |
| Std. Error | | 0.3 | 0.1 | 1.3 | 0.1 | 1.5 | 0.6 | | 0.5 | | 0.1 | 1.7 |
| Number | | 177 | 35 | 5112 | 35 | 8055 | 1135 | | 674 | | 35 | 15258 |
| All Fish 1/ | | | | | | | | | | | | |
| Sample Number | | 10 | 4 | 244 | 5 | 464 | 75 | | 40 | | 1 | 843 |
| Percent | | 1.2 | 0.5 | 28.9 | 0.6 | 55.0 | 8.9 | | 4.7 | | 0.1 | 100.0 |
| Std. Error | | 0.4 | 0.2 | 1.5 | 0.3 | 1.7 | 1.0 | | 0.7 | | 0.1 | |
| Number | | 354 | 141 | 8661 | 177 | 16465 | 2661 | | 1419 | | 35 | 29913 |
| Statistical Week 31 (July 26 - August 1) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | | | 28 | 1 | 104 | 9 | | 15 | | 1 | 158 |
| Percent | | | | 7.1 | 0.3 | 26.5 | 2.3 | | 3.8 | | 0.3 | 40.2 |
| Std. Error | | | | 1.3 | 0.3 | 2.2 | 0.7 | | 1.0 | | 0.3 | 2.5 |
| Number | | | | 1520 | 54 | 5646 | 489 | | 814 | | 54 | 8577 |
| Female | | | | | | | | | | | | |
| Sample Number | | 2 | | 55 | 1 | 141 | 24 | | 12 | | | 235 |
| Percent | | 0.5 | | 14.0 | 0.3 | 35.9 | 6.1 | | 3.1 | | | 59.8 |
| Std. Error | | 0.4 | | 1.7 | 0.3 | 2.4 | 1.2 | | 0.9 | | | 2.5 |
| Number | | 109 | | 2986 | 54 | 7654 | 1303 | | 651 | | | 12757 |
| All Fish 1/ | | | | | | | | | | | | |
| Sample Number | | 2 | | 91 | 2 | 267 | 35 | | 27 | | 1 | 425 |
| Percent | | 0.5 | | 21.4 | 0.5 | 62.8 | 8.2 | | 6.4 | | 0.2 | 100.0 |
| Std. Error | | 0.3 | | 2.0 | 0.3 | 2.3 | 1.3 | | 1.2 | | 0.2 | |
| Number | | 109 | | 4940 | 108 | 14496 | 1900 | | 1465 | | 54 | 23072 |

-Continued-

Appendix C.7 Age composition of sockeye salmon in the District 104 purse seine catch by sex, age class, and fishing period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | 1981 | | | 1980 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 | Total |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | |
| Sample Number | 1 | 49 | | 52 | 5 | 139 | 39 | 1 | 26 | | | 312 |
| Percent | 0.2 | 7.4 | | 7.9 | 0.8 | 21.1 | 5.9 | 0.2 | 4.0 | | | 47.4 |
| Std. Error | 0.2 | 1.0 | | 1.0 | 0.3 | 1.6 | 0.9 | 0.2 | 0.8 | | | 1.9 |
| Number | 97 | 4771 | | 5063 | 487 | 13536 | 3797 | 97 | 2532 | | | 30380 |
| **Female** | | | | | | | | | | | | |
| Sample Number | 1 | 16 | | 83 | 5 | 165 | 43 | | 33 | | | 346 |
| Percent | 0.2 | 2.4 | | 12.6 | 0.8 | 25.1 | 6.5 | | 5.0 | | | 52.6 |
| Std. Error | 0.2 | 0.6 | | 1.3 | 0.3 | 1.7 | 1.0 | | 0.8 | | | 1.9 |
| Number | 97 | 1558 | | 8082 | 487 | 16066 | 4187 | | 3213 | | | 33690 |
| **All Fish 1/** | | | | | | | | | | | | |
| Sample Number | 2 | 65 | 1 | 137 | 12 | 322 | 84 | 1 | 63 | | | 687 |
| Percent | 0.3 | 9.5 | 0.1 | 19.9 | 1.7 | 46.9 | 12.2 | 0.1 | 9.2 | | | 100.0 |
| Std. Error | 0.2 | 1.1 | 0.1 | 1.5 | 0.5 | 1.9 | 1.2 | 0.1 | 1.1 | | | |
| Number | 194 | 6329 | 97 | 13340 | 1168 | 31356 | 8179 | 97 | 6134 | | | 66894 |
| **Statistical Week 33 (August 9 - 15)** | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | |
| Sample Number | 1 | 35 | | 43 | 8 | 128 | 28 | 1 | 30 | 2 | 1 | 277 |
| Percent | 0.2 | 6.2 | | 7.7 | 1.4 | 22.8 | 5.0 | 0.2 | 5.3 | 0.4 | 0.2 | 49.4 |
| Std. Error | 0.2 | 1.0 | | 1.1 | 0.5 | 1.7 | 0.9 | 0.2 | 0.9 | 0.2 | 0.2 | 2.0 |
| Number | 13 | 440 | | 540 | 100 | 1608 | 352 | 13 | 377 | 25 | 13 | 3481 |
| **Female** | | | | | | | | | | | | |
| Sample Number | | 5 | 1 | 92 | 1 | 109 | 47 | | 28 | | 1 | 284 |
| Percent | | 0.9 | 0.2 | 16.4 | 0.2 | 19.4 | 8.4 | | 5.0 | | 0.2 | 50.6 |
| Std. Error | | 0.4 | 0.2 | 1.5 | 0.2 | 1.6 | 1.1 | | 0.9 | | 0.2 | 2.0 |
| Number | | 63 | 13 | 1155 | 13 | 1369 | 591 | | 352 | | 13 | 3569 |
| **All Fish** | | | | | | | | | | | | |
| Sample Number | 1 | 40 | 1 | 135 | 9 | 237 | 75 | 1 | 58 | 2 | 2 | 561 |
| Percent | 0.2 | 7.1 | 0.2 | 24.1 | 1.6 | 42.2 | 13.4 | 0.2 | 10.3 | 0.4 | 0.4 | 100.0 |
| Std. Error | 0.2 | 1.0 | 0.2 | 1.7 | 0.5 | 2.0 | 1.4 | 0.2 | 1.2 | 0.2 | 0.2 | |
| Number | 13 | 503 | 13 | 1695 | 113 | 2977 | 943 | 13 | 729 | 26 | 25 | 7050 |
| **Statistical Week 34 (August 16 - 22)** | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | |
| Sample Number | | 2 | 1 | 55 | 1 | 48 | 19 | | 16 | | 1 | 143 |
| Percent | | 0.7 | 0.3 | 18.5 | 0.3 | 16.2 | 6.4 | | 5.4 | | 0.3 | 48.1 |
| Std. Error | | 0.4 | 0.3 | 2.1 | 0.3 | 2.0 | 1.3 | | 1.2 | | 0.3 | 2.7 |
| Number | | 12 | 6 | 334 | 6 | 291 | 115 | | 97 | | 6 | 867 |
| **Female** | | | | | | | | | | | | |
| Sample Number | | 1 | | 84 | 1 | 37 | 25 | | 6 | | | 154 |
| Percent | | 0.3 | | 28.3 | 0.3 | 12.5 | 8.4 | | 2.0 | | | 51.9 |
| Std. Error | | 0.3 | | 2.4 | 0.3 | 1.8 | 1.5 | | 0.7 | | | 2.7 |
| Number | | 6 | | 510 | 6 | 224 | 152 | | 36 | | | 934 |
| **All Fish 1/** | | | | | | | | | | | | |
| Sample Number | | 3 | 1 | 140 | 2 | 86 | 44 | | 22 | | 1 | 299 |
| Percent | | 1.0 | 0.3 | 46.8 | 0.7 | 28.8 | 14.7 | | 7.4 | | 0.3 | 100.0 |
| Std. Error | | 0.5 | 0.3 | 2.6 | 0.4 | 2.4 | 1.9 | | 1.4 | | 0.3 | |
| Number | | 18 | 6 | 850 | 12 | 521 | 267 | | 133 | | 6 | 1813 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | |
| Sample Number | 3 | 92 | 8 | 399 | 24 | 955 | 181 | 2 | 152 | 3 | 4 | 1823 |
| Percent | 0.1 | 3.3 | 0.2 | 9.3 | 0.6 | 25.2 | 4.6 | 0.1 | 3.8 | <0.1 | 0.1 | 47.3 |
| Std. Error | 0.1 | 0.4 | 0.1 | 0.5 | 0.2 | 0.8 | 0.4 | 0.1 | 0.4 | <0.1 | <0.1 | 1.0 |
| Number | 124 | 5451 | 316 | 15539 | 1043 | 42023 | 7611 | 110 | 6357 | 39 | 87 | 78700 |
| **Female** | | | | | | | | | | | | |
| Sample Number | 2 | 29 | 2 | 610 | 9 | 992 | 208 | | 134 | | 2 | 1988 |
| Percent | 0.1 | 1.1 | <0.1 | 14.2 | 0.4 | 27.7 | 5.3 | | 3.8 | | <0.1 | 52.7 |
| Std. Error | 0.1 | 0.2 | <0.1 | 0.7 | 0.1 | 0.9 | 0.5 | | 0.4 | | <0.1 | 1.0 |
| Number | 148 | 1913 | 48 | 23643 | 595 | 46167 | 8804 | | 6385 | | 48 | 87751 |
| **All Fish 1/** | | | | | | | | | | | | |
| Sample Number | 5 | 121 | 11 | 1022 | 35 | 1990 | 393 | 2 | 290 | 3 | 6 | 3878 |
| Percent | 0.2 | 4.3 | 0.3 | 23.3 | 1.1 | 53.3 | 9.8 | 0.1 | 7.7 | <0.1 | 0.1 | 100.0 |
| Std. Error | 0.1 | 0.4 | 0.1 | 0.8 | 0.2 | 0.9 | 0.6 | 0.1 | 0.5 | <0.1 | <0.1 | |
| Number | 272 | 7364 | 461 | 39904 | 1832 | 91248 | 16718 | 110 | 13131 | 39 | 135 | 171214 |

1/ Includes unsexed fish totals.

Appendix C.8 Length composition of sockeye salmon in the District 104 purse seine catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | | 1982 | | 1981 | |
| | | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 |
| Statistical Week 28 (July 5 - 11) | | | | | | | | | |
| Male | Avg. Length | | | 494 | | 600 | 531 | | 608 |
| | Std. Error | | | 8.6 | | 8.9 | 9.9 | | 19.2 |
| | Sample Size | | | 20 | | 23 | 10 | | 6 |
| Female | Avg. Length | | | 487 | | 569 | 537 | | 575 |
| | Std. Error | | | 7.6 | | 5.2 | 18.5 | | 2.9 |
| | Sample Size | | | 17 | | 25 | 5 | | 3 |
| All Fish | Avg. Length | | | 491 | | 584 | 533 | | 597 |
| | Std. Error | | | 5.8 | | 5.5 | 8.7 | | 13.6 |
| | Sample Size | | | 37 | | 48 | 15 | | 9 |
| Statistical Week 29 (July 12 - 18) | | | | | | | | | |
| Male | Avg. Length | | | 508 | | 599 | 535 | | 594 |
| | Std. Error | | | 13.0 | | 5.1 | 15.0 | | 26.9 |
| | Sample Size | | | 6 | | 35 | 2 | | 5 |
| Female | Avg. Length | | | 492 | | 579 | 545 | | 562 |
| | Std. Error | | | 8.8 | | 4.0 | 26.0 | | 23.3 |
| | Sample Size | | | 12 | | 43 | 3 | | 3 |
| All Fish 1/ | Avg. Length | | | 498 | | 588 | 541 | | 582 |
| | Std. Error | | | 6.9 | | 3.3 | 15.2 | | 18.8 |
| | Sample Size | | | 19 | | 78 | 5 | | 8 |
| Statistical Week 30 (July 19 - 25) | | | | | | | | | |
| Male | Avg. Length | 410 | | 520 | | 602 | 571 | | 601 |
| | Std. Error | | | 12.2 | | 4.6 | 12.8 | | 12.0 |
| | Sample Size | 1 | | 19 | | 50 | 4 | | 8 |
| Female | Avg. Length | | | 501 | | 584 | 516 | | 552 |
| | Std. Error | | | 7.1 | | 3.1 | 21.5 | | 10.9 |
| | Sample Size | | | 22 | | 52 | 4 | | 3 |
| All Fish | Avg. Length | 410 | | 510 | | 593 | 544 | | 588 |
| | Std. Error | | | 6.9 | | 2.9 | 15.6 | | 11.3 |
| | Sample Size | 1 | | 41 | | 102 | 8 | | 11 |
| Statistical Week 31 (July 26 - August 1) | | | | | | | | | |
| Male | Avg. Length | | | 495 | | 600 | 540 | | 623 |
| | Std. Error | | | 13.6 | | 6.0 | | | 12.0 |
| | Sample Size | | | 11 | | 20 | 1 | | 4 |
| Female | Avg. Length | | | 510 | | 578 | 539 | | 590 |
| | Std. Error | | | 8.0 | | 3.0 | 15.4 | | |
| | Sample Size | | | 20 | | 60 | 5 | | 1 |
| All Fish | Avg. Length | | | 505 | | 584 | 539 | | 616 |
| | Std. Error | | | 7.1 | | 2.9 | 12.5 | | 11.3 |
| | Sample Size | | | 31 | | 80 | 6 | | 5 |

-Continued-

Appendix C.8 Length composition of sockeye salmon in the District 104 purse seine catch by sex, age class, and fishing period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | 1982 | | 1981 | |
| | | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 |
| Statistical Week 32 (August 2 - 8) | | | | | | | | | |
| Male | Avg. Length | | | 517 | 395 | 594 | 586 | 590 | 593 |
| | Std. Error | | | 10.6 | 45.0 | 5.2 | 11.8 | | 16.0 |
| | Sample Size | | | 22 | 2 | 48 | 13 | 1 | 6 |
| Female | Avg. Length | | | 526 | | 580 | 546 | | 577 |
| | Std. Error | | | 11.0 | | 3.5 | 10.0 | | 8.2 |
| | Sample Size | | | 19 | | 63 | 14 | | 9 |
| All Fish | Avg. Length | | | 521 | 395 | 586 | 565 | 590 | 583 |
| | Std. Error | | | 7.6 | 45.0 | 3.1 | 8.5 | | 8.0 |
| | Sample Size | | | 41 | 2 | 111 | 27 | 1 | 15 |
| Statistical Week 33 (August 9 - 15) | | | | | | | | | |
| Male | Avg. Length | 334 | | 525 | 405 | 591 | 559 | | 590 |
| | Std. Error | 11.4 | | 15.7 | | 4.7 | 11.4 | | 15.2 |
| | Sample Size | 8 | | 10 | 1 | 28 | 7 | | 7 |
| Female | Avg. Length | 340 | 565 | 490 | | 578 | 519 | | 587 |
| | Std. Error | 10.0 | | 9.1 | | 6.8 | 14.5 | | 16.4 |
| | Sample Size | 2 | 1 | 15 | | 30 | 14 | | 3 |
| All Fish | Avg. Length | 335 | 565 | 504 | 405 | 585 | 533 | | 589 |
| | Std. Error | 9.2 | | 8.9 | | 4.3 | 11.0 | | 11.2 |
| | Sample Size | 10 | 1 | 25 | 1 | 58 | 21 | | 10 |
| Statistical Week 34 (August 16 - 22) | | | | | | | | | |
| Male | Avg. Length | | | 530 | | 608 | 540 | | 583 |
| | Std. Error | | | 10.5 | | 7.9 | 25.1 | | 8.7 |
| | Sample Size | | | 17 | | 13 | 4 | | 5 |
| Female | Avg. Length | | | 529 | | 585 | 514 | | 585 |
| | Std. Error | | | 6.1 | | 4.8 | 12.9 | | 10.0 |
| | Sample Size | | | 28 | | 18 | 11 | | 2 |
| All Fish 1/ | Avg. Length | | | 529 | | 595 | 521 | | 584 |
| | Std. Error | | | 5.3 | | 4.7 | 11.5 | | 6.4 |
| | Sample Size | | | 46 | | 31 | 15 | | 7 |
| Combined Periods (Unweighted) | | | | | | | | | |
| Male | Avg. Length | 342 | | 513 | 398 | 598 | 558 | 590 | 598 |
| | Std. Error | 13.2 | | 4.6 | 26.2 | 2.2 | 6.4 | | 6.0 |
| | Sample Size | 9 | | 105 | 3 | 217 | 41 | 1 | 41 |
| Female | Avg. Length | 340 | 565 | 508 | | 580 | 529 | | 574 |
| | Std. Error | 10.0 | | 3.3 | | 1.5 | 5.9 | | 5.0 |
| | Sample Size | 2 | 1 | 133 | | 291 | 56 | | 24 |
| All Fish 1/ | Avg. Length | 342 | 565 | 510 | 398 | 588 | 542 | 590 | 589 |
| | Std. Error | 10.8 | | 2.7 | 26.2 | 1.4 | 4.5 | | 4.4 |
| | Sample Size | 11 | 1 | 240 | 3 | 508 | 97 | 1 | 65 |

1/ Includes unsexed fish totals.

Appendix C.9 Age composition of sockeye salmon in the District 109 purse seine catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | | 1981 | 1980 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 2.3 | 3.3 | Total |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | | |
| **Male** | | | | | | | | | | | |
| Sample Number | | 1 | 7 | 14 | | 1 | 56 | 7 | 22 | | 108 |
| Percent | | 0.5 | 3.3 | 6.5 | | 0.5 | 26.0 | 3.3 | 10.2 | | 50.2 |
| Std. Error | | 0.4 | 1.1 | 1.6 | | 0.4 | 2.8 | 1.1 | 1.9 | | 3.2 |
| Number | | 7 | 52 | 104 | | 7 | 419 | 52 | 164 | | 805 |
| **Female** | | | | | | | | | | | |
| Sample Number | | | 4 | 23 | | | 54 | 14 | 11 | 1 | 107 |
| Percent | | | 1.9 | 10.7 | | | 25.1 | 6.5 | 5.1 | 0.5 | 49.8 |
| Std. Error | | | 0.9 | 2.0 | | | 2.8 | 1.6 | 1.4 | 0.4 | 3.2 |
| Number | | | 30 | 171 | | | 404 | 104 | 82 | 7 | 798 |
| **All Fish** | | | | | | | | | | | |
| Sample Number | | 1 | 11 | 37 | | 1 | 110 | 21 | 33 | 1 | 215 |
| Percent | | 0.5 | 5.1 | 17.2 | | 0.5 | 51.2 | 9.8 | 15.3 | 0.5 | 100.0 |
| Std. Error | | 0.4 | 1.4 | 2.4 | | 0.4 | 3.2 | 1.9 | 2.3 | 0.4 | |
| Number | | 7 | 82 | 275 | | 7 | 823 | 156 | 246 | 7 | 1603 |
| **Statistical Weeks 32 - 36 (August 2 - Sept. 5)** | | | | | | | | | | | |
| **Male** | | | | | | | | | | | |
| Sample Number | 1 | 1 | 11 | 31 | 1 | | 123 | 14 | 37 | 1 | 220 |
| Percent | 0.2 | 0.2 | 2.3 | 6.6 | 0.2 | | 26.1 | 3.0 | 7.9 | 0.2 | 46.7 |
| Std. Error | 0.2 | 0.2 | 0.6 | 1.1 | 0.2 | | 1.9 | 0.7 | 1.1 | 0.2 | 2.1 |
| Number | 6 | 6 | 70 | 197 | 6 | | 785 | 89 | 235 | 6 | 1400 |
| **Female** | | | | | | | | | | | |
| Sample Number | 1 | 2 | 17 | 37 | | | 135 | 27 | 32 | | 251 |
| Percent | 0.2 | 0.4 | 3.6 | 7.9 | | | 28.7 | 5.7 | 6.8 | | 53.3 |
| Std. Error | 0.2 | 0.3 | 0.8 | 1.1 | | | 1.9 | 1.0 | 1.1 | | 2.1 |
| Number | 6 | 13 | 108 | 235 | | | 859 | 172 | 204 | | 1597 |
| **All Fish** | | | | | | | | | | | |
| Sample Number | 2 | 3 | 28 | 68 | 1 | | 258 | 41 | 69 | 1 | 471 |
| Percent | 0.4 | 0.6 | 5.9 | 14.4 | 0.2 | | 54.8 | 8.7 | 14.6 | 0.2 | 100.0 |
| Std. Error | 0.3 | 0.3 | 1.0 | 1.5 | 0.2 | | 2.1 | 1.2 | 1.5 | 0.2 | |
| Number | 12 | 19 | 178 | 432 | 6 | | 1644 | 261 | 439 | 6 | 2997 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | | | |
| **Male** | | | | | | | | | | | |
| Sample Number | 1 | 2 | 18 | 45 | 1 | 1 | 179 | 21 | 59 | 1 | 328 |
| Percent | 0.1 | 0.3 | 2.7 | 6.6 | 0.1 | 0.2 | 26.1 | 3.1 | 8.7 | 0.1 | 47.9 |
| Std. Error | 0.1 | 0.2 | 0.6 | 0.9 | 0.1 | 0.2 | 1.6 | 0.6 | 1.0 | 0.1 | 1.8 |
| Number | 6 | 13 | 122 | 301 | 6 | 7 | 1204 | 141 | 399 | 6 | 2205 |
| **Female** | | | | | | | | | | | |
| Sample Number | 1 | 2 | 21 | 60 | | | 189 | 41 | 43 | 1 | 358 |
| Percent | 0.1 | 0.3 | 3.0 | 8.8 | | | 27.4 | 6.0 | 6.2 | 0.2 | 52.1 |
| Std. Error | 0.1 | 0.2 | 0.6 | 1.0 | | | 1.6 | 0.8 | 0.8 | 0.2 | 1.8 |
| Number | 6 | 13 | 138 | 406 | | | 1263 | 276 | 286 | 7 | 2395 |
| **All Fish** | | | | | | | | | | | |
| Sample Number | 2 | 4 | 39 | 105 | 1 | 1 | 368 | 62 | 102 | 2 | 686 |
| Percent | 0.3 | 0.6 | 5.7 | 15.4 | 0.1 | 0.2 | 53.5 | 9.1 | 14.9 | 0.3 | 100.0 |
| Std. Error | 0.2 | 0.3 | 0.8 | 1.3 | 0.1 | 0.2 | 1.8 | 1.0 | 1.3 | 0.2 | |
| Number | 12 | 26 | 260 | 707 | 6 | 7 | 2467 | 417 | 685 | 13 | 4600 |

Appendix C.10 Length composition of sockeye salmon in the District 109 purse seine catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 |
| | | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 2.3 |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | |
| Male | Avg. Length | | 559 | 467 | 615 | 597 | 475 | 588 |
| | Std. Error | | 14.3 | 19.7 | | 7.2 | 15.3 | 10.8 |
| | Sample Size | | 5 | 6 | 1 | 24 | 3 | 6 |
| Female | Avg. Length | | 563 | 474 | | 568 | 522 | 553 |
| | Std. Error | | 7.5 | 11.4 | | 3.5 | 9.7 | 16.4 |
| | Sample Size | | 2 | 10 | | 21 | 5 | 4 |
| All Fish | Avg. Length | | 560 | 471 | 615 | 583 | 504 | 574 |
| | Std. Error | | 10.0 | 9.9 | | 4.7 | 11.5 | 10.4 |
| | Sample Size | | 7 | 16 | 1 | 45 | 8 | 10 |
| **Statistical Weeks 32 - 36 (August 2 - Sept. 5)** | | | | | | | | |
| Male | Avg. Length | | 595 | 534 | | 593 | 536 | 582 |
| | Std. Error | | | 21.7 | | 6.6 | 19.7 | 7.0 |
| | Sample Size | | 1 | 8 | | 42 | 7 | 14 |
| Female | Avg. Length | 360 | 567 | 495 | | 585 | 511 | 587 |
| | Std. Error | | 12.2 | 9.7 | | 3.3 | 12.8 | 6.6 |
| | Sample Size | 1 | 8 | 11 | | 47 | 18 | 12 |
| All Fish | Avg. Length | 360 | 570 | 511 | | 589 | 518 | 584 |
| | Std. Error | | 11.2 | 11.3 | | 3.6 | 10.8 | 4.8 |
| | Sample Size | 1 | 9 | 19 | | 89 | 25 | 26 |
| **Combined Periods (Unweighted)** | | | | | | | | |
| Male | Avg. Length | | 565 | 505 | 615 | 594 | 518 | 584 |
| | Std. Error | | 13.1 | 17.1 | | 4.9 | 16.9 | 5.8 |
| | Sample Size | | 6 | 14 | 1 | 66 | 10 | 20 |
| Female | Avg. Length | 360 | 566 | 485 | | 580 | 513 | 578 |
| | Std. Error | | 9.7 | 7.6 | | 2.7 | 10.2 | 7.2 |
| | Sample Size | 1 | 10 | 21 | | 68 | 23 | 16 |
| All Fish | Avg. Length | 360 | 566 | 493 | 615 | 587 | 515 | 581 |
| | Std. Error | | 7.5 | 8.3 | | 2.8 | 8.6 | 4.5 |
| | Sample Size | 1 | 16 | 35 | 1 | 134 | 33 | 36 |

Appendix C.11 Age composition of sockeye salmon in the District 110 purse seine catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1985 | 1984 | | 1983 | | | 1982 | | 1981 | | | 1980 | |
| | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 | Total |
| **Statistical Week 29 (July 12 - 18)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | | | 5 | 12 | | 75 | 6 | | 12 | | | 110 |
| Percent | | | | 3.2 | 7.6 | | 47.8 | 3.8 | | 7.6 | | | 70.1 |
| Std. Error | | | | 1.4 | 2.1 | | 3.9 | 1.5 | | 2.1 | | | 3.6 |
| Number | | | | 123 | 296 | | 1849 | 148 | | 296 | | | 2712 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | | | | 3 | 2 | | 36 | 1 | | 5 | | | 47 |
| Percent | | | | 1.9 | 1.3 | | 22.9 | 0.6 | | 3.2 | | | 29.9 |
| Std. Error | | | | 1.1 | 0.9 | | 3.3 | 0.6 | | 1.4 | | | 3.6 |
| Number | | | | 74 | 49 | | 887 | 25 | | 123 | | | 1158 |
| **All Fish** | | | | | | | | | | | | | |
| Sample Number | | | | 8 | 14 | | 111 | 7 | | 17 | | | 157 |
| Percent | | | | 5.1 | 8.9 | | 70.7 | 4.5 | | 10.8 | | | 100.0 |
| Std. Error | | | | 1.7 | 2.2 | | 3.6 | 1.6 | | 2.4 | | | |
| Number | | | | 197 | 345 | | 2736 | 173 | | 419 | | | 3870 |
| **Statistical Weeks 31 - 33 (July 26 - August 15)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | 2 | 10 | 11 | 53 | 10 | 123 | 23 | 1 | 27 | | | 260 |
| Percent | | 0.4 | 1.8 | 2.0 | 9.6 | 1.8 | 22.2 | 4.2 | 0.2 | 4.9 | | | 46.9 |
| Std. Error | | 0.2 | 0.5 | 0.6 | 1.2 | 0.5 | 1.7 | 0.8 | 0.2 | 0.9 | | | 2.0 |
| Number | | 21 | 107 | 117 | 566 | 107 | 1313 | 246 | 11 | 288 | | | 2776 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | 1 | | 1 | 22 | 33 | 3 | 169 | 21 | 1 | 41 | 1 | 1 | 294 |
| Percent | 0.2 | | 0.2 | 4.0 | 6.0 | 0.5 | 30.5 | 3.8 | 0.2 | 7.4 | 0.2 | 0.2 | 53.1 |
| Std. Error | 0.2 | | 0.2 | 0.8 | 1.0 | 0.3 | 1.9 | 0.8 | 0.2 | 1.1 | 0.2 | 0.2 | 2.0 |
| Number | 11 | | 11 | 235 | 352 | 32 | 1802 | 224 | 11 | 438 | 11 | 11 | 3138 |
| **All Fish** | | | | | | | | | | | | | |
| Sample Number | 1 | 2 | 11 | 33 | 86 | 13 | 292 | 44 | 2 | 68 | 1 | 1 | 554 |
| Percent | 0.2 | 0.4 | 2.0 | 6.0 | 15.5 | 2.3 | 52.7 | 7.9 | 0.4 | 12.3 | 0.2 | 0.2 | 100.0 |
| Std. Error | 0.2 | 0.2 | 0.6 | 1.0 | 1.5 | 0.6 | 2.0 | 1.1 | 0.2 | 1.3 | 0.2 | 0.2 | |
| Number | 11 | 21 | 118 | 352 | 918 | 139 | 3115 | 470 | 22 | 726 | 11 | 11 | 5914 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | |
| Sample Number | | 2 | 10 | 16 | 65 | 10 | 198 | 29 | 1 | 39 | | | 370 |
| Percent | | 0.2 | 1.1 | 2.5 | 8.8 | 1.1 | 32.3 | 4.0 | 0.1 | 6.0 | | | 56.1 |
| Std. Error | | 0.1 | 0.3 | 0.6 | 1.1 | 0.3 | 1.9 | 0.8 | 0.1 | 1.0 | | | 1.9 |
| Number | | 21 | 107 | 240 | 862 | 107 | 3162 | 394 | 11 | 584 | | | 5487 |
| **Female** | | | | | | | | | | | | | |
| Sample Number | 1 | | 1 | 25 | 35 | 3 | 205 | 22 | 1 | 46 | 1 | 1 | 341 |
| Percent | 0.1 | | 0.1 | 3.2 | 4.1 | 0.3 | 27.5 | 2.5 | 0.1 | 5.7 | 0.1 | 0.1 | 43.9 |
| Std. Error | 0.1 | | 0.1 | 0.6 | 0.7 | 0.2 | 1.7 | 0.5 | 0.1 | 0.8 | 0.1 | 0.1 | 1.9 |
| Number | 11 | | 11 | 309 | 401 | 32 | 2689 | 249 | 11 | 561 | 11 | 11 | 4297 |
| **All Fish** | | | | | | | | | | | | | |
| Sample Number | 1 | 2 | 11 | 41 | 100 | 13 | 403 | 51 | 2 | 85 | 1 | 1 | 711 |
| Percent | 0.1 | 0.2 | 1.2 | 5.6 | 12.9 | 1.4 | 59.8 | 6.6 | 0.2 | 11.7 | 0.1 | 0.1 | 100.0 |
| Std. Error | 0.1 | 0.1 | 0.3 | 0.9 | 1.3 | 0.4 | 1.9 | 0.9 | 0.1 | 1.3 | 0.1 | 0.1 | |
| Number | 11 | 21 | 118 | 549 | 1263 | 139 | 5851 | 643 | 22 | 1145 | 11 | 11 | 9784 |

Appendix C.12 Length composition of sockeye salmon in the District 110 purse seine catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1985 | 1984 | 1983 | | | 1982 | | 1981 |
| | | 0.1 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 |
| **Statistical Week 29 (July 12 - 18)** | | | | | | | | | |
| Male | Avg. Length | | | 576 | 511 | | 606 | 525 | 619 |
| | Std. Error | | | 7.7 | 14.6 | | 4.6 | 27.8 | 6.2 |
| | Sample Size | | | 4 | 6 | | 51 | 3 | 9 |
| Female | Avg. Length | | | 550 | | | 585 | | 598 |
| | Std. Error | | | | | | 4.2 | | 19.2 |
| | Sample Size | | | 1 | | | 20 | | 3 |
| All Fish | Avg. Length | | | 571 | 511 | | 600 | 525 | 614 |
| | Std. Error | | | 8.0 | 14.6 | | 3.7 | 27.8 | 6.7 |
| | Sample Size | | | 5 | 6 | | 71 | 3 | 12 |
| **Statistical Weeks 31 - 33 (July 26 - August 15)** | | | | | | | | | |
| Male | Avg. Length | | 347 | 602 | 472 | 372 | 590 | 508 | 594 |
| | Std. Error | | 6.0 | 8.9 | 11.5 | 9.5 | 4.9 | 18.0 | 8.6 |
| | Sample Size | | 3 | 5 | 16 | 6 | 25 | 9 | 9 |
| Female | Avg. Length | 320 | | 566 | 468 | 350 | 568 | 513 | 569 |
| | Std. Error | | | 5.0 | 9.1 | 5.0 | 3.6 | 19.7 | 8.4 |
| | Sample Size | 1 | | 8 | 12 | 2 | 58 | 7 | 16 |
| All Fish | Avg. Length | 320 | 347 | 580 | 470 | 366 | 575 | 510 | 578 |
| | Std. Error | | 6.0 | 6.7 | 7.5 | 7.9 | 3.1 | 12.8 | 6.6 |
| | Sample Size | 1 | 3 | 13 | 28 | 8 | 83 | 16 | 25 |
| **Combined Periods (Unweighted)** | | | | | | | | | |
| Male | Avg. Length | | 347 | 591 | 483 | 372 | 601 | 512 | 607 |
| | Std. Error | | 6.0 | 7.2 | 9.8 | 9.5 | 3.6 | 14.7 | 6.0 |
| | Sample Size | | 3 | 9 | 22 | 6 | 76 | 12 | 18 |
| Female | Avg. Length | 320 | | 564 | 468 | 350 | 572 | 513 | 574 |
| | Std. Error | | | 4.7 | 9.1 | 5.0 | 3.0 | 19.7 | 7.9 |
| | Sample Size | 1 | | 9 | 12 | 2 | 78 | 7 | 19 |
| All Fish | Avg. Length | 320 | 347 | 578 | 478 | 366 | 586 | 512 | 590 |
| | Std. Error | | 6.0 | 5.3 | 7.1 | 7.9 | 2.6 | 11.4 | 5.6 |
| | Sample Size | 1 | 3 | 18 | 34 | 8 | 154 | 19 | 37 |

Appendix C.13 Age composition of sockeye salmon in the District 112 purse seine catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1985 | 1984 | | 1983 | | | 1982 | | | 1981 | | | 1980 | | |
| | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| **Statistical Weeks 27 - 29 (June 28 - July 18)** | | | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | | | |
| Sample Number | | 2 | 2 | 8 | 36 | | 1 | 180 | 8 | | 19 | | | | 256 |
| Percent | | 0.4 | 0.4 | 1.5 | 6.9 | | 0.2 | 34.5 | 1.5 | | 3.6 | | | | 49.0 |
| Std. Error | | 0.3 | 0.3 | 0.5 | 1.1 | | 0.2 | 2.0 | 0.5 | | 0.8 | | | | 2.1 |
| Number | | 44 | 44 | 174 | 783 | | 22 | 3915 | 174 | | 413 | | | | 5569 |
| **Female** | | | | | | | | | | | | | | | |
| Sample Number | | | | 21 | 12 | | | 212 | 5 | | 16 | | | | 266 |
| Percent | | | | 4.0 | 2.3 | | | 40.6 | 1.0 | | 3.1 | | | | 51.0 |
| Std. Error | | | | 0.8 | 0.6 | | | 2.1 | 0.4 | | 0.7 | | | | 2.1 |
| Number | | | | 457 | 261 | | | 4611 | 109 | | 348 | | | | 5786 |
| **All Fish** | | | | | | | | | | | | | | | |
| Sample Number | | 2 | 2 | 29 | 48 | | 1 | 392 | 13 | | 35 | | | | 522 |
| Percent | | 0.4 | 0.4 | 5.6 | 9.2 | | 0.2 | 75.1 | 2.5 | | 6.7 | | | | 100.0 |
| Std. Error | | 0.3 | 0.3 | 1.0 | 1.2 | | 0.2 | 1.9 | 0.7 | | 1.1 | | | | |
| Number | | 44 | 44 | 631 | 1044 | | 22 | 8526 | 283 | | 761 | | | | 11355 |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | | | |
| Sample Number | 1 | 2 | 4 | 31 | 34 | 2 | 1 | 175 | 17 | 2 | 39 | | | | 308 |
| Percent | 0.2 | 0.3 | 0.7 | 5.1 | 5.6 | 0.3 | 0.2 | 28.8 | 2.8 | 0.3 | 6.4 | | | | 50.7 |
| Std. Error | 0.2 | 0.2 | 0.3 | 0.9 | 0.9 | 0.2 | 0.2 | 1.8 | 0.7 | 0.2 | 1.0 | | | | 2.0 |
| Number | 21 | 43 | 86 | 665 | 730 | 43 | 21 | 3757 | 365 | 43 | 837 | | | | 6611 |
| **Female** | | | | | | | | | | | | | | | |
| Sample Number | | | | 42 | 16 | 1 | | 192 | 12 | 1 | 34 | | | 1 | 299 |
| Percent | | | | 6.9 | 2.6 | 0.2 | | 31.6 | 2.0 | 0.2 | 5.6 | | | 0.2 | 49.3 |
| Std. Error | | | | 1.0 | 0.6 | 0.2 | | 1.8 | 0.6 | 0.2 | 0.9 | | | 0.2 | 2.0 |
| Number | | | | 901 | 343 | 21 | | 4123 | 258 | 21 | 730 | | | 21 | 6418 |
| **All Fish 1/** | | | | | | | | | | | | | | | |
| Sample Number | 1 | 2 | 4 | 78 | 50 | 3 | 1 | 411 | 29 | 3 | 81 | | | 1 | 664 |
| Percent | 0.2 | 0.3 | 0.6 | 11.7 | 7.5 | 0.5 | 0.2 | 61.9 | 4.4 | 0.5 | 12.2 | | | 0.2 | 100.0 |
| Std. Error | 0.1 | 0.2 | 0.3 | 1.2 | 1.0 | 0.3 | 0.1 | 1.8 | 0.8 | 0.3 | 1.2 | | | 0.1 | |
| Number | 21 | 43 | 86 | 1674 | 1073 | 64 | 21 | 8823 | 623 | 64 | 1739 | | | 21 | 14252 |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | | | |
| Sample Number | | 1 | 4 | 25 | 25 | 6 | | 150 | 10 | 1 | 22 | | | 1 | 245 |
| Percent | | 0.2 | 0.8 | 4.9 | 4.9 | 1.2 | | 29.2 | 1.9 | 0.2 | 4.3 | | | 0.2 | 47.7 |
| Std. Error | | 0.2 | 0.4 | 0.9 | 0.9 | 0.5 | | 2.0 | 0.6 | 0.2 | 0.9 | | | 0.2 | 2.2 |
| Number | | 21 | 84 | 524 | 524 | 126 | | 3142 | 210 | 21 | 461 | | | 21 | 5134 |
| **Female** | | | | | | | | | | | | | | | |
| Sample Number | | | | 21 | 21 | | | 175 | 14 | | 36 | | | 2 | 269 |
| Percent | | | | 4.1 | 4.1 | | | 34.0 | 2.7 | | 7.0 | | | 0.4 | 52.3 |
| Std. Error | | | | 0.9 | 0.9 | | | 2.0 | 0.7 | | 1.1 | | | 0.3 | 2.2 |
| Number | | | | 440 | 440 | | | 3668 | 293 | | 754 | | | 42 | 5637 |
| **All Fish 1/** | | | | | | | | | | | | | | | |
| Sample Number | | 1 | 4 | 47 | 47 | 6 | | 326 | 25 | 1 | 58 | | | 3 | 518 |
| Percent | | 0.2 | 0.8 | 9.1 | 9.1 | 1.2 | | 62.9 | 4.8 | 0.2 | 11.2 | | | 0.6 | 100.0 |
| Std. Error | | 0.2 | 0.4 | 1.2 | 1.2 | 0.5 | | 2.1 | 0.9 | 0.2 | 1.4 | | | 0.3 | |
| Number | | 21 | 84 | 985 | 985 | 126 | | 6831 | 524 | 21 | 1215 | | | 63 | 10855 |

-Continued-

Appendix C.13 Age composition of sockeye salmon in the District 112 purse seine catch by sex, age class, and fishing period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1985 | 1984 | | 1983 | | | 1982 | | | 1981 | | | 1980 | | |
| | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | | | |
| Sample Number | | 1 | 5 | 18 | 25 | 4 | | 154 | 18 | 2 | 39 | | | | 266 |
| Percent | | 0.2 | 0.9 | 3.3 | 4.5 | 0.7 | | 28.0 | 3.3 | 0.4 | 7.1 | | | | 48.4 |
| Std. Error | | 0.2 | 0.4 | 0.7 | 0.8 | 0.3 | | 1.8 | 0.7 | 0.2 | 1.0 | | | | 2.0 |
| Number | | 6 | 32 | 115 | 161 | 26 | | 988 | 115 | 13 | 250 | | | | 1706 |
| **Female** | | | | | | | | | | | | | | | |
| Sample Number | | 1 | | 31 | 18 | | 1 | 151 | 28 | 1 | 53 | | | | 284 |
| Percent | | 0.2 | | 5.6 | 3.3 | | 0.2 | 27.5 | 5.1 | 0.2 | 9.6 | | | | 51.6 |
| Std. Error | | 0.2 | | 0.9 | 0.7 | | 0.2 | 1.7 | 0.9 | 0.2 | 1.2 | | | | 2.0 |
| Number | | 6 | | 199 | 115 | | 6 | 970 | 180 | 6 | 340 | | | | 1822 |
| **All Fish** | | | | | | | | | | | | | | | |
| Sample Number | | 2 | 5 | 49 | 43 | 4 | 1 | 305 | 46 | 3 | 92 | | | | 550 |
| Percent | | 0.4 | 0.9 | 8.9 | 7.8 | 0.7 | 0.2 | 55.5 | 8.4 | 0.5 | 16.7 | | | | 100.0 |
| Std. Error | | 0.2 | 0.4 | 1.1 | 1.1 | 0.3 | 0.2 | 1.9 | 1.1 | 0.3 | 1.5 | | | | |
| Number | | 12 | 32 | 314 | 276 | 26 | 6 | 1958 | 295 | 19 | 590 | | | | 3528 |
| **Statistical Weeks 33 - 34 (August 9 - 22)** | | | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | | | |
| Sample Number | | 1 | 3 | 8 | 16 | 3 | | 85 | 65 | 1 | 83 | | 1 | 1 | 267 |
| Percent | | 0.2 | 0.5 | 1.3 | 2.7 | 0.5 | | 14.2 | 10.9 | 0.2 | 13.9 | | 0.2 | 0.2 | 44.6 |
| Std. Error | | 0.2 | 0.3 | 0.4 | 0.6 | 0.3 | | 1.3 | 1.2 | 0.2 | 1.3 | | 0.2 | 0.2 | 1.9 |
| Number | | 8 | 24 | 64 | 128 | 24 | | 677 | 518 | 8 | 662 | | 8 | 8 | 2129 |
| **Female** | | | | | | | | | | | | | | | |
| Sample Number | | | 1 | 4 | 23 | | 1 | 97 | 92 | | 112 | 1 | | 1 | 332 |
| Percent | | | 0.2 | 0.7 | 3.8 | | 0.2 | 16.2 | 15.4 | | 18.7 | 0.2 | | 0.2 | 55.4 |
| Std. Error | | | 0.2 | 0.3 | 0.7 | | 0.2 | 1.4 | 1.4 | | 1.5 | 0.2 | | 0.2 | 1.9 |
| Number | | | 8 | 32 | 183 | | 8 | 773 | 734 | | 893 | 8 | | 8 | 2647 |
| **All Fish** | | | | | | | | | | | | | | | |
| Sample Number | | 1 | 4 | 12 | 39 | 3 | 1 | 182 | 157 | 1 | 195 | 1 | 1 | 2 | 599 |
| Percent | | 0.2 | 0.7 | 2.0 | 6.5 | 0.5 | 0.2 | 30.4 | 26.2 | 0.2 | 32.6 | 0.2 | 0.2 | 0.3 | 100.0 |
| Std. Error | | 0.2 | 0.3 | 0.5 | 0.9 | 0.3 | 0.2 | 1.8 | 1.7 | 0.2 | 1.8 | 0.2 | 0.2 | 0.2 | |
| Number | | 8 | 32 | 96 | 311 | 24 | 8 | 1450 | 1252 | 8 | 1555 | 8 | 8 | 16 | 4776 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | | | | | | | |
| **Male** | | | | | | | | | | | | | | | |
| Sample Number | 1 | 7 | 18 | 90 | 136 | 15 | 2 | 744 | 118 | 6 | 202 | | 1 | 2 | 1342 |
| Percent | <0.1 | 0.3 | 0.6 | 3.5 | 5.3 | 0.5 | 0.1 | 28.7 | 3.2 | 0.2 | 6.0 | | <0.1 | 0.1 | 48.7 |
| Std. Error | 0.1 | 0.1 | 0.2 | 0.4 | 0.5 | 0.1 | 0.1 | 0.9 | 0.3 | 0.1 | 0.5 | | <0.1 | <0.1 | 1.0 |
| Number | 21 | 122 | 270 | 1542 | 2326 | 219 | 43 | 12479 | 1382 | 85 | 2623 | | 8 | 29 | 21149 |
| **Female** | | | | | | | | | | | | | | | |
| Sample Number | | 1 | 1 | 119 | 90 | 1 | 2 | 827 | 151 | 2 | 251 | 1 | | 4 | 1450 |
| Percent | | <0.1 | <0.1 | 4.7 | 3.1 | <0.1 | <0.1 | 32.5 | 3.6 | 0.1 | 7.1 | <0.1 | | 0.2 | 51.3 |
| Std. Error | | <0.1 | <0.1 | 0.4 | 0.3 | 0.1 | <0.1 | 1.0 | 0.3 | 0.1 | 0.5 | <0.1 | | 0.1 | 1.0 |
| Number | | 6 | 8 | 2029 | 1342 | 21 | 14 | 14145 | 1574 | 29 | 3065 | 8 | | 71 | 22310 |
| **All Fish 1/** | | | | | | | | | | | | | | | |
| Sample Number | 1 | 8 | 19 | 215 | 227 | 16 | 4 | 1616 | 270 | 8 | 461 | 1 | 1 | 6 | 2853 |
| Percent | <0.1 | 0.3 | 0.6 | 8.3 | 8.2 | 0.5 | 0.1 | 61.6 | 6.6 | 0.3 | 13.1 | <0.1 | <0.1 | 0.2 | 100.0 |
| Std. Error | <0.1 | 0.1 | 0.2 | 0.6 | 0.6 | 0.1 | 0.1 | 0.9 | 0.4 | 0.1 | 0.6 | <0.1 | <0.1 | 0.1 | |
| Number | 21 | 128 | 278 | 3700 | 3689 | 240 | 57 | 27588 | 2977 | 112 | 5860 | 8 | 8 | 100 | 44766 |

1/ Includes unsexed fish totals.

Appendix C.14 Length composition of sockeye salmon in the District 112 purse seine catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | | 1982 | | 1981 | | 1980 |
| | | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 |
| **Statistical Weeks 27 - 29 (June 28 - July 18)** | | | | | | | | | | |
| Male | Avg. Length | | 600 | 468 | | 594 | 495 | | 578 | |
| | Std. Error | | 9.8 | 6.5 | | 4.5 | 65.0 | | 7.2 | |
| | Sample Size | | 4 | 12 | | 37 | 2 | | 6 | |
| Female | Avg. Length | | 556 | 493 | | 573 | | | 572 | |
| | Std. Error | | 6.6 | 11.2 | | 3.8 | | | 6.9 | |
| | Sample Size | | 5 | 6 | | 41 | | | 8 | |
| All Fish | Avg. Length | | 576 | 476 | | 583 | 495 | | 574 | |
| | Std. Error | | 9.4 | 6.3 | | 3.1 | 65.0 | | 4.9 | |
| | Sample Size | | 9 | 18 | | 78 | 2 | | 14 | |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | | |
| Male | Avg. Length | 346 | 590 | 399 | | 603 | 507 | | 595 | |
| | Std. Error | | 12.9 | 58.3 | | 5.3 | 22.0 | | 9.8 | |
| | Sample Size | 1 | 5 | 4 | | 25 | 3 | | 6 | |
| Female | Avg. Length | | 585 | 475 | | 587 | 515 | | 593 | |
| | Std. Error | | 9.1 | 5.0 | | 4.6 | 35.0 | | 5.6 | |
| | Sample Size | | 6 | 5 | | 24 | 2 | | 5 | |
| All Fish 1/ | Avg. Length | 346 | 590 | 441 | | 596 | 510 | | 597 | |
| | Std. Error | | 7.1 | 27.4 | | 3.2 | 16.5 | | 6.5 | |
| | Sample Size | 1 | 12 | 9 | | 60 | 5 | | 14 | |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | |
| Male | Avg. Length | 332 | 609 | 469 | | 613 | 510 | | 605 | |
| | Std. Error | 10.9 | 14.4 | 14.0 | | 5.8 | 39.8 | | 2.9 | |
| | Sample Size | 3 | 5 | 8 | | 25 | 4 | | 3 | |
| Female | Avg. Length | | 590 | 493 | | 584 | 538 | | 591 | |
| | Std. Error | | 5.8 | 12.3 | | 3.5 | 7.5 | | 9.0 | |
| | Sample Size | | 3 | 4 | | 41 | 2 | | 6 | |
| All Fish | Avg. Length | 332 | 602 | 477 | | 595 | 519 | | 596 | |
| | Std. Error | 10.9 | 9.4 | 10.4 | | 3.5 | 25.9 | | 6.3 | |
| | Sample Size | 3 | 8 | 12 | | 66 | 6 | | 9 | |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | |
| Male | Avg. Length | | 579 | 523 | | 602 | 534 | | 605 | |
| | Std. Error | | 2.4 | 7.3 | | 5.3 | 31.8 | | 11.0 | |
| | Sample Size | | 4 | 3 | | 29 | 5 | | 9 | |
| Female | Avg. Length | | 564 | 510 | 555 | 579 | 528 | 540 | 567 | |
| | Std. Error | | 12.3 | 10.3 | | 5.3 | 25.2 | | 12.6 | |
| | Sample Size | | 9 | 6 | 1 | 30 | 5 | 1 | 12 | |
| All Fish | Avg. Length | | 568 | 514 | 555 | 591 | 531 | 540 | 583 | |
| | Std. Error | | 8.6 | 7.3 | | 4.0 | 19.1 | | 9.4 | |
| | Sample Size | | 13 | 9 | 1 | 59 | 10 | 1 | 21 | |
| **Statistical Weeks 33 - 34 (August 9 - 22)** | | | | | | | | | | |
| Male | Avg. Length | 365 | 640 | 498 | | 612 | 574 | | 607 | |
| | Std. Error | | | 9.3 | | 5.9 | 16.4 | | 8.1 | |
| | Sample Size | 1 | 1 | 3 | | 19 | 11 | | 15 | |
| Female | Avg. Length | | | 542 | | 595 | 536 | | 597 | 580 |
| | Std. Error | | | 13.5 | | 4.5 | 11.9 | | 7.5 | |
| | Sample Size | | | 5 | | 20 | 10 | | 23 | 1 |
| All Fish | Avg. Length | 365 | 640 | 526 | | 603 | 555 | | 601 | 580 |
| | Std. Error | | | 11.7 | | 3.9 | 10.9 | | 5.6 | |
| | Sample Size | 1 | 1 | 8 | | 39 | 21 | | 38 | 1 |
| **Combined Periods (Unweighted)** | | | | | | | | | | |
| Male | Avg. Length | 341 | 597 | 467 | | 604 | 541 | | 600 | |
| | Std. Error | 8.9 | 6.1 | 10.1 | | 2.4 | 13.1 | | 4.6 | |
| | Sample Size | 5 | 19 | 30 | | 135 | 25 | | 39 | |
| Female | Avg. Length | | 571 | 503 | 555 | 582 | 532 | 540 | 586 | 580 |
| | Std. Error | | 6.0 | 6.3 | | 2.0 | 9.2 | | 4.8 | |
| | Sample Size | | 23 | 26 | 1 | 156 | 19 | 1 | 54 | 1 |
| All Fish 1/ | Avg. Length | 341 | 584 | 484 | 555 | 592 | 537 | 540 | 592 | 580 |
| | Std. Error | 8.9 | 4.7 | 6.6 | | 1.6 | 8.4 | | 3.4 | |
| | Sample Size | 5 | 43 | 56 | 1 | 302 | 44 | 1 | 96 | 1 |

1/ Includes unsexed fish totals.

Appendix C.15 Age composition of sockeye salmon in the District 113 purse seine catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | 1981 | | 1980 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 3.3 | Total |
| **Statistical Weeks 28 - 31 (July 5 - August 1)** | | | | | | | | | | | |
| **Male** | | | | | | | | | | | |
| Sample Number | | 2 | 2 | 28 | 9 | 61 | 33 | 22 | 1 | | 158 |
| Percent | | 0.7 | 0.7 | 9.8 | 3.2 | 21.4 | 11.6 | 7.7 | 0.4 | | 55.4 |
| Std. Error | | 0.5 | 0.5 | 1.7 | 1.0 | 2.4 | 1.9 | 1.6 | 0.3 | | 2.9 |
| Number | | 48 | 48 | 677 | 218 | 1475 | 798 | 532 | 24 | | 3820 |
| **Female** | | | | | | | | | | | |
| Sample Number | 2 | | 1 | 10 | 3 | 71 | 20 | 20 | | | 127 |
| Percent | 0.7 | | 0.4 | 3.5 | 1.1 | 24.9 | 7.0 | 7.0 | | | 44.6 |
| Std. Error | 0.5 | | 0.3 | 1.1 | 0.6 | 2.5 | 1.5 | 1.5 | | | 2.9 |
| Number | 48 | | 24 | 242 | 73 | 1716 | 484 | 484 | | | 3071 |
| **All Fish 1/** | | | | | | | | | | | |
| Sample Number | 2 | 2 | 3 | 40 | 12 | 133 | 53 | 43 | 1 | | 289 |
| Percent | 0.7 | 0.7 | 1.0 | 13.8 | 4.2 | 46.0 | 18.3 | 14.9 | 0.3 | | 100.0 |
| Std. Error | 0.5 | 0.5 | 0.6 | 2.0 | 1.2 | 2.9 | 2.2 | 2.1 | 0.3 | | |
| Number | 48 | 48 | 72 | 967 | 291 | 3216 | 1282 | 1040 | 24 | | 6988 |
| **Statistical Weeks 33 - 39 (August 9 - Sept. 26)** | | | | | | | | | | | |
| **Male** | | | | | | | | | | | |
| Sample Number | | | | | 4 | 1 | 15 | 47 | 8 | 10 | 85 |
| Percent | | | | | 1.9 | 0.5 | 7.3 | 22.8 | 3.9 | 4.9 | 41.3 |
| Std. Error | | | | | 0.9 | 0.5 | 1.7 | 2.8 | 1.3 | 1.4 | 3.2 |
| Number | | | | | 37 | 9 | 139 | 434 | 74 | 92 | 785 |
| **Female** | | | | | | | | | | | |
| Sample Number | | | | 1 | 1 | 1 | 11 | 92 | 2 | 13 | 121 |
| Percent | | | | 0.5 | 0.5 | 0.5 | 5.3 | 44.7 | 1.0 | 6.3 | 58.7 |
| Std. Error | | | | 0.5 | 0.5 | 0.5 | 1.5 | 3.3 | 0.6 | 1.6 | 3.2 |
| Number | | | | 9 | 9 | 9 | 102 | 851 | 18 | 120 | 1118 |
| **All Fish** | | | | | | | | | | | |
| Sample Number | | | | 1 | 5 | 2 | 26 | 139 | 10 | 23 | 206 |
| Percent | | | | 0.5 | 2.4 | 1.0 | 12.6 | 67.5 | 4.9 | 11.2 | 100.0 |
| Std. Error | | | | 0.5 | 1.0 | 0.6 | 2.2 | 3.1 | 1.4 | 2.1 | |
| Number | | | | 9 | 46 | 18 | 241 | 1285 | 92 | 212 | 1903 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | | | |
| **Male** | | | | | | | | | | | |
| Sample Number | | 2 | 2 | 28 | 13 | 62 | 48 | 69 | 9 | 10 | 243 |
| Percent | | 0.5 | 0.5 | 7.7 | 2.9 | 16.9 | 10.6 | 11.0 | 1.1 | 1.1 | 52.4 |
| Std. Error | | 0.4 | 0.4 | 1.4 | 0.8 | 1.9 | 1.5 | 1.4 | 0.4 | 0.3 | 2.4 |
| Number | | 48 | 48 | 677 | 255 | 1484 | 937 | 966 | 98 | 92 | 4605 |
| **Female** | | | | | | | | | | | |
| Sample Number | 2 | | 1 | 11 | 4 | 72 | 31 | 112 | 2 | 13 | 248 |
| Percent | 0.5 | | 0.3 | 2.9 | 0.9 | 19.6 | 6.7 | 15.2 | 0.2 | 1.4 | 47.6 |
| Std. Error | 0.4 | | 0.3 | 0.8 | 0.5 | 2.0 | 1.2 | 1.4 | 0.1 | 0.3 | 2.4 |
| Number | 48 | | 24 | 251 | 82 | 1725 | 586 | 1335 | 18 | 120 | 4189 |
| **All Fish 1/** | | | | | | | | | | | |
| Sample Number | 2 | 2 | 3 | 41 | 17 | 135 | 79 | 182 | 11 | 23 | 495 |
| Percent | 0.5 | 0.5 | 0.8 | 11.0 | 3.8 | 36.4 | 17.1 | 26.1 | 1.3 | 2.4 | 100.0 |
| Std. Error | 0.4 | 0.4 | 0.5 | 1.6 | 0.9 | 2.3 | 1.8 | 1.7 | 0.4 | 0.4 | |
| Number | 48 | 48 | 72 | 976 | 337 | 3234 | 1523 | 2325 | 116 | 212 | 8891 |

1/ Includes unsexed fish totals.

Appendix C.16 Length composition of sockeye salmon in the District 113 purse seine catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1983 | | 1982 | | 1981 | | 1980 |
| | | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 3.3 |
| **Statistical Weeks 28 - 31 (July 5 - August 1)** | | | | | | | | | |
| Male | Avg. Length | | 483 | 395 | 583 | 470 | 590 | | |
| | Std. Error | | 11.8 | | 8.1 | 26.1 | 18.9 | | |
| | Sample Size | | 8 | 1 | 8 | 7 | 3 | | |
| Female | Avg. Length | 590 | 484 | 405 | 583 | 475 | 559 | | |
| | Std. Error | | 10.3 | 30.0 | 6.9 | 23.8 | 16.6 | | |
| | Sample Size | 1 | 5 | 2 | 15 | 10 | 4 | | |
| All Fish | Avg. Length | 590 | 483 | 402 | 583 | 473 | 572 | | |
| | Std. Error | | 8.0 | 17.6 | 5.2 | 17.1 | 13.0 | | |
| | Sample Size | 1 | 13 | 3 | 23 | 17 | 7 | | |
| **Statistical Weeks 33 - 39 (August 9 - Sept. 26)** | | | | | | | | | |
| Male | Avg. Length | | | 365 | | 539 | 586 | 496 | 580 |
| | Std. Error | | | | | 7.5 | 7.2 | 12.5 | |
| | Sample Size | | | 1 | | 5 | 11 | 4 | 1 |
| Female | Avg. Length | | | | | 523 | 584 | | 578 |
| | Std. Error | | | | | 17.5 | 4.0 | | 7.3 |
| | Sample Size | | | | | 2 | 17 | | 3 |
| All Fish | Avg. Length | | | 365 | | 534 | 585 | 496 | 579 |
| | Std. Error | | | | | 7.1 | 3.7 | 12.5 | 5.2 |
| | Sample Size | | | 1 | | 7 | 28 | 4 | 4 |
| **Combined Periods (Unweighted)** | | | | | | | | | |
| Male | Avg. Length | | 483 | 380 | 583 | 499 | 587 | 496 | 580 |
| | Std. Error | | 11.8 | 15.0 | 8.1 | 18.2 | 6.6 | 12.5 | |
| | Sample Size | | 8 | 2 | 8 | 12 | 14 | 4 | 1 |
| Female | Avg. Length | 590 | 484 | 405 | 583 | 483 | 580 | | 578 |
| | Std. Error | | 10.3 | 30.0 | 6.9 | 20.5 | 4.9 | | 7.3 |
| | Sample Size | 1 | 5 | 2 | 15 | 12 | 21 | | 3 |
| All Fish | Avg. Length | 590 | 483 | 393 | 583 | 491 | 582 | 496 | 579 |
| | Std. Error | | 8.0 | 15.5 | 5.2 | 13.5 | 3.9 | 12.5 | 5.2 |
| | Sample Size | 1 | 13 | 4 | 23 | 24 | 35 | 4 | 4 |

Appendix C.17 Age composition of sockeye salmon in the District 113-34 (Necker Bay) purse seine catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1983 | | 1982 | | 1981 | | |
| | 1.2 | 2.1 | 2.2 | 3.1 | 2.3 | 3.2 | Total |
| Statistical Week | 30 | (July 19 - 25) | | | | | |
| Male | | | | | | | |
| Sample Number | 10 | 1 | 124 | 2 | | | 137 |
| Percent | 3.6 | 0.4 | 44.3 | 0.7 | | | 48.9 |
| Std. Error | 1.1 | 0.3 | 2.9 | 0.5 | | | 2.9 |
| Number | 117 | 12 | 1452 | 23 | | | 1604 |
| Female | | | | | | | |
| Sample Number | 2 | 5 | 134 | 1 | 1 | | 143 |
| Percent | 0.7 | 1.8 | 47.9 | 0.4 | 0.4 | | 51.1 |
| Std. Error | 0.5 | 0.8 | 2.9 | 0.3 | 0.3 | | 2.9 |
| Number | 23 | 59 | 1569 | 12 | 12 | | 1675 |
| All Fish 1/ | | | | | | | |
| Sample Number | 16 | 8 | 381 | 4 | 1 | 1 | 411 |
| Percent | 3.9 | 1.9 | 92.7 | 1.0 | 0.2 | 0.2 | 100.0 |
| Std. Error | 0.9 | 0.7 | 1.2 | 0.5 | 0.2 | 0.2 | |
| Number | 187 | 94 | 4461 | 47 | 12 | 12 | 4813 |

1/ Includes unsexed fish totals.

Appendix C.18 Length composition of sockeye salmon in the District 113-34 (Necker Bay) purse seine catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | |
|---|---|---|---|---|---|
| | | 1983 | | 1982 | 1981 |
| | | 1.2 | 2.1 | 2.2 | 2.3 |
| Statistical Week 30 (July 19 - 25) | | | | | |
| Male | Avg. Length | 406 | | 416 | |
| | Std. Error | 8.2 | | 3.9 | |
| | Sample Size | 6 | | 29 | |
| Female | Avg. Length | | | 420 | 530 |
| | Std. Error | | | 3.6 | |
| | Sample Size | | | 37 | 1 |
| All Fish 1/ | Avg. Length | 406 | 365 | 416 | 530 |
| | Std. Error | 6.9 | | 1.7 | |
| | Sample Size | 8 | 1 | 143 | 1 |

1/ Includes unsexed fish totals.

Appendix C.19 Age composition of sockeye salmon in the District 114 purse seine catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | | 1982 | | 1981 | | 1980 | |
| | 0.2 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 | Total |
| Statistical Week 27 (June 28 - July 4) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | 8 | 8 | | 127 | 4 | | 25 | | 172 |
| Percent | | 2.6 | 2.6 | | 41.8 | 1.3 | | 8.2 | | 56.6 |
| Std. Error | | 0.7 | 0.7 | | 2.1 | 0.5 | | 1.2 | | 2.2 |
| Number | | 19 | 19 | | 298 | 9 | | 58 | | 403 |
| Female | | | | | | | | | | |
| Sample Number | | 7 | 5 | | 99 | 2 | | 19 | | 132 |
| Percent | | 2.3 | 1.6 | | 32.6 | 0.7 | | 6.3 | | 43.4 |
| Std. Error | | 0.7 | 0.6 | | 2.0 | 0.4 | | 1.1 | | 2.2 |
| Number | | 16 | 12 | | 232 | 5 | | 45 | | 310 |
| All Fish | | | | | | | | | | |
| Sample Number | | 15 | 13 | | 226 | 6 | | 44 | | 304 |
| Percent | | 4.9 | 4.3 | | 74.3 | 2.0 | | 14.5 | | 100.0 |
| Std. Error | | 0.9 | 0.9 | | 1.9 | 0.6 | | 1.5 | | |
| Number | | 35 | 31 | | 530 | 14 | | 103 | | 713 |
| Statistical Weeks 28 - 31 (July 5 - August 1) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 1 | 7 | 6 | 3 | 57 | 6 | | 14 | 1 | 95 |
| Percent | 0.6 | 4.2 | 3.6 | 1.8 | 33.9 | 3.6 | | 8.3 | 0.6 | 56.5 |
| Std. Error | 0.6 | 1.5 | 1.4 | 1.0 | 3.5 | 1.4 | | 2.1 | 0.6 | 3.7 |
| Number | 16 | 112 | 96 | 48 | 910 | 96 | | 224 | 16 | 1518 |
| Female | | | | | | | | | | |
| Sample Number | | 2 | 4 | | 57 | 1 | | 6 | 3 | 73 |
| Percent | | 1.2 | 2.4 | | 33.9 | 0.6 | | 3.6 | 1.8 | 43.5 |
| Std. Error | | 0.8 | 1.1 | | 3.5 | 0.6 | | 1.4 | 1.0 | 3.7 |
| Number | | 32 | 64 | | 910 | 16 | | 96 | 48 | 1166 |
| All Fish | | | | | | | | | | |
| Sample Number | 1 | 9 | 10 | 3 | 114 | 7 | | 20 | 4 | 168 |
| Percent | 0.6 | 5.4 | 6.0 | 1.8 | 67.9 | 4.2 | | 11.9 | 2.4 | 100.0 |
| Std. Error | 0.6 | 1.7 | 1.8 | 1.0 | 3.5 | 1.5 | | 2.4 | 1.1 | |
| Number | 16 | 144 | 160 | 48 | 1820 | 112 | | 320 | 64 | 2684 |
| Statistical Weeks 34 - 39 (August 16 - Sept. 26) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | | | | 9 | 7 | | 13 | | 29 |
| Percent | | | | | 14.3 | 11.1 | | 20.6 | | 46.0 |
| Std. Error | | | | | 4.1 | 3.7 | | 4.7 | | 5.8 |
| Number | | | | | 57 | 44 | | 81 | | 182 |
| Female | | | | | | | | | | |
| Sample Number | | | 1 | | 8 | 13 | 1 | 11 | | 34 |
| Percent | | | 1.6 | | 12.7 | 20.6 | 1.6 | 17.5 | | 54.0 |
| Std. Error | | | 1.5 | | 3.9 | 4.7 | 1.5 | 4.4 | | 5.8 |
| Number | | | 6 | | 50 | 82 | 6 | 70 | | 214 |
| All Fish | | | | | | | | | | |
| Sample Number | | | 1 | | 17 | 20 | 1 | 24 | | 63 |
| Percent | | | 1.6 | | 27.0 | 31.7 | 1.6 | 38.1 | | 100.0 |
| Std. Error | | | 1.5 | | 5.2 | 5.4 | 1.5 | 5.7 | | |
| Number | | | 6 | | 107 | 126 | 6 | 151 | | 396 |
| Combined Periods (Percentages are weighted by period catches) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 1 | 15 | 14 | 3 | 193 | 17 | | 52 | 1 | 296 |
| Percent | 0.4 | 3.4 | 3.0 | 1.3 | 33.4 | 3.9 | | 9.6 | 0.4 | 55.5 |
| Std. Error | 0.4 | 1.1 | 1.0 | 0.7 | 2.6 | 1.1 | | 1.6 | 0.4 | 2.7 |
| Number | 16 | 131 | 115 | 48 | 1265 | 149 | | 363 | 16 | 2103 |
| Female | | | | | | | | | | |
| Sample Number | | 9 | 10 | | 164 | 16 | 1 | 36 | 3 | 239 |
| Percent | | 1.3 | 2.2 | | 31.5 | 2.7 | 0.2 | 5.5 | 1.3 | 44.5 |
| Std. Error | | 0.6 | 0.8 | | 2.6 | 0.6 | 0.2 | 1.1 | 0.7 | 2.7 |
| Number | | 48 | 82 | | 1192 | 103 | 6 | 211 | 48 | 1690 |
| All Fish | | | | | | | | | | |
| Sample Number | 1 | 24 | 24 | 3 | 357 | 33 | 1 | 88 | 4 | 535 |
| Percent | 0.4 | 4.7 | 5.2 | 1.3 | 64.8 | 6.6 | 0.2 | 15.1 | 1.7 | 100.0 |
| Std. Error | 0.4 | 1.2 | 1.3 | 0.7 | 2.6 | 1.2 | 0.2 | 1.8 | 0.8 | |
| Number | 16 | 179 | 197 | 48 | 2457 | 252 | 6 | 574 | 64 | 3793 |

Appendix C.20 Length composition of sockeye salmon in the District 114 purse seine catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | 1980 |
| | | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 | 3.3 |
| **Statistical Week 27 (June 28 - July 4)** | | | | | | | |
| Male | Avg. Length | 605 | 480 | 585 | 440 | 579 | |
| | Std. Error | 15.0 | | 4.4 | | 8.0 | |
| | Sample Size | 2 | 1 | 29 | 1 | 7 | |
| Female | Avg. Length | 567 | 504 | 572 | | 585 | |
| | Std. Error | 3.3 | 21.2 | 4.9 | | 5.0 | |
| | Sample Size | 3 | 4 | 31 | | 2 | |
| All Fish | Avg. Length | 582 | 499 | 578 | 440 | 580 | |
| | Std. Error | 10.7 | 17.1 | 3.4 | | 6.2 | |
| | Sample Size | 5 | 5 | 60 | 1 | 9 | |
| **Statistical Weeks 28 - 31 (July 5 - August 1)** | | | | | | | |
| Male | Avg. Length | 602 | 410 | 591 | 458 | 599 | |
| | Std. Error | 10.1 | | 6.1 | 17.5 | 9.4 | |
| | Sample Size | 3 | 1 | 17 | 2 | 4 | |
| Female | Avg. Length | 595 | | 573 | | 593 | 540 |
| | Std. Error | | | 4.3 | | 2.5 | |
| | Sample Size | 1 | | 20 | | 2 | 1 |
| All Fish | Avg. Length | 600 | 410 | 581 | 458 | 597 | 540 |
| | Std. Error | 7.4 | | 3.9 | 17.5 | 6.1 | |
| | Sample Size | 4 | 1 | 37 | 2 | 6 | 1 |
| **Statistical Weeks 34 - 39 (August 16 - Sept. 26)** | | | | | | | |
| Male | Avg. Length | | | | | | |
| | Std. Error | | | | | | |
| | Sample Size | | | | | | |
| Female | Avg. Length | | | | | | |
| | Std. Error | | | | | | |
| | Sample Size | | | | | | |
| All Fish | Avg. Length | | | | | | |
| | Std. Error | | | | | | |
| | Sample Size | | | | | | |
| **Combined Periods (Unweighted)** | | | | | | | |
| Male | Avg. Length | 603 | 445 | 587 | 452 | 586 | |
| | Std. Error | 7.3 | 35.0 | 3.6 | 11.7 | 6.6 | |
| | Sample Size | 5 | 2 | 46 | 3 | 11 | |
| Female | Avg. Length | 574 | 504 | 572 | | 589 | 540 |
| | Std. Error | 7.5 | 21.2 | 3.4 | | 3.1 | |
| | Sample Size | 4 | 4 | 51 | | 4 | 1 |
| All Fish | Avg. Length | 590 | 484 | 579 | 452 | 587 | 540 |
| | Std. Error | 7.1 | 20.3 | 2.6 | 11.7 | 4.8 | |
| | Sample Size | 9 | 6 | 97 | 3 | 15 | 1 |

Appendix D.1 Age composition of sockeye salmon in the District 102-10 test seine catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1983 | | | 1982 | | 1981 | |
| | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | Total |
| **Statistical Week 28 (July 5 - 11)** | | | | | | | |
| Male | | | | | | | |
| Sample Number | | | | 11 | | 3 | 14 |
| Percent | | | | 33.3 | | 9.1 | 42.4 |
| Std. Error | | | | 4.5 | | 2.8 | 4.8 |
| Number | | | | 16 | | 4 | 20 |
| Female | | | | | | | |
| Sample Number | 1 | 2 | | 15 | 1 | | 19 |
| Percent | 3.0 | 6.1 | | 45.5 | 3.0 | | 57.6 |
| Std. Error | 1.7 | 2.3 | | 4.8 | 1.7 | | 4.8 |
| Number | 1 | 3 | | 22 | 1 | | 27 |
| All Fish | | | | | | | |
| Sample Number | 1 | 2 | | 26 | 1 | 3 | 33 |
| Percent | 3.0 | 6.1 | | 78.8 | 3.0 | 9.1 | 100.0 |
| Std. Error | 1.7 | 2.3 | | 3.9 | 1.7 | 2.8 | |
| Number | 1 | 3 | | 38 | 1 | 4 | 47 |
| **Statistical Week 29 (July 12 - 18)** | | | | | | | |
| Male | | | | | | | |
| Sample Number | | 2 | 1 | 15 | 1 | 2 | 21 |
| Percent | | 5.1 | 2.6 | 38.5 | 2.6 | 5.1 | 53.8 |
| Std. Error | | 1.6 | 1.2 | 3.6 | 1.2 | 1.6 | 3.7 |
| Number | | 3 | 1 | 18 | 1 | 3 | 26 |
| Female | | | | | | | |
| Sample Number | | 4 | 1 | 7 | 3 | 3 | 18 |
| Percent | | 10.3 | 2.6 | 17.9 | 7.7 | 7.7 | 46.2 |
| Std. Error | | 2.2 | 1.2 | 2.8 | 2.0 | 2.0 | 3.7 |
| Number | | 5 | 1 | 9 | 4 | 4 | 23 |
| All Fish | | | | | | | |
| Sample Number | | 6 | 2 | 22 | 4 | 5 | 39 |
| Percent | | 15.4 | 5.1 | 56.4 | 10.3 | 12.8 | 100.0 |
| Std. Error | | 2.6 | 1.6 | 3.6 | 2.2 | 2.5 | |
| Number | | 8 | 2 | 27 | 5 | 7 | 49 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | |
| Male | | | | | | | |
| Sample Number | | 2 | 1 | 26 | 1 | 5 | 35 |
| Percent | | 2.6 | 1.3 | 36.0 | 1.3 | 7.1 | 48.3 |
| Std. Error | | 0.8 | 0.6 | 2.9 | 0.6 | 1.6 | 3.0 |
| Number | | 3 | 1 | 34 | 1 | 7 | 46 |
| Female | | | | | | | |
| Sample Number | 1 | 6 | 1 | 22 | 4 | 3 | 37 |
| Percent | 1.5 | 8.2 | 1.3 | 31.4 | 5.4 | 3.9 | 51.7 |
| Std. Error | 0.8 | 1.6 | 0.6 | 2.8 | 1.3 | 1.0 | 3.0 |
| Number | 1 | 8 | 1 | 31 | 5 | 4 | 50 |
| All Fish | | | | | | | |
| Sample Number | 1 | 8 | 2 | 48 | 5 | 8 | 72 |
| Percent | 1.5 | 10.8 | 2.6 | 67.4 | 6.7 | 11.0 | 100.0 |
| Std. Error | 0.8 | 1.8 | 0.8 | 2.7 | 1.4 | 1.8 | |
| Number | 1 | 11 | 2 | 65 | 6 | 11 | 96 |

Appendix D.2 Length composition of sockeye salmon in the District 102-10 test seine catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 |
| | | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 |
| **Statistical Week 28 (July 5 - 11)** | | | | | | |
| Male | Avg. Length | | | 583 | | |
| | Std. Error | | | 27.5 | | |
| | Sample Size | | | 2 | | |
| Female | Avg. Length | | | 573 | | |
| | Std. Error | | | 9.4 | | |
| | Sample Size | | | 6 | | |
| All Fish | Avg. Length | | | 575 | | |
| | Std. Error | | | 8.8 | | |
| | Sample Size | | | 8 | | |
| **Statistical Week 29 (July 12 - 18)** | | | | | | |
| Male | Avg. Length | 520 | 340 | 583 | 490 | 605 |
| | Std. Error | 40.0 | | 9.4 | | 15.0 |
| | Sample Size | 2 | 1 | 15 | 1 | 2 |
| Female | Avg. Length | 471 | 570 | 554 | 515 | 542 |
| | Std. Error | 17.6 | | 25.0 | 39.1 | 6.0 |
| | Sample Size | 4 | 1 | 7 | 3 | 3 |
| All Fish | Avg. Length | 488 | 455 | 573 | 509 | 567 |
| | Std. Error | 18.3 | 115.0 | 10.3 | 28.3 | 16.6 |
| | Sample Size | 6 | 2 | 22 | 4 | 5 |
| **Combined Periods (Unweighted)** | | | | | | |
| Male | Avg. Length | 520 | 340 | 583 | 490 | 605 |
| | Std. Error | 40.0 | | 8.6 | | 15.0 |
| | Sample Size | 2 | 1 | 17 | 1 | 2 |
| Female | Avg. Length | 471 | 570 | 562 | 515 | 542 |
| | Std. Error | 17.6 | | 13.9 | 39.1 | 6.0 |
| | Sample Size | 4 | 1 | 13 | 3 | 3 |
| All Fish | Avg. Length | 488 | 455 | 574 | 509 | 567 |
| | Std. Error | 18.3 | 115.0 | 7.8 | 28.3 | 16.6 |
| | Sample Size | 6 | 2 | 30 | 4 | 5 |

Appendix D.3 Age composition of sockey salmon in the District 106-41 (Sumner Strait) test gill net catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1983 | | 1982 | | 1981 | | |
| | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Statistical Week 25 (June 14 - 20) | | | | | | | |
| **Male** | | | | | | | |
| Sample Number | | | 6 | | | | 6 |
| Percent | | | 75.0 | | | | 75.0 |
| Std. Error | | | 15.7 | | | | 15.7 |
| Number | | | 7 | | | | 7 |
| **Female** | | | | | | | |
| Sample Number | | 1 | 1 | | | | 2 |
| Percent | | 12.5 | 12.5 | | | | 25.0 |
| Std. Error | | 12.0 | 12.0 | | | | 15.7 |
| Number | | 1 | 1 | | | | 2 |
| **All Fish 1/** | | | | | | | |
| Sample Number | 2 | 14 | 57 | 6 | 1 | 9 | 89 |
| Percent | 2.2 | 15.7 | 64.0 | 6.7 | 1.1 | 10.1 | 100.0 |
| Std. Error | 0.6 | 1.4 | 1.8 | 1.0 | 0.4 | 1.1 | |
| Number | 2 | 16 | 66 | 7 | 1 | 10 | 102 |

1/ Includes unsexed fish totals.

Appendix D.4 Length composition of sockeye salmon in the District 106-41 (Sumner Strait) test gill net catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | |
| | | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 |
| Statistical Week 25 (June 14 - 20) | | | | | | | |
| Male | Avg. Length | | | 603 | | | |
| | Std. Error | | | 6.7 | | | |
| | Sample Size | | | 6 | | | |
| Female | Avg. Length | | 510 | 575 | | | |
| | Std. Error | | | | | | |
| | Sample Size | | 1 | 1 | | | |
| All Fish 1/ | Avg. Length | 600 | 532 | 584 | 537 | 655 | 599 |
| | Std. Error | 15.0 | 6.7 | 2.7 | 13.5 | | 3.7 |
| | Sample Size | 2 | 14 | 56 | 6 | 1 | 9 |

1/ Includes unsexed fish totals.

Appendix D.5 Age composition of sockeye salmon in the District 108-50 and 108-60 test gill net catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|
| | 1983 | | 1982 | | 1981 | |
| | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 | Total |
| **Statistical Week 29 (July 12 - 18)** | | | | | | |
| Male | | | | | | |
| Sample Number | 3 | 3 | 20 | 1 | 4 | 31 |
| Percent | 5.4 | 5.4 | 35.7 | 1.8 | 7.1 | 55.4 |
| Std. Error | 1.5 | 1.5 | 3.3 | 0.9 | 1.7 | 3.4 |
| Number | 4 | 4 | 28 | 1 | 5 | 42 |
| Female | | | | | | |
| Sample Number | 8 | 1 | 13 | | 3 | 25 |
| Percent | 14.3 | 1.8 | 23.2 | | 5.4 | 44.6 |
| Std. Error | 2.4 | 0.9 | 2.9 | | 1.5 | 3.4 |
| Number | 11 | 1 | 17 | | 4 | 33 |
| All Fish | | | | | | |
| Sample Number | 11 | 4 | 33 | 1 | 7 | 56 |
| Percent | 19.6 | 7.1 | 58.9 | 1.8 | 12.5 | 100.0 |
| Std. Error | 2.7 | 1.7 | 3.3 | 0.9 | 2.2 | |
| Number | 15 | 5 | 45 | 1 | 9 | 75 |
| **Statistical Week 30 (July 19 - 25)** | | | | | | |
| Male | | | | | | |
| Sample Number | 4 | 3 | 8 | | 1 | 16 |
| Percent | 13.8 | 10.3 | 27.6 | | 3.4 | 55.2 |
| Std. Error | 1.7 | 1.5 | 2.1 | | 0.9 | 2.4 |
| Number | 4 | 3 | 9 | | 1 | 17 |
| Female | | | | | | |
| Sample Number | 2 | 1 | 8 | | 2 | 13 |
| Percent | 6.9 | 3.4 | 27.6 | | 6.9 | 44.8 |
| Std. Error | 1.2 | 0.9 | 2.1 | | 1.2 | 2.4 |
| Number | 2 | 1 | 9 | | 2 | 14 |
| All Fish | | | | | | |
| Sample Number | 6 | 4 | 16 | | 3 | 29 |
| Percent | 20.7 | 13.8 | 55.2 | | 10.3 | 100.0 |
| Std. Error | 1.9 | 1.7 | 2.4 | | 1.5 | |
| Number | 6 | 4 | 18 | | 3 | 31 |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | |
| Male | | | | | | |
| Sample Number | 5 | | 8 | | 4 | 17 |
| Percent | 17.9 | | 28.6 | | 14.3 | 60.7 |
| Std. Error | 3.5 | | 4.1 | | 3.2 | 4.4 |
| Number | 7 | | 10 | | 5 | 22 |
| Female | | | | | | |
| Sample Number | 4 | 1 | 6 | | | 11 |
| Percent | 14.3 | 3.6 | 21.4 | | | 39.3 |
| Std. Error | 3.2 | 1.7 | 3.7 | | | 4.4 |
| Number | 5 | 1 | 8 | | | 14 |
| All Fish | | | | | | |
| Sample Number | 9 | 1 | 14 | | 4 | 28 |
| Percent | 32.1 | 3.6 | 50.0 | | 14.3 | 100.0 |
| Std. Error | 4.2 | 1.7 | 4.5 | | 3.2 | |
| Number | 12 | 1 | 18 | | 5 | 36 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | |
| Male | | | | | | |
| Sample Number | 12 | 6 | 36 | 1 | 9 | 64 |
| Percent | 10.4 | 5.1 | 32.1 | 0.9 | 8.1 | 56.7 |
| Std. Error | 1.2 | 0.9 | 2.1 | 0.5 | 1.2 | 2.2 |
| Number | 15 | 7 | 47 | 1 | 11 | 81 |
| Female | | | | | | |
| Sample Number | 14 | 3 | 27 | | 5 | 49 |
| Percent | 12.7 | 2.6 | 23.7 | | 4.3 | 43.3 |
| Std. Error | 1.5 | 0.7 | 1.8 | | 0.8 | 2.2 |
| Number | 18 | 3 | 34 | | 6 | 61 |
| All Fish | | | | | | |
| Sample Number | 26 | 9 | 63 | 1 | 14 | 113 |
| Percent | 23.0 | 7.7 | 55.8 | 0.9 | 12.5 | 100.0 |
| Std. Error | 1.8 | 1.1 | 2.2 | 0.5 | 1.5 | |
| Number | 33 | 10 | 81 | 1 | 17 | 142 |

Appendix D.6 Length composition of sockeye salmon in the District 108-50 and 108-60 test gill net catch by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 |
| | | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 |
| **Statistical Week 29 (July 12 - 18)** | | | | | | |
| Male | Avg. Length | 593 | 502 | 606 | 550 | 598 |
| | Std. Error | 16.4 | 19.2 | 4.6 | | 2.5 |
| | Sample Size | 3 | 3 | 20 | 1 | 4 |
| Female | Avg. Length | 589 | 560 | 590 | | 570 |
| | Std. Error | 7.2 | | 8.9 | | 17.6 |
| | Sample Size | 8 | 1 | 13 | | 3 |
| All Fish | Avg. Length | 590 | 516 | 600 | 550 | 586 |
| | Std. Error | 6.4 | 19.9 | 4.6 | | 8.8 |
| | Sample Size | 11 | 4 | 33 | 1 | 7 |
| **Statistical Week 30 (July 19 - 25)** | | | | | | |
| Male | Avg. Length | 590 | 533 | 604 | | 600 |
| | Std. Error | 11.4 | 6.7 | 7.7 | | |
| | Sample Size | 4 | 3 | 8 | | 1 |
| Female | Avg. Length | 583 | 500 | 582 | | 580 |
| | Std. Error | 2.5 | | 7.6 | | 15.0 |
| | Sample Size | 2 | 1 | 8 | | 2 |
| All Fish | Avg. Length | 588 | 525 | 593 | | 587 |
| | Std. Error | 7.4 | 9.6 | 5.9 | | 10.9 |
| | Sample Size | 6 | 4 | 16 | | 3 |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | |
| Male | Avg. Length | 590 | | 594 | | 596 |
| | Std. Error | 11.2 | | 6.8 | | 9.0 |
| | Sample Size | 5 | | 8 | | 4 |
| Female | Avg. Length | 588 | 490 | 581 | | |
| | Std. Error | 3.2 | | 10.8 | | |
| | Sample Size | 4 | 1 | 6 | | |
| All Fish | Avg. Length | 589 | 490 | 588 | | 596 |
| | Std. Error | 6.1 | | 6.0 | | 9.0 |
| | Sample Size | 9 | 1 | 14 | | 4 |
| **Combined Periods (Unweighted)** | | | | | | |
| Male | Avg. Length | 591 | 518 | 603 | 550 | 597 |
| | Std. Error | 6.6 | 11.5 | 3.4 | | 3.8 |
| | Sample Size | 12 | 6 | 36 | 1 | 9 |
| Female | Avg. Length | 588 | 517 | 585 | | 574 |
| | Std. Error | 4.2 | 21.9 | 5.3 | | 11.0 |
| | Sample Size | 14 | 3 | 27 | | 5 |
| All Fish | Avg. Length | 589 | 517 | 595 | 550 | 589 |
| | Std. Error | 3.7 | 9.8 | 3.2 | | 5.3 |
| | Sample Size | 26 | 9 | 63 | 1 | 14 |

Appendix D.7 Age composition of sockeye salmon in the Canadian drift gill net test catch in the lower Stikine River by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | | 1981 | | |
| | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| **Statistical Weeks 26 - 27 (June 21 - July 4)** | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | | | | | 2 | 1 | | | 3 |
| Percent | | | | | 16.7 | 8.3 | | | 25.0 |
| Std. Error | | | | | 3.1 | 2.3 | | | 3.6 |
| Number | | | | | 2 | 1 | | | 3 |
| Female | | | | | | | | | |
| Sample Number | | | | | 9 | | | | 9 |
| Percent | | | | | 75.0 | | | | 75.0 |
| Std. Error | | | | | 3.6 | | | | 3.6 |
| Number | | | | | 10 | | | | 10 |
| All Fish | | | | | | | | | |
| Sample Number | | | | | 11 | 1 | | | 12 |
| Percent | | | | | 91.7 | 8.3 | | | 100.0 |
| Std. Error | | | | | 2.3 | 2.3 | | | |
| Number | | | | | 12 | 1 | | | 13 |
| **Statistical Week 28 (July 5 - 11)** | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | | 1 | 2 | | 21 | | | 1 | 25 |
| Percent | | 1.9 | 3.7 | | 38.9 | | | 1.9 | 46.3 |
| Std. Error | | 0.3 | 0.5 | | 1.3 | | | 0.3 | 1.3 |
| Number | | 1 | 2 | | 22 | | | 1 | 26 |
| Female | | | | | | | | | |
| Sample Number | | 2 | | | 25 | | | 2 | 29 |
| Percent | | 3.7 | | | 46.3 | | | 3.7 | 53.7 |
| Std. Error | | 0.5 | | | 1.3 | | | 0.5 | 1.3 |
| Number | | 2 | | | 26 | | | 2 | 30 |
| All Fish | | | | | | | | | |
| Sample Number | | 3 | 2 | | 46 | | | 3 | 54 |
| Percent | | 5.6 | 3.7 | | 85.2 | | | 5.6 | 100.0 |
| Std. Error | | 0.6 | 0.5 | | 0.9 | | | 0.6 | |
| Number | | 3 | 2 | | 48 | | | 3 | 56 |
| **Statistical Week 29 (July 12 - 18)** | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | | 1 | 1 | | 19 | 2 | 1 | 6 | 30 |
| Percent | | 1.5 | 1.5 | | 28.8 | 3.0 | 1.5 | 9.1 | 45.5 |
| Std. Error | | 0.4 | 0.4 | | 1.3 | 0.5 | 0.4 | 0.9 | 1.5 |
| Number | | 1 | 1 | | 21 | 2 | 1 | 6 | 32 |
| Female | | | | | | | | | |
| Sample Number | | 4 | 1 | | 29 | 1 | | 1 | 36 |
| Percent | | 6.1 | 1.5 | | 43.9 | 1.5 | | 1.5 | 54.5 |
| Std. Error | | 0.7 | 0.4 | | 1.5 | 0.4 | | 0.4 | 1.5 |
| Number | | 4 | 1 | | 31 | 1 | | 1 | 38 |
| All Fish | | | | | | | | | |
| Sample Number | | 5 | 2 | | 48 | 3 | 1 | 7 | 66 |
| Percent | | 7.6 | 3.0 | | 72.7 | 4.5 | 1.5 | 10.6 | 100.0 |
| Std. Error | | 0.8 | 0.5 | | 1.3 | 0.6 | 0.4 | 0.9 | |
| Number | | 5 | 2 | | 52 | 3 | 1 | 7 | 70 |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | | 5 | 8 | | 28 | 3 | | 2 | 46 |
| Percent | | 5.4 | 8.6 | | 30.1 | 3.2 | | 2.2 | 49.5 |
| Std. Error | | 0.6 | 0.8 | | 1.3 | 0.5 | | 0.4 | 1.4 |
| Number | | 5 | 9 | | 30 | 3 | | 2 | 49 |
| Female | | | | | | | | | |
| Sample Number | | 8 | 1 | | 32 | | | 6 | 47 |
| Percent | | 8.6 | 1.1 | | 34.4 | | | 6.5 | 50.5 |
| Std. Error | | 0.8 | 0.3 | | 1.3 | | | 0.7 | 1.4 |
| Number | | 9 | 1 | | 35 | | | 6 | 51 |
| All Fish | | | | | | | | | |
| Sample Number | | 13 | 9 | | 60 | 3 | | 8 | 93 |
| Percent | | 14.0 | 9.7 | | 64.5 | 3.2 | | 8.6 | 100.0 |
| Std. Error | | 1.0 | 0.8 | | 1.3 | 0.5 | | 0.8 | |
| Number | | 14 | 10 | | 65 | 3 | | 8 | 100 |

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Appendix D.7 Age composition of sockeye salmon in the Canadian drift gill net test catch in the lower Stikine River by sex, age class, and fishing period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | | 1981 | | |
| | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Statistical Week 31 (July 26 - August 1) | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | | 3 | 3 | | 14 | 1 | 1 | 3 | 25 |
| Percent | | 4.9 | 4.9 | | 23.0 | 1.6 | 1.6 | 4.9 | 41.0 |
| Std. Error | | 1.0 | 1.0 | | 1.8 | 0.6 | 0.6 | 1.0 | 2.2 |
| Number | | 3 | 3 | | 17 | 1 | 1 | 3 | 28 |
| Female | | | | | | | | | |
| Sample Number | | 3 | 3 | | 26 | | | 4 | 36 |
| Percent | | 4.9 | 4.9 | | 42.6 | | | 6.6 | 59.0 |
| Std. Error | | 1.0 | 1.0 | | 2.2 | | | 1.1 | 2.2 |
| Number | | 3 | 3 | | 30 | | | 5 | 41 |
| All Fish | | | | | | | | | |
| Sample Number | | 6 | 6 | | 40 | 1 | 1 | 7 | 61 |
| Percent | | 9.8 | 9.8 | | 65.6 | 1.6 | 1.6 | 11.5 | 100.0 |
| Std. Error | | 1.3 | 1.3 | | 2.1 | 0.6 | 0.6 | 1.4 | |
| Number | | 6 | 6 | | 47 | 1 | 1 | 8 | 69 |
| Statistical Week 32 (August 2 - 8) | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | | 1 | 2 | | 8 | | | 1 | 12 |
| Percent | | 3.0 | 6.1 | | 24.2 | | | 3.0 | 36.4 |
| Std. Error | | 1.1 | 1.5 | | 2.7 | | | 1.1 | 3.1 |
| Number | | 1 | 2 | | 10 | | | 1 | 14 |
| Female | | | | | | | | | |
| Sample Number | | 3 | 1 | 1 | 13 | | 1 | 2 | 21 |
| Percent | | 9.1 | 3.0 | 3.0 | 39.4 | | 3.0 | 6.1 | 63.6 |
| Std. Error | | 1.8 | 1.1 | 1.1 | 3.1 | | 1.1 | 1.5 | 3.1 |
| Number | | 3 | 1 | 1 | 16 | | 1 | 2 | 24 |
| All Fish | | | | | | | | | |
| Sample Number | | 4 | 3 | 1 | 21 | | 1 | 3 | 33 |
| Percent | | 12.1 | 9.1 | 3.0 | 63.6 | | 3.0 | 9.1 | 100.0 |
| Std. Error | | 2.1 | 1.8 | 1.1 | 3.1 | | 1.1 | 1.8 | |
| Number | | 5 | 3 | 1 | 26 | | 1 | 3 | 38 |
| Statistical Weeks 33 - 35 (August 9 - 29) | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 2 | | 5 | | 5 | | | | 12 |
| Percent | 6.7 | | 16.7 | | 16.7 | | | | 40.0 |
| Std. Error | 2.1 | | 3.2 | | 3.2 | | | | 4.2 |
| Number | 2 | | 6 | | 7 | | | | 15 |
| Female | | | | | | | | | |
| Sample Number | | 1 | | | 15 | 1 | | 1 | 18 |
| Percent | | 3.3 | | | 50.0 | 3.3 | | 3.3 | 60.0 |
| Std. Error | | 1.5 | | | 4.3 | 1.5 | | 1.5 | 4.2 |
| Number | | 1 | | | 19 | 1 | | 1 | 22 |
| All Fish 1/ | | | | | | | | | |
| Sample Number | 2 | 1 | 5 | | 21 | 1 | | 1 | 31 |
| Percent | 6.5 | 3.2 | 16.1 | | 67.7 | 3.2 | | 3.2 | 100.0 |
| Std. Error | 1.9 | 1.4 | 2.9 | | 3.7 | 1.4 | | 1.4 | |
| Number | 2 | 1 | 6 | | 27 | 1 | | 1 | 38 |
| Combined Periods (Percentages are weighted by period catches) | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 2 | 11 | 21 | | 97 | 7 | 2 | 13 | 153 |
| Percent | 0.6 | 3.1 | 6.2 | | 27.5 | 2.0 | 0.6 | 3.7 | 43.7 |
| Std. Error | 0.2 | 0.3 | 0.4 | | 0.7 | 0.2 | 0.1 | 0.3 | 0.8 |
| Number | 2 | 11 | 23 | | 109 | 7 | 2 | 13 | 167 |
| Female | | | | | | | | | |
| Sample Number | | 21 | 6 | 1 | 149 | 2 | 1 | 16 | 196 |
| Percent | | 6.0 | 1.7 | 0.3 | 42.7 | 0.6 | 0.3 | 4.6 | 56.3 |
| Std. Error | | 0.4 | 0.2 | 0.1 | 0.8 | 0.2 | 0.1 | 0.4 | 0.8 |
| Number | | 22 | 6 | 1 | 167 | 2 | 1 | 17 | 216 |
| All Fish 1/ | | | | | | | | | |
| Sample Number | 2 | 32 | 27 | 1 | 247 | 9 | 3 | 29 | 350 |
| Percent | 0.6 | 9.1 | 7.9 | 0.3 | 70.4 | 2.6 | 0.9 | 8.3 | 100.0 |
| Std. Error | 0.2 | 0.5 | 0.5 | 0.1 | 0.8 | 0.3 | 0.2 | 0.4 | |
| Number | 2 | 33 | 29 | 1 | 277 | 9 | 3 | 30 | 384 |

1/ Includes unsexed fish totals.

Appendix D.8 Length composition of sockeye salmon in the Canadian drift gill net test catch in the lower Stikine River by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | |
| | | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 |
| **Statistical Weeks 26 - 27 (June 21 - July 4)** | | | | | | | | | |
| Male | Avg. Length | | | | | 592 | 512 | | |
| | Std. Error | | | | | 30.5 | | | |
| | Sample Size | | | | | 2 | 1 | | |
| Female | Avg. Length | | | | | 595 | | | |
| | Std. Error | | | | | 9.9 | | | |
| | Sample Size | | | | | 9 | | | |
| All Fish | Avg. Length | | | | | 594 | 512 | | |
| | Std. Error | | | | | 9.0 | | | |
| | Sample Size | | | | | 11 | 1 | | |
| **Statistical Week 28 (July 5 - 11)** | | | | | | | | | |
| Male | Avg. Length | | 600 | 524 | | 603 | | | 596 |
| | Std. Error | | | 25.5 | | 2.7 | | | |
| | Sample Size | | 1 | 2 | | 21 | | | 1 |
| Female | Avg. Length | | 566 | | | 581 | | | 579 |
| | Std. Error | | 13.0 | | | 3.4 | | | 15.0 |
| | Sample Size | | 2 | | | 25 | | | 2 |
| All Fish | Avg. Length | | 577 | 524 | | 591 | | | 585 |
| | Std. Error | | 13.6 | 25.5 | | 2.7 | | | 10.3 |
| | Sample Size | | 3 | 2 | | 46 | | | 3 |
| **Statistical Week 29 (July 12 - 18)** | | | | | | | | | |
| Male | Avg. Length | | 571 | 472 | | 609 | 539 | 636 | 574 |
| | Std. Error | | | | | 5.0 | 86.0 | | 9.8 |
| | Sample Size | | 1 | 1 | | 19 | 2 | 1 | 6 |
| Female | Avg. Length | | 558 | 513 | | 571 | 527 | | 619 |
| | Std. Error | | 3.1 | | | 4.9 | | | |
| | Sample Size | | 4 | 1 | | 29 | 1 | | 1 |
| All Fish | Avg. Length | | 560 | 493 | | 586 | 535 | 636 | 580 |
| | Std. Error | | 3.6 | 20.5 | | 4.5 | 49.8 | | 10.5 |
| | Sample Size | | 5 | 2 | | 48 | 3 | 1 | 7 |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | |
| Male | Avg. Length | | 574 | 472 | | 613 | 566 | | 600 |
| | Std. Error | | 24.6 | 10.7 | | 4.3 | 36.4 | | 3.0 |
| | Sample Size | | 5 | 8 | | 28 | 3 | | 2 |
| Female | Avg. Length | | 578 | 566 | | 592 | | | 581 |
| | Std. Error | | 7.9 | | | 3.4 | | | 12.2 |
| | Sample Size | | 8 | 1 | | 32 | | | 6 |
| All Fish | Avg. Length | | 577 | 482 | | 602 | 566 | | 586 |
| | Std. Error | | 10.0 | 14.1 | | 3.0 | 36.4 | | 9.5 |
| | Sample Size | | 13 | 9 | | 60 | 3 | | 8 |

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Appendix D.8 Length composition of sockeye salmon in the Canadian drift gill net test catch in the lower Stikine River by sex, age class, and fishing period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | |
| | | 1.1 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 |
| Statistical Week 31 (July 26 - August 1) | | | | | | | | | |
| Male | Avg. Length | | 604 | 473 | | 607 | 486 | 570 | 592 |
| | Std. Error | | 7.4 | 13.5 | | 5.0 | | | 10.5 |
| | Sample Size | | 3 | 3 | | 14 | 1 | 1 | 3 |
| Female | Avg. Length | | 583 | 536 | | 586 | | | 607 |
| | Std. Error | | 15.4 | 24.5 | | 6.5 | | | 21.5 |
| | Sample Size | | 3 | 3 | | 26 | | | 4 |
| All Fish | Avg. Length | | 594 | 504 | | 593 | 486 | 570 | 600 |
| | Std. Error | | 9.0 | 18.8 | | 4.8 | | | 12.5 |
| | Sample Size | | 6 | 6 | | 40 | 1 | 1 | 7 |
| Statistical Week 32 (August 2 - 8) | | | | | | | | | |
| Male | Avg. Length | | 625 | 575 | | 608 | | | 593 |
| | Std. Error | | | 63.5 | | 5.1 | | | |
| | Sample Size | | 1 | 2 | | 8 | | | 1 |
| Female | Avg. Length | | 579 | 517 | 614 | 597 | | 614 | 583 |
| | Std. Error | | 15.8 | | | 3.7 | | | 1.0 |
| | Sample Size | | 3 | 1 | 1 | 13 | | 1 | 2 |
| All Fish | Avg. Length | | 591 | 555 | 614 | 601 | | 614 | 586 |
| | Std. Error | | 16.0 | 41.4 | | 3.2 | | | 3.4 |
| | Sample Size | | 4 | 3 | 1 | 21 | | 1 | 3 |
| Statistical Weeks 33 - 35 (August 9 - 29) | | | | | | | | | |
| Male | Avg. Length | 360 | | 511 | | 599 | | | |
| | Std. Error | 7.0 | | 28.1 | | 8.8 | | | |
| | Sample Size | 2 | | 5 | | 5 | | | |
| Female | Avg. Length | | 555 | | | 581 | 587 | | 673 |
| | Std. Error | | | | | 6.0 | | | |
| | Sample Size | | 1 | | | 15 | 1 | | 1 |
| All Fish | Avg. Length | 360 | 555 | 511 | | 586 | 587 | | 673 |
| | Std. Error | 7.0 | | 28.1 | | 5.0 | | | |
| | Sample Size | 2 | 1 | 5 | | 21 | 1 | | 1 |
| Combined Periods (Unweighted) | | | | | | | | | |
| Male | Avg. Length | 360 | 589 | 496 | | 608 | 539 | 603 | 585 |
| | Std. Error | 7.0 | 12.1 | 11.4 | | 2.0 | 26.0 | 33.0 | 5.8 |
| | Sample Size | 2 | 11 | 21 | | 97 | 7 | 2 | 13 |
| Female | Avg. Length | | 573 | 534 | 614 | 584 | 557 | 614 | 596 |
| | Std. Error | | 4.6 | 13.4 | | 2.1 | 30.0 | | 9.0 |
| | Sample Size | | 21 | 6 | 1 | 149 | 2 | 1 | 16 |
| All Fish | Avg. Length | 360 | 578 | 504 | 614 | 594 | 543 | 607 | 591 |
| | Std. Error | 7.0 | 5.2 | 9.7 | | 1.6 | 20.6 | 19.4 | 5.6 |
| | Sample Size | 2 | 32 | 27 | 1 | 247 | 9 | 3 | 29 |

Appendix D.9 Age composition of sockeye salmon in the Canadian set gill net test catch in the lower Stikine River by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | | 1981 | | | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | Total |
| **Statistical Week 26 (June 21 - 27)** | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | | 1 | | | | 7 | | | | | 8 |
| Percent | | | 4.8 | | | | 33.3 | | | | | 38.1 |
| Std. Error | | | 1.4 | | | | 3.1 | | | | | 3.2 |
| Number | | | 1 | | | | 8 | | | | | 9 |
| Female | | | | | | | | | | | | |
| Sample Number | | | | | | | 13 | | | | | 13 |
| Percent | | | | | | | 61.9 | | | | | 61.9 |
| Std. Error | | | | | | | 3.2 | | | | | 3.2 |
| Number | | | | | | | 14 | | | | | 14 |
| All Fish | | | | | | | | | | | | |
| Sample Number | | | 1 | | | | 20 | | | | | 21 |
| Percent | | | 4.8 | | | | 95.2 | | | | | 100.0 |
| Std. Error | | | 1.4 | | | | 1.4 | | | | | |
| Number | | | 1 | | | | 22 | | | | | 23 |
| **Statistical Week 27 (June 28 - July 4)** | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | | | | | | 8 | | | | | 8 |
| Percent | | | | | | | 33.3 | | | | | 33.3 |
| Std. Error | | | | | | | | | | | | 0.0 |
| Number | | | | | | | 8 | | | | | 8 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 2 | 1 | | | 12 | | | 1 | | 16 |
| Percent | | | 8.3 | 4.2 | | | 50.0 | | | 4.2 | | 66.7 |
| Std. Error | | | | | | | | | | | | 0.0 |
| Number | | | 2 | 1 | | | 12 | | | 1 | | 16 |
| All Fish | | | | | | | | | | | | |
| Sample Number | | | 2 | 1 | | | 20 | | | 1 | | 24 |
| Percent | | | 8.3 | 4.2 | | | 83.3 | | | 4.2 | | 100.0 |
| Std. Error | | | | | | | | | | | | |
| Number | | | 2 | 1 | | | 20 | | | 1 | | 24 |
| **Statistical Week 28 (July 5 - 11)** | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | | | 3 | | | 45 | 1 | | 7 | | 56 |
| Percent | | | | 2.0 | | | 30.6 | 0.7 | | 4.8 | | 38.1 |
| Std. Error | | | | 0.2 | | | 0.8 | 0.1 | | 0.3 | | 0.8 |
| Number | | | | 3 | | | 47 | 1 | | 7 | | 58 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 2 | | | | 78 | | | 11 | | 91 |
| Percent | | | 1.4 | | | | 53.1 | | | 7.5 | | 61.9 |
| Std. Error | | | 0.2 | | | | 0.8 | | | 0.4 | | 0.8 |
| Number | | | 2 | | | | 81 | | | 11 | | 95 |
| All Fish | | | | | | | | | | | | |
| Sample Number | | | 2 | 3 | | | 123 | 1 | | 18 | | 147 |
| Percent | | | 1.4 | 2.0 | | | 83.7 | 0.7 | | 12.2 | | 100.0 |
| Std. Error | | | 0.2 | 0.2 | | | 0.6 | 0.1 | | 0.5 | | |
| Number | | | 2 | 3 | | | 128 | 1 | | 19 | | 153 |
| **Statistical Week 29 (July 12 - 18)** | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | 1 | | 4 | 9 | | | 60 | 1 | | 9 | | 84 |
| Percent | 0.5 | | 2.1 | 4.7 | | | 31.3 | 0.5 | | 4.7 | | 43.8 |
| Std. Error | 0.2 | | 0.4 | 0.5 | | | 1.2 | 0.2 | | 0.5 | | 1.2 |
| Number | 1 | | 5 | 10 | | | 68 | 1 | | 10 | | 95 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 9 | 2 | | | 76 | 2 | 1 | 17 | 1 | 108 |
| Percent | | | 4.7 | 1.0 | | | 39.6 | 1.0 | 0.5 | 8.9 | 0.5 | 56.3 |
| Std. Error | | | 0.5 | 0.3 | | | 1.2 | 0.3 | 0.2 | 0.7 | 0.2 | 1.2 |
| Number | | | 10 | 2 | | | 87 | 2 | 1 | 20 | 1 | 123 |
| All Fish | | | | | | | | | | | | |
| Sample Number | 1 | | 13 | 11 | | | 136 | 3 | 1 | 26 | 1 | 192 |
| Percent | 0.5 | | 6.8 | 5.7 | | | 70.8 | 1.6 | 0.5 | 13.5 | 0.5 | 100.0 |
| Std. Error | 0.2 | | 0.6 | 0.6 | | | 1.1 | 0.3 | 0.2 | 0.9 | 0.2 | |
| Number | 1 | | 15 | 12 | | | 155 | 3 | 1 | 30 | 1 | 218 |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | 2 | | 5 | 10 | | | 50 | 4 | | 7 | | 78 |
| Percent | 1.1 | | 2.8 | 5.7 | | | 28.4 | 2.3 | | 4.0 | | 44.3 |
| Std. Error | 0.2 | | 0.4 | 0.5 | | | 1.0 | 0.3 | | 0.4 | | 1.1 |
| Number | 2 | | 6 | 11 | | | 55 | 4 | | 8 | | 86 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 13 | 3 | | | 74 | | 1 | 7 | | 98 |
| Percent | | | 7.4 | 1.7 | | | 42.0 | | 0.6 | 4.0 | | 55.7 |
| Std. Error | | | 0.6 | 0.3 | | | 1.1 | | 0.2 | 0.4 | | 1.1 |
| Number | | | 14 | 3 | | | 81 | | 1 | 8 | | 107 |
| All Fish | | | | | | | | | | | | |
| Sample Number | 2 | | 18 | 13 | | | 124 | 4 | 1 | 14 | | 176 |
| Percent | 1.1 | | 10.2 | 7.4 | | | 70.5 | 2.3 | 0.6 | 8.0 | | 100.0 |
| Std. Error | 0.2 | | 0.7 | 0.6 | | | 1.0 | 0.3 | 0.2 | 0.6 | | |
| Number | 2 | | 20 | 14 | | | 136 | 4 | 1 | 16 | | 193 |

Appendix D.9 Age composition of sockeye salmon in the Canadian set gill net test catch in the lower Stikine River by sex, age class, and *fishing period*, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | | 1982 | | | 1981 | | | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | Total |
| Statistical Week 31 (July 26 - August 1) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | 1 | 2 | 11 | 12 | | | 52 | 3 | | 8 | | 89 |
| Percent | 0.5 | 1.0 | 5.6 | 6.1 | | | 26.5 | 1.5 | | 4.1 | | 45.4 |
| Std. Error | 0.1 | 0.2 | 0.5 | 0.5 | | | 0.9 | 0.3 | | 0.4 | | 1.0 |
| Number | 1 | 2 | 12 | 13 | | | 57 | 3 | | 9 | | 97 |
| Female | | | | | | | | | | | | |
| Sample Number | 1 | | 15 | 5 | | 1 | 79 | 1 | | 5 | | 107 |
| Percent | 0.5 | | 7.7 | 2.6 | | 0.5 | 40.3 | 0.5 | | 2.6 | | 54.6 |
| Std. Error | 0.1 | | 0.6 | 0.3 | | 0.1 | 1.0 | 0.1 | | 0.3 | | 1.0 |
| Number | 1 | | 16 | 5 | | 1 | 88 | 1 | | 5 | | 117 |
| All Fish | | | | | | | | | | | | |
| Sample Number | 2 | 2 | 26 | 17 | | 1 | 131 | 4 | | 13 | | 196 |
| Percent | 1.0 | 1.0 | 13.3 | 8.7 | | 0.5 | 66.8 | 2.0 | | 6.6 | | 100.0 |
| Std. Error | 0.2 | 0.2 | 0.7 | 0.6 | | 0.1 | 1.0 | 0.3 | | 0.5 | | |
| Number | 2 | 2 | 28 | 18 | | 1 | 145 | 4 | | 14 | | 214 |
| Statistical Week 32 (August 2 - 8) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | 1 | 6 | 22 | | | 50 | 1 | | 2 | | 82 |
| Percent | | 0.5 | 3.0 | 11.1 | | | 25.1 | 0.5 | | 1.0 | | 41.2 |
| Std. Error | | 0.2 | 0.5 | 0.8 | | | 1.1 | 0.2 | | 0.3 | | 1.3 |
| Number | | 1 | 7 | 26 | | | 58 | 1 | | 2 | | 95 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 15 | 6 | | | 85 | | 3 | 8 | | 117 |
| Percent | | | 7.5 | 3.0 | | | 42.7 | | 1.5 | 4.0 | | 58.8 |
| Std. Error | | | 0.7 | 0.5 | | | 1.3 | | 0.3 | 0.5 | | 1.3 |
| Number | | | 17 | 7 | | | 99 | | 3 | 10 | | 136 |
| All Fish | | | | | | | | | | | | |
| Sample Number | | 1 | 21 | 28 | | | 135 | 1 | 3 | 10 | | 199 |
| Percent | | 0.5 | 10.6 | 14.1 | | | 67.8 | 0.5 | 1.5 | 5.0 | | 100.0 |
| Std. Error | | 0.2 | 0.8 | 0.9 | | | 1.2 | 0.2 | 0.3 | 0.6 | | |
| Number | | 1 | 24 | 33 | | | 157 | 1 | 3 | 12 | | 231 |
| Statistical Week 33 (August 9 - 15) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | 1 | | 2 | 10 | 1 | | 20 | 1 | 2 | 5 | | 42 |
| Percent | 0.8 | | 1.7 | 8.5 | 0.8 | | 16.9 | 0.8 | 1.7 | 4.2 | | 35.6 |
| Std. Error | 0.3 | | 0.4 | 0.8 | 0.3 | | 1.1 | 0.3 | 0.4 | 0.6 | | 1.4 |
| Number | 1 | | 2 | 11 | 1 | | 23 | 1 | 2 | 6 | | 47 |
| Female | | | | | | | | | | | | |
| Sample Number | 1 | | 11 | 2 | | | 55 | | 1 | 6 | | 76 |
| Percent | 0.8 | | 9.3 | 1.7 | | | 46.6 | | 0.8 | 5.1 | | 64.4 |
| Std. Error | 0.3 | | 0.9 | 0.4 | | | 1.5 | | 0.3 | 0.7 | | 1.4 |
| Number | 1 | | 12 | 2 | | | 61 | | 1 | 7 | | 84 |
| All Fish 1/ | | | | | | | | | | | | |
| Sample Number | 2 | | 13 | 12 | 1 | | 76 | 1 | 3 | 11 | | 119 |
| Percent | 1.7 | | 10.9 | 10.1 | 0.8 | | 63.9 | 0.8 | 2.5 | 9.2 | | 100.0 |
| Std. Error | 0.4 | | 0.9 | 0.9 | 0.3 | | 1.4 | 0.3 | 0.5 | 0.8 | | |
| Number | 2 | | 14 | 13 | 1 | | 85 | 1 | 3 | 13 | | 132 |
| Statistical Weeks 34 - 37 (August 16 - Sept. 12) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | | 3 | 2 | 5 | | | 16 | 1 | | 3 | | 30 |
| Percent | | 4.8 | 3.2 | 7.9 | | | 25.4 | 1.6 | | 4.8 | | 47.6 |
| Std. Error | | 1.6 | 1.3 | 2.0 | | | 3.2 | 0.9 | | 1.6 | | 3.7 |
| Number | | 4 | 3 | 7 | | | 21 | 1 | | 4 | | 40 |
| Female | | | | | | | | | | | | |
| Sample Number | | | 5 | 4 | | | 21 | | 1 | 2 | | 33 |
| Percent | | | 7.9 | 6.3 | | | 33.3 | | 1.6 | 3.2 | | 52.4 |
| Std. Error | | | 2.0 | 1.8 | | | 3.5 | | 0.9 | 1.3 | | 3.7 |
| Number | | | 7 | 5 | | | 28 | | 1 | 3 | | 44 |
| All Fish 1/ | | | | | | | | | | | | |
| Sample Number | | 4 | 10 | 9 | | | 41 | 1 | 2 | 5 | | 72 |
| Percent | | 5.6 | 13.9 | 12.5 | | | 56.9 | 1.4 | 2.8 | 6.9 | | 100.0 |
| Std. Error | | 1.3 | 2.0 | 1.9 | | | 2.9 | 0.7 | 1.0 | 1.5 | | |
| Number | | 5 | 13 | 12 | | | 54 | 1 | 3 | 7 | | 95 |
| Combined Periods (Percentages are weighted by period catches) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | |
| Sample Number | 5 | 6 | 31 | 71 | 1 | | 308 | 12 | 2 | 41 | | 477 |
| Percent | 0.4 | 0.6 | 2.8 | 6.3 | 0.1 | | 27.1 | 1.1 | 0.2 | 3.6 | | 42.1 |
| Std. Error | 0.1 | 0.1 | 0.2 | 0.3 | <0.1 | | 0.5 | 0.1 | <0.1 | 0.2 | | 0.5 |
| Number | 5 | 7 | 36 | 81 | 1 | | 345 | 12 | 2 | 46 | | 535 |
| Female | | | | | | | | | | | | |
| Sample Number | 2 | | 72 | 23 | | 1 | 493 | 3 | 7 | 57 | 1 | 659 |
| Percent | 0.2 | | 6.4 | 2.1 | | 0.1 | 43.2 | 0.3 | 0.6 | 5.0 | 0.1 | 57.9 |
| Std. Error | <0.1 | | 0.3 | 0.2 | | <0.1 | 0.5 | <0.1 | 0.1 | 0.2 | <0.1 | 0.5 |
| Number | 2 | | 80 | 25 | | 1 | 551 | 3 | 7 | 65 | 1 | 735 |
| All Fish | | | | | | | | | | | | |
| Sample Number | 7 | 7 | 106 | 94 | 1 | 1 | 806 | 15 | 10 | 98 | 1 | 1146 |
| Percent | 0.6 | 0.7 | 9.4 | 8.3 | 0.1 | 0.1 | 70.0 | 1.3 | 0.9 | 8.5 | 0.1 | 100.0 |
| Std. Error | 0.1 | 0.1 | 0.3 | 0.3 | <0.1 | <0.1 | 0.5 | 0.1 | 0.1 | 0.3 | <0.1 | |
| Number | 7 | 8 | 119 | 106 | 1 | 1 | 902 | 15 | 11 | 112 | 1 | 1283 |

1/ Includes unsexed fish totals.

Appendix D.10 Length composition of sockeye salmon in the Canadian set gill net test catch in the lower Stikine River by sex, age class, and fishing period, 1987.

| | | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | | 1982 | | | 1981 | | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 |
| Statistical Week 26 (June 21 - 27) | | | | | | | | | | | | |
| Male | Avg. Length | | | 585 | | | | 631 | | | | |
| | Std. Error | | | | | | | 16.9 | | | | |
| | Sample Size | | | 1 | | | | 4 | | | | |
| Female | Avg. Length | | | | | | | 580 | | | | |
| | Std. Error | | | | | | | 3.5 | | | | |
| | Sample Size | | | | | | | 12 | | | | |
| All Fish | Avg. Length | | | 585 | | | | 593 | | | | |
| | Std. Error | | | | | | | 7.2 | | | | |
| | Sample Size | | | 1 | | | | 16 | | | | |
| Statistical Week 27 (June 28 - July 4) | | | | | | | | | | | | |
| Male | Avg. Length | | | | | | | 609 | | | | |
| | Std. Error | | | | | | | 11.6 | | | | |
| | Sample Size | | | | | | | 8 | | | | |
| Female | Avg. Length | | | 555 | 592 | | | 596 | | | 572 | |
| | Std. Error | | | | | | | 4.8 | | | | |
| | Sample Size | | | 1 | 1 | | | 12 | | | 1 | |
| All Fish | Avg. Length | | | 555 | 592 | | | 601 | | | 572 | |
| | Std. Error | | | | | | | 5.5 | | | | |
| | Sample Size | | | 1 | 1 | | | 20 | | | 1 | |
| Statistical Week 28 (July 5 - 11) | | | | | | | | | | | | |
| Male | Avg. Length | | | | 508 | | | 596 | 496 | | 599 | |
| | Std. Error | | | | 26.2 | | | 3.8 | | | 7.5 | |
| | Sample Size | | | | 3 | | | 45 | 1 | | 7 | |
| Female | Avg. Length | | | 549 | | | | 585 | | | 577 | |
| | Std. Error | | | 30.0 | | | | 2.1 | | | 6.4 | |
| | Sample Size | | | 2 | | | | 78 | | | 11 | |
| All Fish | Avg. Length | | | 549 | 508 | | | 589 | 496 | | 585 | |
| | Std. Error | | | 30.0 | 26.2 | | | 2.0 | | | 5.4 | |
| | Sample Size | | | 2 | 3 | | | 123 | 1 | | 18 | |
| Statistical Week 29 (July 12 - 18) | | | | | | | | | | | | |
| Male | Avg. Length | 451 | | 593 | 480 | | | 600 | | | 592 | |
| | Std. Error | | | 13.9 | 8.7 | | | 3.4 | | | 18.1 | |
| | Sample Size | 1 | | 3 | 9 | | | 55 | | | 6 | |
| Female | Avg. Length | | | 588 | 511 | | | 587 | 548 | 581 | 580 | 552 |
| | Std. Error | | | 6.2 | 2.5 | | | 2.3 | 5.0 | | 4.4 | |
| | Sample Size | | | 8 | 2 | | | 73 | 2 | 1 | 17 | 1 |
| All Fish | Avg. Length | 451 | | 589 | 485 | | | 593 | 548 | 581 | 583 | 552 |
| | Std. Error | | | 5.5 | 8.0 | | | 2.0 | 5.0 | | 5.5 | |
| | Sample Size | 1 | | 11 | 11 | | | 128 | 2 | 1 | 23 | 1 |
| Statistical Week 30 (July 19 - 25) | | | | | | | | | | | | |
| Male | Avg. Length | 491 | | 595 | 505 | | | 609 | 542 | | 608 | |
| | Std. Error | 8.0 | | 5.2 | 14.1 | | | 3.8 | 7.9 | | 6.8 | |
| | Sample Size | 2 | | 5 | 10 | | | 50 | 4 | | 7 | |
| Female | Avg. Length | | | 592 | 558 | | | 597 | | 633 | 601 | |
| | Std. Error | | | 3.6 | 10.4 | | | 2.8 | | | 5.2 | |
| | Sample Size | | | 13 | 3 | | | 74 | | 1 | 7 | |
| All Fish | Avg. Length | 491 | | 593 | 517 | | | 602 | 542 | 633 | 605 | |
| | Std. Error | 8.0 | | 2.9 | 12.7 | | | 2.3 | 7.9 | | 4.2 | |
| | Sample Size | 2 | | 18 | 13 | | | 124 | 4 | 1 | 14 | |

-Continued-

Appendix D.10 Length composition of sockeye salmon in the Canadian set gill net test catch in the lower Stikine River by sex, age class, and fishing period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | | 1982 | | | 1981 | | |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 |
| **Statistical Week 31 (July 26 - August 1)** | | | | | | | | | | | | |
| Male | Avg. Length | 585 | 360 | 586 | 530 | | | 617 | 568 | | 624 | |
| | Std. Error | | 23.5 | 7.3 | 19.0 | | | 2.9 | 20.1 | | 5.9 | |
| | Sample Size | 1 | 2 | 11 | 12 | | | 52 | 3 | | 8 | |
| Female | Avg. Length | 436 | | 579 | 536 | | 542 | 597 | 532 | | 606 | |
| | Std. Error | | | 5.8 | 11.9 | | | 2.0 | | | 17.1 | |
| | Sample Size | 1 | | 15 | 5 | | 1 | 79 | 1 | | 5 | |
| All Fish | Avg. Length | 511 | 360 | 582 | 532 | | 542 | 605 | 559 | | 617 | |
| | Std. Error | 74.5 | 23.5 | 4.5 | 13.6 | | | 1.9 | 16.8 | | 7.5 | |
| | Sample Size | 2 | 2 | 26 | 17 | | 1 | 131 | 4 | | 13 | |
| **Statistical Week 32 (August 2 - 8)** | | | | | | | | | | | | |
| Male | Avg. Length | | 340 | 607 | 506 | | | 610 | 541 | | 603 | |
| | Std. Error | | | 8.6 | 13.0 | | | 3.5 | | | 41.0 | |
| | Sample Size | | 1 | 6 | 22 | | | 50 | 1 | | 2 | |
| Female | Avg. Length | | | 594 | 519 | | | 598 | | 613 | 588 | |
| | Std. Error | | | 5.3 | 11.9 | | | 2.0 | | 6.6 | 6.6 | |
| | Sample Size | | | 15 | 6 | | | 85 | | 3 | 8 | |
| All Fish | Avg. Length | | 340 | 598 | 508 | | | 603 | 541 | 613 | 591 | |
| | Std. Error | | | 4.6 | 10.5 | | | 1.9 | | 6.6 | 8.3 | |
| | Sample Size | | 1 | 21 | 28 | | | 135 | 1 | 3 | 10 | |
| **Statistical Week 33 (August 9 - 15)** | | | | | | | | | | | | |
| Male | Avg. Length | 455 | | 585 | 500 | 377 | | 618 | 538 | 662 | 614 | |
| | Std. Error | | | 4.5 | 10.4 | | | 4.6 | | 19.0 | 8.4 | |
| | Sample Size | 1 | | 2 | 10 | 1 | | 20 | 1 | 2 | 5 | |
| Female | Avg. Length | 598 | | 588 | 532 | | | 597 | | 596 | 613 | |
| | Std. Error | | | 8.3 | 1.0 | | | 3.9 | | | 6.3 | |
| | Sample Size | 1 | | 11 | 2 | | | 55 | | 1 | 6 | |
| All Fish | Avg. Length | 527 | | 588 | 505 | 377 | | 603 | 538 | 640 | 613 | |
| | Std. Error | 71.5 | | 7.0 | 9.3 | | | 3.3 | | 24.6 | 4.9 | |
| | Sample Size | 2 | | 13 | 12 | 1 | | 75 | 1 | 3 | 11 | |
| **Statistical Weeks 34 - 37 (August 16 - Sept. 12)** | | | | | | | | | | | | |
| Male | Avg. Length | | 356 | 596 | 563 | | | 609 | 550 | | 608 | |
| | Std. Error | | 5.0 | 19.5 | 34.9 | | | 6.0 | | | 4.0 | |
| | Sample Size | | 3 | 2 | 5 | | | 16 | 1 | | 3 | |
| Female | Avg. Length | | | 588 | 519 | | | 581 | | 662 | 583 | |
| | Std. Error | | | 8.7 | 21.6 | | | 5.4 | | | 10.5 | |
| | Sample Size | | | 5 | 4 | | | 21 | | 1 | 2 | |
| All Fis.. 1/ | Avg. Length | | 352 | 587 | 543 | | | 593 | 550 | 618 | 598 | |
| | Std. Error | | 5.4 | 6.7 | 21.9 | | | 4.4 | | 44.0 | 7.4 | |
| | Sample Size | | 4 | 10 | 9 | | | 41 | 1 | 2 | 5 | |
| **Combined Periods (Unweighted)** | | | | | | | | | | | | |
| Male | Avg. Length | 495 | 355 | 593 | 510 | 377 | | 608 | 545 | 662 | 608 | |
| | Std. Error | 24.3 | 7.1 | 3.8 | 6.6 | | | 1.5 | 8.1 | 19.0 | 4.2 | |
| | Sample Size | 5 | 6 | 30 | 71 | 1 | | 300 | 11 | 2 | 38 | |
| Female | Avg. Length | 517 | | 587 | 531 | | 542 | 593 | 543 | 616 | 589 | 552 |
| | Std. Error | 81.0 | | 2.7 | 6.6 | | | 1.0 | 6.1 | 10.1 | 3.0 | |
| | Sample Size | 2 | | 70 | 23 | | 1 | 489 | 3 | 7 | 57 | 1 |
| All Fish 1/ | Avg. Length | 501 | 352 | 588 | 515 | 377 | 542 | 599 | 545 | 621 | 596 | 552 |
| | Std. Error | 24.7 | 6.4 | 2.2 | 5.3 | | | 0.9 | 6.4 | 11.0 | 2.7 | |
| | Sample Size | 7 | 7 | 103 | 94 | 1 | 1 | 793 | 14 | 10 | 95 | 1 |

1/ Includes unsexed fish totals.

Appendix D.11 Age composition of sockeye salmon in the District 111 gill net test fishery catch by sex, age class, and fishing period, 1987.

| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | | 1981 | | |
| | 0.2 | 0.3 | 1.2 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| **Statistical Week 28 (July 5 - 11)** | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | | 3 | 3 | | 26 | | | 4 | 36 |
| Percent | | 4.5 | 4.5 | | 38.8 | | | 6.0 | 53.7 |
| Std. Error | | 2.0 | 2.0 | | 4.6 | | | 2.3 | 4.7 |
| Number | | 7 | 7 | | 64 | | | 11 | 89 |
| Female | | | | | | | | | |
| Sample Number | | 1 | 1 | | 26 | | | 3 | 31 |
| Percent | | 1.5 | 1.5 | | 38.8 | | | 4.5 | 46.3 |
| Std. Error | | 1.2 | 1.2 | | 4.6 | | | 2.0 | 4.7 |
| Number | | 3 | 3 | | 64 | | | 7 | 77 |
| All Fish | | | | | | | | | |
| Sample Number | | 4 | 4 | | 52 | | | 7 | 67 |
| Percent | | 6.0 | 6.0 | | 77.6 | | | 10.4 | 100.0 |
| Std. Error | | 2.3 | 2.3 | | 4.0 | | | 2.9 | |
| Number | | 10 | 10 | | 128 | | | 18 | 166 |
| **Statistical Week 29 (July 12 - 18)** | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 1 | 31 | 13 | | 163 | 2 | | 13 | 223 |
| Percent | 0.2 | 7.5 | 3.1 | | 39.4 | 0.5 | | 3.1 | 53.9 |
| Std. Error | 0.1 | 0.6 | 0.4 | | 1.2 | 0.2 | | 0.4 | 1.2 |
| Number | 1 | 41 | 17 | | 214 | 3 | | 17 | 293 |
| Female | | | | | | | | | |
| Sample Number | | 30 | | 1 | 143 | | 1 | 16 | 191 |
| Percent | | 7.2 | | 0.2 | 34.5 | | 0.2 | 3.9 | 46.1 |
| Std. Error | | 0.6 | | 0.1 | 1.1 | | 0.1 | 0.5 | 1.2 |
| Number | | 39 | | 1 | 189 | | 1 | 21 | 251 |
| All Fish | | | | | | | | | |
| Sample Number | 1 | 61 | 13 | 1 | 306 | 2 | 1 | 29 | 414 |
| Percent | 0.2 | 14.7 | 3.1 | 0.2 | 73.9 | 0.5 | 0.2 | 7.0 | 100.0 |
| Std. Error | 0.1 | 0.9 | 0.4 | 0.1 | 1.1 | 0.2 | 0.1 | 0.6 | |
| Number | 1 | 80 | 17 | 1 | 403 | 3 | 1 | 38 | 544 |
| **Statistical Week 30 (July 19 - 25)** | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 1 | 42 | 13 | | 84 | 2 | 1 | 11 | 154 |
| Percent | 0.3 | 13.5 | 4.2 | | 27.0 | 0.6 | 0.3 | 3.5 | 49.5 |
| Std. Error | 0.1 | 0.9 | 0.5 | | 1.1 | 0.2 | 0.1 | 0.5 | 1.3 |
| Number | 1 | 53 | 15 | | 106 | 3 | 1 | 14 | 193 |
| Female | | | | | | | | | |
| Sample Number | | 36 | 1 | 1 | 105 | | 3 | 11 | 157 |
| Percent | | 11.6 | 0.3 | 0.3 | 33.8 | | 1.0 | 3.5 | 50.5 |
| Std. Error | | 0.8 | 0.1 | 0.1 | 1.2 | | 0.3 | 0.5 | 1.3 |
| Number | | 45 | 1 | 1 | 132 | | 4 | 14 | 197 |
| All Fish 1/ | | | | | | | | | |
| Sample Number | 1 | 78 | 14 | 1 | 189 | 2 | 4 | 23 | 312 |
| Percent | 0.3 | 25.0 | 4.5 | 0.3 | 60.6 | 0.6 | 1.3 | 7.4 | 100.0 |
| Std. Error | 0.1 | 1.1 | 0.5 | 0.1 | 1.3 | 0.2 | 0.3 | 0.7 | |
| Number | 1 | 98 | 16 | 1 | 238 | 3 | 5 | 30 | 392 |
| **Statistical Weeks 31 - 38 (July 26 - Sept. 19)** | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 1 | 40 | 13 | 1 | 91 | 1 | | 2 | 149 |
| Percent | 0.4 | 15.0 | 4.9 | 0.4 | 34.1 | 0.4 | | 0.7 | 55.8 |
| Std. Error | 0.2 | 0.9 | 0.6 | 0.2 | 1.3 | 0.2 | | 0.2 | 1.3 |
| Number | 1 | 49 | 16 | 1 | 112 | 1 | | 3 | 183 |
| Female | | | | | | | | | |
| Sample Number | | 20 | 2 | | 91 | | | 5 | 118 |
| Percent | | 7.5 | 0.7 | | 34.1 | | | 1.9 | 44.2 |
| Std. Error | | 0.7 | 0.2 | | 1.3 | | | 0.4 | 1.3 |
| Number | | 25 | 2 | | 112 | | | 6 | 145 |
| All Fish | | | | | | | | | |
| Sample Number | 1 | 60 | 15 | 1 | 182 | 1 | | 7 | 267 |
| Percent | 0.4 | 22.5 | 5.6 | 0.4 | 68.2 | 0.4 | | 2.6 | 100.0 |
| Std. Error | 0.2 | 1.1 | 0.6 | 0.2 | 1.2 | 0.2 | | 0.4 | |
| Number | 1 | 74 | 18 | 1 | 224 | 1 | | 9 | 328 |
| **Combined Periods (Percentages are weighted by period catches)** | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 3 | 116 | 42 | 1 | 364 | 5 | 1 | 30 | 562 |
| Percent | 0.3 | 10.5 | 4.0 | 0.1 | 34.7 | 0.4 | 0.1 | 3.0 | 53.1 |
| Std. Error | 0.1 | 0.5 | 0.3 | <0.1 | 0.8 | 0.1 | <0.1 | 0.3 | 0.9 |
| Number | 3 | 150 | 55 | 1 | 496 | 7 | 1 | 45 | 758 |
| Female | | | | | | | | | |
| Sample Number | | 87 | 4 | 2 | 365 | | 4 | 35 | 497 |
| Percent | | 7.8 | 0.4 | 0.2 | 34.7 | | 0.4 | 3.4 | 46.9 |
| Std. Error | | 0.4 | 0.1 | 0.1 | 0.8 | | 0.1 | 0.3 | 0.9 |
| Number | | 112 | 6 | 2 | 497 | | 5 | 48 | 670 |
| All Fish 1/ | | | | | | | | | |
| Sample Number | 3 | 203 | 46 | 3 | 729 | 5 | 5 | 66 | 1060 |
| Percent | 0.3 | 18.3 | 4.4 | 0.3 | 69.4 | 0.4 | 0.4 | 6.5 | 100.0 |
| Std. Error | 0.1 | 0.6 | 0.4 | 0.1 | 0.8 | 0.1 | 0.1 | 0.5 | |
| Number | 3 | 262 | 61 | 3 | 993 | 7 | 6 | 95 | 1430 |

1/ Includes unsexed fish totals.

Appendix E.1 Age composition of sockeye salmon in the Hugh Smith Lake escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | | | 1980 | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 | Total |
| Escapement Dates: | (June 8 - 27) | | | | | | | | | |
| Sample Dates: | (June 8 - 26) | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | | | 142 | 3 | | | | | 145 |
| Percent | | | | 66.4 | 1.4 | | | | | 67.8 |
| Std. Error | | | | 1.0 | 0.3 | | | | | 1.0 |
| Number | | | | 158 | 3 | | | | | 161 |
| Female | | | | | | | | | | |
| Sample Number | | | | 68 | 1 | | | | | 69 |
| Percent | | | | 31.8 | 0.5 | | | | | 32.2 |
| Std. Error | | | | 1.0 | 0.2 | | | | | 1.0 |
| Number | | | | 76 | 1 | | | | | 77 |
| All Fish 1/ | | | | | | | | | | |
| Sample Number | | | | 211 | 4 | | | | | 215 |
| Percent | | | | 98.1 | 1.9 | | | | | 100.0 |
| Std. Error | | | | 0.3 | 0.3 | | | | | |
| Number | | | | 235 | 4 | | | | | 239 |
| Escapement Dates: | (June 28 - July 4) | | | | | | | | | |
| Sample Dates: | (July 1 - 4) | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | | | 133 | 3 | | | | | 136 |
| Percent | | | | 60.2 | 1.4 | | | | | 61.5 |
| Std. Error | | | | 1.4 | 0.3 | | | | | 1.4 |
| Number | | | | 162 | 4 | | | | | 166 |
| Female | | | | | | | | | | |
| Sample Number | | 2 | | 79 | 2 | | 2 | | | 85 |
| Percent | | 0.9 | | 35.7 | 0.9 | | 0.9 | | | 38.5 |
| Std. Error | | 0.3 | | 1.4 | 0.3 | | 0.3 | | | 1.4 |
| Number | | 2 | | 97 | 2 | | 2 | | | 103 |
| All Fish | | | | | | | | | | |
| Sample Number | | 2 | | 212 | 5 | | 2 | | | 221 |
| Percent | | 0.9 | | 95.9 | 2.3 | | 0.9 | | | 100.0 |
| Std. Error | | 0.3 | | 0.6 | 0.4 | | 0.3 | | | |
| Number | | 2 | | 259 | 6 | | 2 | | | 269 |
| Escapement Dates: | (July 5 - 11) | | | | | | | | | |
| Sample Dates: | (July 5 - 11) | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 1 | 4 | | 224 | 6 | | 2 | | | 237 |
| Percent | 0.2 | 0.8 | | 46.6 | 1.2 | | 0.4 | | | 49.3 |
| Std. Error | 0.1 | 0.2 | | 1.4 | 0.3 | | 0.2 | | | 1.4 |
| Number | 2 | 6 | | 348 | 9 | | 3 | | | 368 |
| Female | | | | | | | | | | |
| Sample Number | | 1 | | 237 | 4 | | 2 | | | 244 |
| Percent | | 0.2 | | 49.3 | 0.8 | | 0.4 | | | 50.7 |
| Std. Error | | 0.1 | | 1.4 | 0.2 | | 0.2 | | | 1.4 |
| Number | | 2 | | 369 | 6 | | 3 | | | 380 |
| All Fish 1/ | | | | | | | | | | |
| Sample Number | 1 | 5 | | 461 | 10 | | 4 | | | 481 |
| Percent | 0.2 | 1.0 | | 95.8 | 2.1 | | 0.8 | | | 100.0 |
| Std. Error | 0.1 | 0.3 | | 0.5 | 0.4 | | 0.2 | | | |
| Number | 2 | 8 | | 717 | 15 | | 6 | | | 748 |
| Escapement Dates: | (July 12 - 18) | | | | | | | | | |
| Sample Dates: | (July 12 - 18) | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | 6 | | 262 | 11 | | 2 | 1 | | 282 |
| Percent | | 1.0 | | 44.7 | 1.9 | | 0.3 | 0.2 | | 48.1 |
| Std. Error | | 0.4 | | 1.8 | 0.5 | | 0.2 | 0.1 | | 1.8 |
| Number | | 25 | | 1073 | 45 | | 8 | 4 | | 1155 |
| Female | | | | | | | | | | |
| Sample Number | | 9 | | 288 | 5 | | 2 | | | 304 |
| Percent | | 1.5 | | 49.1 | 0.9 | | 0.3 | | | 51.9 |
| Std. Error | | 0.4 | | 1.8 | 0.3 | | 0.2 | | | 1.8 |
| Number | | 37 | | 1180 | 20 | | 8 | | | 1245 |
| All Fish | | | | | | | | | | |
| Sample Number | | 15 | | 550 | 16 | | 4 | 1 | | 586 |
| Percent | | 2.6 | | 93.9 | 2.7 | | 0.7 | 0.2 | | 100.0 |
| Std. Error | | 0.6 | | 0.9 | 0.6 | | 0.3 | 0.1 | | |
| Number | | 62 | | 2253 | 65 | | 16 | 4 | | 2400 |

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Appendix E.1 Age composition of sockeye salmon in the Hugh Smith Lake escapement by sex, age class, and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | | | 1980 | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 | Total |
| Escapement Dates: | (July 19 - 25) | | | | | | | | | |
| Sample Dates: | (July 19 - 25) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | 2 | 8 | | 256 | 11 | 1 | | | | 278 |
| Percent | 0.4 | 1.5 | | 48.0 | 2.1 | 0.2 | | | | 52.2 |
| Std. Error | 0.3 | 0.5 | | 2.1 | 0.6 | 0.2 | | | | 2.1 |
| Number | 35 | 139 | | 4444 | 191 | 17 | | | | 4826 |
| **Female** | | | | | | | | | | |
| Sample Number | | 4 | | 247 | 4 | | | | | 255 |
| Percent | | 0.8 | | 46.3 | 0.8 | | | | | 47.8 |
| Std. Error | | 0.4 | | 2.1 | 0.4 | | | | | 2.1 |
| Number | | 69 | | 4288 | 69 | | | | | 4426 |
| **All Fish** | | | | | | | | | | |
| Sample Number | 2 | 12 | | 503 | 15 | 1 | | | | 533 |
| Percent | 0.4 | 2.3 | | 94.4 | 2.8 | 0.2 | | | | 100.0 |
| Std. Error | 0.3 | 0.6 | | 1.0 | 0.7 | 0.2 | | | | |
| Number | 35 | 208 | | 8732 | 260 | 17 | | | | 9252 |
| Escapement Dates: | (July 26 - August 1) | | | | | | | | | |
| Sample Dates: | (July 26 - August 1) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | | 5 | | 208 | 5 | | 1 | 1 | | 220 |
| Percent | | 1.1 | | 45.8 | 1.1 | | 0.2 | 0.2 | | 48.5 |
| Std. Error | | 0.5 | | 2.2 | 0.5 | | 0.2 | 0.2 | | 2.2 |
| Number | | 33 | | 1357 | 33 | | 7 | 7 | | 1437 |
| **Female** | | | | | | | | | | |
| Sample Number | 1 | 2 | | 223 | 5 | | 2 | 1 | | 234 |
| Percent | 0.2 | 0.4 | | 49.1 | 1.1 | | 0.4 | 0.2 | | 51.5 |
| Std. Error | 0.2 | 0.3 | | 2.2 | 0.5 | | 0.3 | 0.2 | | 2.2 |
| Number | 7 | 13 | | 1456 | 33 | | 13 | 7 | | 1529 |
| **All Fish** | | | | | | | | | | |
| Sample Number | 1 | 7 | | 431 | 10 | | 3 | 2 | | 454 |
| Percent | 0.2 | 1.5 | | 94.9 | 2.2 | | 0.7 | 0.4 | | 100.0 |
| Std. Error | 0.2 | 0.5 | | 0.9 | 0.6 | | 0.4 | 0.3 | | |
| Number | 7 | 46 | | 2813 | 66 | | 20 | 14 | | 2966 |
| Escapement Dates: | (August 2 - 8) | | | | | | | | | |
| Sample Dates: | (August 2 - 8) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | | 2 | | 180 | 4 | | | | | 186 |
| Percent | | 0.6 | | 53.9 | 1.2 | | | | | 55.7 |
| Std. Error | | 0.4 | | 2.4 | 0.5 | | | | | 2.4 |
| Number | | 9 | | 802 | 18 | | | | | 829 |
| **Female** | | | | | | | | | | |
| Sample Number | | 2 | | 144 | | | 2 | | | 148 |
| Percent | | 0.6 | | 43.1 | | | 0.6 | | | 44.3 |
| Std. Error | | 0.4 | | 2.4 | | | 0.4 | | | 2.4 |
| Number | | 9 | | 642 | | | 9 | | | 660 |
| **All Fish** | | | | | | | | | | |
| Sample Number | | 4 | | 324 | 4 | | 2 | | | 334 |
| Percent | | 1.2 | | 97.0 | 1.2 | | 0.6 | | | 100.0 |
| Std. Error | | 0.5 | | 0.8 | 0.5 | | 0.4 | | | |
| Number | | 18 | | 1444 | 18 | | 9 | | | 1489 |
| Escapement Dates: | (August 9 - 22) | | | | | | | | | |
| Sample Dates: | (August 9 - 22) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | | 1 | | 75 | 2 | | | | | 78 |
| Percent | | 0.6 | | 42.6 | 1.1 | | | | | 44.3 |
| Std. Error | | 0.6 | | 3.7 | 0.8 | | | | | 3.7 |
| Number | | 22 | | 1653 | 44 | | | | | 1719 |
| **Female** | | | | | | | | | | |
| Sample Number | | | | 94 | 3 | | 1 | | | 98 |
| Percent | | | | 53.4 | 1.7 | | 0.6 | | | 55.7 |
| Std. Error | | | | 3.7 | 1.0 | | 0.6 | | | 3.7 |
| Number | | | | 2072 | 66 | | 22 | | | 2160 |
| **All Fish** | | | | | | | | | | |
| Sample Number | | 1 | | 169 | 5 | | 1 | | | 176 |
| Percent | | 0.6 | | 96.0 | 2.8 | | 0.6 | | | 100.0 |
| Std. Error | | 0.6 | | 1.4 | 1.2 | | 0.6 | | | |
| Number | | 22 | | 3725 | 110 | | 22 | | | 3879 |

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Appendix E.1 Age composition of sockeye salmon in the Hugh Smith Lake escapement by sex, age class, and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | | | 1980 | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 | Total |
| Escapement Dates: | (August 23 - 29) | | | | | | | | | |
| Sample Dates: | (August 23 - 29) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | | 2 | 3 | 99 | 1 | | 3 | | | 108 |
| Percent | | 0.7 | 1.1 | 36.3 | 0.4 | | 1.1 | | | 39.6 |
| Std. Error | | 0.5 | 0.6 | 2.6 | 0.3 | | 0.6 | | | 2.7 |
| Number | | 11 | 16 | 540 | 5 | | 16 | | | 588 |
| **Female** | | | | | | | | | | |
| Sample Number | 2 | 2 | 5 | 149 | 4 | | 3 | | | 165 |
| Percent | 0.7 | 0.7 | 1.8 | 54.6 | 1.5 | | 1.1 | | | 60.4 |
| Std. Error | 0.5 | 0.5 | 0.7 | 2.7 | 0.7 | | 0.6 | | | 2.7 |
| Number | 11 | 11 | 27 | 812 | 22 | | 16 | | | 899 |
| **All Fish** | | | | | | | | | | |
| Sample Number | 2 | 4 | 8 | 248 | 5 | | 6 | | | 273 |
| Percent | 0.7 | 1.5 | 2.9 | 90.8 | 1.8 | | 2.2 | | | 100.0 |
| Std. Error | 0.5 | 0.7 | 0.9 | 1.6 | 0.7 | | 0.8 | | | |
| Number | 11 | 22 | 43 | 1352 | 27 | | 32 | | | 1487 |
| Escapement Dates: | (August 30 - Sept. 5) | | | | | | | | | |
| Sample Dates: | (August 30 - Sept. 5) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | 2 | 1 | | 48 | 1 | | 4 | | | 56 |
| Percent | 1.0 | 0.5 | | 24.6 | 0.5 | | 2.1 | | | 28.7 |
| Std. Error | 0.7 | 0.5 | | 3.1 | 0.5 | | 1.0 | | | 3.2 |
| Number | 90 | 45 | | 2160 | 45 | | 180 | | | 2520 |
| **Female** | | | | | | | | | | |
| Sample Number | | 3 | 1 | 116 | 4 | | 14 | | 1 | 139 |
| Percent | | 1.5 | 0.5 | 59.5 | 2.1 | | 7.2 | | 0.5 | 71.3 |
| Std. Error | | 0.9 | 0.5 | 3.5 | 1.0 | | 1.8 | | 0.5 | 3.2 |
| Number | | 135 | 45 | 5219 | 180 | | 630 | | 45 | 6254 |
| **All Fish** | | | | | | | | | | |
| Sample Number | 2 | 4 | 1 | 164 | 5 | | 18 | | 1 | 195 |
| Percent | 1.0 | 2.1 | 0.5 | 84.1 | 2.6 | | 9.2 | | 0.5 | 100.0 |
| Std. Error | 0.7 | 1.0 | 0.5 | 2.6 | 1.1 | | 2.1 | | 0.5 | |
| Number | 90 | 180 | 45 | 7379 | 225 | | 810 | | 45 | 8774 |
| Escapement Dates: | (Sept. 6 - 12) | | | | | | | | | |
| Sample Dates: | (Sept. 6 - 12) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | 1 | 6 | 4 | 20 | 8 | | 30 | 1 | | 70 |
| Percent | 0.4 | 2.7 | 1.8 | 8.9 | 3.6 | | 13.4 | 0.4 | | 31.3 |
| Std. Error | 0.4 | 1.0 | 0.8 | 1.7 | 1.1 | | 2.0 | 0.4 | | 2.8 |
| Number | 5 | 30 | 20 | 101 | 41 | | 151 | 5 | | 353 |
| **Female** | | | | | | | | | | |
| Sample Number | | 2 | 3 | 29 | 28 | | 90 | | 2 | 154 |
| Percent | | 0.9 | 1.3 | 12.9 | 12.5 | | 40.2 | | 0.9 | 68.8 |
| Std. Error | | 0.6 | 0.7 | 2.0 | 2.0 | | 2.9 | | 0.6 | 2.8 |
| Number | | 10 | 15 | 146 | 142 | | 455 | | 10 | 778 |
| **All Fish** | | | | | | | | | | |
| Sample Number | 1 | 8 | 7 | 49 | 36 | | 120 | 1 | 2 | 224 |
| Percent | 0.4 | 3.6 | 3.1 | 21.9 | 16.1 | | 53.6 | 0.4 | 0.9 | 100.0 |
| Std. Error | 0.4 | 1.1 | 1.0 | 2.5 | 2.2 | | 3.0 | 0.4 | 0.6 | |
| Number | 5 | 40 | 35 | 247 | 183 | | 606 | 5 | 10 | 1131 |
| Escapement Dates: | (Sept. 13 - October 4) | | | | | | | | | |
| Sample Dates: | (Sept. 13 - October 4) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | | 3 | 2 | 22 | 11 | | 37 | | 1 | 76 |
| Percent | | 1.5 | 1.0 | 11.2 | 5.6 | | 18.9 | | 0.5 | 38.8 |
| Std. Error | | 0.6 | 0.5 | 1.5 | 1.1 | | 1.8 | | 0.3 | 2.3 |
| Number | | 5 | 4 | 39 | 19 | | 64 | | 2 | 133 |
| **Female** | | | | | | | | | | |
| Sample Number | | 1 | | 30 | 6 | | 81 | | 2 | 120 |
| Percent | | 0.5 | | 15.3 | 3.1 | | 41.3 | | 1.0 | 61.2 |
| Std. Error | | 0.3 | | 1.7 | 0.8 | | 2.3 | | 0.5 | 2.3 |
| Number | | 2 | | 52 | 11 | | 142 | | 4 | 211 |
| **All Fish** | | | | | | | | | | |
| Sample Number | | 4 | 2 | 52 | 17 | | 118 | | 3 | 196 |
| Percent | | 2.0 | 1.0 | 26.5 | 8.7 | | 60.2 | | 1.5 | 100.0 |
| Std. Error | | 0.7 | 0.5 | 2.1 | 1.3 | | 2.3 | | 0.6 | |
| Number | | 7 | 4 | 91 | 30 | | 206 | | 6 | 344 |
| Combined Periods (Percentages are weighted by period escapements) | | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | 6 | 38 | 9 | 1669 | 66 | 1 | 79 | 3 | 1 | 1872 |
| Percent | 0.4 | 1.0 | 0.1 | 38.9 | 1.4 | 0.1 | 1.3 | <0.1 | <0.1 | 43.2 |
| Std. Error | 0.2 | 0.2 | <0.1 | 1.1 | 0.2 | 0.1 | 0.3 | <0.1 | <0.1 | 1.2 |
| Number | 132 | 325 | 40 | 12837 | 457 | 17 | 429 | 16 | 2 | 14255 |
| **Female** | | | | | | | | | | |
| Sample Number | 3 | 28 | 9 | 1704 | 66 | | 199 | 1 | 5 | 2015 |
| Percent | 0.1 | 0.9 | 0.3 | 49.8 | 1.7 | | 3.9 | <0.1 | 0.2 | 56.8 |
| Std. Error | <0.1 | 0.3 | 0.1 | 1.2 | 0.3 | | 0.5 | <0.1 | 0.1 | 1.2 |
| Number | 18 | 290 | 87 | 16409 | 552 | | 1300 | 7 | 59 | 18722 |
| **All Fish 1/** | | | | | | | | | | |
| Sample Number | 9 | 66 | 18 | 3374 | 132 | 1 | 278 | 4 | 6 | 3888 |
| Percent | 0.5 | 1.9 | 0.4 | 88.7 | 3.1 | 0.1 | 5.2 | 0.1 | 0.2 | 100.0 |
| Std. Error | 0.2 | 0.3 | 0.1 | 0.8 | 0.4 | 0.1 | 0.6 | <0.1 | 0.1 | |
| Number | 150 | 615 | 127 | 29247 | 1009 | 17 | 1729 | 23 | 61 | 32978 |

1/ Includes unsexed fish totals.

Appendix E.2 Length composition of sockeye salmon in the Hugh Smith Lake escapement by sex, age class, and escapement period, 1987.

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | | | 1980 |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 |
| Escapement Dates: (June 8 - 27) | | | | | | | | | | |
| Sample Dates: (June 8 - 26) | | | | | | | | | | |
| Male | Avg. Length | | | | 600 | 523 | | | | |
| | Std. Error | | | | 1.8 | 10.9 | | | | |
| | Sample Size | | | | 142 | 3 | | | | |
| Female | Avg. Length | | | | 594 | 535 | | | | |
| | Std. Error | | | | 2.1 | | | | | |
| | Sample Size | | | | 68 | 1 | | | | |
| All Fish | Avg. Length | | | | 598 | 526 | | | | |
| | Std. Error | | | | 1.4 | 8.3 | | | | |
| | Sample Size | | | | 210 | 4 | | | | |
| Escapement Dates: (June 28 - July 4) | | | | | | | | | | |
| Sample Dates: (July 1 - 4) | | | | | | | | | | |
| Male | Avg. Length | | | | 600 | 483 | | | | |
| | Std. Error | | | | 1.8 | 13.3 | | | | |
| | Sample Size | | | | 133 | 3 | | | | |
| Female | Avg. Length | | 553 | | 591 | 535 | | 548 | | |
| | Std. Error | | 52.5 | | 2.2 | 50.0 | | 12.5 | | |
| | Sample Size | | 2 | | 79 | 2 | | 2 | | |
| All Fish | Avg. Length | | 553 | | 596 | 504 | | 548 | | |
| | Std. Error | | 52.5 | | 1.4 | 21.5 | | 12.5 | | |
| | Sample Size | | 2 | | 212 | 5 | | 2 | | |
| Escapement Dates: (July 5 - 11) | | | | | | | | | | |
| Sample Dates: (July 5 - 11) | | | | | | | | | | |
| Male | Avg. Length | 355 | 506 | | 598 | 483 | | 555 | | |
| | Std. Error | | 12.8 | | 1.4 | 10.2 | | 10.0 | | |
| | Sample Size | 1 | 4 | | 224 | 6 | | 2 | | |
| Female | Avg. Length | | 550 | | 589 | 526 | | 578 | | |
| | Std. Error | | | | 1.1 | 13.1 | | 2.5 | | |
| | Sample Size | | 1 | | 237 | 4 | | 2 | | |
| All Fish | Avg. Length | 355 | 515 | | 594 | 500 | | 566 | | |
| | Std. Error | | 13.2 | | 0.9 | 10.4 | | 7.7 | | |
| | Sample Size | 1 | 5 | | 461 | 10 | | 4 | | |
| Escapement Dates: (July 12 - 18) | | | | | | | | | | |
| Sample Dates: (July 12 - 18) | | | | | | | | | | |
| Male | Avg. Length | | 454 | | 597 | 500 | | 578 | 510 | |
| | Std. Error | | 6.8 | | 1.3 | 15.1 | | 22.5 | | |
| | Sample Size | | 6 | | 262 | 11 | | 2 | 1 | |
| Female | Avg. Length | | 542 | | 586 | 547 | | 588 | | |
| | Std. Error | | 19.0 | | 1.3 | 2.5 | | 2.5 | | |
| | Sample Size | | 9 | | 288 | 5 | | 2 | | |
| All Fish | Avg. Length | | 507 | | 591 | 515 | | 583 | 510 | |
| | Std. Error | | 16.2 | | 0.9 | 11.6 | | 9.7 | | |
| | Sample Size | | 15 | | 550 | 16 | | 4 | 1 | |
| Escapement Dates: (July 19 - 25) | | | | | | | | | | |
| Sample Dates: (July 19 - 25) | | | | | | | | | | |
| Male | Avg. Length | 353 | 551 | | 600 | 524 | 605 | | | |
| | Std. Error | 2.5 | 20.3 | | 1.4 | 9.0 | | | | |
| | Sample Size | 2 | 8 | | 256 | 11 | 1 | | | |
| Female | Avg. Length | | 570 | | 591 | 523 | | | | |
| | Std. Error | | 16.2 | | 1.3 | 7.8 | | | | |
| | Sample Size | | 4 | | 247 | 4 | | | | |
| All Fish | Avg. Length | 353 | 558 | | 596 | 523 | 605 | | | |
| | Std. Error | 2.5 | 14.4 | | 1.0 | 6.8 | | | | |
| | Sample Size | 2 | 12 | | 503 | 15 | 1 | | | |
| Escapement Dates: (July 26 - August 1) | | | | | | | | | | |
| Sample Dates: (July 26 - 31) | | | | | | | | | | |
| Male | Avg. Length | | 547 | | 600 | 523 | | 535 | 540 | |
| | Std. Error | | 34.0 | | 1.3 | 16.6 | | | | |
| | Sample Size | | 5 | | 208 | 5 | | 1 | 1 | |
| Female | Avg. Length | 330 | 530 | | 592 | 531 | | 585 | 535 | |
| | Std. Error | | 15.0 | | 1.3 | 8.9 | | | | |
| | Sample Size | 1 | 2 | | 223 | 5 | | 2 | 1 | |
| All Fish | Avg. Length | 330 | 542 | | 596 | 527 | | 568 | 538 | |
| | Std. Error | | 23.9 | | 1.0 | 9.0 | | 16.7 | 2.5 | |
| | Sample Size | 1 | 7 | | 431 | 10 | | 3 | 2 | |
| Escapement Dates: (August 2 - 8) | | | | | | | | | | |
| Sample Dates: (August 2 - 8) | | | | | | | | | | |
| Male | Avg. Length | | 505 | | 605 | 504 | | | | |
| | Std. Error | | 5.0 | | 1.7 | 12.8 | | | | |
| | Sample Size | | 2 | | 180 | 4 | | | | |
| Female | Avg. Length | | 558 | | 585 | | | 580 | | |
| | Std. Error | | 42.5 | | 1.7 | | | 25.0 | | |
| | Sample Size | | 2 | | 144 | | | 2 | | |
| All Fish | Avg. Length | | 531 | | 596 | 504 | | 580 | | |
| | Std. Error | | 23.1 | | 1.3 | 12.8 | | 25.0 | | |
| | Sample Size | | 4 | | 324 | 4 | | 2 | | |

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Appendix E.2 Length composition of sockeye salmon in the Hugh Smith Lake escapement by sex, age class, and escapement period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | | | 1980 |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 3.3 |
| Escapement Dates: | (August 9 - 22) | | | | | | | | | |
| Sample Dates: | (August 9 - 22) | | | | | | | | | |
| Male | Avg. Length | | 500 | | 605 | 555 | | | | |
| | Std. Error | | | | 2.5 | 5.0 | | | | |
| | Sample Size | | 1 | | 74 | 2 | | | | |
| Female | Avg. Length | | | | 586 | 518 | | 590 | | |
| | Std. Error | | | | 2.1 | 13.0 | | | | |
| | Sample Size | | | | 94 | 3 | | 1 | | |
| All Fish | Avg. Length | | 500 | | 594 | 533 | | 590 | | |
| | Std. Error | | | | 1.8 | 11.6 | | | | |
| | Sample Size | | 1 | | 168 | 5 | | 1 | | |
| Escapement Dates: | (August 23 - 29) | | | | | | | | | |
| Sample Dates: | (August 23 - 29) | | | | | | | | | |
| Male | Avg. Length | | 503 | 383 | 607 | 520 | | 603 | | |
| | Std. Error | | 27.5 | 18.3 | 2.1 | | | 12.0 | | |
| | Sample Size | | 2 | 3 | 99 | 1 | | 3 | | |
| Female | Avg. Length | 385 | 528 | 387 | 587 | 534 | | 590 | | |
| | Std. Error | 5.0 | 27.5 | 10.4 | 1.6 | 7.5 | | 10.0 | | |
| | Sample Size | 2 | 2 | 5 | 149 | 4 | | 3 | | |
| All Fish | Avg. Length | 385 | 515 | 386 | 595 | 531 | | 597 | | |
| | Std. Error | 5.0 | 17.4 | 8.7 | 1.4 | 6.4 | | 7.6 | | |
| | Sample Size | 2 | 4 | 8 | 248 | 5 | | 6 | | |
| Escapement Dates: | (August 30 - Sept. 5) | | | | | | | | | |
| Sample Dates: | (August 30 - Sept. 5) | | | | | | | | | |
| Male | Avg. Length | 348 | 495 | | 604 | 510 | | 608 | | |
| | Std. Error | 17.5 | | | 3.5 | | | 13.1 | | |
| | Sample Size | 2 | 1 | | 48 | 1 | | 4 | | |
| Female | Avg. Length | | 520 | 425 | 589 | 528 | | 581 | | 590 |
| | Std. Error | | 2.9 | | 1.6 | 12.3 | | 10.0 | | |
| | Sample Size | | 3 | 1 | 116 | 4 | | 14 | | 1 |
| All Fish | Avg. Length | 348 | 514 | 425 | 593 | 524 | | 587 | | 590 |
| | Std. Error | 17.5 | 6.6 | | 1.6 | 10.2 | | 8.5 | | |
| | Sample Size | 2 | 4 | 1 | 164 | 5 | | 18 | | 1 |
| Escapement Dates: | (Sept. 6 - 12) | | | | | | | | | |
| Sample Dates: | (Sept. 6 - 12) | | | | | | | | | |
| Male | Avg. Length | 385 | 454 | 378 | 596 | 518 | | 601 | 465 | |
| | Std. Error | | 87.2 | 10.3 | 12.3 | 13.2 | | 5.1 | | |
| | Sample Size | 1 | 6 | 4 | 20 | 8 | | 30 | 1 | |
| Female | Avg. Length | | 533 | 372 | 589 | 522 | | 582 | | 620 |
| | Std. Error | | 7.5 | 4.4 | 4.1 | 4.3 | | 2.1 | | 5.0 |
| | Sample Size | | 2 | 3 | 29 | 28 | | 90 | | 2 |
| All Fish | Avg. Length | 385 | 474 | 375 | 592 | 521 | | 587 | 465 | 620 |
| | Std. Error | | 65.1 | 5.9 | 5.5 | 4.3 | | 2.1 | | 5.0 |
| | Sample Size | 1 | 8 | 7 | 49 | 36 | | 120 | 1 | 2 |
| Escapement Dates: | (Sept. 13 - October 4) | | | | | | | | | |
| Sample Dates: | (Sept. 13 - October 4) | | | | | | | | | |
| Male | Avg. Length | | 547 | 378 | 607 | 510 | | 595 | | 580 |
| | Std. Error | | 1.7 | 37.5 | 3.6 | 7.1 | | 3.6 | | |
| | Sample Size | | 3 | 2 | 22 | 11 | | 37 | | 1 |
| Female | Avg. Length | | 555 | | 594 | 524 | | 590 | | 620 |
| | Std. Error | | | | 4.2 | 10.3 | | 2.5 | | 5.0 |
| | Sample Size | | 1 | | 30 | 6 | | 81 | | 2 |
| All Fish | Avg. Length | | 549 | 378 | 599 | 515 | | 592 | | 607 |
| | Std. Error | | 2.4 | 37.5 | 3.0 | 5.9 | | 2.0 | | 13.6 |
| | Sample Size | | 4 | 2 | 52 | 17 | | 118 | | 3 |
| Combined Periods (Unweighted) | | | | | | | | | | |
| Male | Avg. Length | 357 | 507 | 379 | 601 | 511 | 605 | 596 | 505 | 580 |
| | Std. Error | 7.4 | 15.6 | 9.3 | 0.5 | 4.2 | | 2.9 | 21.8 | |
| | Sample Size | 6 | 38 | 9 | 1668 | 66 | 1 | 79 | 3 | 1 |
| Female | Avg. Length | 367 | 544 | 386 | 589 | 527 | | 585 | 535 | 614 |
| | Std. Error | 18.6 | 7.9 | 7.9 | 0.5 | 2.8 | | 1.6 | | 6.4 |
| | Sample Size | 3 | 28 | 9 | 1704 | 66 | | 199 | 1 | 5 |
| All Fish | Avg. Length | 360 | 523 | 383 | 595 | 519 | 605 | 588 | 513 | 608 |
| | Std. Error | 7.4 | 9.8 | 5.9 | 0.4 | 2.6 | | 1.4 | 17.1 | 7.7 |
| | Sample Size | 9 | 66 | 18 | 3372 | 132 | 1 | 278 | 4 | 6 |

Appendix E.3 Daily sockeye salmon counts and associated statistics from Hugh Smith Lake weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| June | 8 | 2 | 2 | 0.0001 | 0.0001 |
| June | 9 | 0 | 2 | 0.0000 | 0.0001 |
| June | 10 | 0 | 2 | 0.0000 | 0.0001 |
| June | 11 | 11 | 13 | 0.0003 | 0.0004 |
| June | 12 | 0 | 13 | 0.0000 | 0.0004 |
| June | 13 | 0 | 13 | 0.0000 | 0.0004 |
| June | 14 | 0 | 13 | 0.0000 | 0.0004 |
| June | 15 | 9 | 22 | 0.0003 | 0.0007 |
| June | 16 | 0 | 22 | 0.0000 | 0.0007 |
| June | 17 | 0 | 22 | 0.0000 | 0.0007 |
| June | 18 | 6 | 28 | 0.0002 | 0.0008 |
| June | 19 | 25 | 53 | 0.0008 | 0.0016 |
| June | 20 | 16 | 69 | 0.0005 | 0.0021 |
| June | 21 | 21 | 90 | 0.0006 | 0.0027 |
| June | 22 | 54 | 144 | 0.0016 | 0.0044 |
| June | 23 | 15 | 159 | 0.0005 | 0.0048 |
| June | 24 | 6 | 165 | 0.0002 | 0.0050 |
| June | 25 | 51 | 216 | 0.0015 | 0.0065 |
| June | 26 | 23 | 239 | 0.0007 | 0.0072 |
| June | 27 | 0 | 239 | 0.0000 | 0.0072 |
| June | 28 | 0 | 239 | 0.0000 | 0.0072 |
| June | 29 | 0 | 239 | 0.0000 | 0.0072 |
| June | 30 | 0 | 239 | 0.0000 | 0.0072 |
| July | 1 | 8 | 247 | 0.0002 | 0.0075 |
| July | 2 | 100 | 347 | 0.0030 | 0.0105 |
| July | 3 | 81 | 428 | 0.0025 | 0.0130 |
| July | 4 | 80 | 508 | 0.0024 | 0.0154 |
| July | 5 | 80 | 588 | 0.0024 | 0.0178 |
| July | 6 | 100 | 688 | 0.0030 | 0.0209 |
| July | 7 | 180 | 868 | 0.0055 | 0.0263 |
| July | 8 | 128 | 996 | 0.0039 | 0.0302 |
| July | 9 | 40 | 1036 | 0.0012 | 0.0314 |
| July | 10 | 120 | 1156 | 0.0036 | 0.0351 |
| July | 11 | 100 | 1256 | 0.0030 | 0.0381 |
| July | 12 | 100 | 1356 | 0.0030 | 0.0411 |
| July | 13 | 101 | 1457 | 0.0031 | 0.0442 |
| July | 14 | 100 | 1557 | 0.0030 | 0.0472 |
| July | 15 | 701 | 2258 | 0.0213 | 0.0685 |
| July | 16 | 405 | 2663 | 0.0123 | 0.0808 |
| July | 17 | 582 | 3245 | 0.0176 | 0.0984 |
| July | 18 | 411 | 3656 | 0.0125 | 0.1109 |
| July | 19 | 2878 | 6534 | 0.0873 | 0.1981 |
| July | 20 | 2225 | 8759 | 0.0675 | 0.2656 |
| July | 21 | 826 | 9585 | 0.0250 | 0.2906 |
| July | 22 | 624 | 10209 | 0.0189 | 0.3096 |
| July | 23 | 501 | 10710 | 0.0152 | 0.3248 |
| July | 24 | 1603 | 12313 | 0.0486 | 0.3734 |
| July | 25 | 595 | 12908 | 0.0180 | 0.3914 |
| July | 26 | 500 | 13408 | 0.0152 | 0.4066 |
| July | 27 | 333 | 13741 | 0.0101 | 0.4167 |
| July | 28 | 185 | 13926 | 0.0056 | 0.4223 |
| July | 29 | 411 | 14337 | 0.0125 | 0.4347 |
| July | 30 | 822 | 15159 | 0.0249 | 0.4597 |
| July | 31 | 380 | 15539 | 0.0115 | 0.4712 |

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Appendix E.3 Daily sockeye salmon counts and associated statistics from Hugh Smith Lake weir, 1987 (continued).

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| Aug. | 1 | 335 | 15874 | 0.0102 | 0.4814 |
| Aug. | 2 | 348 | 16222 | 0.0106 | 0.4919 |
| Aug. | 3 | 73 | 16295 | 0.0022 | 0.4941 |
| Aug. | 4 | 301 | 16596 | 0.0091 | 0.5032 |
| Aug. | 5 | 345 | 16941 | 0.0105 | 0.5137 |
| Aug. | 6 | 82 | 17023 | 0.0025 | 0.5162 |
| Aug. | 7 | 140 | 17163 | 0.0042 | 0.5204 |
| Aug. | 8 | 200 | 17363 | 0.0061 | 0.5265 |
| Aug. | 9 | 30 | 17393 | 0.0009 | 0.5274 |
| Aug. | 10 | 120 | 17513 | 0.0036 | 0.5311 |
| Aug. | 11 | 5 | 17518 | 0.0002 | 0.5312 |
| Aug. | 12 | 3318 | 20836 | 0.1006 | 0.6318 |
| Aug. | 13 | 369 | 21205 | 0.0112 | 0.6430 |
| Aug. | 14 | 18 | 21223 | 0.0005 | 0.6436 |
| Aug. | 15 | 19 | 21242 | 0.0006 | 0.6441 |
| Aug. | 16 | 12 | 21254 | 0.0004 | 0.6445 |
| Aug. | 17 | 5 | 21259 | 0.0002 | 0.6446 |
| Aug. | 18 | 3 | 21262 | 0.0001 | 0.6447 |
| Aug. | 19 | 9 | 21271 | 0.0003 | 0.6450 |
| Aug. | 20 | 5 | 21276 | 0.0002 | 0.6452 |
| Aug. | 21 | 9 | 21285 | 0.0003 | 0.6454 |
| Aug. | 22 | 6 | 21291 | 0.0002 | 0.6456 |
| Aug. | 23 | 33 | 21324 | 0.0010 | 0.6466 |
| Aug. | 24 | 6 | 21330 | 0.0002 | 0.6468 |
| Aug. | 25 | 44 | 21374 | 0.0013 | 0.6481 |
| Aug. | 26 | 47 | 21421 | 0.0014 | 0.6496 |
| Aug. | 27 | 879 | 22300 | 0.0267 | 0.6762 |
| Aug. | 28 | 21 | 22321 | 0.0006 | 0.6768 |
| Aug. | 29 | 408 | 22729 | 0.0124 | 0.6892 |
| Aug. | 30 | 3309 | 26038 | 0.1003 | 0.7896 |
| Aug. | 31 | 4346 | 30384 | 0.1318 | 0.9213 |
| Sept. | 1 | 751 | 31135 | 0.0228 | 0.9441 |
| Sept. | 2 | 182 | 31317 | 0.0055 | 0.9496 |
| Sept. | 3 | 80 | 31397 | 0.0024 | 0.9521 |
| Sept. | 4 | 57 | 31454 | 0.0017 | 0.9538 |
| Sept. | 5 | 49 | 31503 | 0.0015 | 0.9553 |
| Sept. | 6 | 107 | 31610 | 0.0032 | 0.9585 |
| Sept. | 7 | 85 | 31695 | 0.0026 | 0.9611 |
| Sept. | 8 | 68 | 31763 | 0.0021 | 0.9632 |
| Sept. | 9 | 746 | 32509 | 0.0226 | 0.9858 |
| Sept. | 10 | 69 | 32578 | 0.0021 | 0.9879 |
| Sept. | 11 | 41 | 32619 | 0.0012 | 0.9891 |
| Sept. | 12 | 15 | 32634 | 0.0005 | 0.9896 |
| Sept. | 13 | 21 | 32655 | 0.0006 | 0.9902 |
| Sept. | 14 | 14 | 32669 | 0.0004 | 0.9906 |
| Sept. | 15 | 26 | 32695 | 0.0008 | 0.9914 |
| Sept. | 16 | 12 | 32707 | 0.0004 | 0.9918 |
| Sept. | 17 | 88 | 32795 | 0.0027 | 0.9945 |
| Sept. | 18 | 102 | 32897 | 0.0031 | 0.9975 |
| Sept. | 19 | 4 | 32901 | 0.0001 | 0.9977 |
| Sept. | 20 | 21 | 32922 | 0.0006 | 0.9983 |
| Sept. | 21 | 5 | 32927 | 0.0002 | 0.9985 |
| Sept. | 22 | 33 | 32960 | 0.0010 | 0.9995 |
| Sept. | 23 | 1 | 32961 | 0.0000 | 0.9995 |
| Sept. | 24 | 2 | 32963 | 0.0001 | 0.9995 |
| Sept. | 25 | 1 | 32964 | 0.0000 | 0.9996 |
| Sept. | 26 | 0 | 32964 | 0.0000 | 0.9996 |
| Sept. | 27 | 4 | 32968 | 0.0001 | 0.9997 |
| Sept. | 28 | 0 | 32968 | 0.0000 | 0.9997 |
| Sept. | 29 | 0 | 32968 | 0.0000 | 0.9997 |
| Sept. | 30 | 8 | 32976 | 0.0002 | 0.9999 |
| Oct. | 1 | 0 | 32976 | 0.0000 | 0.9999 |
| Oct. | 2 | 1 | 32977 | 0.0000 | 1.0000 |
| Oct. | 3 | 0 | 32977 | 0.0000 | 1.0000 |
| Oct. | 4 | 1 | 32978 | 0.0000 | 1.0000 |

Mean Day of Migration = Aug. 8 Variance = 398.7 Days squared

Appendix E.4 Age composition of sockeye salmon in the McDonald Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | Total |
| Sample Dates: | (August 21 - October 1) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 3 | 57 | 7 | 247 | 14 | 129 | 1 | 458 |
| Percent | 0.4 | 6.8 | 0.8 | 29.7 | 1.7 | 15.5 | 0.1 | 55.0 |
| Std. Error | 0.2 | 0.9 | 0.3 | 1.6 | 0.4 | 1.2 | 0.1 | 1.7 |
| Female | | | | | | | | |
| Sample Number | | 7 | | 250 | 4 | 114 | | 375 |
| Percent | | 0.8 | | 30.0 | 0.5 | 13.7 | | 45.0 |
| Std. Error | | 0.3 | | 1.6 | 0.2 | 1.2 | | 1.7 |
| All Fish 1/ | | | | | | | | |
| Sample Number | 3 | 64 | 7 | 498 | 18 | 244 | 1 | 835 |
| Percent | 0.4 | 7.7 | 0.8 | 59.6 | 2.2 | 29.2 | 0.1 | 100.0 |
| Std. Error | 0.2 | 0.9 | 0.3 | 1.7 | 0.5 | 1.6 | 0.1 | |

1/ Includes unsexed fish totals.

Appendix E.5 Length composition of sockeye salmon in the McDonald Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 |
| Sample Dates: | (August 21 - October 1) | | | | | | | |
| Male | Avg. Length | 352 | 472 | 354 | 605 | 504 | 605 | 530 |
| | Std. Error | 19.6 | 4.8 | 6.0 | 1.8 | 11.3 | 1.8 | |
| | Sample Size | 3 | 57 | 7 | 247 | 14 | 129 | 1 |
| Female | Avg. Length | | 519 | | 591 | 563 | 593 | |
| | Std. Error | | 12.4 | | 1.3 | 13.0 | 2.1 | |
| | Sample Size | | 7 | | 250 | 4 | 114 | |
| All Fish 1/ | Avg. Length | 352 | 477 | 354 | 598 | 517 | 599 | 530 |
| | Std. Error | 19.6 | 4.8 | 6.0 | 1.1 | 10.8 | 1.4 | |
| | Sample Size | 3 | 64 | 7 | 498 | 18 | 243 | 1 |

1/ Includes unsexed fish totals.

Appendix E.6 Age composition of sockeye salmon in the Naha River (Heckman Lake) escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | | 1981 | | 1980 | |
| | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.3 | Total |
| Escapement Dates: | (June 23 - July 18) | | | | | | | | | |
| Sample Dates: | (July 5 - July 18) | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 1 | | 39 | 220 | 21 | | | 8 | | 289 |
| Percent | 0.2 | | 7.0 | 39.7 | 3.8 | | | 1.4 | | 52.2 |
| Std. Error | 0.1 | | 0.9 | 1.7 | 0.6 | | | 0.4 | | 1.7 |
| Number | 3 | | 108 | 610 | 58 | | | 22 | | 801 |
| Female | | | | | | | | | | |
| Sample Number | | | 12 | 226 | 17 | | 2 | 8 | | 265 |
| Percent | | | 2.2 | 40.8 | 3.1 | | 0.4 | 1.4 | | 47.8 |
| Std. Error | | | 0.5 | 1.7 | 0.6 | | 0.2 | 0.4 | | 1.7 |
| Number | | | 33 | 626 | 47 | | 6 | 22 | | 734 |
| All Fish 1/ | | | | | | | | | | |
| Sample Number | 1 | | 51 | 448 | 38 | | 2 | 16 | | 556 |
| Percent | 0.2 | | 9.2 | 80.6 | 6.8 | | 0.4 | 2.9 | | 100.0 |
| Std. Error | 0.1 | | 1.0 | 1.3 | 0.9 | | 0.2 | 0.6 | | |
| Number | 3 | | 141 | 1242 | 105 | | 6 | 44 | | 1541 |
| Escapement Dates: | (July 19 - August 8) | | | | | | | | | |
| Sample Dates: | (July 19 - August 8) | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 1 | | 63 | 755 | 65 | | 2 | 55 | | 941 |
| Percent | 0.1 | | 3.3 | 39.2 | 3.4 | | 0.1 | 2.9 | | 48.9 |
| Std. Error | 0.0 | | 0.4 | 1.0 | 0.4 | | 0.1 | 0.3 | | 1.0 |
| Number | 4 | | 266 | 3190 | 275 | | 8 | 232 | | 3975 |
| Female | | | | | | | | | | |
| Sample Number | | | 37 | 872 | 26 | | 4 | 44 | 2 | 985 |
| Percent | | | 1.9 | 45.3 | 1.3 | | 0.2 | 2.3 | 0.1 | 51.1 |
| Std. Error | | | 0.3 | 1.0 | 0.2 | | 0.1 | 0.3 | 0.1 | 1.0 |
| Number | | | 156 | 3684 | 110 | | 17 | 186 | 8 | 4161 |
| All Fish 1/ | | | | | | | | | | |
| Sample Number | 1 | | 100 | 1628 | 91 | | 6 | 99 | 2 | 1927 |
| Percent | 0.1 | | 5.2 | 84.5 | 4.7 | | 0.3 | 5.1 | 0.1 | 100.0 |
| Std. Error | 0.0 | | 0.4 | 0.7 | 0.4 | | 0.1 | 0.4 | 0.1 | |
| Number | 4 | | 422 | 6879 | 385 | | 25 | 418 | 8 | 8141 |
| Escapement Dates: | (August 9 - 29) | | | | | | | | | |
| Sample Dates: | (August 9 - 29) | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 1 | | 41 | 496 | 30 | | | 28 | 1 | 597 |
| Percent | 0.1 | | 3.3 | 40.1 | 2.4 | | | 2.3 | 0.1 | 48.3 |
| Std. Error | 0.1 | | 0.4 | 1.0 | 0.3 | | | 0.3 | 0.1 | 1.0 |
| Number | 2 | | 82 | 992 | 60 | | | 56 | 2 | 1194 |
| Female | | | | | | | | | | |
| Sample Number | | | 18 | 546 | 16 | | 4 | 55 | 1 | 640 |
| Percent | | | 1.5 | 44.1 | 1.3 | | 0.3 | 4.4 | 0.1 | 51.7 |
| Std. Error | | | 0.2 | 1.0 | 0.2 | | 0.1 | 0.4 | 0.1 | 1.0 |
| Number | | | 36 | 1091 | 32 | | 8 | 110 | 2 | 1279 |
| All Fish | | | | | | | | | | |
| Sample Number | 1 | | 59 | 1042 | 46 | | 4 | 83 | 2 | 1237 |
| Percent | 0.1 | | 4.8 | 84.2 | 3.7 | | 0.3 | 6.7 | 0.2 | 100.0 |
| Std. Error | 0.1 | | 0.4 | 0.7 | 0.4 | | 0.1 | 0.5 | 0.1 | |
| Number | 2 | | 118 | 2083 | 92 | | 8 | 166 | 4 | 2473 |

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Appendix E.6 Age composition of sockeye salmon in the Naha River escapement by sex, age class, and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | | 1981 | | 1980 | |
| | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.3 | Total |
| Escapement Dates: (August 30 - Sept. 5) | | | | | | | | | | |
| Sample Dates: (August 30 - Sept. 5) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | 1 | 36 | 199 | 17 | | | 20 | 1 | 274 |
| Percent | | 0.2 | 6.6 | 36.5 | 3.1 | | | 3.7 | 0.2 | 50.3 |
| Std. Error | | 0.2 | 1.0 | 2.0 | 0.7 | | | 0.8 | 0.2 | 2.1 |
| Number | | 12 | 444 | 2454 | 210 | | | 246 | 12 | 3378 |
| Female | | | | | | | | | | |
| Sample Number | | | 22 | 224 | 6 | 1 | 1 | 17 | | 271 |
| Percent | | | 4.0 | 41.1 | 1.1 | 0.2 | 0.2 | 3.1 | | 49.7 |
| Std. Error | | | 0.8 | 2.0 | 0.4 | 0.2 | 0.2 | 0.7 | | 2.1 |
| Number | | | 271 | 2763 | 74 | 12 | 12 | 210 | | 3342 |
| All Fish | | | | | | | | | | |
| Sample Number | | 1 | 58 | 423 | 23 | 1 | 1 | 37 | 1 | 545 |
| Percent | | 0.2 | 10.6 | 77.6 | 4.2 | 0.2 | 0.2 | 6.8 | 0.2 | 100.0 |
| Std. Error | | 0.2 | 1.3 | 1.7 | 0.8 | 0.2 | 0.2 | 1.0 | 0.2 | |
| Number | | 12 | 715 | 5217 | 284 | 12 | 12 | 456 | 12 | 6720 |
| Escapement Dates: (Sept. 6 - Sept. 15) | | | | | | | | | | |
| Sample Dates: (Sept. 6 - Sept. 15) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | 1 | 18 | 180 | 17 | | | 32 | 1 | 249 |
| Percent | | 0.2 | 4.1 | 41.2 | 3.9 | | | 7.3 | 0.2 | 57.0 |
| Std. Error | | 0.2 | 0.7 | 1.8 | 0.7 | | | 0.9 | 0.2 | 1.8 |
| Number | | 2 | 40 | 401 | 38 | | | 71 | 2 | 554 |
| Female | | | | | | | | | | |
| Sample Number | | | 8 | 151 | 5 | | | 23 | 1 | 188 |
| Percent | | | 1.8 | 34.6 | 1.1 | | | 5.3 | 0.2 | 43.0 |
| Std. Error | | | 0.5 | 1.7 | 0.4 | | | 0.8 | 0.2 | 1.8 |
| Number | | | 18 | 336 | 11 | | | 51 | 2 | 418 |
| All Fish 1/ | | | | | | | | | | |
| Sample Number | | 1 | 26 | 332 | 22 | | | 55 | 2 | 438 |
| Percent | | 0.2 | 5.9 | 75.8 | 5.0 | | | 12.6 | 0.5 | 100.0 |
| Std. Error | | 0.2 | 0.8 | 1.5 | 0.8 | | | 1.2 | 0.2 | |
| Number | | 2 | 58 | 739 | 49 | | | 122 | 4 | 974 |
| Combined Periods (Percentages are weighted by period escapements) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 3 | 2 | 197 | 1850 | 150 | | 2 | 143 | 3 | 2350 |
| Percent | <0.1 | 0.1 | 4.7 | 38.5 | 3.2 | | <0.1 | 3.2 | 0.1 | 49.9 |
| Std. Error | <0.1 | 0.1 | 0.4 | 0.8 | 0.3 | | <0.1 | 0.3 | 0.1 | 0.8 |
| Number | 9 | 14 | 940 | 7647 | 641 | | 8 | 627 | 16 | 9902 |
| Female | | | | | | | | | | |
| Sample Number | | | 97 | 2019 | 70 | 1 | 11 | 147 | 4 | 2349 |
| Percent | | | 2.6 | 42.8 | 1.4 | 0.1 | 0.2 | 2.9 | 0.1 | 50.1 |
| Std. Error | | | 0.3 | 0.8 | 0.2 | 0.1 | 0.1 | 0.3 | <0.1 | 0.8 |
| Number | | | 514 | 8500 | 274 | 12 | 43 | 579 | 12 | 9934 |
| All Fish 1/ | | | | | | | | | | |
| Sample Number | 3 | 2 | 294 | 3873 | 220 | 1 | 13 | 290 | 7 | 4703 |
| Percent | <0.1 | 0.1 | 7.3 | 81.4 | 4.6 | 0.1 | 0.3 | 6.1 | 0.1 | 100.0 |
| Std. Error | <0.1 | 0.1 | 0.5 | 0.7 | 0.3 | 0.1 | 0.1 | 0.4 | 0.1 | |
| Number | 9 | 14 | 1454 | 16160 | 915 | 12 | 51 | 1206 | 28 | 19849 |

1/ Includes unsexed fish totals.

Appendix E.7 Length composition of sockeye salmon in the Naha River (Heckman Lake) escapement by sex, age class, and escapement period, 1987.

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | | 1981 | | 1980 |
| | | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.3 |
| Escapement Dates: (June 23 - July 18) | | | | | | | | | | |
| Sample Dates: (July 5 - 18) | | | | | | | | | | |
| Male | Avg. Length | 350 | | 549 | 617 | 555 | | | 627 | |
| | Std. Error | | | 7.0 | 1.5 | 7.5 | | | 10.1 | |
| | Sample Size | 1 | | 39 | 219 | 21 | | | 8 | |
| Female | Avg. Length | | | 551 | 602 | 548 | | 605 | 599 | |
| | Std. Error | | | 13.0 | 1.5 | 9.2 | | 55.0 | 6.9 | |
| | Sample Size | | | 12 | 226 | 17 | | 2 | 8 | |
| All Fish 1/ | Avg. Length | 350 | | 550 | 609 | 552 | | 605 | 613 | |
| | Std. Error | | | 6.1 | 1.1 | 5.8 | | 55.0 | 6.9 | |
| | Sample Size | 1 | | 51 | 446 | 38 | | 2 | 16 | |
| Escapement Dates: (July 19 - August 8) | | | | | | | | | | |
| Sample Dates: (July 19 - August 8) | | | | | | | | | | |
| Male | Avg. Length | 400 | | 554 | 622 | 562 | | 610 | 616 | |
| | Std. Error | | | 4.5 | 0.8 | 4.5 | | 5.0 | 3.1 | |
| | Sample Size | 1 | | 63 | 755 | 65 | | 2 | 55 | |
| Female | Avg. Length | | | 548 | 604 | 548 | | 603 | 605 | 588 |
| | Std. Error | | | 4.0 | 0.6 | 7.2 | | 3.2 | 3.1 | 12.5 |
| | Sample Size | | | 37 | 872 | 26 | | 4 | 44 | 2 |
| All Fish | Avg. Length | 400 | | 552 | 612 | 558 | | 605 | 611 | 588 |
| | Std. Error | | | 3.2 | 0.5 | 3.9 | | 2.9 | 2.3 | 12.5 |
| | Sample Size | 1 | | 100 | 1627 | 91 | | 6 | 99 | 2 |
| Escapement Dates: (August 9 - 29) | | | | | | | | | | |
| Sample Dates: (August 9 - 29) | | | | | | | | | | |
| Male | Avg. Length | 430 | | 560 | 620 | 547 | | | 622 | 625 |
| | Std. Error | | | 5.5 | 1.0 | 5.6 | | | 3.6 | |
| | Sample Size | 1 | | 41 | 495 | 30 | | | 28 | 1 |
| Female | Avg. Length | | | 546 | 603 | 558 | | 629 | 601 | 600 |
| | Std. Error | | | 6.4 | 0.8 | 9.0 | | 7.2 | 2.9 | |
| | Sample Size | | | 18 | 546 | 16 | | 4 | 55 | 1 |
| All Fish | Avg. Length | 430 | | 556 | 611 | 550 | | 629 | 608 | 613 |
| | Std. Error | | | 4.4 | 0.7 | 4.8 | | 7.2 | 2.5 | 12.5 |
| | Sample Size | 1 | | 59 | 1041 | 46 | | 4 | 83 | 2 |
| Escapement Dates: (August 30 - Sept. 5) | | | | | | | | | | |
| Sample Dates: (August 30 - Sept. 5) | | | | | | | | | | |
| Male | Avg. Length | | 645 | 553 | 616 | 562 | | | 618 | 640 |
| | Std. Error | | | 5.7 | 1.4 | 5.9 | | | 5.8 | |
| | Sample Size | | 1 | 34 | 191 | 16 | | | 20 | 1 |
| Female | Avg. Length | | | 548 | 601 | 567 | 520 | 620 | 596 | |
| | Std. Error | | | 6.6 | 1.3 | 9.9 | | | 5.2 | |
| | Sample Size | | | 20 | 213 | 6 | 1 | 1 | 15 | |
| All Fish | Avg. Length | | 645 | 551 | 608 | 563 | 520 | 620 | 608 | 640 |
| | Std. Error | | | 4.3 | 1.0 | 5.0 | | | 4.4 | |
| | Sample Size | | 1 | 54 | 404 | 22 | 1 | 1 | 35 | 1 |
| Escapement Dates: (Sept. 6 - 15) | | | | | | | | | | |
| Sample Dates: (Sept. 6 - 15) | | | | | | | | | | |
| Male | Avg. Length | | 595 | 538 | 621 | 550 | | | 617 | 600 |
| | Std. Error | | | 7.9 | 1.7 | 7.6 | | | 4.1 | |
| | Sample Size | | 1 | 18 | 180 | 17 | | | 32 | 1 |
| Female | Avg. Length | | | 533 | 605 | 553 | | | 598 | 620 |
| | Std. Error | | | 13.9 | 1.9 | 6.4 | | | 4.3 | |
| | Sample Size | | | 8 | 151 | 5 | | | 23 | 1 |
| All Fish 1/ | Avg. Length | | 595 | 536 | 614 | 551 | | | 609 | 610 |
| | Std. Error | | | 6.8 | 1.3 | 6.0 | | | 3.2 | 10.0 |
| | Sample Size | | 1 | 26 | 332 | 22 | | | 55 | 2 |
| Combined Periods (Unweighted) | | | | | | | | | | |
| Male | Avg. Length | 393 | 620 | 553 | 620 | 556 | | 610 | 618 | 622 |
| | Std. Error | 23.3 | 25.0 | 2.7 | 0.5 | 2.7 | | 5.0 | 1.9 | 11.7 |
| | Sample Size | 3 | 2 | 195 | 1840 | 149 | | 2 | 143 | 3 |
| Female | Avg. Length | | | 547 | 603 | 552 | 520 | 614 | 601 | 599 |
| | Std. Error | | | 3.1 | 0.4 | 4.1 | | 8.7 | 1.7 | 9.2 |
| | Sample Size | | | 95 | 2008 | 70 | 1 | 11 | 145 | 4 |
| All Fish 1/ | Avg. Length | 393 | 620 | 551 | 611 | 555 | 520 | 613 | 610 | 609 |
| | Std. Error | 23.3 | 25.0 | 2.1 | 0.4 | 2.3 | | 7.4 | 1.4 | 8.1 |
| | Sample Size | 3 | 2 | 290 | 3850 | 219 | 1 | 13 | 288 | 7 |

1/ Includes unsexed fish totals.

Apendix E.8 Daily sockeye salmon counts and associated statistics from the Naha River weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| June | 23 | 0 | 0 | 0.0000 | 0.0000 |
| June | 24 | 0 | 0 | 0.0000 | 0.0000 |
| June | 25 | 0 | 0 | 0.0000 | 0.0000 |
| June | 26 | 0 | 0 | 0.0000 | 0.0000 |
| June | 27 | 0 | 0 | 0.0000 | 0.0000 |
| June | 28 | 0 | 0 | 0.0000 | 0.0000 |
| June | 29 | 0 | 0 | 0.0000 | 0.0000 |
| June | 30 | 0 | 0 | 0.0000 | 0.0000 |
| July | 1 | 0 | 0 | 0.0000 | 0.0000 |
| July | 2 | 0 | 0 | 0.0000 | 0.0000 |
| July | 3 | 0 | 0 | 0.0000 | 0.0000 |
| July | 4 | 0 | 0 | 0.0000 | 0.0000 |
| July | 5 | 44 | 44 | 0.0022 | 0.0022 |
| July | 6 | 34 | 78 | 0.0017 | 0.0039 |
| July | 7 | 18 | 96 | 0.0009 | 0.0048 |
| July | 8 | 31 | 127 | 0.0016 | 0.0064 |
| July | 9 | 57 | 184 | 0.0029 | 0.0093 |
| July | 10 | 40 | 224 | 0.0020 | 0.0113 |
| July | 11 | 50 | 274 | 0.0025 | 0.0138 |
| July | 12 | 41 | 315 | 0.0021 | 0.0159 |
| July | 13 | 17 | 332 | 0.0009 | 0.0167 |
| July | 14 | 354 | 686 | 0.0178 | 0.0346 |
| July | 15 | 51 | 737 | 0.0026 | 0.0371 |
| July | 16 | 21 | 758 | 0.0011 | 0.0382 |
| July | 17 | 3 | 761 | 0.0002 | 0.0383 |
| July | 18 | 780 | 1541 | 0.0393 | 0.0776 |
| July | 19 | 702 | 2243 | 0.0354 | 0.1130 |
| July | 20 | 113 | 2356 | 0.0057 | 0.1187 |
| July | 21 | 137 | 2493 | 0.0069 | 0.1256 |
| July | 22 | 125 | 2618 | 0.0063 | 0.1319 |
| July | 23 | 916 | 3534 | 0.0461 | 0.1780 |
| July | 24 | 108 | 3642 | 0.0054 | 0.1835 |
| July | 25 | 76 | 3718 | 0.0038 | 0.1873 |
| July | 26 | 776 | 4494 | 0.0391 | 0.2264 |
| July | 27 | 68 | 4562 | 0.0034 | 0.2298 |
| July | 28 | 136 | 4698 | 0.0069 | 0.2367 |
| July | 29 | 882 | 5580 | 0.0444 | 0.2811 |
| July | 30 | 764 | 6344 | 0.0385 | 0.3196 |
| July | 31 | 699 | 7043 | 0.0352 | 0.3548 |
| Aug. | 1 | 306 | 7349 | 0.0154 | 0.3702 |
| Aug. | 2 | 164 | 7513 | 0.0083 | 0.3785 |
| Aug. | 3 | 254 | 7767 | 0.0128 | 0.3913 |
| Aug. | 4 | 1457 | 9224 | 0.0734 | 0.4647 |
| Aug. | 5 | 112 | 9336 | 0.0056 | 0.4704 |

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Apendix E.8 Daily sockeye salmon counts and associated statistics from the Naha River weir, 1987 (continued).

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| Aug. | 6 | 243 | 9579 | 0.0122 | 0.4826 |
| Aug. | 7 | 5 | 9584 | 0.0003 | 0.4828 |
| Aug. | 8 | 98 | 9682 | 0.0049 | 0.4878 |
| Aug. | 9 | 2 | 9684 | 0.0001 | 0.4879 |
| Aug. | 10 | 21 | 9705 | 0.0011 | 0.4889 |
| Aug. | 11 | 43 | 9748 | 0.0022 | 0.4911 |
| Aug. | 12 | 18 | 9766 | 0.0009 | 0.4920 |
| Aug. | 13 | 21 | 9787 | 0.0011 | 0.4931 |
| Aug. | 14 | 1 | 9788 | 0.0001 | 0.4931 |
| Aug. | 15 | 20 | 9808 | 0.0010 | 0.4941 |
| Aug. | 16 | 60 | 9868 | 0.0030 | 0.4972 |
| Aug. | 17 | 647 | 10515 | 0.0326 | 0.5297 |
| Aug. | 18 | 287 | 10802 | 0.0145 | 0.5442 |
| Aug. | 19 | 84 | 10886 | 0.0042 | 0.5484 |
| Aug. | 20 | 209 | 11095 | 0.0105 | 0.5590 |
| Aug. | 21 | 90 | 11185 | 0.0045 | 0.5635 |
| Aug. | 22 | 138 | 11323 | 0.0070 | 0.5705 |
| Aug. | 23 | 372 | 11695 | 0.0187 | 0.5892 |
| Aug. | 24 | 119 | 11814 | 0.0060 | 0.5952 |
| Aug. | 25 | 77 | 11891 | 0.0039 | 0.5991 |
| Aug. | 26 | 16 | 11907 | 0.0008 | 0.5999 |
| Aug. | 27 | 61 | 11968 | 0.0031 | 0.6030 |
| Aug. | 28 | 67 | 12035 | 0.0034 | 0.6063 |
| Aug. | 29 | 120 | 12155 | 0.0060 | 0.6124 |
| Aug. | 30 | 3498 | 15653 | 0.1762 | 0.7886 |
| Aug. | 31 | 631 | 16284 | 0.0318 | 0.8204 |
| Sept. | 1 | 1536 | 17820 | 0.0774 | 0.8978 |
| Sept. | 2 | 705 | 18525 | 0.0355 | 0.9333 |
| Sept. | 3 | 91 | 18616 | 0.0046 | 0.9379 |
| Sept. | 4 | 143 | 18759 | 0.0072 | 0.9451 |
| Sept. | 5 | 116 | 18875 | 0.0058 | 0.9509 |
| Sept. | 6 | 117 | 18992 | 0.0059 | 0.9568 |
| Sept. | 7 | 50 | 19042 | 0.0025 | 0.9593 |
| Sept. | 8 | 133 | 19175 | 0.0067 | 0.9660 |
| Sept. | 9 | 33 | 19208 | 0.0017 | 0.9677 |
| Sept. | 10 | 27 | 19235 | 0.0014 | 0.9691 |
| Sept. | 11 | 511 | 19746 | 0.0257 | 0.9948 |
| Sept. | 12 | 25 | 19771 | 0.0013 | 0.9961 |
| Sept. | 13 | 9 | 19780 | 0.0005 | 0.9965 |
| Sept. | 14 | 66 | 19846 | 0.0033 | 0.9998 |
| Sept. | 15 | 3 | 19849 | 0.0002 | 1.0000 |

Mean Day of Migration = Aug. 13 Variance = 332.0 Days squared

Appendix E.9 Age composition of sockeye salmon in the Helm Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | Total |
| Sample Dates: | (Sept. 23 - 24) | | | | | | |
| Male | | | | | | | |
| Sample Number | 2 | 50 | 3 | 26 | | 9 | 90 |
| Percent | 0.8 | 19.3 | 1.2 | 10.0 | | 3.5 | 34.7 |
| Std. Error | 0.5 | 2.4 | 0.7 | 1.9 | | 1.1 | 2.9 |
| Female | | | | | | | |
| Sample Number | 1 | 97 | | 57 | 1 | 13 | 169 |
| Percent | 0.4 | 37.5 | | 22.0 | 0.4 | 5.0 | 65.3 |
| Std. Error | 0.4 | 3.0 | | 2.6 | 0.4 | 1.4 | 2.9 |
| All Fish | | | | | | | |
| Sample Number | 3 | 147 | 3 | 83 | 1 | 22 | 259 |
| Percent | 1.2 | 56.8 | 1.2 | 32.0 | 0.4 | 8.5 | 100.0 |
| Std. Error | 0.7 | 3.1 | 0.7 | 2.9 | 0.4 | 1.7 | |

Appendix E.10 Length composition of sockeye salmon in the Helm Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 |
| Sample Dates: | (Sept. 23 - 24) | | | | | | |
| Male | Avg. Length | 355 | 486 | 350 | 532 | | 542 |
| | Std. Error | 15.0 | 2.5 | | 3.8 | | 6.0 |
| | Sample Size | 2 | 50 | 3 | 26 | | 9 |
| Female | Avg. Length | 350 | 481 | | 535 | 490 | 535 |
| | Std. Error | | 1.7 | | 2.8 | | 6.8 |
| | Sample Size | 1 | 97 | | 57 | 1 | 13 |
| All Fish | Avg. Length | 353 | 482 | 350 | 534 | 490 | 538 |
| | Std. Error | 8.8 | 1.4 | | 2.2 | | 4.7 |
| | Sample Size | 3 | 147 | 3 | 83 | 1 | 22 |

Appendix E.11 Age composition of sockeye salmon in the Kegan Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | Total |
| Sample Dates: | (Sept 9 - 10) | | | | | | |
| Male | | | | | | | |
| Sample Number | 7 | 31 | 3 | 15 | 5 | 3 | 64 |
| Percent | 7.4 | 32.6 | 3.2 | 15.8 | 5.3 | 3.2 | 67.4 |
| Std. Error | 2.7 | 4.8 | 1.8 | 3.8 | 2.3 | 1.8 | 4.8 |
| Female | | | | | | | |
| Sample Number | | 4 | | 27 | | | 31 |
| Percent | | 4.2 | | 28.4 | | | 32.6 |
| Std. Error | | 2.1 | | 4.6 | | | 4.8 |
| All Fish | | | | | | | |
| Sample Number | 7 | 35 | 3 | 42 | 5 | 3 | 95 |
| Percent | 7.4 | 36.8 | 3.2 | 44.2 | 5.3 | 3.2 | 100.0 |
| Std. Error | 2.7 | 5.0 | 1.8 | 5.1 | 2.3 | 1.8 | |

Appendix E.12 Length composition of sockeye salmon in the Kegan Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 |
| Sample Dates: | (Sept. 9 - 10) | | | | | | |
| Male | Avg. Length | 359 | 504 | 367 | 591 | 510 | 580 |
| | Std. Error | 13.1 | 6.7 | 6.7 | 4.9 | 13.8 | 11.5 |
| | Sample Size | 7 | 31 | 3 | 15 | 5 | 3 |
| Female | Avg. Length | | 488 | | 557 | | |
| | Std. Error | | 6.3 | | 5.0 | | |
| | Sample Size | | 4 | | 27 | | |
| All Fish | Avg. Length | 359 | 502 | 367 | 569 | 510 | 580 |
| | Std. Error | 13.1 | 6.0 | 6.7 | 4.4 | 13.8 | 11.5 |
| | Sample Size | 7 | 35 | 3 | 42 | 5 | 3 |

Appendix E.13 Age composition of sockeye salmon in the Karta River escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1983 | | 1982 | | 1981 | | | 1980 | | |
| | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| Escapement Dates: | (June 23 - July 11) | | | | | | | | | |
| Sample Dates: | (June 24 - July 11) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | 4 | 25 | 999 | 1 | | 49 | | | | 1078 |
| Percent | 0.3 | 1.7 | 68.4 | 0.1 | | 3.4 | | | | 73.8 |
| Std. Error | 0.1 | 0.2 | 0.8 | 0.0 | | 0.3 | | | | 0.8 |
| Number | 7 | 46 | 1845 | 2 | | 90 | | | | 1990 |
| **Female** | | | | | | | | | | |
| Sample Number | | 7 | 359 | | 1 | 16 | | | | 383 |
| Percent | | 0.5 | 24.6 | | 0.1 | 1.1 | | | | 26.2 |
| Std. Error | | 0.1 | 0.8 | | 0.0 | 0.2 | | | | 0.8 |
| Number | | 13 | 662 | | 2 | 30 | | | | 707 |
| **All Fish 1/** | | | | | | | | | | |
| Sample Number | 4 | 32 | 1360 | 1 | 1 | 65 | | | | 1463 |
| Percent | 0.3 | 2.2 | 93.0 | 0.1 | 0.1 | 4.4 | | | | 100.0 |
| Std. Error | 0.1 | 0.3 | 0.5 | 0.0 | 0.0 | 0.4 | | | | |
| Number | 7 | 59 | 2511 | 2 | 2 | 120 | | | | 2701 |
| Escapement Dates: | (July 12 - 25) | | | | | | | | | |
| Sample Dates: | (July 12 - 25) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | | 19 | 625 | 1 | | 44 | 1 | | | 690 |
| Percent | | 2.2 | 70.9 | 0.1 | | 5.0 | 0.1 | | | 78.3 |
| Std. Error | | 0.3 | 0.9 | 0.1 | | 0.4 | 0.1 | | | 0.8 |
| Number | | 28 | 909 | 1 | | 64 | 1 | | | 1003 |
| **Female** | | | | | | | | | | |
| Sample Number | 1 | 5 | 168 | 1 | 1 | 15 | | | | 191 |
| Percent | 0.1 | 0.6 | 19.1 | 0.1 | 0.1 | 1.7 | | | | 21.7 |
| Std. Error | 0.1 | 0.1 | 0.7 | 0.1 | 0.1 | 0.2 | | | | 0.8 |
| Number | 1 | 7 | 246 | 1 | 1 | 22 | | | | 278 |
| **All Fish 1/** | | | | | | | | | | |
| Sample Number | 1 | 24 | 794 | 2 | 1 | 59 | 1 | | | 882 |
| Percent | 0.1 | 2.7 | 90.0 | 0.2 | 0.1 | 6.7 | 0.1 | | | 100.0 |
| Std. Error | 0.1 | 0.3 | 0.6 | 0.1 | 0.1 | 0.5 | 0.1 | | | |
| Number | 1 | 35 | 1156 | 2 | 1 | 86 | 1 | | | 1282 |
| Escapement Dates: | (July 26 - August 1) | | | | | | | | | |
| Sample Dates: | (July 26 - August 1) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | | 1 | 148 | 1 | 1 | 21 | | 1 | | 173 |
| Percent | | 0.5 | 67.9 | 0.5 | 0.5 | 9.6 | | 0.5 | | 79.4 |
| Std. Error | | 0.1 | 1.0 | 0.1 | 0.1 | 0.7 | | 0.1 | | 0.9 |
| Number | | 1 | 166 | 1 | 1 | 24 | | 1 | | 194 |
| **Female** | | | | | | | | | | |
| Sample Number | | 1 | 38 | | | 6 | | | | 45 |
| Percent | | 0.5 | 17.4 | | | 2.8 | | | | 20.6 |
| Std. Error | | 0.1 | 0.8 | | | 0.4 | | | | 0.9 |
| Number | | 1 | 42 | | | 7 | | | | 50 |
| **All Fish** | | | | | | | | | | |
| Sample Number | | 2 | 186 | 1 | 1 | 27 | | 1 | | 218 |
| Percent | | 0.9 | 85.3 | 0.5 | 0.5 | 12.4 | | 0.5 | | 100.0 |
| Std. Error | | 0.2 | 0.8 | 0.1 | 0.1 | 0.7 | | 0.1 | | |
| Number | | 2 | 208 | 1 | 1 | 31 | | 1 | | 244 |

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Appendix E.13 Age composition of sockeye salmon in the Karta River escapement by sex, age class, and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1983 | | 1982 | | 1981 | | | 1980 | | |
| | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| Escapement Dates: | (August 2 - 15) | | | | | | | | | |
| Sample Dates: | (August 2 - 15) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | 1 | 14 | 133 | 4 | | 31 | | | | 183 |
| Percent | 0.3 | 4.4 | 42.2 | 1.3 | | 9.8 | | | | 58.1 |
| Std. Error | 0.1 | 0.5 | 1.2 | 0.3 | | 0.7 | | | | 1.2 |
| Number | 1 | 17 | 166 | 5 | | 39 | | | | 228 |
| **Female** | | | | | | | | | | |
| Sample Number | | 6 | 99 | | | 27 | | | | 132 |
| Percent | | 1.9 | 31.4 | | | 8.6 | | | | 41.9 |
| Std. Error | | 0.3 | 1.2 | | | 0.7 | | | | 1.2 |
| Number | | 7 | 123 | | | 34 | | | | 164 |
| **All Fish** | | | | | | | | | | |
| Sample Number | 1 | 20 | 232 | 4 | | 58 | | | | 315 |
| Percent | 0.3 | 6.3 | 73.7 | 1.3 | | 18.4 | | | | 100.0 |
| Std. Error | 0.1 | 0.6 | 1.1 | 0.3 | | 1.0 | | | | |
| Number | 1 | 24 | 289 | 5 | | 73 | | | | 392 |
| Escapement Dates: | (August 16 - Sept. 18) | | | | | | | | | |
| Sample Dates: | (August 16 - Sept. 15) | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | | 46 | 222 | 23 | 2 | 32 | | | | 325 |
| Percent | | 7.2 | 34.9 | 3.6 | 0.3 | 5.0 | | | | 51.1 |
| Std. Error | | 0.7 | 1.3 | 0.5 | 0.2 | 0.6 | | | | 1.4 |
| Number | | 89 | 430 | 44 | 4 | 62 | | | | 629 |
| **Female** | | | | | | | | | | |
| Sample Number | | 46 | 217 | 11 | 2 | 33 | | | 2 | 311 |
| Percent | | 7.2 | 34.1 | 1.7 | 0.3 | 5.2 | | | 0.3 | 48.9 |
| Std. Error | | 0.7 | 1.3 | 0.4 | 0.2 | 0.6 | | | 0.2 | 1.4 |
| Number | | 89 | 420 | 21 | 4 | 64 | | | 4 | 602 |
| **All Fish 1/** | | | | | | | | | | |
| Sample Number | | 92 | 456 | 36 | 4 | 66 | | | 2 | 656 |
| Percent | | 14.0 | 69.5 | 5.5 | 0.6 | 10.1 | | | 0.3 | 100.0 |
| Std. Error | | 0.9 | 1.3 | 0.6 | 0.2 | 0.8 | | | 0.1 | |
| Number | | 178 | 881 | 70 | 8 | 128 | | | 4 | 1269 |
| Combined Periods (Percentages are weighted by period escapements) | | | | | | | | | | |
| **Male** | | | | | | | | | | |
| Sample Number | 5 | 105 | 2127 | 30 | 3 | 177 | 1 | 1 | | 2449 |
| Percent | 0.1 | 3.1 | 60.1 | 0.9 | 0.1 | 4.8 | <0.1 | <0.1 | | 69.2 |
| Std. Error | <0.1 | 0.2 | 0.5 | 0.1 | <0.1 | 0.2 | <0.1 | <0.1 | | 0.5 |
| Number | 8 | 181 | 3516 | 53 | 5 | 279 | 1 | 1 | | 4044 |
| **Female** | | | | | | | | | | |
| Sample Number | 1 | 65 | 881 | 12 | 4 | 97 | | | 2 | 1062 |
| Percent | <0.1 | 2.0 | 25.5 | 0.4 | 0.1 | 2.7 | | | 0.1 | 30.8 |
| Std. Error | <0.1 | 0.2 | 0.5 | 0.1 | <0.1 | 0.2 | | | <0.1 | 0.5 |
| Number | 1 | 117 | 1493 | 22 | 7 | 157 | | | 4 | 1801 |
| **All Fish 1/** | | | | | | | | | | |
| Sample Number | 6 | 170 | 3028 | 44 | 7 | 275 | 1 | 1 | 2 | 3534 |
| Percent | 0.2 | 5.1 | 85.7 | 1.4 | 0.2 | 7.4 | <0.1 | <0.1 | 0.1 | 100.0 |
| Std. Error | <0.1 | 0.2 | 0.4 | 0.1 | 0.1 | 0.3 | <0.1 | <0.1 | <0.1 | |
| Number | 9 | 298 | 5045 | 80 | 12 | 438 | 1 | 1 | 4 | 5888 |

1/ Includes unsexed fish totals.

Appendix E.14 Length composition of sockeye salmon in the Karta River escapement by sex, age class, and escapement period, 1987.

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | | | 1980 | |
| | | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.2 | 2.4 | 3.3 |
| Escapement Dates: (June 23 - July 11) | | | | | | | | | | |
| Sample Dates: (June 24 - July 11) | | | | | | | | | | |
| Male | Avg. Length | 606 | 550 | 607 | 575 | | 607 | | | |
| | Std. Error | 6.3 | 3.0 | 0.7 | | | 3.4 | | | |
| | Sample Size | 4 | 25 | 999 | 1 | | 49 | | | |
| Female | Avg. Length | | 548 | 583 | | 535 | 592 | | | |
| | Std. Error | | 11.5 | 1.0 | | | 4.6 | | | |
| | Sample Size | | 7 | 359 | | 1 | 16 | | | |
| All Fish 1/ | Avg. Length | 606 | 550 | 601 | 575 | 535 | 603 | | | |
| | Std. Error | 6.3 | 3.3 | 0.6 | | | 2.9 | | | |
| | Sample Size | 4 | 32 | 1360 | 1 | 1 | 65 | | | |
| Escapement Dates: (July 12 - 25) | | | | | | | | | | |
| Sample Dates: (July 12 - 25) | | | | | | | | | | |
| Male | Avg. Length | | 574 | 613 | 540 | | 613 | 535 | | |
| | Std. Error | | 8.2 | 0.8 | | | 3.4 | | | |
| | Sample Size | | 19 | 625 | 1 | | 44 | 1 | | |
| Female | Avg. Length | 580 | 516 | 589 | 515 | 610 | 586 | | | |
| | Std. Error | | 6.8 | 1.5 | | | 5.8 | | | |
| | Sample Size | 1 | 5 | 168 | 1 | 1 | 15 | | | |
| All Fish | Avg. Length | 580 | 562 | 608 | 528 | 610 | 606 | 535 | | |
| | Std. Error | | 8.2 | 0.8 | 12.5 | | 3.3 | | | |
| | Sample Size | 1 | 24 | 793 | 2 | 1 | 59 | 1 | | |
| Escapement Dates: (July 26 - August 1) | | | | | | | | | | |
| Sample Dates: (July 26 - August 1) | | | | | | | | | | |
| Male | Avg. Length | | 570 | 614 | 575 | 590 | 616 | | 640 | |
| | Std. Error | | | 1.6 | | | 3.5 | | | |
| | Sample Size | | 1 | 148 | 1 | 1 | 21 | | 1 | |
| Female | Avg. Length | | 510 | 587 | | | 581 | | | |
| | Std. Error | | | 3.4 | | | 7.9 | | | |
| | Sample Size | | 1 | 38 | | | 6 | | | |
| All Fish | Avg. Length | | 540 | 609 | 575 | 590 | 608 | | 640 | |
| | Std. Error | | 30.0 | 1.6 | | | 4.2 | | | |
| | Sample Size | | 2 | 186 | 1 | 1 | 27 | | 1 | |
| Escapement Dates: (August 2 - 15) | | | | | | | | | | |
| Sample Dates: (August 2 - 15) | | | | | | | | | | |
| Male | Avg. Length | 605 | 536 | 607 | 546 | | 609 | | | |
| | Std. Error | | 5.7 | 2.1 | 12.5 | | 4.1 | | | |
| | Sample Size | 1 | 14 | 133 | 4 | | 31 | | | |
| Female | Avg. Length | | 538 | 585 | | | 582 | | | |
| | Std. Error | | 14.1 | 2.2 | | | 3.5 | | | |
| | Sample Size | | 6 | 99 | | | 27 | | | |
| All Fish | Avg. Length | 605 | 537 | 598 | 546 | | 597 | | | |
| | Std. Error | | 5.6 | 1.7 | 12.5 | | 3.2 | | | |
| | Sample Size | 1 | 20 | 232 | 4 | | 58 | | | |
| Escapement Dates: (August 16 - Sept. 16) | | | | | | | | | | |
| Sample Dates: (August 16 - Sept. 15) | | | | | | | | | | |
| Male | Avg. Length | | 547 | 601 | 554 | 618 | 610 | | | |
| | Std. Error | | 3.7 | 1.7 | 3.9 | 2.5 | 3.7 | | | |
| | Sample Size | | 46 | 222 | 23 | 2 | 32 | | | |
| Female | Avg. Length | | 534 | 584 | 540 | 583 | 580 | | | 580 |
| | Std. Error | | 3.5 | 1.6 | 9.1 | 2.5 | 3.1 | | | |
| | Sample Size | | 46 | 217 | 11 | 2 | 33 | | | 2 |
| All Fish 1/ | Avg. Length | | 541 | 593 | 548 | 600 | 595 | | | 580 |
| | Std. Error | | 2.6 | 1.2 | 3.9 | 10.2 | 3.0 | | | |
| | Sample Size | | 92 | 456 | 36 | 4 | 66 | | | 2 |
| Combined Periods (Unweighted) | | | | | | | | | | |
| Male | Avg. Length | 606 | 552 | 609 | 554 | 608 | 610 | 535 | 640 | |
| | Std. Error | 4.8 | 2.7 | 0.5 | 3.5 | 9.3 | 1.7 | | | |
| | Sample Size | 5 | 105 | 2127 | 30 | 3 | 177 | 1 | 1 | |
| Female | Avg. Length | 580 | 534 | 585 | 538 | 578 | 584 | | | 580 |
| | Std. Error | | 3.1 | 0.7 | 8.6 | 15.6 | 1.9 | | | <0.1 |
| | Sample Size | 1 | 65 | 881 | 12 | 4 | 97 | | | 2 |
| All Fish 1/ | Avg. Length | 602 | 545 | 602 | 548 | 591 | 601 | 535 | 640 | 580 |
| | Std. Error | 5.9 | 2.1 | 0.4 | 3.5 | 11.0 | 1.5 | | | <0.1 |
| | Sample Size | 6 | 170 | 3027 | 44 | 7 | 275 | 1 | 1 | 2 |

1/ Includes unsexed fish totals.

Appendix E.15 Daily sockeye salmon counts and associated statistics from Karta River weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| June | 23 | 0 | 0 | 0.0000 | 0.0000 |
| June | 24 | 27 | 27 | 0.0046 | 0.0046 |
| June | 25 | 19 | 46 | 0.0032 | 0.0078 |
| June | 26 | 30 | 76 | 0.0051 | 0.0129 |
| June | 27 | 172 | 248 | 0.0292 | 0.0421 |
| June | 28 | 145 | 393 | 0.0246 | 0.0667 |
| June | 29 | 207 | 600 | 0.0352 | 0.1019 |
| June | 30 | 150 | 750 | 0.0255 | 0.1274 |
| July | 1 | 102 | 852 | 0.0173 | 0.1447 |
| July | 2 | 78 | 930 | 0.0132 | 0.1579 |
| July | 3 | 156 | 1086 | 0.0265 | 0.1844 |
| July | 4 | 79 | 1165 | 0.0134 | 0.1979 |
| July | 5 | 242 | 1407 | 0.0411 | 0.2390 |
| July | 6 | 59 | 1466 | 0.0100 | 0.2490 |
| July | 7 | 112 | 1578 | 0.0190 | 0.2680 |
| July | 8 | 291 | 1869 | 0.0494 | 0.3174 |
| July | 9 | 267 | 2136 | 0.0453 | 0.3628 |
| July | 10 | 272 | 2408 | 0.0462 | 0.4090 |
| July | 11 | 293 | 2701 | 0.0498 | 0.4587 |
| July | 12 | 225 | 2926 | 0.0382 | 0.4969 |
| July | 13 | 73 | 2999 | 0.0124 | 0.5093 |
| July | 14 | 63 | 3062 | 0.0107 | 0.5200 |
| July | 15 | 71 | 3133 | 0.0121 | 0.5321 |
| July | 16 | 92 | 3225 | 0.0156 | 0.5477 |
| July | 17 | 222 | 3447 | 0.0377 | 0.5854 |
| July | 18 | 135 | 3582 | 0.0229 | 0.6084 |
| July | 19 | 107 | 3689 | 0.0182 | 0.6265 |
| July | 20 | 53 | 3742 | 0.0090 | 0.6355 |
| July | 21 | 89 | 3831 | 0.0151 | 0.6506 |
| July | 22 | 68 | 3899 | 0.0115 | 0.6622 |
| July | 23 | 40 | 3939 | 0.0068 | 0.6690 |
| July | 24 | 19 | 3958 | 0.0032 | 0.6722 |
| July | 25 | 25 | 3983 | 0.0042 | 0.6765 |
| July | 26 | 69 | 4052 | 0.0117 | 0.6882 |
| July | 27 | 25 | 4077 | 0.0042 | 0.6924 |
| July | 28 | 25 | 4102 | 0.0042 | 0.6967 |
| July | 29 | 28 | 4130 | 0.0048 | 0.7014 |
| July | 30 | 39 | 4169 | 0.0066 | 0.7081 |
| July | 31 | 50 | 4219 | 0.0085 | 0.7165 |
| Aug. | 1 | 8 | 4227 | 0.0014 | 0.7179 |
| Aug. | 2 | 18 | 4245 | 0.0031 | 0.7210 |
| Aug. | 3 | 40 | 4285 | 0.0068 | 0.7278 |
| Aug. | 4 | 11 | 4296 | 0.0019 | 0.7296 |
| Aug. | 5 | 49 | 4345 | 0.0083 | 0.7379 |

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Appendix E.15 Daily sockeye salmon counts and associated statistics from Karta River weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| Aug. | 6 | 37 | 4382 | 0.0063 | 0.7442 |
| Aug. | 7 | 34 | 4416 | 0.0058 | 0.7500 |
| Aug. | 8 | 25 | 4441 | 0.0042 | 0.7542 |
| Aug. | 9 | 31 | 4472 | 0.0053 | 0.7595 |
| Aug. | 10 | 32 | 4504 | 0.0054 | 0.7649 |
| Aug. | 11 | 29 | 4533 | 0.0049 | 0.7699 |
| Aug. | 12 | 5 | 4538 | 0.0008 | 0.7707 |
| Aug. | 13 | 38 | 4576 | 0.0065 | 0.7772 |
| Aug. | 14 | 25 | 4601 | 0.0042 | 0.7814 |
| Aug. | 15 | 18 | 4619 | 0.0031 | 0.7845 |
| Aug. | 16 | 28 | 4647 | 0.0048 | 0.7892 |
| Aug. | 17 | 45 | 4692 | 0.0076 | 0.7969 |
| Aug. | 18 | 46 | 4738 | 0.0078 | 0.8047 |
| Aug. | 19 | 39 | 4777 | 0.0066 | 0.8113 |
| Aug. | 20 | 38 | 4815 | 0.0065 | 0.8178 |
| Aug. | 21 | 27 | 4842 | 0.0046 | 0.8224 |
| Aug. | 22 | 33 | 4875 | 0.0056 | 0.8280 |
| Aug. | 23 | 17 | 4892 | 0.0029 | 0.8308 |
| Aug. | 24 | 23 | 4915 | 0.0039 | 0.8347 |
| Aug. | 25 | 37 | 4952 | 0.0063 | 0.8410 |
| Aug. | 26 | 0 | 4952 | 0.0000 | 0.8410 |
| Aug. | 27 | 0 | 4952 | 0.0000 | 0.8410 |
| Aug. | 28 | 84 | 5036 | 0.0143 | 0.8553 |
| Aug. | 29 | 19 | 5055 | 0.0032 | 0.8585 |
| Aug. | 30 | 199 | 5254 | 0.0338 | 0.8923 |
| Aug. | 31 | 350 | 5604 | 0.0594 | 0.9518 |
| Sept. | 1 | 15 | 5619 | 0.0025 | 0.9543 |
| Sept. | 2 | 36 | 5655 | 0.0061 | 0.9604 |
| Sept. | 3 | 9 | 5664 | 0.0015 | 0.9620 |
| Sept. | 4 | 8 | 5672 | 0.0014 | 0.9633 |
| Sept. | 5 | 12 | 5684 | 0.0020 | 0.9654 |
| Sept. | 6 | 22 | 5706 | 0.0037 | 0.9691 |
| Sept. | 7 | 10 | 5716 | 0.0017 | 0.9708 |
| Sept. | 8 | 113 | 5829 | 0.0192 | 0.9900 |
| Sept. | 9 | 1 | 5830 | 0.0002 | 0.9901 |
| Sept. | 10 | 0 | 5830 | 0.0000 | 0.9901 |
| Sept. | 11 | 7 | 5837 | 0.0012 | 0.9913 |
| Sept. | 12 | 16 | 5853 | 0.0027 | 0.9941 |
| Sept. | 13 | 9 | 5862 | 0.0015 | 0.9956 |
| Sept. | 14 | 1 | 5863 | 0.0002 | 0.9958 |
| Sept. | 15 | 25 | 5888 | 0.0042 | 1.0000 |
| Sept. | 16 | 0 | 5888 | 0.0000 | 1.0000 |

Mean Day of Migration = July 23 Variance = 506.8 Days squared

Appendix E.16 Age composition of sockeye salmon in the Hetta Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|
| | 1984 | 1983 | 1982 | 1981 | |
| | 1.1 | 1.2 | 1.3 | 2.3 | Total |
| Sample Dates: | (Sept. 4 - 5) | | | | |
| Male | | | | | |
| Sample Number | 3 | 1 | 145 | 3 | 152 |
| Percent | 0.8 | 0.3 | 40.4 | 0.8 | 42.3 |
| Std. Error | 0.5 | 0.3 | 2.6 | 0.5 | 2.6 |
| Female | | | | | |
| Sample Number | | 5 | 199 | 3 | 207 |
| Percent | | 1.4 | 55.4 | 0.8 | 57.7 |
| Std. Error | | 0.6 | 2.6 | 0.5 | 2.6 |
| All Fish 1/ | | | | | |
| Sample Number | 3 | 7 | 346 | 6 | 362 |
| Percent | 0.8 | 1.9 | 95.6 | 1.7 | 100.0 |
| Std. Error | 0.5 | 0.7 | 1.1 | 0.7 | |

1/ Includes unsexed fish totals.

Appendix E.17 Length composition of sockeye salmon in the Hetta Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | |
|---|---|---|---|---|---|
| | | 1984 | 1983 | 1982 | 1981 |
| | | 1.1 | 1.2 | 1.3 | 2.3 |
| Sample Dates: | (Sept. 4 - 5) | | | | |
| Male | Avg. Length | 353 | 430 | 578 | 550 |
| | Std. Error | 17.6 | | 2.7 | 47.3 |
| | Sample Size | 3 | 1 | 145 | 3 |
| Female | Avg. Length | | 478 | 557 | 547 |
| | Std. Error | | 31.5 | 1.9 | 8.8 |
| | Sample Size | | 4 | 199 | 3 |
| All Fish 1/ | Avg. Length | 353 | 468 | 565 | 548 |
| | Std. Error | 17.6 | 26.2 | 1.6 | 21.5 |
| | Sample Size | 3 | 5 | 345 | 6 |

1/ Includes unsexed fish totals.

Appendix E.18 Age composition of sockeye salmon in the Klakas Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|
| | 1983 | 1982 | | 1981 | |
| | 1.2 | 1.3 | 2.2 | 2.3 | Total |
| Sample Date: | (Sept. 7) | | | | |
| Male | | | | | |
| Sample Number | 4 | 17 | 2 | 6 | 29 |
| Percent | 7.1 | 30.4 | 3.6 | 10.7 | 51.8 |
| Std. Error | 3.5 | 6.2 | 2.5 | 4.2 | 6.7 |
| Female | | | | | |
| Sample Number | 1 | 18 | 1 | 7 | 27 |
| Percent | 1.8 | 32.1 | 1.8 | 12.5 | 48.2 |
| Std. Error | 1.8 | 6.3 | 1.8 | 4.5 | 6.7 |
| All Fish | | | | | |
| Sample Number | 5 | 35 | 3 | 13 | 56 |
| Percent | 8.9 | 62.5 | 5.4 | 23.2 | 100.0 |
| Std. Error | 3.8 | 6.5 | 3.0 | 5.7 | |

Appendix E.19 Length composition of sockeye salmon in the Klakas Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | |
|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 |
| | | 1.2 | 1.3 | 2.2 | 2.3 |
| Sample Date: | (Sept. 7) | | | | |
| Male | Avg. Length | 513 | 597 | 533 | 589 |
| | Std. Error | 13.6 | 4.8 | 2.5 | 9.9 |
| | Sample Size | 4 | 17 | 2 | 6 |
| Female | Avg. Length | 530 | 560 | 430 | 557 |
| | Std. Error | | 7.0 | | 8.4 |
| | Sample Size | 1 | 18 | 1 | 7 |
| All Fish | Avg. Length | 516 | 578 | 498 | 572 |
| | Std. Error | 11.1 | 5.3 | 34.2 | 7.7 |
| | Sample Size | 5 | 35 | 3 | 13 |

Appendix E.20 Age composition of sockeye salmon in the Klawock Lake escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | | 1980 | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 3.3 | Total |
| Escapement Dates: | (June 27 - November 12) | | | | | | | | |
| Sample Dates: | (August 30 - October 14) | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 33 | 42 | 6 | 63 | 48 | 14 | | | 206 |
| Percent | 7.9 | 10.0 | 1.4 | 15.0 | 11.4 | 3.3 | | | 49.0 |
| Std. Error | 1.3 | 1.4 | 0.6 | 1.7 | 1.5 | 0.9 | | | 2.4 |
| Number | 610 | 776 | 111 | 1164 | 887 | 259 | | | 3808 |
| Female | | | | | | | | | |
| Sample Number | 34 | 26 | 12 | 78 | 40 | 21 | 1 | 2 | 214 |
| Percent | 8.1 | 6.2 | 2.9 | 18.6 | 9.5 | 5.0 | 0.2 | 0.5 | 51.0 |
| Std. Error | 1.3 | 1.1 | 0.8 | 1.8 | 1.4 | 1.0 | 0.2 | 0.3 | 2.4 |
| Number | 628 | 481 | 222 | 1442 | 739 | 388 | 18 | 37 | 3955 |
| All Fish | | | | | | | | | |
| Sample Number | 67 | 68 | 18 | 141 | 88 | 35 | 1 | 2 | 420 |
| Percent | 16.0 | 16.2 | 4.3 | 33.6 | 21.0 | 8.3 | 0.2 | 0.5 | 100.0 |
| Std. Error | 1.7 | 1.8 | 1.0 | 2.2 | 1.9 | 1.3 | 0.2 | 0.3 | |
| Number | 1238 | 1257 | 333 | 2606 | 1627 | 647 | 18 | 37 | 7763 |

Appendix E.21 Length composition of sockeye salmon in the Klawock Lake escapement by sex, age class, and escapement period, 1987.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | | 1980 |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 3.3 |
| Escapement Dates: | (June 27 - November 12) | | | | | | | | |
| Sample Dates: | (August 30 - October 14) | | | | | | | | |
| Male | Avg. Length | 386 | 511 | 423 | 589 | 521 | 567 | | |
| | Std. Error | 4.2 | 5.1 | 29.9 | 2.4 | 3.0 | 6.9 | | |
| | Sample Size | 33 | 42 | 6 | 63 | 48 | 14 | | |
| Female | Avg. Length | 371 | 509 | 395 | 561 | 508 | 547 | 550 | 580 |
| | Std. Error | 3.5 | 5.6 | 10.4 | 2.6 | 4.0 | 3.9 | | |
| | Sample Size | 34 | 26 | 12 | 78 | 40 | 21 | 1 | 2 |
| All Fish | Avg. Length | 379 | 511 | 404 | 573 | 515 | 555 | 550 | 580 |
| | Std. Error | 2.9 | 3.8 | 12.0 | 2.1 | 2.5 | 3.9 | | |
| | Sample Size | 67 | 68 | 18 | 141 | 88 | 35 | 1 | 2 |

Appendix E.22 Daily sockeye salmon counts and associated statistics from Klawock Lake weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| June | 27 | 0 | 0 | 0.0000 | 0.0000 |
| June | 28 | 0 | 0 | 0.0000 | 0.0000 |
| June | 29 | 0 | 0 | 0.0000 | 0.0000 |
| June | 30 | 0 | 0 | 0.0000 | 0.0000 |
| July | 1 | 0 | 0 | 0.0000 | 0.0000 |
| July | 2 | 0 | 0 | 0.0000 | 0.0000 |
| July | 3 | 0 | 0 | 0.0000 | 0.0000 |
| July | 4 | 0 | 0 | 0.0000 | 0.0000 |
| July | 5 | 0 | 0 | 0.0000 | 0.0000 |
| July | 6 | 0 | 0 | 0.0000 | 0.0000 |
| July | 7 | 0 | 0 | 0.0000 | 0.0000 |
| July | 8 | 0 | 0 | 0.0000 | 0.0000 |
| July | 9 | 0 | 0 | 0.0000 | 0.0000 |
| July | 10 | 0 | 0 | 0.0000 | 0.0000 |
| July | 11 | 0 | 0 | 0.0000 | 0.0000 |
| July | 12 | 0 | 0 | 0.0000 | 0.0000 |
| July | 13 | 15 | 15 | 0.0019 | 0.0019 |
| July | 14 | 0 | 15 | 0.0000 | 0.0019 |
| July | 15 | 0 | 15 | 0.0000 | 0.0019 |
| July | 16 | 0 | 15 | 0.0000 | 0.0019 |
| July | 17 | 0 | 15 | 0.0000 | 0.0019 |
| July | 18 | 0 | 15 | 0.0000 | 0.0019 |
| July | 19 | 0 | 15 | 0.0000 | 0.0019 |
| July | 20 | 0 | 15 | 0.0000 | 0.0019 |
| July | 21 | 0 | 15 | 0.0000 | 0.0019 |
| July | 22 | 0 | 15 | 0.0000 | 0.0019 |
| July | 23 | 0 | 15 | 0.0000 | 0.0019 |
| July | 24 | 0 | 15 | 0.0000 | 0.0019 |
| July | 25 | 0 | 15 | 0.0000 | 0.0019 |
| July | 26 | 0 | 15 | 0.0000 | 0.0019 |
| July | 27 | 0 | 15 | 0.0000 | 0.0019 |
| July | 28 | 0 | 15 | 0.0000 | 0.0019 |
| July | 29 | 0 | 15 | 0.0000 | 0.0019 |
| July | 30 | 300 | 315 | 0.0386 | 0.0406 |
| July | 31 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 1 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 2 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 3 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 4 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 5 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 6 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 7 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 8 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 9 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 10 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 11 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 12 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 13 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 14 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 15 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 16 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 17 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 18 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 19 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 20 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 21 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 22 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 23 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 24 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 25 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 26 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 27 | 0 | 315 | 0.0000 | 0.0406 |
| Aug. | 28 | 400 | 715 | 0.0515 | 0.0921 |
| Aug. | 29 | 0 | 715 | 0.0000 | 0.0921 |
| Aug. | 30 | 0 | 715 | 0.0000 | 0.0921 |
| Aug. | 31 | 0 | 715 | 0.0000 | 0.0921 |
| Sept. | 1 | 0 | 715 | 0.0000 | 0.0921 |
| Sept. | 2 | 0 | 715 | 0.0000 | 0.0921 |
| Sept. | 3 | 0 | 715 | 0.0000 | 0.0921 |
| Sept. | 4 | 330 | 1045 | 0.0425 | 0.1346 |
| Sept. | 5 | 0 | 1045 | 0.0000 | 0.1346 |

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Appendix E.22 Daily sockeye salmon counts and associated statistics from Klawock Lake weir, 1987 (continued).

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| Sept. | 6 | 0 | 1045 | 0.0000 | 0.1346 |
| Sept. | 7 | 0 | 1045 | 0.0000 | 0.1346 |
| Sept. | 8 | 928 | 1973 | 0.1195 | 0.2542 |
| Sept. | 9 | 610 | 2583 | 0.0786 | 0.3327 |
| Sept. | 10 | 1108 | 3691 | 0.1427 | 0.4755 |
| Sept. | 11 | 936 | 4627 | 0.1206 | 0.5960 |
| Sept. | 12 | 659 | 5286 | 0.0849 | 0.6809 |
| Sept. | 13 | 424 | 5710 | 0.0546 | 0.7355 |
| Sept. | 14 | 452 | 6162 | 0.0582 | 0.7938 |
| Sept. | 15 | 340 | 6502 | 0.0438 | 0.8376 |
| Sept. | 16 | 326 | 6828 | 0.0420 | 0.8796 |
| Sept. | 17 | 67 | 6895 | 0.0086 | 0.8882 |
| Sept. | 18 | 78 | 6973 | 0.0100 | 0.8982 |
| Sept. | 19 | 64 | 7037 | 0.0082 | 0.9065 |
| Sept. | 20 | 142 | 7179 | 0.0183 | 0.9248 |
| Sept. | 21 | 53 | 7232 | 0.0068 | 0.9316 |
| Sept. | 22 | 77 | 7309 | 0.0099 | 0.9415 |
| Sept. | 23 | 86 | 7395 | 0.0111 | 0.9526 |
| Sept. | 24 | 37 | 7432 | 0.0048 | 0.9574 |
| Sept. | 25 | 32 | 7464 | 0.0041 | 0.9615 |
| Sept. | 26 | 42 | 7506 | 0.0054 | 0.9669 |
| Sept. | 27 | 167 | 7673 | 0.0215 | 0.9884 |
| Sept. | 28 | 12 | 7685 | 0.0015 | 0.9900 |
| Sept. | 29 | 36 | 7721 | 0.0046 | 0.9946 |
| Sept. | 30 | 21 | 7742 | 0.0027 | 0.9973 |
| Oct. | 1 | 2 | 7744 | 0.0003 | 0.9976 |
| Oct. | 2 | 0 | 7744 | 0.0000 | 0.9976 |
| Oct. | 3 | 0 | 7744 | 0.0000 | 0.9976 |
| Oct. | 4 | 10 | 7754 | 0.0013 | 0.9988 |
| Oct. | 5 | 7 | 7761 | 0.0009 | 0.9997 |
| Oct. | 6 | 0 | 7761 | 0.0000 | 0.9997 |
| Oct. | 7 | 1 | 7762 | 0.0001 | 0.9999 |
| Oct. | 8 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 9 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 10 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 11 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 12 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 13 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 14 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 15 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 16 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 17 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 18 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 19 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 20 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 21 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 22 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 23 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 24 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 25 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 26 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 27 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 28 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 29 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 30 | 0 | 7762 | 0.0000 | 0.9999 |
| Oct. | 31 | 0 | 7762 | 0.0000 | 0.9999 |
| Nov. | 1 | 0 | 7762 | 0.0000 | 0.9999 |
| Nov. | 2 | 0 | 7762 | 0.0000 | 0.9999 |
| Nov. | 3 | 0 | 7762 | 0.0000 | 0.9999 |
| Nov. | 4 | 0 | 7762 | 0.0000 | 0.9999 |
| Nov. | 5 | 0 | 7762 | 0.0000 | 0.9999 |
| Nov. | 6 | 0 | 7762 | 0.0000 | 0.9999 |
| Nov. | 7 | 0 | 7762 | 0.0000 | 0.9999 |
| Nov. | 8 | 0 | 7762 | 0.0000 | 0.9999 |
| Nov. | 9 | 0 | 7762 | 0.0000 | 0.9999 |
| Nov. | 10 | 0 | 7762 | 0.0000 | 0.9999 |
| Nov. | 11 | 0 | 7762 | 0.0000 | 0.9999 |
| Nov. | 12 | 1 | 7763 | 0.0001 | 1.0000 |
| Nov. | 13 | 0 | 7763 | 0.0000 | 1.0000 |

Mean Day of Migration = Sept. 10 Variance = 112.5 Days squared

Appendix E.23 Age composition of sockeye salmon in the upper Sarkar Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | Total |
| Sample Date: | (Sept. 16) | | | | | | |
| Male | | | | | | | |
| Sample Number | 4 | 16 | 5 | 8 | 15 | 3 | 51 |
| Percent | 5.3 | 21.1 | 6.6 | 10.5 | 19.7 | 3.9 | 67.1 |
| Std. Error | 2.6 | 4.7 | 2.9 | 3.5 | 4.6 | 2.2 | 5.4 |
| Female | | | | | | | |
| Sample Number | 1 | 6 | | 2 | 15 | 1 | 25 |
| Percent | 1.3 | 7.9 | | 2.6 | 19.7 | 1.3 | 32.9 |
| Std. Error | 1.3 | 3.1 | | 1.8 | 4.6 | 1.3 | 5.4 |
| All Fish | | | | | | | |
| Sample Number | 5 | 22 | 5 | 10 | 30 | 4 | 76 |
| Percent | 6.6 | 28.9 | 6.6 | 13.2 | 39.5 | 5.3 | 100.0 |
| Std. Error | 2.9 | 5.2 | 2.9 | 3.9 | 5.6 | 2.6 | |

Appendix E.24 Length composition of sockeye salmon in the upper Sarkar Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 |
| Sample Date: | (Sept. 16) | | | | | | |
| Male | Avg. Length | 354 | 499 | 410 | 574 | 515 | 550 |
| | Std. Error | 9.9 | 5.4 | 11.8 | 7.6 | 6.2 | 5.8 |
| | Sample Size | 4 | 16 | 5 | 8 | 15 | 3 |
| Female | Avg. Length | 490 | 453 | | 550 | 464 | 540 |
| | Std. Error | | 10.5 | | 10.0 | 6.0 | |
| | Sample Size | 1 | 6 | | 2 | 15 | 1 |
| All Fish | Avg. Length | 381 | 487 | 410 | 570 | 490 | 548 |
| | Std. Error | 28.3 | 6.6 | 11.8 | 7.0 | 6.3 | 4.8 |
| | Sample Size | 5 | 22 | 5 | 10 | 30 | 4 |

Appendix E.25 Age composition of sockeye salmon in the Luck Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | Total |
| Sample Date: | (Sept. 16) | | | | | | |
| Male | | | | | | | |
| Sample Number | 40 | 10 | 1 | 3 | 1 | | 55 |
| Percent | 57.1 | 14.3 | 1.4 | 4.3 | 1.4 | | 78.6 |
| Std. Error | 5.9 | 4.2 | 1.4 | 2.4 | 1.4 | | 4.9 |
| Female | | | | | | | |
| Sample Number | | 1 | | 11 | 2 | 1 | 15 |
| Percent | | 1.4 | | 15.7 | 2.9 | 1.4 | 21.4 |
| Std. Error | | 1.4 | | 4.4 | 2.0 | 1.4 | 4.9 |
| All Fish | | | | | | | |
| Sample Number | 40 | 11 | 1 | 14 | 3 | 1 | 70 |
| Percent | 57.1 | 15.7 | 1.4 | 20.0 | 4.3 | 1.4 | 100.0 |
| Std. Error | 5.9 | 4.4 | 1.4 | 4.8 | 2.4 | 1.4 | |

Appendix E.26 Length composition of sockeye salmon in the Luck Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 |
| Sample Date: | (Sept. 16) | | | | | | |
| Male | Avg. Length | 340 | 444 | 340 | 560 | 320 | |
| | Std. Error | 3.9 | 8.2 | | 5.8 | | |
| | Sample Size | 40 | 10 | 1 | 3 | 1 | |
| Female | Avg. Length | | 440 | | 556 | 525 | 590 |
| | Std. Error | | | | 8.4 | 25.0 | |
| | Sample Size | | 1 | | 11 | 2 | 1 |
| All Fish | Avg. Length | 340 | 443 | 340 | 557 | 457 | 590 |
| | Std. Error | 3.9 | 7.4 | | 6.6 | 69.8 | |
| | Sample Size | 40 | 11 | 1 | 14 | 3 | 1 |

Appendix E.27 Age composition of sockeye salmon in the Salmon Bay Lake escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | | 1982 | | | 1981 | | | |
| | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.2 | Total |
| Escapement Dates: | (June 25 - July 18) | | | | | | | | | | |
| Sample Dates: | (June 30 - July 18) | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | 6 | | 58 | 1 | 110 | 24 | | | 18 | 1 | 218 |
| Percent | 1.6 | | 15.5 | 0.3 | 29.4 | 6.4 | | | 4.8 | 0.3 | 58.3 |
| Std. Error | 0.5 | | 1.6 | 0.2 | 2.0 | 1.1 | | | 0.9 | 0.2 | 2.1 |
| Number | 21 | | 199 | 3 | 377 | 82 | | | 62 | 3 | 747 |
| Female | | | | | | | | | | | |
| Sample Number | 1 | 1 | 4 | | 135 | 3 | | 1 | 11 | | 156 |
| Percent | 0.3 | 0.3 | 1.1 | | 36.1 | 0.8 | | 0.3 | 2.9 | | 41.7 |
| Std. Error | 0.2 | 0.2 | 0.4 | | 2.1 | 0.4 | | 0.2 | 0.7 | | 2.1 |
| Number | 3 | 3 | 14 | | 463 | 10 | | 3 | 38 | | 534 |
| All Fish | | | | | | | | | | | |
| Sample Number | 7 | 1 | 62 | 1 | 245 | 27 | | 1 | 29 | 1 | 374 |
| Percent | 1.9 | 0.3 | 16.6 | 0.3 | 65.5 | 7.2 | | 0.3 | 7.8 | 0.3 | 100.0 |
| Std. Error | 0.6 | 0.2 | 1.6 | 0.2 | 2.1 | 1.1 | | 0.2 | 1.2 | 0.2 | |
| Number | 24 | 3 | 213 | 3 | 840 | 92 | | 3 | 100 | 3 | 1281 |
| Escapement Dates: | (July 19 - 25) | | | | | | | | | | |
| Sample Dates: | (July 19 - 25) | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | 4 | | 27 | 1 | 155 | 13 | | | 13 | 5 | 218 |
| Percent | 1.0 | | 6.6 | 0.3 | 38.8 | 3.3 | | | 3.3 | 1.3 | 54.5 |
| Std. Error | 0.4 | | 1.1 | 0.2 | 2.2 | 0.8 | | | 0.8 | 0.5 | 2.2 |
| Number | 20 | | 133 | 5 | 761 | 64 | | | 64 | 25 | 1072 |
| Female | | | | | | | | | | | |
| Sample Number | | | 3 | | 163 | 2 | | 1 | 12 | 1 | 182 |
| Percent | | | 0.6 | | 40.8 | 0.5 | | 0.3 | 3.0 | 0.3 | 45.5 |
| Std. Error | | | 0.4 | | 2.2 | 0.3 | | 0.2 | 0.8 | 0.2 | 2.2 |
| Number | | | 15 | | 801 | 10 | | 5 | 59 | 5 | 895 |
| All Fish | | | | | | | | | | | |
| Sample Number | 4 | | 30 | 1 | 318 | 15 | | 1 | 25 | 6 | 400 |
| Percent | 1.0 | | 7.5 | 0.3 | 79.5 | 3.8 | | 0.3 | 6.3 | 1.5 | 100.0 |
| Std. Error | 0.4 | | 1.2 | 0.2 | 1.8 | 0.8 | | 0.2 | 1.1 | 0.5 | |
| Number | 20 | | 148 | 5 | 1562 | 74 | | 5 | 123 | 30 | 1967 |
| Escapement Dates: | (July 26 - August 8) | | | | | | | | | | |
| Sample Dates: | (July 26 - August 8) | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | 79 | | 17 | 13 | 124 | 15 | 2 | | 16 | 1 | 267 |
| Percent | 19.7 | | 4.2 | 3.2 | 30.8 | 3.7 | 0.5 | | 4.0 | 0.2 | 66.4 |
| Std. Error | 1.4 | | 0.7 | 0.6 | 1.6 | 0.7 | 0.2 | | 0.7 | 0.2 | 1.6 |
| Number | 155 | | 33 | 25 | 244 | 29 | 4 | | 31 | 2 | 523 |
| Female | | | | | | | | | | | |
| Sample Number | | | 6 | | 120 | 2 | | | 7 | | 135 |
| Percent | | | 1.5 | | 29.9 | 0.5 | | | 1.7 | | 33.6 |
| Std. Error | | | 0.4 | | 1.6 | 0.2 | | | 0.5 | | 1.6 |
| Number | | | 12 | | 234 | 4 | | | 14 | | 264 |
| All Fish | | | | | | | | | | | |
| Sample Number | 79 | | 23 | 13 | 244 | 17 | 2 | | 23 | 1 | 402 |
| Percent | 19.7 | | 5.7 | 3.2 | 60.7 | 4.2 | 0.5 | | 5.7 | 0.2 | 100.0 |
| Std. Error | 1.4 | | 0.8 | 0.6 | 1.7 | 0.7 | 0.2 | | 0.8 | 0.2 | |
| Number | 155 | | 45 | 25 | 478 | 33 | 4 | | 45 | 2 | 787 |

-Continued-

Appendix E.27 Age composition of sockeye salmon in the Salmon Bay Lake escapement by sex, age class, and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | | 1982 | | | 1981 | | | |
| | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.2 | Total |
| Escapement Dates: (August 9 - Sept. 5) | | | | | | | | | | | |
| Sample Dates: (August 9 - Sept. 3) | | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | 69 | | 29 | 11 | 149 | 4 | | | 14 | 1 | 277 |
| Percent | 10.3 | | 4.3 | 1.6 | 22.3 | 0.6 | | | 2.1 | 0.1 | 41.5 |
| Std. Error | 1.1 | | 0.8 | 0.5 | 1.5 | 0.3 | | | 0.5 | 0.1 | 1.8 |
| Number | 753 | | 316 | 120 | 1627 | 44 | | | 153 | 11 | 3024 |
| Female | | | | | | | | | | | |
| Sample Number | | | 16 | | 335 | 12 | | | 23 | 5 | 391 |
| Percent | | | 2.4 | | 50.1 | 1.8 | | | 3.4 | 0.7 | 58.5 |
| Std. Error | | | 0.6 | | 1.8 | 0.5 | | | 0.7 | 0.3 | 1.8 |
| Number | | | 175 | | 3657 | 131 | | | 251 | 55 | 4269 |
| All Fish | | | | | | | | | | | |
| Sample Number | 69 | | 45 | 11 | 484 | 16 | | | 37 | 6 | 668 |
| Percent | 10.3 | | 6.7 | 1.6 | 72.5 | 2.4 | | | 5.5 | 0.9 | 100.0 |
| Std. Error | 1.1 | | 0.9 | 0.5 | 1.6 | 0.6 | | | 0.8 | 0.3 | |
| Number | 753 | | 491 | 120 | 5284 | 175 | | | 404 | 66 | 7293 |
| Escapement Dates: (Sept. 6 - 16) | | | | | | | | | | | |
| Sample Dates: (Sept. 7 - 11) | | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | 2 | 1 | 6 | 1 | 54 | 1 | | | 10 | 1 | 76 |
| Percent | 0.8 | 0.4 | 2.4 | 0.4 | 21.8 | 0.4 | | | 4.0 | 0.4 | 30.6 |
| Std. Error | 0.5 | 0.4 | 0.9 | 0.4 | 2.4 | 0.4 | | | 1.1 | 0.4 | 2.6 |
| Number | 11 | 5 | 32 | 5 | 293 | 5 | | | 54 | 5 | 410 |
| Female | | | | | | | | | | | |
| Sample Number | | | 7 | | 145 | 2 | | 1 | 15 | 2 | 172 |
| Percent | | | 2.8 | | 58.5 | 0.8 | | 0.4 | 6.0 | 0.8 | 69.4 |
| Std. Error | | | 1.0 | | 2.8 | 0.5 | | 0.4 | 1.4 | 0.5 | 2.6 |
| Number | | | 38 | | 782 | 11 | | 5 | 81 | 11 | 928 |
| All Fish | | | | | | | | | | | |
| Sample Number | 2 | 1 | 13 | 1 | 199 | 3 | | 1 | 25 | 3 | 248 |
| Percent | 0.8 | 0.4 | 5.2 | 0.4 | 80.2 | 1.2 | | 0.4 | 10.1 | 1.2 | 100.0 |
| Std. Error | 0.5 | 0.4 | 1.3 | 0.4 | 2.3 | 0.6 | | 0.4 | 1.7 | 0.6 | |
| Number | 11 | 5 | 70 | 5 | 1075 | 16 | | 5 | 135 | 16 | 1338 |
| Combined Periods (Percentages are weighted by period escapements) | | | | | | | | | | | |
| Male | | | | | | | | | | | |
| Sample Number | 160 | 1 | 137 | 27 | 592 | 57 | 2 | | 71 | 9 | 1056 |
| Percent | 7.6 | <0.1 | 5.6 | 1.3 | 26.1 | 1.8 | <0.1 | | 2.9 | 0.4 | 45.6 |
| Std. Error | 0.7 | <0.1 | 0.5 | 0.3 | 1.0 | 0.2 | <0.1 | | 0.4 | 0.1 | 1.2 |
| Number | 960 | 5 | 713 | 158 | 3302 | 224 | 4 | | 364 | 46 | 5776 |
| Female | | | | | | | | | | | |
| Sample Number | 1 | 1 | 36 | | 898 | 21 | | 3 | 68 | 8 | 1036 |
| Percent | <0.1 | <0.1 | 2.0 | | 46.9 | 1.3 | | 0.1 | 3.5 | 0.6 | 54.4 |
| Std. Error | <0.1 | <0.1 | 0.3 | | 1.2 | 0.3 | | 0.1 | 0.4 | 0.2 | 1.2 |
| Number | 3 | 3 | 254 | | 5937 | 166 | | 13 | 443 | 71 | 6890 |
| All Fish | | | | | | | | | | | |
| Sample Number | 161 | 2 | 173 | 27 | 1490 | 78 | 2 | 3 | 139 | 17 | 2092 |
| Percent | 7.6 | 0.1 | 7.6 | 1.3 | 72.9 | 3.1 | <0.1 | 0.1 | 6.4 | 0.9 | 100.0 |
| Std. Error | 0.7 | <0.1 | 0.6 | 0.3 | 1.0 | 0.4 | <0.1 | 0.1 | 0.6 | 0.2 | |
| Number | 963 | 8 | 967 | 158 | 9239 | 390 | 4 | 13 | 807 | 117 | 12666 |

Appendix E.28 Length composition of sockeye salmon in the Salmon Bay escapement by sex, age class, and escapement period, 1987.

| | | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | | 1982 | | | 1981 | | |
| | | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 3.1 | 1.4 | 2.3 | 3.2 |
| Escapement Dates: (June 25 - July 18) | | | | | | | | | | | |
| Sample Dates: (June 30 - July 18) | | | | | | | | | | | |
| Male | Avg. Length | 371 | | 467 | 375 | 600 | 458 | | | 568 | 555 |
| | Std. Error | 9.2 | | 4.9 | | 2.4 | 5.8 | | | 10.3 | |
| | Sample Size | 6 | | 58 | 1 | 110 | 24 | | | 18 | 1 |
| Female | Avg. Length | 325 | 595 | 526 | | 578 | 530 | | 605 | 567 | |
| | Std. Error | | | 11.8 | | 2.1 | 26.5 | | | 7.8 | |
| | Sample Size | 1 | 1 | 4 | | 135 | 3 | | 1 | 11 | |
| All Fish | Avg. Length | 364 | 595 | 471 | 375 | 588 | 466 | | 605 | 568 | 555 |
| | Std. Error | 10.1 | | 5.0 | | 1.7 | 7.2 | | | 6.9 | |
| | Sample Size | 7 | 1 | 62 | 1 | 245 | 27 | | 1 | 29 | 1 |
| Escapement Dates: (July 19 - 25) | | | | | | | | | | | |
| Sample Dates: (July 19 - 25) | | | | | | | | | | | |
| Male | Avg. Length | 415 | | 468 | 345 | 594 | 497 | | | 600 | 510 |
| | Std. Error | 61.2 | | 9.0 | | 3.8 | 14.1 | | | 6.6 | 9.7 |
| | Sample Size | 4 | | 27 | 1 | 154 | 13 | | | 13 | 5 |
| Female | Avg. Length | | | 568 | | 580 | 560 | | 600 | 587 | 520 |
| | Std. Error | | | 22.4 | | 2.4 | 10.0 | | | 9.5 | |
| | Sample Size | | | 3 | | 163 | 2 | | 1 | 12 | 1 |
| All Fish | Avg. Length | 415 | | 478 | 345 | 587 | 506 | | 600 | 593 | 512 |
| | Std. Error | 61.2 | | 10.0 | | 2.2 | 13.4 | | | 5.7 | 8.1 |
| | Sample Size | 4 | | 30 | 1 | 317 | 15 | | 1 | 25 | 6 |
| Escapement Dates: (July 26 - August 8) | | | | | | | | | | | |
| Sample Dates: (July 26 - August 8) | | | | | | | | | | | |
| Male | Avg. Length | 351 | | 456 | 361 | 606 | 484 | 353 | | 596 | 535 |
| | Std. Error | 2.4 | | 9.0 | 7.1 | 2.0 | 12.9 | 7.5 | | 6.3 | |
| | Sample Size | 79 | | 17 | 13 | 124 | 15 | 2 | | 16 | 1 |
| Female | Avg. Length | | | 507 | | 584 | 528 | | | 584 | |
| | Std. Error | | | 9.7 | | 2.0 | 27.5 | | | 8.7 | |
| | Sample Size | | | 6 | | 120 | 2 | | | 7 | |
| All Fish | Avg. Length | 351 | | 469 | 361 | 595 | 489 | 353 | | 592 | 535 |
| | Std. Error | 2.4 | | 8.5 | 7.1 | 1.6 | 12.1 | 7.5 | | 5.1 | |
| | Sample Size | 79 | | 23 | 13 | 244 | 17 | 2 | | 23 | 1 |
| Escapement Dates: (August 9 - Sept. 5) | | | | | | | | | | | |
| Sample Dates: (August 9 - Sept. 3) | | | | | | | | | | | |
| Male | Avg. Length | 359 | | 465 | 372 | 608 | 511 | | | 600 | 575 |
| | Std. Error | 3.9 | | 8.4 | 6.9 | 2.4 | 42.7 | | | 8.1 | |
| | Sample Size | 69 | | 29 | 11 | 149 | 4 | | | 14 | 1 |
| Female | Avg. Length | | | 503 | | 584 | 534 | | | 588 | 512 |
| | Std. Error | | | 8.8 | | 1.5 | 8.6 | | | 4.8 | 19.1 |
| | Sample Size | | | 16 | | 334 | 12 | | | 23 | 5 |
| All Fish | Avg. Length | 359 | | 479 | 372 | 591 | 528 | | | 592 | 523 |
| | Std. Error | 3.9 | | 6.8 | 6.9 | 1.3 | 11.8 | | | 4.3 | 18.8 |
| | Sample Size | 69 | | 45 | 11 | 483 | 16 | | | 37 | 6 |
| Escapement Dates: (Sept. 6 - 16) | | | | | | | | | | | |
| Sample Dates: (Sept. 7 - 11) | | | | | | | | | | | |
| Male | Avg. Length | 385 | 545 | 464 | 395 | 609 | 470 | | | 576 | 420 |
| | Std. Error | 5.0 | | 11.1 | | 3.1 | | | | 7.5 | |
| | Sample Size | 2 | 1 | 6 | 1 | 54 | 1 | | | 10 | 1 |
| Female | Avg. Length | | | 497 | | 578 | 545 | | 575 | 576 | 535 |
| | Std. Error | | | 4.7 | | 1.9 | 65.0 | | | 6.1 | |
| | Sample Size | | | 7 | | 145 | 2 | | 1 | 15 | 2 |
| All Fish | Avg. Length | 385 | 545 | 482 | 395 | 587 | 520 | | 575 | 576 | 497 |
| | Std. Error | 5.0 | | 7.2 | | 1.9 | 45.1 | | | 4.6 | 38.3 |
| | Sample Size | 2 | 1 | 13 | 1 | 199 | 3 | | 1 | 25 | 3 |
| Combined Periods (Unweighted) | | | | | | | | | | | |
| Male | Avg. Length | 357 | 545 | 465 | 367 | 603 | 478 | 353 | | 588 | 515 |
| | Std. Error | 2.6 | | 3.4 | 4.6 | 1.4 | 6.3 | 7.5 | | 4.0 | 15.2 |
| | Sample Size | 160 | 1 | 137 | 27 | 591 | 57 | 2 | | 71 | 9 |
| Female | Avg. Length | 325 | 595 | 511 | | 581 | 536 | | 593 | 581 | 519 |
| | Std. Error | | | 5.6 | | 0.9 | 7.8 | | 9.3 | 3.1 | 12.0 |
| | Sample Size | 1 | 1 | 36 | | 897 | 21 | | 3 | 68 | 8 |
| All Fish | Avg. Length | 357 | 570 | 475 | 367 | 590 | 493 | 353 | 593 | 584 | 517 |
| | Std. Error | 2.6 | 25.0 | 3.3 | 4.6 | 0.8 | 5.8 | 7.5 | 9.3 | 2.6 | 9.5 |
| | Sample Size | 161 | 2 | 173 | 27 | 1488 | 78 | 2 | 3 | 139 | 17 |

Appendix E.29 Daily sockeye salmon counts and associated statistics from the Salmon Bay Lake weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| June | 25 | 0 | 0 | 0.0000 | 0.0000 |
| June | 26 | 0 | 0 | 0.0000 | 0.0000 |
| June | 27 | 0 | 0 | 0.0000 | 0.0000 |
| June | 28 | 8 | 8 | 0.0006 | 0.0006 |
| June | 29 | 6 | 14 | 0.0005 | 0.0011 |
| June | 30 | 15 | 29 | 0.0012 | 0.0023 |
| July | 1 | 44 | 73 | 0.0035 | 0.0058 |
| July | 2 | 71 | 144 | 0.0056 | 0.0114 |
| July | 3 | 2 | 146 | 0.0002 | 0.0115 |
| July | 4 | 0 | 146 | 0.0000 | 0.0115 |
| July | 5 | 1 | 147 | 0.0001 | 0.0116 |
| July | 6 | 2 | 149 | 0.0002 | 0.0118 |
| July | 7 | 1 | 150 | 0.0001 | 0.0118 |
| July | 8 | 9 | 159 | 0.0007 | 0.0126 |
| July | 9 | 22 | 181 | 0.0017 | 0.0143 |
| July | 10 | 25 | 206 | 0.0020 | 0.0163 |
| July | 11 | 17 | 223 | 0.0013 | 0.0176 |
| July | 12 | 2 | 225 | 0.0002 | 0.0178 |
| July | 13 | 69 | 294 | 0.0054 | 0.0232 |
| July | 14 | 1 | 295 | 0.0001 | 0.0233 |
| July | 15 | 451 | 746 | 0.0356 | 0.0589 |
| July | 16 | 425 | 1171 | 0.0336 | 0.0925 |
| July | 17 | 68 | 1239 | 0.0054 | 0.0978 |
| July | 18 | 42 | 1281 | 0.0033 | 0.1011 |
| July | 19 | 681 | 1962 | 0.0538 | 0.1549 |
| July | 20 | 433 | 2395 | 0.0342 | 0.1891 |
| July | 21 | 129 | 2524 | 0.0102 | 0.1993 |
| July | 22 | 611 | 3135 | 0.0482 | 0.2475 |
| July | 23 | 60 | 3195 | 0.0047 | 0.2523 |
| July | 24 | 14 | 3209 | 0.0011 | 0.2534 |
| July | 25 | 39 | 3248 | 0.0031 | 0.2564 |
| July | 26 | 66 | 3314 | 0.0052 | 0.2616 |
| July | 27 | 20 | 3334 | 0.0016 | 0.2632 |
| July | 28 | 33 | 3367 | 0.0026 | 0.2658 |
| July | 29 | 6 | 3373 | 0.0005 | 0.2663 |
| July | 30 | 28 | 3401 | 0.0022 | 0.2685 |
| July | 31 | 6 | 3407 | 0.0005 | 0.2690 |
| Aug. | 1 | 16 | 3423 | 0.0013 | 0.2703 |
| Aug. | 2 | 4 | 3427 | 0.0003 | 0.2706 |
| Aug. | 3 | 7 | 3434 | 0.0006 | 0.2711 |
| Aug. | 4 | 20 | 3454 | 0.0016 | 0.2727 |
| Aug. | 5 | 90 | 3544 | 0.0071 | 0.2798 |
| Aug. | 6 | 130 | 3674 | 0.0103 | 0.2901 |
| Aug. | 7 | 202 | 3876 | 0.0159 | 0.3060 |
| Aug. | 8 | 159 | 4035 | 0.0126 | 0.3186 |
| Aug. | 9 | 85 | 4120 | 0.0067 | 0.3253 |
| Aug. | 10 | 15 | 4135 | 0.0012 | 0.3265 |

-Continued-

Appendix E.29 Daily sockeye salmon counts and associated statistics from the Salmon Bay Lake weir, 1987 (continued).

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| Aug. | 11 | 81 | 4216 | 0.0064 | 0.3329 |
| Aug. | 12 | 44 | 4260 | 0.0035 | 0.3363 |
| Aug. | 13 | 714 | 4974 | 0.0564 | 0.3927 |
| Aug. | 14 | 1 | 4975 | 0.0001 | 0.3928 |
| Aug. | 15 | 20 | 4995 | 0.0016 | 0.3944 |
| Aug. | 16 | 17 | 5012 | 0.0013 | 0.3957 |
| Aug. | 17 | 17 | 5029 | 0.0013 | 0.3970 |
| Aug. | 18 | 11 | 5040 | 0.0009 | 0.3979 |
| Aug. | 19 | 19 | 5059 | 0.0015 | 0.3994 |
| Aug. | 20 | 5 | 5064 | 0.0004 | 0.3998 |
| Aug. | 21 | 17 | 5081 | 0.0013 | 0.4012 |
| Aug. | 22 | 36 | 5117 | 0.0028 | 0.4040 |
| Aug. | 23 | 29 | 5146 | 0.0023 | 0.4063 |
| Aug. | 24 | 30 | 5176 | 0.0024 | 0.4087 |
| Aug. | 25 | 35 | 5211 | 0.0028 | 0.4114 |
| Aug. | 26 | 18 | 5229 | 0.0014 | 0.4128 |
| Aug. | 27 | 28 | 5257 | 0.0022 | 0.4150 |
| Aug. | 28 | 36 | 5293 | 0.0028 | 0.4179 |
| Aug. | 29 | 52 | 5345 | 0.0041 | 0.4220 |
| Aug. | 30 | 363 | 5708 | 0.0287 | 0.4507 |
| Aug. | 31 | 903 | 6611 | 0.0713 | 0.5219 |
| Sept. | 1 | 2919 | 9530 | 0.2305 | 0.7524 |
| Sept. | 2 | 594 | 10124 | 0.0469 | 0.7993 |
| Sept. | 3 | 566 | 10690 | 0.0447 | 0.8440 |
| Sept. | 4 | 396 | 11086 | 0.0313 | 0.8753 |
| Sept. | 5 | 242 | 11328 | 0.0191 | 0.8944 |
| Sept. | 6 | 153 | 11481 | 0.0121 | 0.9064 |
| Sept. | 7 | 90 | 11571 | 0.0071 | 0.9135 |
| Sept. | 8 | 82 | 11653 | 0.0065 | 0.9200 |
| Sept. | 9 | 103 | 11756 | 0.0081 | 0.9282 |
| Sept. | 10 | 406 | 12162 | 0.0321 | 0.9602 |
| Sept. | 11 | 419 | 12581 | 0.0331 | 0.9933 |
| Sept. | 12 | 28 | 12609 | 0.0022 | 0.9955 |
| Sept. | 13 | 7 | 12616 | 0.0006 | 0.9961 |
| Sept. | 14 | 13 | 12629 | 0.0010 | 0.9971 |
| Sept. | 15 | 30 | 12659 | 0.0024 | 0.9994 |
| Sept. | 16 | 7 | 12666 | 0.0006 | 1.0000 |

Mean Day of Migration = Aug. 18 Variance = 425.4 Days squared

Appendix E.30 Age composition of sockeye salmon in the Petersburg Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | 1980 | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.3 | Total |
| Sample Dates: | (August 18 - 19) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 3 | 22 | 10 | 78 | 11 | 43 | | 167 |
| Percent | 0.6 | 4.5 | 2.1 | 16.1 | 2.3 | 8.9 | | 34.5 |
| Std. Error | 0.4 | 0.9 | 0.6 | 1.7 | 0.7 | 1.3 | | 2.1 |
| Female | | | | | | | | |
| Sample Number | | 1 | | 240 | | 75 | 1 | 317 |
| Percent | | 0.2 | | 49.6 | | 15.5 | 0.2 | 65.5 |
| Std. Error | | 0.2 | | 2.2 | | 1.6 | 0.2 | 2.1 |
| All Fish | | | | | | | | |
| Sample Number | 3 | 23 | 10 | 318 | 11 | 118 | 1 | 484 |
| Percent | 0.6 | 4.8 | 2.1 | 65.7 | 2.3 | 24.4 | 0.2 | 100.0 |
| Std. Error | 0.4 | 1.0 | 0.6 | 2.1 | 0.7 | 1.9 | 0.2 | |

Appendix E.31 Length composition of sockeye salmon in the Petersburg Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | 1980 |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.3 |
| Sample Dates: | (August 18 - 19) | | | | | | | |
| Male | Avg. Length | 337 | 443 | 345 | 592 | 462 | 596 | |
| | Std. Error | 19.2 | 5.4 | 5.6 | 2.8 | 9.5 | 3.9 | |
| | Sample Size | 3 | 22 | 10 | 78 | 11 | 43 | |
| Female | Avg. Length | | 510 | | 576 | | 574 | 635 |
| | Std. Error | | | | 1.5 | | 2.4 | |
| | Sample Size | | 1 | | 240 | | 75 | 1 |
| All Fish | Avg. Length | 337 | 446 | 345 | 580 | 462 | 582 | 635 |
| | Std. Error | 19.2 | 5.9 | 5.6 | 1.4 | 9.5 | 2.3 | |
| | Sample Size | 3 | 23 | 10 | 318 | 11 | 118 | 1 |

Appendix E.32 Age composition of sockeye salmon in the Thoms Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1983 | | 1982 | | | 1981 | | | 1980 | |
| | 1.2 | 2.1 | 1.3 | 2.2 | 3.1 | 2.3 | 3.2 | 4.1 | 3.3 | Total |
| Sample Dates: | (Sept. 9 - 11) | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 22 | 44 | 36 | 71 | 5 | 25 | 5 | 1 | 1 | 210 |
| Percent | 5.7 | 11.4 | 9.3 | 18.3 | 1.3 | 6.5 | 1.3 | 0.3 | 0.3 | 54.3 |
| Std. Error | 1.2 | 1.6 | 1.5 | 2.0 | 0.6 | 1.2 | 0.6 | 0.3 | 0.3 | 2.5 |
| Female | | | | | | | | | | |
| Sample Number | 3 | 1 | 63 | 46 | | 52 | 11 | | 1 | 177 |
| Percent | 0.8 | 0.3 | 16.3 | 11.9 | | 13.4 | 2.8 | | 0.3 | 45.7 |
| Std. Error | 0.4 | 0.3 | 1.9 | 1.6 | | 1.7 | 0.8 | | 0.3 | 2.5 |
| All Fish | | | | | | | | | | |
| Sample Number | 25 | 45 | 99 | 117 | 5 | 77 | 16 | 1 | 2 | 387 |
| Percent | 6.5 | 11.6 | 25.6 | 30.2 | 1.3 | 19.9 | 4.1 | 0.3 | 0.5 | 100.0 |
| Std. Error | 1.2 | 1.6 | 2.2 | 2.3 | 0.6 | 2.0 | 1.0 | 0.3 | 0.4 | |

Appendix E.33 Length composition of sockeye salmon in the Thoms Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | | 1981 | | | 1980 |
| | | 1.2 | 2.1 | 1.3 | 2.2 | 3.1 | 2.3 | 3.2 | 4.1 | 3.3 |
| Sample Dates: | (Sept. 9 - 11) | | | | | | | | | |
| Male | Avg. Length | 514 | 391 | 597 | 522 | 383 | 598 | 521 | 365 | 580 |
| | Std. Error | 5.4 | 6.1 | 3.2 | 3.7 | 3.0 | 4.3 | 10.2 | | |
| | Sample Size | 22 | 44 | 36 | 71 | 5 | 25 | 5 | 1 | 1 |
| Female | Avg. Length | 518 | 380 | 583 | 517 | | 572 | 508 | | 590 |
| | Std. Error | 19.2 | | 2.5 | 2.5 | | 3.1 | 5.6 | | |
| | Sample Size | 3 | 1 | 63 | 46 | | 52 | 11 | | 1 |
| All Fish | Avg. Length | 515 | 391 | 588 | 520 | 383 | 580 | 512 | 365 | 585 |
| | Std. Error | 5.1 | 6.0 | 2.1 | 2.5 | 3.0 | 2.9 | 5.1 | | 5.0 |
| | Sample Size | 25 | 45 | 99 | 117 | 5 | 77 | 16 | 1 | 2 |

Appendix E.34 Age composition of sockeye salmon in the Iskut River escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | |
| | 0.2 | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 | Total |
| Sample Date: | (August 29) | | | | | | |
| Male | | | | | | | |
| Sample Number | 3 | 1 | 14 | 9 | 2 | | 29 |
| Percent | 5.7 | 1.9 | 26.4 | 17.0 | 3.8 | | 54.7 |
| Std. Error | 3.2 | 1.9 | 6.1 | 5.2 | 2.6 | | 6.9 |
| Female | | | | | | | |
| Sample Number | | 4 | 2 | 16 | | 2 | 24 |
| Percent | | 7.5 | 3.8 | 30.2 | | 3.8 | 45.3 |
| Std. Error | | 3.7 | 2.6 | 6.4 | | 2.6 | 6.9 |
| All Fish | | | | | | | |
| Sample Number | 3 | 5 | 16 | 25 | 2 | 2 | 53 |
| Percent | 5.7 | 9.4 | 30.2 | 47.2 | 3.8 | 3.8 | 100.0 |
| Std. Error | 3.2 | 4.0 | 6.4 | 6.9 | 2.6 | 2.6 | |

Appendix E.35 Length composition of sockeye salmon in the Iskut River escapement by sex and age class, 1987. 1/

| | | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 |
| | | 0.2 | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 |
| Sample Date: | (August 29) | | | | | | |
| Male | Avg. Length | 450 | 601 | 455 | 584 | 488 | |
| | Std. Error | 12.6 | | 13.3 | 18.5 | 22.0 | |
| | Sample Size | 3 | 1 | 14 | 9 | 2 | |
| Female | Avg. Length | | 587 | 484 | 569 | | 579 |
| | Std. Error | | 13.4 | 17.0 | 6.7 | | 3.0 |
| | Sample Size | | 4 | 2 | 16 | | 2 |
| All Fish | Avg. Length | 450 | 590 | 459 | 575 | 488 | 579 |
| | Std. Error | 12.6 | 10.7 | 11.9 | 7.8 | 22.0 | 3.0 |
| | Sample Size | 3 | 5 | 16 | 25 | 2 | 2 |

1/ Lengths transformed to mid-eye to fork of tail from post-orbital to hypural plate.

Appendix E.36 Age composition of sockeye salmon in the Scud River escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | |
| | 0.2 | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 | Total |
| Sample Date: | (Sept. 16) | | | | | | |
| Male | | | | | | | |
| Sample Number | 1 | 2 | 8 | 18 | 1 | | 30 |
| Percent | 1.3 | 2.7 | 10.7 | 24.0 | 1.3 | | 40.0 |
| Std. Error | 1.3 | 1.9 | 3.6 | 5.0 | 1.3 | | 5.7 |
| Female | | | | | | | |
| Sample Number | | | 3 | 41 | | 1 | 45 |
| Percent | | | 4.0 | 54.7 | | 1.3 | 60.0 |
| Std. Error | | | 2.3 | 5.8 | | 1.3 | 5.7 |
| All Fish | | | | | | | |
| Sample Number | 1 | 2 | 11 | 59 | 1 | 1 | 75 |
| Percent | 1.3 | 2.7 | 14.7 | 78.7 | 1.3 | 1.3 | 100.0 |
| Std. Error | 1.3 | 1.9 | 4.1 | 4.8 | 1.3 | 1.3 | |

Appendix E.37 Length composition of sockeye salmon in the Scud River escapement by sex and age class, 1987. 1/

| | | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 |
| | | 0.2 | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 |
| Sample Date: | (Sept. 16) | | | | | | |
| Male | Avg. Length | 444 | 578 | 473 | 603 | 485 | |
| | Std. Error | | 2.0 | 12.6 | 3.4 | | |
| | Sample Size | 1 | 2 | 8 | 18 | 1 | |
| Female | Avg. Length | | | 528 | 580 | | 574 |
| | Std. Error | | | 13.2 | 2.7 | | |
| | Sample Size | | | 3 | 41 | | 1 |
| All Fish | Avg. Length | 444 | 578 | 488 | 587 | 485 | 574 |
| | Std. Error | | 2.0 | 12.2 | 2.6 | | |
| | Sample Size | 1 | 2 | 11 | 59 | 1 | 1 |

1/ Lengths transformed to mid-eye to fork of tail from post-orbital to hypural plate.

Appendix E.38 Age composition of sockeye salmon in the Chutine Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|
| | 1983 | 1982 | | 1981 | |
| | 1.2 | 1.3 | 2.2 | 2.3 | Total |
| Sample Date: | (Sept. 16) | | | | |
| Male | | | | | |
| Sample Number | 4 | 4 | 1 | 1 | 10 |
| Percent | 23.5 | 23.5 | 5.9 | 5.9 | 58.8 |
| Std. Error | 10.6 | 10.6 | 5.9 | 5.9 | 12.3 |
| Female | | | | | |
| Sample Number | 2 | 5 | | | 7 |
| Percent | 11.8 | 29.4 | | | 41.2 |
| Std. Error | 8.1 | 11.4 | | | 12.3 |
| All Fish | | | | | |
| Sample Number | 6 | 9 | 1 | 1 | 17 |
| Percent | 35.3 | 52.9 | 5.9 | 5.9 | 100.0 |
| Std. Error | 11.9 | 12.5 | 5.9 | 5.9 | |

Appendix E.39 Length composition of sockeye salmon in the Chutine Lake escapement by sex and age class, 1987. 1/

| | | Brood Year and Age Class | | | |
|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 |
| | | 1.2 | 1.3 | 2.2 | 2.3 |
| Sample Date: | (Sept. 16) | | | | |
| Male | Avg. Length | 488 | 573 | 551 | 580 |
| | Std. Error | 27.4 | 7.4 | | |
| | Sample Size | 4 | 4 | 1 | 1 |
| Female | Avg. Length | 472 | 572 | | |
| | Std. Error | 29.0 | 10.4 | | |
| | Sample Size | 2 | 5 | | |
| All Fish | Avg. Length | 483 | 573 | 551 | 580 |
| | Std. Error | 19.2 | 6.3 | | |
| | Sample Size | 6 | 9 | 1 | 1 |

1/ Lengths transformed to mid-eye to fork of tail from post-orbital to hypural plate.

Appendix E.40 Age composition of sockeye salmon in the Tahltan Lake escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1983 | 1982 | | 1981 | | 1980 | |
| | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 | Total |
| Escapement Dates: | (July 15 - August 1) | | | | | | |
| Sample Dates: | (July 24 - August 1) | | | | | | |
| **Male** | | | | | | | |
| Sample Number | | 110 | | | 3 | | 113 |
| Percent | | 59.1 | | | 1.6 | | 60.8 |
| Std. Error | | 3.5 | | | 0.9 | | 3.5 |
| Number | | 1648 | | | 45 | | 1693 |
| **Female** | | | | | | | |
| Sample Number | 1 | 66 | 2 | | 4 | | 73 |
| Percent | 0.5 | 35.5 | 1.1 | | 2.2 | | 39.2 |
| Std. Error | 0.5 | 3.4 | 0.7 | | 1.0 | | 3.5 |
| Number | 15 | 989 | 30 | | 60 | | 1094 |
| **All Fish** | | | | | | | |
| Sample Number | 1 | 176 | 2 | | 7 | | 186 |
| Percent | 0.5 | 94.6 | 1.1 | | 3.8 | | 100.0 |
| Std. Error | 0.5 | 1.6 | 0.7 | | 1.4 | | |
| Number | 15 | 2637 | 30 | | 105 | | 2787 |
| Escapement Dates: | (August 2 - 8) | | | | | | |
| Sample Dates: | (August 2 - 8) | | | | | | |
| **Male** | | | | | | | |
| Sample Number | | 102 | 1 | | 14 | | 117 |
| Percent | | 41.1 | 0.4 | | 5.6 | | 47.2 |
| Std. Error | | 3.0 | 0.4 | | 1.4 | | 3.0 |
| Number | | 943 | 9 | | 129 | | 1081 |
| **Female** | | | | | | | |
| Sample Number | 2 | 108 | 2 | 1 | 17 | 1 | 131 |
| Percent | 0.8 | 43.5 | 0.8 | 0.4 | 6.9 | 0.4 | 52.8 |
| Std. Error | 0.5 | 3.0 | 0.5 | 0.4 | 1.5 | 0.4 | 3.0 |
| Number | 18 | 999 | 18 | 9 | 158 | 9 | 1211 |
| **All Fish** | | | | | | | |
| Sample Number | 2 | 210 | 3 | 1 | 31 | 1 | 248 |
| Percent | 0.8 | 84.7 | 1.2 | 0.4 | 12.5 | 0.4 | 100.0 |
| Std. Error | 0.5 | 2.2 | 0.7 | 0.4 | 2.0 | 0.4 | |
| Number | 18 | 1942 | 27 | 9 | 287 | 9 | 2292 |
| Escapement Dates: | (August 9 - 27) | | | | | | |
| Sample Dates: | (August 9 - 25) | | | | | | |
| **Male** | | | | | | | |
| Sample Number | 2 | 133 | 2 | | 33 | | 170 |
| Percent | 0.6 | 36.6 | 0.6 | | 9.1 | | 46.8 |
| Std. Error | 0.3 | 2.3 | 0.3 | | 1.4 | | 2.4 |
| Number | 10 | 689 | 10 | | 171 | | 880 |
| **Female** | | | | | | | |
| Sample Number | 9 | 139 | 10 | | 33 | 2 | 193 |
| Percent | 2.5 | 38.3 | 2.8 | | 9.1 | 0.6 | 53.2 |
| Std. Error | 0.7 | 2.3 | 0.8 | | 1.4 | 0.3 | 2.4 |
| Number | 47 | 719 | 52 | | 171 | 10 | 999 |
| **All Fish** | | | | | | | |
| Sample Number | 11 | 272 | 12 | | 66 | 2 | 363 |
| Percent | 3.0 | 74.9 | 3.3 | | 18.2 | 0.6 | 100.0 |
| Std. Error | 0.8 | 2.0 | 0.8 | | 1.8 | 0.3 | |
| Number | 57 | 1408 | 62 | | 342 | 10 | 1879 |
| Combined Periods (Percentages are weighted by period escapements) | | | | | | | |
| **Male** | | | | | | | |
| Sample Number | 2 | 345 | 3 | | 50 | | 400 |
| Percent | 0.1 | 47.1 | 0.3 | | 5.0 | | 52.5 |
| Std. Error | 0.1 | 1.8 | 0.2 | | 0.7 | | 1.8 |
| Number | 10 | 3280 | 19 | | 345 | | 3654 |
| **Female** | | | | | | | |
| Sample Number | 12 | 313 | 14 | 1 | 54 | 3 | 397 |
| Percent | 1.2 | 38.9 | 1.4 | 0.1 | 5.6 | 0.3 | 47.5 |
| Std. Error | 0.3 | 1.8 | 0.4 | 0.1 | 0.7 | 0.2 | 1.8 |
| Number | 80 | 2707 | 100 | 9 | 389 | 19 | 3304 |
| **All Fish** | | | | | | | |
| Sample Number | 14 | 658 | 17 | 1 | 104 | 3 | 797 |
| Percent | 1.3 | 86.0 | 1.7 | 0.1 | 10.5 | 0.3 | 100.0 |
| Std. Error | 0.3 | 1.1 | 0.4 | 0.1 | 1.0 | 0.2 | |
| Number | 90 | 5987 | 119 | 9 | 734 | 19 | 6958 |

Appendix E.41 Length composition of sockeye salmon in the Tahltan Lake escapement by sex, age class, and escapement period, 1987. 1/

| | | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 | | 1980 |
| | | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 |
| Escapement Dates: (July 15 - August 1) | | | | | | | |
| Sample Dates: (July 24 - August 1) | | | | | | | |
| Male | Avg. Length | | 607 | | | 618 | |
| | Std. Error | | 1.9 | | | 5.2 | |
| | Sample Size | | 110 | | | 3 | |
| Female | Avg. Length | 456 | 593 | 534 | | 591 | |
| | Std. Error | | 3.5 | 15.5 | | 3.4 | |
| | Sample Size | 1 | 66 | 2 | | 4 | |
| All Fish | Avg. Length | 456 | 602 | 534 | | 602 | |
| | Std. Error | | 1.9 | 15.5 | | 6.0 | |
| | Sample Size | 1 | 176 | 2 | | 7 | |
| Escapement Dates: (August 2 - 8) | | | | | | | |
| Sample Dates: (August 2 - 8) | | | | | | | |
| Male | Avg. Length | | 611 | 554 | | 611 | |
| | Std. Error | | 2.1 | | | 5.7 | |
| | Sample Size | | 102 | 1 | | 14 | |
| Female | Avg. Length | 534 | 594 | 505 | 594 | 586 | 600 |
| | Std. Error | 13.5 | 2.6 | 3.0 | | 6.2 | |
| | Sample Size | 2 | 108 | 2 | 1 | 17 | 1 |
| All Fish | Avg. Length | 534 | 602 | 521 | 594 | 597 | 600 |
| | Std. Error | 13.5 | 1.8 | 16.4 | | 4.8 | |
| | Sample Size | 2 | 210 | 3 | 1 | 31 | 1 |
| Escapement Dates: (August 9 - 27) | | | | | | | |
| Sample Dates: (August 9 - 25) | | | | | | | |
| Male | Avg. Length | 495 | 612 | 501 | | 605 | |
| | Std. Error | 21.5 | 1.8 | 35.5 | | 5.0 | |
| | Sample Size | 2 | 133 | 2 | | 33 | |
| Female | Avg. Length | 504 | 586 | 507 | | 588 | 564 |
| | Std. Error | 5.5 | 1.9 | 6.7 | | 3.3 | 30.5 |
| | Sample Size | 9 | 139 | 10 | | 33 | 2 |
| All Fish | Avg. Length | 502 | 598 | 506 | | 597 | 564 |
| | Std. Error | 5.4 | 1.5 | 7.1 | | 3.2 | 30.5 |
| | Sample Size | 11 | 272 | 12 | | 66 | 2 |
| Combined Periods (Unweighted) | | | | | | | |
| Male | Avg. Length | 495 | 610 | 518 | | 607 | |
| | Std. Error | 21.5 | 1.1 | 27.2 | | 3.7 | |
| | Sample Size | 2 | 345 | 3 | | 50 | |
| Female | Avg. Length | 505 | 590 | 511 | 594 | 588 | 576 |
| | Std. Error | 7.1 | 1.5 | 5.6 | | 2.8 | 21.4 |
| | Sample Size | 12 | 313 | 14 | 1 | 54 | 3 |
| All Fish | Avg. Length | 503 | 601 | 512 | 594 | 597 | 576 |
| | Std. Error | 6.5 | 1.0 | 6.2 | | 2.5 | 21.4 |
| | Sample Size | 14 | 658 | 17 | 1 | 104 | 3 |

1/ Lengths transformed to mid-eye to fork of tail from post-orbital to hypural plate.

Appendix E.42 Daily sockeye salmon counts and associated statistics from Tahltan Lake weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| July | 15 | 0 | 0 | 0.0000 | 0.0000 |
| July | 16 | 0 | 0 | 0.0000 | 0.0000 |
| July | 17 | 0 | 0 | 0.0000 | 0.0000 |
| July | 18 | 0 | 0 | 0.0000 | 0.0000 |
| July | 19 | 0 | 0 | 0.0000 | 0.0000 |
| July | 20 | 0 | 0 | 0.0000 | 0.0000 |
| July | 21 | 1 | 1 | 0.0001 | 0.0001 |
| July | 22 | 0 | 1 | 0.0000 | 0.0001 |
| July | 23 | 6 | 7 | 0.0009 | 0.0010 |
| July | 24 | 16 | 23 | 0.0023 | 0.0033 |
| July | 25 | 714 | 737 | 0.1026 | 0.1059 |
| July | 26 | 684 | 1421 | 0.0983 | 0.2042 |
| July | 27 | 281 | 1702 | 0.0404 | 0.2446 |
| July | 28 | 105 | 1807 | 0.0151 | 0.2597 |
| July | 29 | 17 | 1824 | 0.0024 | 0.2621 |
| July | 30 | 62 | 1886 | 0.0089 | 0.2711 |
| July | 31 | 416 | 2302 | 0.0598 | 0.3308 |
| Aug. | 1 | 485 | 2787 | 0.0697 | 0.4005 |
| Aug. | 2 | 510 | 3297 | 0.0733 | 0.4738 |
| Aug. | 3 | 170 | 3467 | 0.0244 | 0.4983 |
| Aug. | 4 | 95 | 3562 | 0.0137 | 0.5119 |
| Aug. | 5 | 324 | 3886 | 0.0466 | 0.5585 |
| Aug. | 6 | 392 | 4278 | 0.0563 | 0.6148 |
| Aug. | 7 | 298 | 4576 | 0.0428 | 0.6577 |
| Aug. | 8 | 503 | 5079 | 0.0723 | 0.7300 |
| Aug. | 9 | 423 | 5502 | 0.0608 | 0.7907 |
| Aug. | 10 | 217 | 5719 | 0.0312 | 0.8219 |
| Aug. | 11 | 208 | 5927 | 0.0299 | 0.8518 |
| Aug. | 12 | 185 | 6112 | 0.0266 | 0.8784 |
| Aug. | 13 | 177 | 6289 | 0.0254 | 0.9039 |
| Aug. | 14 | 132 | 6421 | 0.0190 | 0.9228 |
| Aug. | 15 | 177 | 6598 | 0.0254 | 0.9483 |
| Aug. | 16 | 76 | 6674 | 0.0109 | 0.9592 |
| Aug. | 17 | 25 | 6699 | 0.0036 | 0.9628 |
| Aug. | 18 | 45 | 6744 | 0.0065 | 0.9692 |
| Aug. | 19 | 18 | 6762 | 0.0026 | 0.9718 |
| Aug. | 20 | 76 | 6838 | 0.0109 | 0.9828 |
| Aug. | 21 | 50 | 6888 | 0.0072 | 0.9899 |
| Aug. | 22 | 12 | 6900 | 0.0017 | 0.9917 |
| Aug. | 23 | 24 | 6924 | 0.0034 | 0.9951 |
| Aug. | 24 | 11 | 6935 | 0.0016 | 0.9967 |
| Aug. | 25 | 10 | 6945 | 0.0014 | 0.9981 |
| Aug. | 26 | 5 | 6950 | 0.0007 | 0.9989 |
| Aug. | 27 | 8 | 6958 | 0.0011 | 1.0000 |

Mean Day of Migration = Aug. 4 Variance = 51.8 Days squared

Appendix E.43 Age composition of sockeye salmon in the Kutlaku Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1985 | 1984 | 1983 | | 1982 | | 1981 | 1980 | |
| | 0.1 | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 1.5 | Total |
| Sample Date: | (Sept. 2) | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 1 | 72 | 71 | 2 | 121 | 1 | 1 | | 269 |
| Percent | 0.2 | 14.6 | 14.4 | 0.4 | 24.5 | 0.2 | 0.2 | | 54.6 |
| Std. Error | 0.2 | 1.6 | 1.6 | 0.3 | 1.9 | 0.2 | 0.2 | | 2.2 |
| Female | | | | | | | | | |
| Sample Number | | | 18 | | 198 | | 7 | 1 | 224 |
| Percent | | | 3.7 | | 40.2 | | 1.4 | 0.2 | 45.4 |
| Std. Error | | | 0.8 | | 2.2 | | 0.5 | 0.2 | 2.2 |
| All Fish | | | | | | | | | |
| Sample Number | 1 | 72 | 89 | 2 | 319 | 1 | 8 | 1 | 493 |
| Percent | 0.2 | 14.6 | 18.1 | 0.4 | 64.7 | 0.2 | 1.6 | 0.2 | 100.0 |
| Std. Error | 0.2 | 1.6 | 1.7 | 0.3 | 2.1 | 0.2 | 0.6 | 0.2 | |

Appendix E.44 Length composition of sockeye salmon in the Kutlaku Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1985 | 1984 | 1983 | | 1982 | | 1981 | 1980 |
| | | 0.1 | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 1.5 |
| Sample Date: | (Sept. 2) | | | | | | | | |
| Male | Avg. Length | 320 | 339 | 455 | 358 | 550 | 505 | 525 | |
| | Std. Error | | 1.9 | 4.8 | 37.5 | 2.2 | | | |
| | Sample Size | 1 | 72 | 71 | 2 | 121 | 1 | 1 | |
| Female | Avg. Length | | | 468 | | 539 | | 542 | 550 |
| | Std. Error | | | 7.2 | | 1.5 | | 7.3 | |
| | Sample Size | | | 18 | | 198 | | 7 | 1 |
| All Fish | Avg. Length | 320 | 339 | 458 | 358 | 543 | 505 | 540 | 550 |
| | Std. Error | | 1.9 | 4.1 | 37.5 | 1.3 | | 6.7 | |
| | Sample Size | 1 | 72 | 89 | 2 | 319 | 1 | 8 | 1 |

Appendix E.45 Age composition of sockeye salmon in the Alecks Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | | 1982 | | 1981 | |
| | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | Total |
| Sample Dates: | (August 30 - Sept. 1) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 30 | | 48 | 3 | 135 | 13 | 19 | 248 |
| Percent | 5.4 | | 8.6 | 0.5 | 24.2 | 2.3 | 3.4 | 44.5 |
| Std. Error | 0.9 | | 1.2 | 0.3 | 1.8 | 0.6 | 0.8 | 2.1 |
| Female | | | | | | | | |
| Sample Number | | 2 | 17 | | 261 | 12 | 17 | 309 |
| Percent | | 0.4 | 3.1 | | 46.9 | 2.2 | 3.1 | 55.5 |
| Std. Error | | 0.3 | 0.7 | | 2.1 | 0.6 | 0.7 | 2.1 |
| All Fish | | | | | | | | |
| Sample Number | 30 | 2 | 65 | 3 | 396 | 25 | 36 | 557 |
| Percent | 5.4 | 0.4 | 11.7 | 0.5 | 71.1 | 4.5 | 6.5 | 100.0 |
| Std. Error | 0.9 | 0.3 | 1.3 | 0.3 | 1.9 | 0.9 | 1.0 | |

Appendix E.46 Length composition of sockeye salmon in the Alecks Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | | 1982 | | 1981 |
| | | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 |
| Sample Dates: | (August 30 - Sept. 1) | | | | | | | |
| Male | Avg. Length | 348 | | 446 | 367 | 563 | 451 | 534 |
| | Std. Error | 3.9 | | 5.8 | 14.8 | 2.8 | 13.3 | 11.3 |
| | Sample Size | 30 | | 48 | 3 | 133 | 13 | 19 |
| Female | Avg. Length | | 533 | 478 | | 552 | 477 | 545 |
| | Std. Error | | 7.5 | 5.7 | | 1.5 | 8.8 | 6.8 |
| | Sample Size | | 2 | 17 | | 261 | 12 | 17 |
| All Fish | Avg. Length | 348 | 533 | 455 | 367 | 556 | 464 | 539 |
| | Std. Error | 3.9 | 7.5 | 4.9 | 14.8 | 1.4 | 8.4 | 6.7 |
| | Sample Size | 30 | 2 | 65 | 3 | 394 | 25 | 36 |

Appendix E.47 Age composition of sockeye salmon in the Windfall Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | |
|---|---|---|---|
| | 1983 | 1982 | |
| | 1.2 | 1.3 | Total |
| Sample Date: | (August 20) | | |
| Male | | | |
| Sample Number | 3 | 28 | 31 |
| Percent | 4.0 | 37.3 | 41.3 |
| Std. Error | 2.3 | 5.6 | 5.7 |
| Female | | | |
| Sample Number | 1 | 43 | 44 |
| Percent | 1.3 | 57.3 | 58.7 |
| Std. Error | 1.3 | 5.7 | 5.7 |
| All Fish | | | |
| Sample Number | 4 | 71 | 75 |
| Percent | 5.3 | 94.7 | 100.0 |
| Std. Error | 2.6 | 2.6 | |

Appendix E.48 Length composition of sockeye salmon in the Windfall Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | |
|---|---|---|---|
| | | 1983 | 1982 |
| | | 1.2 | 1.3 |
| Sample Date: | (August 20) | | |
| Male | Avg. Length | 435 | 600 |
| | Std. Error | 10.4 | 4.6 |
| | Sample Size | 3 | 28 |
| Female | Avg. Length | 520 | 561 |
| | Std. Error | | 3.2 |
| | Sample Size | 1 | 43 |
| All Fish | Avg. Length | 456 | 576 |
| | Std. Error | 22.5 | 3.5 |
| | Sample Size | 4 | 71 |

Appendix E.49 Age composition of sockeye salmon in the Canyon Island (Taku River) fishwheel catch by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1985 | 1984 | | 1983 | | | 1982 | | | 1981 | | 1980 | |
| | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | Total |
| Escapement Dates: (June 15 - 20) | | | | | | | | | | | | | |
| Sample Dates: (June 15 - 20) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | | | 1 | 8 | | | 30 | 2 | | | | 41 |
| Percent | | | | 1.1 | 8.8 | | | 33.0 | 2.2 | | | | 45.1 |
| Std. Error | | | | 1.1 | 3.0 | | | 4.9 | 1.5 | | | | 5.2 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | | | 1 | | | 45 | 1 | | 3 | | 50 |
| Percent | | | | | 1.1 | | | 49.5 | 1.1 | | 3.3 | | 54.9 |
| Std. Error | | | | | 1.1 | | | 5.3 | 1.1 | | 1.9 | | 5.2 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | | | | 1 | 9 | | | 75 | 3 | | 3 | | 91 |
| Percent | | | | 1.1 | 9.9 | | | 82.4 | 3.3 | | 3.3 | | 100.0 |
| Std. Error | | | | 1.1 | 3.1 | | | 4.0 | 1.9 | | 1.9 | | |
| Escapement Dates: (June 21 - 27) | | | | | | | | | | | | | |
| Sample Dates: (June 21 - 27) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | 1 | | 1 | 22 | | | 68 | 2 | | 1 | | 95 |
| Percent | | 0.6 | | 0.6 | 14.1 | | | 43.6 | 1.3 | | 0.6 | | 60.9 |
| Std. Error | | 0.6 | | 0.6 | 2.8 | | | 4.0 | 0.9 | | 0.6 | | 3.9 |
| Female | | | | | | | | | | | | | |
| Sample Number | | 1 | | | 9 | | | 48 | 2 | | 1 | | 61 |
| Percent | | 0.6 | | | 5.8 | | | 30.8 | 1.3 | | 0.6 | | 39.1 |
| Std. Error | | 0.6 | | | 1.9 | | | 3.7 | 0.9 | | 0.6 | | 3.9 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | | 2 | | 1 | 31 | | | 116 | 4 | | 2 | | 156 |
| Percent | | 1.3 | | 0.6 | 19.9 | | | 74.4 | 2.6 | | 1.3 | | 100.0 |
| Std. Error | | 0.9 | | 0.6 | 3.2 | | | 3.5 | 1.3 | | 0.9 | | |
| Escapement Dates: (June 28 - July 4) | | | | | | | | | | | | | |
| Sample Dates: (June 28 - July 4) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | | | 2 | 19 | | | 70 | 7 | 1 | 5 | | 104 |
| Percent | | | | 1.2 | 11.7 | | | 42.9 | 4.3 | 0.6 | 3.1 | | 63.8 |
| Std. Error | | | | 0.9 | 2.5 | | | 3.9 | 1.6 | 0.6 | 1.3 | | 3.8 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | | 1 | 9 | | | 39 | 6 | | 4 | | 59 |
| Percent | | | | 0.6 | 5.5 | | | 23.9 | 3.7 | | 2.5 | | 36.2 |
| Std. Error | | | | 0.6 | 1.8 | | | 3.3 | 1.5 | | 1.2 | | 3.8 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | | | | 3 | 28 | | | 111 | 13 | 1 | 9 | | 165 |
| Percent | | | | 1.8 | 17.0 | | | 67.3 | 7.9 | 0.6 | 5.5 | | 100.0 |
| Std. Error | | | | 1.0 | 2.9 | | | 3.6 | 2.1 | 0.6 | 1.8 | | |
| Escapement Dates: (July 5 - 11) | | | | | | | | | | | | | |
| Sample Dates: (July 5 - 11) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | 1 | | 5 | 68 | | | 60 | 5 | | 12 | | 151 |
| Percent | | 0.4 | | 2.2 | 29.8 | | | 26.3 | 2.2 | | 5.3 | | 66.2 |
| Std. Error | | 0.4 | | 1.0 | 3.0 | | | 2.9 | 1.0 | | 1.5 | | 3.1 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | | 4 | 19 | | | 33 | 11 | | 10 | | 77 |
| Percent | | | | 1.8 | 8.3 | | | 14.5 | 4.8 | | 4.4 | | 33.8 |
| Std. Error | | | | 0.9 | 1.8 | | | 2.3 | 1.4 | | 1.4 | | 3.1 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | | 1 | | 10 | 87 | | | 93 | 16 | | 22 | | 229 |
| Percent | | 0.4 | | 4.4 | 38.0 | | | 40.6 | 7.0 | | 9.6 | | 100.0 |
| Std. Error | | 0.4 | | 1.3 | 3.2 | | | 3.2 | 1.7 | | 1.9 | | |

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Appendix E.49 Age composition of sockeye salmon in the Canyon Island (Taku River) fishwheel catch by sex, age class, and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1985 | 1984 | | 1983 | | | 1982 | | | 1981 | | 1980 | |
| | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | Total |
| Escapement Dates: (July 12 - 18) | | | | | | | | | | | | | |
| Sample Dates: (July 12 - 18) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | | 2 | | 6 | 65 | | | 82 | 4 | | 8 | | 167 |
| Percent | | 0.8 | | 2.4 | 25.9 | | | 32.7 | 1.6 | | 3.2 | | 66.5 |
| Std. Error | | 0.6 | | 1.0 | 2.8 | | | 2.9 | 0.8 | | 1.1 | | 3.0 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | | 2 | 8 | | | 66 | 4 | | 4 | | 84 |
| Percent | | | | 0.8 | 3.2 | | | 26.3 | 1.6 | | 1.6 | | 33.5 |
| Std. Error | | | | 0.6 | 1.1 | | | 2.8 | 0.8 | | 0.8 | | 3.0 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | | 2 | | 8 | 73 | | | 148 | 8 | | 12 | | 251 |
| Percent | | 0.8 | | 3.2 | 29.1 | | | 59.0 | 3.2 | | 4.8 | | 100.0 |
| Std. Error | | 0.6 | | 1.1 | 2.9 | | | 3.1 | 1.1 | | 1.3 | | |
| Escapement Dates: (July 19 - 25) | | | | | | | | | | | | | |
| Sample Dates: (July 19 - 25) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 1 | 9 | 11 | 38 | 82 | 4 | | 184 | 3 | 2 | 14 | | 348 |
| Percent | 0.2 | 1.4 | 1.7 | 5.8 | 12.4 | 0.6 | | 27.9 | 0.5 | 0.3 | 2.1 | | 52.8 |
| Std. Error | 0.1 | 0.4 | 0.5 | 0.9 | 1.3 | 0.3 | | 1.7 | 0.3 | 0.2 | 0.6 | | 1.9 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | | 46 | 26 | | 1 | 211 | 1 | | 26 | | 311 |
| Percent | | | | 7.0 | 3.9 | | 0.2 | 32.0 | 0.2 | | 3.9 | | 47.2 |
| Std. Error | | | | 1.0 | 0.7 | | 0.1 | 1.8 | 0.1 | | 0.7 | | 1.9 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | 1 | 9 | 11 | 85 | 110 | 4 | 1 | 397 | 4 | 2 | 40 | | 664 |
| Percent | 0.2 | 1.4 | 1.7 | 12.8 | 16.6 | 0.6 | 0.2 | 59.8 | 0.6 | 0.3 | 6.0 | | 100.0 |
| Std. Error | 0.1 | 0.4 | 0.5 | 1.3 | 1.4 | 0.3 | 0.1 | 1.9 | 0.3 | 0.2 | 0.9 | | |
| Escapement Dates: (July 26 - August 1) | | | | | | | | | | | | | |
| Sample Dates: (July 26 - August 1) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 1 | 8 | 17 | 33 | 34 | 7 | 1 | 138 | 1 | | 9 | 1 | 250 |
| Percent | 0.2 | 1.7 | 3.6 | 7.1 | 7.3 | 1.5 | 0.2 | 29.6 | 0.2 | | 1.9 | 0.2 | 53.5 |
| Std. Error | 0.2 | 0.6 | 0.9 | 1.2 | 1.2 | 0.6 | 0.2 | 2.1 | 0.2 | | 0.6 | 0.2 | 2.3 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | | 53 | 9 | | | 138 | 2 | 2 | 13 | | 217 |
| Percent | | | | 11.3 | 1.9 | | | 29.6 | 0.4 | 0.4 | 2.8 | | 46.5 |
| Std. Error | | | | 1.5 | 0.6 | | | 2.1 | 0.3 | 0.3 | 0.8 | | 2.3 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | 1 | 8 | 17 | 87 | 43 | 7 | 1 | 278 | 3 | 2 | 22 | 1 | 470 |
| Percent | 0.2 | 1.7 | 3.6 | 18.5 | 9.1 | 1.5 | 0.2 | 59.1 | 0.6 | 0.4 | 4.7 | 0.2 | 100.0 |
| Std. Error | 0.2 | 0.6 | 0.9 | 1.8 | 1.3 | 0.6 | 0.2 | 2.2 | 0.4 | 0.3 | 1.0 | 0.2 | |
| Escapement Dates: (August 2 - 8) | | | | | | | | | | | | | |
| Sample Dates: (August 2 - 8) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 5 | 4 | 43 | 50 | 62 | 28 | 1 | 104 | 4 | | 8 | | 309 |
| Percent | 0.9 | 0.7 | 8.0 | 9.3 | 11.5 | 5.2 | 0.2 | 19.3 | 0.7 | | 1.5 | | 57.4 |
| Std. Error | 0.4 | 0.4 | 1.2 | 1.2 | 1.4 | 0.9 | 0.2 | 1.7 | 0.4 | | 0.5 | | 2.1 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | | 62 | 17 | | | 133 | 6 | | 11 | | 229 |
| Percent | | | | 11.5 | 3.2 | | | 24.7 | 1.1 | | 2.0 | | 42.6 |
| Std. Error | | | | 1.4 | 0.7 | | | 1.8 | 0.4 | | 0.6 | | 2.1 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | 5 | 4 | 43 | 112 | 79 | 28 | 1 | 237 | 10 | | 19 | | 538 |
| Percent | 0.9 | 0.7 | 8.0 | 20.8 | 14.7 | 5.2 | 0.2 | 44.1 | 1.9 | | 3.5 | | 100.0 |
| Std. Error | 0.4 | 0.4 | 1.2 | 1.7 | 1.5 | 0.9 | 0.2 | 2.1 | 0.6 | | 0.8 | | |

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Appendix E.49 Age composition of sockeye salmon in the Canyon Island (Taku River) fishwheel catch by sex, age class, and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1985 | 1984 | | 1983 | | | 1982 | | | 1981 | | 1980 | |
| | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | Total |
| Escapement Dates: | (August 9 - 15) | | | | | | | | | | | | |
| Sample Dates: | (August 9 - 15) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 9 | 1 | 38 | 20 | 22 | 18 | 1 | 37 | 2 | | 2 | | 150 |
| Percent | 3.5 | 0.4 | 14.8 | 7.8 | 8.6 | 7.0 | 0.4 | 14.4 | 0.8 | | 0.8 | | 58.4 |
| Std. Error | 1.1 | 0.4 | 2.2 | 1.7 | 1.7 | 1.6 | 0.4 | 2.2 | 0.5 | | 0.5 | | 3.1 |
| Female | | | | | | | | | | | | | |
| Sample Number | | 1 | | 26 | 16 | | | 61 | 1 | | 2 | | 107 |
| Percent | | 0.4 | | 10.1 | 6.2 | | | 23.7 | 0.4 | | 0.8 | | 41.6 |
| Std. Error | | 0.4 | | 1.9 | 1.5 | | | 2.6 | 0.4 | | 0.5 | | 3.1 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | 9 | 2 | 38 | 46 | 38 | 18 | 1 | 98 | 3 | | 4 | | 257 |
| Percent | 3.5 | 0.8 | 14.8 | 17.9 | 14.8 | 7.0 | 0.4 | 38.1 | 1.2 | | 1.6 | | 100.0 |
| Std. Error | 1.1 | 0.5 | 2.2 | 2.4 | 2.2 | 1.6 | 0.4 | 3.0 | 0.7 | | 0.8 | | |
| Escapement Dates: | (August 16 - Sept. 20) | | | | | | | | | | | | |
| Sample Dates: | (August 16 - Sept. 20) | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 7 | 1 | 40 | 13 | 15 | 1 | | 19 | 1 | | 1 | | 98 |
| Percent | 4.2 | 0.6 | 24.1 | 7.8 | 9.0 | 0.6 | | 11.4 | 0.6 | | 0.6 | | 59.0 |
| Std. Error | 1.6 | 0.6 | 3.3 | 2.1 | 2.2 | 0.6 | | 2.5 | 0.6 | | 0.6 | | 3.8 |
| Female | | | | | | | | | | | | | |
| Sample Number | | | | 13 | 4 | | 1 | 45 | 2 | | 3 | | 68 |
| Percent | | | | 7.8 | 2.4 | | 0.6 | 27.1 | 1.2 | | 1.8 | | 41.0 |
| Std. Error | | | | 2.1 | 1.2 | | 0.6 | 3.4 | 0.8 | | 1.0 | | 3.8 |
| All Fish | | | | | | | | | | | | | |
| Sample Number | 7 | 1 | 40 | 26 | 19 | 1 | 1 | 64 | 3 | | 4 | | 166 |
| Percent | 4.2 | 0.6 | 24.1 | 15.7 | 11.4 | 0.6 | 0.6 | 38.6 | 1.8 | | 2.4 | | 100.0 |
| Std. Error | 1.6 | 0.6 | 3.3 | 2.8 | 2.5 | 0.6 | 0.6 | 3.8 | 1.0 | | 1.2 | | |
| Combined Periods (Percentages are unweighted by period escapements) | | | | | | | | | | | | | |
| Male | | | | | | | | | | | | | |
| Sample Number | 23 | 27 | 149 | 169 | 397 | 58 | 3 | 792 | 31 | 3 | 60 | 1 | 1713 |
| Percent | 0.9 | 0.7 | 5.2 | 4.5 | 13.9 | 1.5 | 0.1 | 28.1 | 1.4 | 0.1 | 1.9 | <0.1 | 58.4 |
| Std. Error | 0.2 | 0.1 | 0.4 | 0.4 | 0.7 | 0.2 | <0.1 | 1.0 | 0.3 | 0.1 | 0.3 | <0.1 | 1.1 |
| Female | | | | | | | | | | | | | |
| Sample Number | | 2 | | 207 | 118 | | 2 | 819 | 36 | 2 | 77 | | 1263 |
| Percent | | 0.1 | | 5.1 | 4.2 | | 0.1 | 28.2 | 1.6 | <0.1 | 2.4 | | 41.6 |
| Std. Error | | 0.1 | | 0.4 | 0.4 | | 0.1 | 1.0 | 0.3 | <0.1 | 0.3 | | 1.1 |
| All Fish 1/ | | | | | | | | | | | | | |
| Sample Number | 23 | 29 | 149 | 379 | 517 | 58 | 5 | 1617 | 67 | 5 | 137 | 1 | 2987 |
| Percent | 0.9 | 0.8 | 5.2 | 9.7 | 18 0 | 1.5 | 0.2 | 56.3 | 3.0 | 0.1 | 4.3 | <0.1 | 100.0 |
| Std. Error | 0.2 | 0.2 | 0.4 | 0.5 | 0.8 | 0.2 | 0.1 | 1.0 | 0.4 | 0.1 | 0.4 | <0.1 | |

1/ Includes unsexed fish totals.

Appendix E.50 Length composition of sockeye salmon in the Canyon Island (Taku River) fishwheel catch by sex, age class, and escapement period, 1987.

| | | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1985 | 1984 | | 1983 | | | 1982 | | | 1981 | | 1980 |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 |
| Escapement Dates: (June 15 - 20) | | | | | | | | | | | | | |
| Sample Dates: (June 15 - 20) | | | | | | | | | | | | | |
| Male | Avg. Length | | | | 600 | 498 | | | 599 | 493 | | | |
| | Std. Error | | | | | 14.5 | | | 4.7 | 7.5 | | | |
| | Sample Size | | | | 1 | 8 | | | 29 | 2 | | | |
| Female | Avg. Length | | | | | 470 | | | 587 | 525 | | 598 | |
| | Std. Error | | | | | | | | 3.7 | | | 12.0 | |
| | Sample Size | | | | | 1 | | | 45 | 1 | | 3 | |
| All Fish | Avg. Length | | | | 600 | 494 | | | 591 | 503 | | 598 | |
| | Std. Error | | | | | 13.1 | | | 3.0 | 11.7 | | 12.0 | |
| | Sample Size | | | | 1 | 9 | | | 74 | 3 | | 3 | |
| Escapement Dates: (June 21 - 27) | | | | | | | | | | | | | |
| Sample Dates: (June 21 - 27) | | | | | | | | | | | | | |
| Male | Avg. Length | | 435 | | 565 | 480 | | | 596 | 495 | | 595 | |
| | Std. Error | | | | | 7.6 | | | 3.2 | | | | |
| | Sample Size | | 1 | | 1 | 22 | | | 66 | 2 | | 1 | |
| Female | Avg. Length | | 540 | | | 502 | | | 585 | 510 | | 575 | |
| | Std. Error | | | | | 8.6 | | | 3.2 | 20.0 | | | |
| | Sample Size | | 1 | | | 9 | | | 48 | 2 | | 1 | |
| All Fish | Avg. Length | | 488 | | 565 | 486 | | | 591 | 503 | | 585 | |
| | Std. Error | | 52.5 | | | 6.1 | | | 2.3 | 9.2 | | 10.0 | |
| | Sample Size | | 2 | | 1 | 31 | | | 114 | 4 | | 2 | |
| Escapement Dates: (June 28 - July 4) | | | | | | | | | | | | | |
| Sample Dates: (June 28 - July 4) | | | | | | | | | | | | | |
| Male | Avg. Length | | | | 583 | 464 | | | 604 | 528 | 530 | 605 | |
| | Std. Error | | | | 22.5 | 7.7 | | | 3.4 | 22.3 | | 7.7 | |
| | Sample Size | | | | 2 | 18 | | | 69 | 6 | 1 | 5 | |
| Female | Avg. Length | | | | 575 | 495 | | | 592 | 520 | | 581 | |
| | Std. Error | | | | | 10.6 | | | 5.1 | 18.1 | | 1.3 | |
| | Sample Size | | | | 1 | 9 | | | 37 | 6 | | 4 | |
| All Fish | Avg. Length | | | | 580 | 474 | | | 600 | 523 | 530 | 594 | |
| | Std. Error | | | | 13.2 | 6.7 | | | 2.9 | 13.7 | | 5.9 | |
| | Sample Size | | | | 3 | 27 | | | 107 | 12 | 1 | 9 | |
| Escapement Dates: (July 5 - 11) | | | | | | | | | | | | | |
| Sample Dates: (July 5 - 11) | | | | | | | | | | | | | |
| Male | Avg. Length | | 470 | | 605 | 457 | | | 590 | 454 | | 619 | |
| | Std. Error | | | | 17.4 | 4.0 | | | 4.3 | 9.9 | | 16.2 | |
| | Sample Size | | 1 | | 5 | 65 | | | 59 | 5 | | 11 | |
| Female | Avg. Length | | | | 564 | 486 | | | 574 | 492 | | 577 | |
| | Std. Error | | | | 10.7 | 7.6 | | | 4.0 | 8.7 | | 5.7 | |
| | Sample Size | | | | 4 | 19 | | | 32 | 9 | | 10 | |
| All Fish | Avg. Length | | 470 | | 587 | 464 | | | 584 | 478 | | 599 | |
| | Std. Error | | | | 12.5 | 3.7 | | | 3.2 | 8.1 | | 9.9 | |
| | Sample Size | | 1 | | 9 | 84 | | | 91 | 14 | | 21 | |
| Escapement Dates: (July 12 - 18) | | | | | | | | | | | | | |
| Sample Dates: (July 12 - 18) | | | | | | | | | | | | | |
| Male | Avg. Length | | 448 | | 604 | 445 | | | 599 | 441 | | 621 | |
| | Std. Error | | 2.5 | | 4.7 | 2.5 | | | 2.6 | 28.4 | | 8.0 | |
| | Sample Size | | 2 | | 6 | 65 | | | 79 | 4 | | 8 | |
| Female | Avg. Length | | | | 605 | 474 | | | 587 | 528 | | 590 | |
| | Std. Error | | | | 15.0 | 19.2 | | | 2.8 | 27.9 | | 7.1 | |
| | Sample Size | | | | 2 | 8 | | | 66 | 4 | | 4 | |
| All Fish | Avg. Length | | 448 | | 604 | 448 | | | 594 | 484 | | 610 | |
| | Std. Error | | 2.5 | | 4.5 | 3.1 | | | 2.0 | 24.6 | | 7.1 | |
| | Sample Size | | 2 | | 8 | 73 | | | 145 | 8 | | 12 | |
| Escapement Dates: (July 19 - 25) | | | | | | | | | | | | | |
| Sample Dates: (July 19 - 25) | | | | | | | | | | | | | |
| Male | Avg. Length | 330 | 454 | 325 | 601 | 452 | 315 | | 596 | 468 | 585 | 612 | |
| | Std. Error | | 5.9 | 7.5 | 4.3 | 3.5 | 3.5 | | 2.3 | 30.9 | 65.0 | 9.2 | |
| | Sample Size | 1 | 9 | 11 | 38 | 80 | 4 | | 181 | 3 | 2 | 13 | |
| Female | Avg. Length | | | | 584 | 473 | | 610 | 581 | 550 | | 580 | |
| | Std. Error | | | | 2.7 | 8.8 | | | 1.8 | | | 5.2 | |
| | Sample Size | | | | 45 | 26 | | 1 | 207 | 1 | | 25 | |
| All Fish | Avg. Length | 330 | 454 | 325 | 592 | 457 | 315 | 610 | 589 | 489 | 585 | 591 | |
| | Std. Error | | 5.9 | 7.5 | 2.6 | 3.5 | 3.5 | | 1.5 | 29.9 | 65.0 | 5.2 | |
| | Sample Size | 1 | 9 | 11 | 83 | 106 | 4 | 1 | 388 | 4 | 2 | 38 | |

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Appendix E.50 Length composition of sockeye salmon in the Canyon Island (Taku River) fishwheel catch by sex, age class, and escapement period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1985 | 1984 | | 1983 | | | 1982 | | | 1981 | | 1980 |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 2.1 | 0.4 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 |
| Escapement Dates: (July 26 - August 1) | | | | | | | | | | | | | |
| Sample Dates: (July 26 - August 1) | | | | | | | | | | | | | |
| Male | Avg. Length | 325 | 458 | 324 | 603 | 463 | 337 | 595 | 609 | 425 | | 602 | 650 |
| | Std. Error | | 12.5 | 4.4 | 3.9 | 6.6 | 5.4 | | 2.8 | | | 9.1 | |
| | Sample Size | 1 | 8 | 17 | 33 | 34 | 7 | 1 | 130 | 1 | | 9 | 1 |
| Female | Avg. Length | | | | 582 | 509 | | | 588 | 480 | 563 | 586 | |
| | Std. Error | | | | 3.2 | 14.7 | | | 2.3 | 10.0 | 7.5 | 6.7 | |
| | Sample Size | | | | 53 | 9 | | | 136 | 2 | 2 | 12 | |
| All Fish | Avg. Length | 325 | 458 | 324 | 590 | 473 | 337 | 595 | 598 | 462 | 563 | 593 | 650 |
| | Std. Error | | 12.5 | 4.4 | 2.7 | 6.7 | 5.4 | | 1.9 | 19.2 | 7.5 | 5.6 | |
| | Sample Size | 1 | 8 | 17 | 86 | 43 | 7 | 1 | 267 | 3 | 2 | 21 | 1 |
| Escapement Dates: (August 2 - 8) | | | | | | | | | | | | | |
| Sample Dates: (August 2 - 8) | | | | | | | | | | | | | |
| Male | Avg. Length | 311 | 476 | 318 | 603 | 454 | 332 | 585 | 597 | 483 | | 610 | |
| | Std. Error | 7.6 | 20.6 | 2.6 | 3.3 | 5.2 | 2.7 | | 4.2 | 27.8 | | 8.4 | |
| | Sample Size | 5 | 4 | 43 | 49 | 61 | 28 | 1 | 102 | 4 | | 8 | |
| Female | Avg. Length | | | | 577 | 489 | | | 580 | 490 | | 568 | |
| | Std. Error | | | | 3.4 | 7.5 | | | 2.6 | 6.8 | | 10.1 | |
| | Sample Size | | | | 62 | 17 | | | 132 | 6 | | 11 | |
| All Fish | Avg. Length | 311 | 476 | 318 | 588 | 462 | 332 | 585 | 587 | 487 | | 586 | |
| | Std. Error | 7.6 | 20.6 | 2.6 | 2.7 | 4.7 | 2.7 | | 2.4 | 11.0 | | 8.3 | |
| | Sample Size | 5 | 4 | 43 | 111 | 78 | 28 | 1 | 234 | 10 | | 19 | |
| Escapement Dates: (August 9 - 15) | | | | | | | | | | | | | |
| Sample Dates: (August 9 - 15) | | | | | | | | | | | | | |
| Male | Avg. Length | 316 | 480 | 317 | 559 | 468 | 343 | 645 | 607 | 500 | | 600 | |
| | Std. Error | 5.1 | | 2.9 | 13.9 | 11.7 | 17.2 | | 4.8 | 40.0 | | | |
| | Sample Size | 9 | 1 | 38 | 19 | 22 | 18 | 1 | 37 | 2 | | 2 | |
| Female | Avg. Length | | 440 | | 574 | 472 | | | 580 | 530 | | 593 | |
| | Std. Error | | | | 3.5 | 6.8 | | | 4.1 | | | 12.5 | |
| | Sample Size | | 1 | | 26 | 15 | | | 61 | 1 | | 2 | |
| All Fish | Avg. Length | 316 | 460 | 317 | 568 | 470 | 343 | 645 | 590 | 510 | | 596 | |
| | Std. Error | 5.1 | 20.0 | 2.9 | 6.2 | 7.4 | 17.2 | | 3.4 | 25.2 | | 5.5 | |
| | Sample Size | 9 | 2 | 38 | 45 | 37 | 18 | 1 | 98 | 3 | | 4 | |
| Escapement Dates: (August 16 - Sept. 20) | | | | | | | | | | | | | |
| Sample Dates: (August 16 - Sept. 20) | | | | | | | | | | | | | |
| Male | Avg. Length | 316 | 440 | 319 | 597 | 436 | 325 | | 591 | 510 | | 620 | |
| | Std. Error | 9.6 | | 2.3 | 7.6 | 9.2 | | | 17.2 | | | | |
| | Sample Size | 7 | 1 | 40 | 12 | 15 | 1 | | 19 | 1 | | 1 | |
| Female | Avg. Length | | | | 553 | 486 | | 615 | 577 | 495 | | 555 | |
| | Std. Error | | | | 6.0 | 8.5 | | | 3.9 | | | 20.2 | |
| | Sample Size | | | | 13 | 4 | | 1 | 45 | 2 | | 3 | |
| All Fish | Avg. Length | 316 | 440 | 319 | 574 | 447 | 325 | 615 | 581 | 500 | | 571 | |
| | Std. Error | 9.6 | | 2.3 | 6.5 | 8.8 | | | 5.8 | 5.0 | | 21.6 | |
| | Sample Size | 7 | 1 | 40 | 25 | 19 | 1 | 1 | 64 | 3 | | 4 | |
| Combined Periods (Unweighted) | | | | | | | | | | | | | |
| Male | Avg. Length | 316 | 458 | 319 | 597 | 456 | 335 | 608 | 600 | 481 | 567 | 612 | 650 |
| | Std. Error | 3.8 | 5.3 | 1.4 | 2.6 | 1.8 | 5.5 | 18.6 | 1.2 | 9.1 | 41.8 | 4.2 | |
| | Sample Size | 23 | 27 | 149 | 166 | 390 | 58 | 3 | 771 | 30 | 3 | 58 | 1 |
| Female | Avg. Length | | 490 | | 578 | 484 | | 613 | 583 | 505 | 563 | 579 | |
| | Std. Error | | 50.0 | | 1.7 | 3.5 | | 2.5 | 1.0 | 5.8 | 7.5 | 2.9 | |
| | Sample Size | | 2 | | 206 | 117 | | 2 | 809 | 34 | 2 | 75 | |
| All Fish | Avg. Length | 316 | 460 | 319 | 586 | 463 | 335 | 610 | 591 | 494 | 565 | 593 | 650 |
| | Std. Error | 3.8 | 5.7 | 1.4 | 1.5 | 1.7 | 5.5 | 10.2 | 0.8 | 5.4 | 23.0 | 2.8 | |
| | Sample Size | 23 | 29 | 149 | 372 | 507 | 58 | 5 | 1582 | 64 | 5 | 133 | 1 |

Appendix E.51 Catch and CPUE (catch/wheel hour) of sockeye salmon in fishwheels at Canyon Island (Taku River), 1987.

| Date | Daily Sockeye Catch | Cumul. Sockeye Catch | Daily CPUE | Daily Proport. CPUE | Cumul. Proport. CPUE |
|---|---|---|---|---|---|
| 15-Jun | 2 | 2 | 0.2500 | 0.0022 | 0.0022 |
| 16-Jun | 8 | 10 | 0.3478 | 0.0030 | 0.0052 |
| 17-Jun | 6 | 16 | 0.2553 | 0.0022 | 0.0074 |
| 18-Jun | 3 | 19 | 0.1071 | 0.0009 | 0.0083 |
| 19-Jun | 30 | 49 | 0.6356 | 0.0055 | 0.0139 |
| 20-Jun | 33 | 82 | 0.7100 | 0.0062 | 0.0200 |
| 21-Jun | 43 | 125 | 0.9348 | 0.0081 | 0.0282 |
| 22-Jun | 11 | 136 | 0.3014 | 0.0026 | 0.0308 |
| 23-Jun | 23 | 159 | 0.7077 | 0.0062 | 0.0370 |
| 24-Jun | 74 | 233 | 2.1765 | 0.0189 | 0.0559 |
| 25-Jun | 61 | 294 | 1.3708 | 0.0119 | 0.0678 |
| 26-Jun | 26 | 320 | 0.5714 | 0.0050 | 0.0728 |
| 27-Jun | 38 | 358 | 1.1343 | 0.0099 | 0.0826 |
| 28-Jun | 56 | 414 | 1.2584 | 0.0109 | 0.0936 |
| 29-Jun | 105 | 519 | 2.4706 | 0.0215 | 0.1150 |
| 30-Jun | 24 | 543 | 0.6400 | 0.0056 | 0.1206 |
| 01-Jul | 9 | 552 | 0.3158 | 0.0027 | 0.1234 |
| 02-Jul | 8 | 560 | 0.2162 | 0.0019 | 0.1252 |
| 03-Jul | 14 | 574 | 0.3175 | 0.0028 | 0.1280 |
| 04-Jul | 38 | 612 | 1.3149 | 0.0114 | 0.1394 |
| 05-Jul | 87 | 699 | 2.1970 | 0.0191 | 0.1585 |
| 06-Jul | 72 | 771 | 1.7476 | 0.0152 | 0.1737 |
| 07-Jul | 75 | 846 | 1.8293 | 0.0159 | 0.1896 |
| 08-Jul | 26 | 872 | 0.7027 | 0.0061 | 0.1957 |
| 09-Jul | 0 | 872 | 0.0000 | 0.0000 | 0.1957 |
| 10-Jul | 57 | 929 | 1.3669 | 0.0119 | 0.2076 |
| 11-Jul | 24 | 953 | 0.5607 | 0.0049 | 0.2125 |
| 12-Jul | 29 | 982 | 0.6729 | 0.0059 | 0.2184 |
| 13-Jul | 30 | 1012 | 0.6818 | 0.0059 | 0.2243 |
| 14-Jul | 66 | 1078 | 1.5000 | 0.0130 | 0.2373 |
| 15-Jul | 62 | 1140 | 1.4762 | 0.0128 | 0.2502 |
| 16-Jul | 28 | 1168 | 0.7349 | 0.0064 | 0.2566 |
| 17-Jul | 41 | 1209 | 0.9693 | 0.0084 | 0.2650 |
| 18-Jul | 106 | 1315 | 2.5420 | 0.0221 | 0.2871 |
| 19-Jul | 105 | 1420 | 2.5000 | 0.0217 | 0.3088 |
| 20-Jul | 164 | 1584 | 3.9048 | 0.0340 | 0.3428 |
| 21-Jul | 219 | 1803 | 5.2771 | 0.0459 | 0.3887 |
| 22-Jul | 100 | 1903 | 4.4444 | 0.0386 | 0.4273 |
| 23-Jul | 138 | 2041 | 3.4074 | 0.0296 | 0.4569 |
| 24-Jul | 112 | 2153 | 2.9091 | 0.0253 | 0.4822 |
| 25-Jul | 83 | 2236 | 2.1120 | 0.0184 | 0.5006 |
| 26-Jul | 117 | 2353 | 2.8818 | 0.0251 | 0.5256 |
| 27-Jul | 97 | 2450 | 4.7317 | 0.0411 | 0.5668 |
| 28-Jul | 26 | 2476 | 2.5000 | 0.0217 | 0.5885 |
| 29-Jul | 62 | 2538 | 2.8182 | 0.0245 | 0.6130 |
| 30-Jul | 27 | 2565 | 1.2108 | 0.0105 | 0.6236 |
| 31-Jul | 159 | 2724 | 5.2303 | 0.0455 | 0.6690 |
| 01-Aug | 163 | 2887 | 4.0497 | 0.0352 | 0.7042 |

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Appendix E.51 Catch and CPUE (catch/wheel hour) of sockeye salmon in fishwheels at Canyon Island (Taku River), 1987.

| Date | Daily Sockeye Catch | Cumul. Sockeye Catch | Daily CPUE | Daily Proport. CPUE | Cumul. Proport. CPUE |
|---|---|---|---|---|---|
| 02-Aug | 144 | 3031 | 3.8710 | 0.0337 | 0.7379 |
| 03-Aug | 150 | 3181 | 3.6991 | 0.0322 | 0.7701 |
| 04-Aug | 138 | 3319 | 3.3659 | 0.0293 | 0.7993 |
| 05-Aug | 137 | 3456 | 3.1860 | 0.0277 | 0.8270 |
| 06-Aug | 97 | 3553 | 2.2402 | 0.0195 | 0.8465 |
| 07-Aug | 87 | 3640 | 2.0471 | 0.0178 | 0.8643 |
| 08-Aug | 68 | 3708 | 1.5472 | 0.0135 | 0.8778 |
| 09-Aug | 66 | 3774 | 1.5000 | 0.0130 | 0.8908 |
| 10-Aug | 74 | 3848 | 1.6629 | 0.0145 | 0.9053 |
| 11-Aug | 89 | 3937 | 1.9778 | 0.0172 | 0.9225 |
| 12-Aug | 49 | 3986 | 1.0889 | 0.0095 | 0.9319 |
| 13-Aug | 30 | 4016 | 0.6637 | 0.0058 | 0.9377 |
| 14-Aug | 18 | 4034 | 0.3896 | 0.0034 | 0.9411 |
| 15-Aug | 35 | 4069 | 0.7830 | 0.0068 | 0.9479 |
| 16-Aug | 32 | 4101 | 0.7207 | 0.0063 | 0.9542 |
| 17-Aug | 23 | 4124 | 0.4946 | 0.0043 | 0.9585 |
| 18-Aug | 19 | 4143 | 0.4060 | 0.0035 | 0.9620 |
| 19-Aug | 18 | 4161 | 0.3896 | 0.0034 | 0.9654 |
| 20-Aug | 10 | 4171 | 0.2247 | 0.0020 | 0.9673 |
| 21-Aug | 5 | 4176 | 0.1062 | 0.0009 | 0.9683 |
| 22-Aug | 14 | 4190 | 0.2985 | 0.0026 | 0.9709 |
| 23-Aug | 11 | 4201 | 0.3099 | 0.0027 | 0.9735 |
| 24-Aug | 7 | 4208 | 0.2208 | 0.0019 | 0.9755 |
| 25-Aug | 23 | 4231 | 0.7541 | 0.0066 | 0.9820 |
| 26-Aug | 2 | 4233 | 0.2353 | 0.0020 | 0.9841 |
| 27-Aug | 0 | 4233 | 0.0000 | 0.0000 | 0.9841 |
| 28-Aug | 2 | 4235 | 0.0784 | 0.0007 | 0.9848 |
| 29-Aug | 2 | 4237 | 0.0563 | 0.0005 | 0.9852 |
| 30-Aug | 6 | 4243 | 0.1395 | 0.0012 | 0.9865 |
| 31-Aug | 12 | 4255 | 0.2709 | 0.0024 | 0.9888 |
| 01-Sep | 12 | 4267 | 0.2667 | 0.0023 | 0.9911 |
| 02-Sep | 5 | 4272 | 0.1142 | 0.0010 | 0.9921 |
| 03-Sep | 1 | 4273 | 0.0263 | 0.0002 | 0.9924 |
| 04-Sep | 5 | 4278 | 0.1096 | 0.0010 | 0.9933 |
| 05-Sep | 2 | 4280 | 0.0580 | 0.0005 | 0.9938 |
| 06-Sep | 7 | 4287 | 0.1750 | 0.0015 | 0.9953 |
| 07-Sep | 1 | 4288 | 0.0233 | 0.0002 | 0.9955 |
| 08-Sep | 6 | 4294 | 0.1846 | 0.0016 | 0.9971 |
| 09-Sep | 4 | 4298 | 0.0901 | 0.0008 | 0.9979 |
| 10-Sep | 1 | 4299 | 0.0455 | 0.0004 | 0.9983 |
| 11-Sep | 0 | 4299 | 0.0000 | 0.0000 | 0.9983 |
| 12-Sep | 0 | 4299 | 0.0000 | 0.0000 | 0.9983 |
| 13-Sep | 6 | 4305 | 0.1449 | 0.0013 | 0.9996 |
| 14-Sep | 2 | 4307 | 0.0488 | 0.0004 | 1.0000 |
| 15-Sep | 0 | 4307 | 0.0000 | 0.0000 | 1.0000 |
| 16-Sep | 0 | 4307 | 0.0000 | 0.0000 | 1.0000 |
| 17-Sep | 0 | 4307 | 0.0000 | 0.0000 | 1.0000 |
| 18-Sep | 0 | 4307 | 0.0000 | 0.0000 | 1.0000 |
| 19-Sep | 0 | 4307 | 0.0000 | 0.0000 | 1.0000 |
| 20-Sep | 0 | 4307 | 0.0000 | 0.0000 | 1.0000 |

Appendix E.52 Age composition of sockeye salmon in the Yehring Creek (Taku River) escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | 1982 | 1981 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.3 | Total |
| Sample Dates: (Sept. 9 - 29) | | | | | | | |
| Male | | | | | | | |
| Sample Number | 2 | 11 | 2 | 7 | 20 | 5 | 47 |
| Percent | 2.2 | 12.0 | 2.2 | 7.6 | 21.7 | 5.4 | 51.1 |
| Std. Error | 1.5 | 3.4 | 1.5 | 2.8 | 4.3 | 2.4 | 5.2 |
| Female | | | | | | | |
| Sample Number | | 2 | 2 | 4 | 34 | 3 | 45 |
| Percent | | 2.2 | 2.2 | 4.3 | 37.0 | 3.3 | 48.9 |
| Std. Error | | 1.5 | 1.5 | 2.1 | 5.1 | 1.9 | 5.2 |
| All Fish | | | | | | | |
| Sample Number | 2 | 13 | 4 | 11 | 54 | 8 | 92 |
| Percent | 2.2 | 14.1 | 4.3 | 12.0 | 58.7 | 8.7 | 100.0 |
| Std. Error | 1.5 | 3.7 | 2.1 | 3.4 | 5.2 | 3.0 | |

Appendix E.53 Length composition of sockeye salmon in the Yehring Creek (Taku River) escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | 1982 | 1981 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.3 |
| Sample Dates: | (Sept. 9 - 29) | | | | | | |
| Male | Avg. Length | 488 | 327 | 601 | 437 | 591 | 595 |
| | Std. Error | 23.0 | 4.7 | 20.0 | 17.2 | 5.3 | 13.0 |
| | Sample Size | 2 | 11 | 2 | 7 | 20 | 5 |
| Female | Avg. Length | | 328 | 573 | 497 | 579 | 562 |
| | Std. Error | | 4.0 | 13.0 | 5.6 | 3.0 | 23.2 |
| | Sample Size | | 2 | 2 | 4 | 34 | 3 |
| All Fish | Avg. Length | 488 | 327 | 587 | 459 | 583 | 583 |
| | Std. Error | 23.0 | 4.0 | 12.7 | 14.0 | 2.8 | 12.5 |
| | Sample Size | 2 | 13 | 4 | 11 | 54 | 8 |

Appendix E.54 Age composition of sockeye salmon in the South Fork Slough (Taku River) escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | 1982 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | Total |
| Sample Date: (Sept. 26) | | | | | | |
| Male | | | | | | |
| Sample Number | | 1 | 3 | 2 | | 6 |
| Percent | | 7.1 | 21.4 | 14.3 | | 42.9 |
| Std. Error | | 7.1 | 11.4 | 9.7 | | 13.7 |
| Female | | | | | | |
| Sample Number | 1 | | 6 | | 1 | 8 |
| Percent | 7.1 | | 42.9 | | 7.1 | 57.1 |
| Std. Error | 7.1 | | 13.7 | | 7.1 | 13.7 |
| All Fish | | | | | | |
| Sample Number | 1 | 1 | 9 | 2 | 1 | 14 |
| Percent | 7.1 | 7.1 | 64.3 | 14.3 | 7.1 | 100.0 |
| Std. Error | 7.1 | 7.1 | 13.3 | 9.7 | 7.1 | |

Appendix E.55 Length composition of sockeye salmon in the South Fork Slough (Taku River) escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | 1982 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 |
| Sample Date: | (Sept. 26) | | | | | |
| Male | Avg. Length | | 350 | 602 | 503 | |
| | Std. Error | | | 13.3 | 13.0 | |
| | Sample Size | | 1 | 3 | 2 | |
| Female | Avg. Length | 521 | | 551 | | 560 |
| | Std. Error | | | 5.4 | | |
| | Sample Size | 1 | | 6 | | 1 |
| All Fish | Avg. Length | 521 | 350 | 568 | 503 | 560 |
| | Std. Error | | | 10.0 | 13.0 | |
| | Sample Size | 1 | 1 | 9 | 2 | 1 |

Appendix E.56 Age composition of sockeye salmon in the Tuskwa Slough escapement (Taku River) escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1985 | 1984 | | 1983 | | 1982 | 1981 | |
| | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.3 | Total |
| Sample Dates: | (Sept. 24 - October 1) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 1 | 7 | 2 | 7 | 9 | 2 | | 28 |
| Percent | 1.8 | 12.5 | 3.6 | 12.5 | 16.1 | 3.6 | | 50.0 |
| Std. Error | 1.8 | 4.5 | 2.5 | 4.5 | 5.0 | 2.5 | | 6.7 |
| Female | | | | | | | | |
| Sample Number | | | | 23 | | 4 | 1 | 28 |
| Percent | | | | 41.1 | | 7.1 | 1.8 | 50.0 |
| Std. Error | | | | 6.6 | | 3.5 | 1.8 | 6.7 |
| All Fish | | | | | | | | |
| Sample Number | 1 | 7 | 2 | 30 | 9 | 6 | 1 | 56 |
| Percent | 1.8 | 12.5 | 3.6 | 53.6 | 16.1 | 10.7 | 1.8 | 100.0 |
| Std. Error | 1.8 | 4.5 | 2.5 | 6.7 | 5.0 | 4.2 | 1.8 | |

Appendix E.57 Length composition of sockeye salmon in the Tuskwa Slough (Taku River) escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1985 | 1984 | | 1983 | | 1982 | 1981 |
| | | 0.1 | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.3 |
| Sample Dates: | (Sept. 24 - October 1) | | | | | | | |
| Male | Avg. Length | 295 | 429 | 340 | 589 | 454 | 600 | |
| | Std. Error | | 6.5 | 10.0 | 8.5 | 12.9 | 10.0 | |
| | Sample Size | 1 | 7 | 2 | 7 | 9 | 2 | |
| Female | Avg. Length | | | | 558 | | 571 | 600 |
| | Std. Error | | | | 4.4 | | 9.0 | |
| | Sample Size | | | | 22 | | 4 | 1 |
| All Fish | Avg. Length | 295 | 429 | 340 | 565 | 454 | 581 | 600 |
| | Std. Error | | 6.5 | 10.0 | 4.6 | 12.9 | 8.7 | |
| | Sample Size | 1 | 7 | 2 | 29 | 9 | 6 | 1 |

Appendix E.58 Age composition of sockeye salmon in the Coffee Slough (Taku River) escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | 1982 | | 1981 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 | Total |
| Sample Date: (October 1) | | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 1 | 1 | 12 | 7 | 3 | 1 | 1 | 26 |
| Percent | 2.9 | 2.9 | 34.3 | 20.0 | 8.6 | 2.9 | 2.9 | 74.3 |
| Std. Error | 2.9 | 2.9 | 8.1 | 6.9 | 4.8 | 2.9 | 2.9 | 7.5 |
| Female | | | | | | | | |
| Sample Number | | | 4 | | 4 | | 1 | 9 |
| Percent | | | 11.4 | | 11.4 | | 2.9 | 25.7 |
| Std. Error | | | 5.5 | | 5.5 | | 2.9 | 7.5 |
| All Fish | | | | | | | | |
| Sample Number | 1 | 1 | 16 | 7 | 7 | 1 | 2 | 35 |
| Percent | 2.9 | 2.9 | 45.7 | 20.0 | 20.0 | 2.9 | 5.7 | 100.0 |
| Std. Error | 2.9 | 2.9 | 8.5 | 6.9 | 6.9 | 2.9 | 4.0 | |

Appendix E.59 Length composition of sockeye salmon in the Coffee Slough (Taku River) escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | 1982 | | 1981 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 |
| Sample Date: | (October 1) | | | | | | | |
| Male | Avg. Length | 415 | 340 | 606 | 425 | 608 | 435 | 595 |
| | Std. Error | | | 7.8 | 8.9 | 7.3 | | |
| | Sample Size | 1 | 1 | 12 | 7 | 3 | 1 | 1 |
| Female | Avg. Length | | | 596 | | 578 | | 560 |
| | Std. Error | | | 11.4 | | 23.2 | | |
| | Sample Size | | | 4 | | 3 | | 1 |
| All Fish | Avg. Length | 415 | 340 | 603 | 425 | 593 | 435 | 578 |
| | Std. Error | | | 6.4 | 8.9 | 12.8 | | 17.5 |
| | Sample Size | 1 | 1 | 16 | 7 | 6 | 1 | 2 |

Appendix E.60 Age composition of sockeye salmon in the Chum Salmon Slough (Taku River) by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | 1982 | 1981 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.3 | Total |
| Sample Date: (Sept. 24) | | | | | | | |
| Male | | | | | | | |
| Sample Number | 3 | 2 | 25 | 13 | 24 | 1 | 68 |
| Percent | 2.7 | 1.8 | 22.1 | 11.5 | 21.4 | 0.9 | 60.7 |
| Std. Error | 1.5 | 1.3 | 3.9 | 3.0 | 3.9 | 0.9 | 4.6 |
| Female | | | | | | | |
| Sample Number | | | 28 | 1 | 14 | 1 | 44 |
| Percent | | | 24.8 | 0.9 | 12.5 | 0.9 | 39.3 |
| Std. Error | | | 4.1 | 0.9 | 3.1 | 0.9 | 4.6 |
| All Fish | | | | | | | |
| Sample Number | 3 | 2 | 53 | 14 | 38 | 2 | 112 |
| Percent | 2.7 | 1.8 | 47.3 | 12.5 | 33.9 | 1.8 | 100.0 |
| Std. Error | 1.5 | 1.3 | 4.7 | 3.1 | 4.5 | 1.3 | |

Appendix E.61 Length composition of sockeye salmon in the Chum Salmon Slough (Taku River) escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | 1982 | 1981 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.3 |
| Sample Date: | (Sept. 24) | | | | | | |
| Male | Avg. Length | 437 | 330 | 586 | 453 | 601 | 590 |
| | Std. Error | 6.7 | 10.0 | 3.9 | 3.9 | 3.5 | |
| | Sample Size | 3 | 2 | 25 | 13 | 22 | 1 |
| Female | Avg. Length | | | 556 | 475 | 569 | 560 |
| | Std. Error | | | 3.8 | | 4.3 | |
| | Sample Size | | | 28 | 1 | 14 | 1 |
| All Fish | Avg. Length | 437 | 330 | 570 | 454 | 589 | 575 |
| | Std. Error | 6.7 | 10.0 | 3.4 | 3.9 | 3.8 | 15.0 |
| | Sample Size | 3 | 2 | 53 | 14 | 36 | 2 |

Appendix E.62 Age composition of sockeye salmon in the Nakina River escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | 1981 | |
| | 1.1 | 0.3 | 1.2 | 1.3 | 2.3 | Total |
| Sample Dates: | (August) | | | | | |
| All Fish 1/ | | | | | | |
| Sample Number | 2 | 2 | 6 | 15 | 1 | 26 |
| Percent | 7.7 | 7.7 | 23.1 | 57.7 | 3.8 | 100.0 |
| Std. Error | 5.3 | 5.3 | 8.4 | 9.9 | 3.8 | |

1/ Sex data not recorded.

Appendix E.63 Age composition of sockeye salmon in the Nakina River (Kuthai Lake origin) escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | |
|---|---|---|---|---|
| | 1983 | 1982 | | |
| | 1.2 | 1.3 | 2.2 | Total |
| Sample Dates: | (August 1 - 22) | | | |
| Male | | | | |
| Sample Number | 2 | 10 | 1 | 13 |
| Percent | 5.6 | 27.8 | 2.8 | 36.1 |
| Std. Error | 3.9 | 7.6 | 2.8 | 8.1 |
| Female | | | | |
| Sample Number | 3 | 18 | 2 | 23 |
| Percent | 8.3 | 50.0 | 5.6 | 63.9 |
| Std. Error | 4.7 | 8.4 | 3.9 | 8.1 |
| All Fish | | | | |
| Sample Number | 5 | 28 | 3 | 36 |
| Percent | 13.9 | 77.8 | 8.3 | 100.0 |
| Std. Error | 5.8 | 7.0 | 4.7 | |

Appendix E.64 Length composition of sockeye salmon in the Nakina River (Kuthai Lake origin) escapement by sex and age class, 1987. 1/

| | | Brood Year and Age Class | | |
|---|---|---|---|---|
| | | 1983 | 1982 | |
| | | 1.2 | 1.3 | 2.2 |
| Sample Dates: | (August 1 - 22) | | | |
| Male | Avg. Length | 475 | 589 | 461 |
| | Std. Error | 19.0 | 3.6 | |
| | Sample Size | 2 | 10 | 1 |
| Female | Avg. Length | 467 | 572 | 486 |
| | Std. Error | 11.3 | 4.3 | 19.0 |
| | Sample Size | 3 | 18 | 2 |
| All Fish | Avg. Length | 470 | 578 | 478 |
| | Std. Error | 8.9 | 3.4 | 13.8 |
| | Sample Size | 5 | 28 | 3 |

1/ Lengths transformed to mid-eye to fork of tail from post-orbital to hypural plate.

Appendix E.65 Age composition of sockeye salmon in the Kuthai Lake escapement by sex and age class, 1987. 1/

| | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|
| | 1983 | 1982 | 1981 | | |
| | 1.2 | 1.3 | 1.4 | 2.3 | Total |
| Sample Date: | (Sept. 24) | | | | |
| Male | | | | | |
| Sample Number | 30 | 29 | 1 | | 60 |
| Percent | 30.6 | 29.6 | 1.0 | | 61.2 |
| Std. Error | 4.7 | 4.6 | 1.0 | | 4.9 |
| Female | | | | | |
| Sample Number | 21 | 16 | | 1 | 38 |
| Percent | 21.4 | 16.3 | | 1.0 | 38.8 |
| Std. Error | 4.2 | 3.7 | | 1.0 | 4.9 |
| All Fish | | | | | |
| Sample Number | 51 | 45 | 1 | 1 | 98 |
| Percent | 52.0 | 45.9 | 1.0 | 1.0 | 100.0 |
| Std. Error | 5.1 | 5.0 | 1.0 | 1.0 | |

1/ Ocean ages were determined by aging otoliths, and were provided by DFO.

Appendix E.66 Length composition of sockeye salmon in the Kuthai Lake escapement by sex and age class, 1987. 1/

| | | Brood Year and Age Class | | | |
|---|---|---|---|---|---|
| | | 1983 | 1982 | 1981 | |
| | | 1.2 | 1.3 | 1.4 | 2.3 |
| Sample Date: | (Sept. 24) | | | | |
| Male | Avg. Length | 502 | 518 | 508 | |
| | Std. Error | 6.2 | 3.9 | | |
| | Sample Size | 30 | 29 | 1 | |
| Female | Avg. Length | 484 | 511 | | 475 |
| | Std. Error | 7.4 | 4.5 | | |
| | Sample Size | 21 | 16 | | 1 |
| All Fish | Avg. Length | 494 | 516 | 508 | 475 |
| | Std. Error | 4.9 | 3.0 | | |
| | Sample Size | 51 | 45 | 1 | 1 |

1/ Lengths transformed to mid-eye to fork of tail from post-orbital to hypural plate.

Appendix E.67 Age composition of sockeye salmon in the Little Trapper Lake escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|
| | 1984 | 1983 | 1982 | | 1981 | |
| | 1.1 | 1.2 | 1.3 | 2.2 | 2.3 | Total |
| Escapement Dates: | (August 5 - 15) | | | | | |
| Sample Dates: | (August 5 - 15) | | | | | |
| Male | | | | | | |
| Sample Number | | 20 | 106 | | 6 | 132 |
| Percent | | 10.9 | 57.6 | | 3.3 | 71.7 |
| Std. Error | | 2.2 | 3.6 | | 1.3 | 3.3 |
| Number | | 439 | 2328 | | 132 | 2899 |
| Female | | | | | | |
| Sample Number | | | 44 | 1 | 7 | 52 |
| Percent | | | 23.9 | 0.5 | 3.8 | 28.3 |
| Std. Error | | | 3.1 | 0.5 | 1.4 | 3.3 |
| Number | | | 966 | 22 | 154 | 1142 |
| All Fish | | | | | | |
| Sample Number | | 20 | 150 | 1 | 13 | 184 |
| Percent | | 10.9 | 81.5 | 0.5 | 7.1 | 100.0 |
| Std. Error | | 2.2 | 2.8 | 0.5 | 1.9 | |
| Number | | 439 | 3294 | 22 | 286 | 4041 |
| Escapement Dates: | (August 16 - 22) | | | | | |
| Sample Dates: | (August 16 - 22) | | | | | |
| Male | | | | | | |
| Sample Number | 1 | 43 | 114 | 2 | 12 | 172 |
| Percent | 0.3 | 12.4 | 32.9 | 0.6 | 3.5 | 49.6 |
| Std. Error | 0.3 | 1.7 | 2.5 | 0.4 | 1.0 | 2.6 |
| Number | 19 | 820 | 2173 | 38 | 229 | 3279 |
| Female | | | | | | |
| Sample Number | | 3 | 153 | | 19 | 175 |
| Percent | | 0.9 | 44.1 | | 5.5 | 50.4 |
| Std. Error | | 0.5 | 2.6 | | 1.2 | 2.6 |
| Number | | 57 | 2918 | | 362 | 3337 |
| All Fish | | | | | | |
| Sample Number | 1 | 46 | 267 | 2 | 31 | 347 |
| Percent | 0.3 | 13.3 | 76.9 | 0.6 | 8.9 | 100.0 |
| Std. Error | 0.3 | 1.8 | 2.2 | 0.4 | 1.5 | |
| Number | 19 | 877 | 5091 | 38 | 591 | 6616 |
| Escapement Dates: | (August 23 - Sept. 8) | | | | | |
| Sample Dates: | (August 23 - Sept. 4) | | | | | |
| Male | | | | | | |
| Sample Number | | 12 | 82 | | 9 | 103 |
| Percent | | 6.6 | 44.8 | | 4.9 | 56.3 |
| Std. Error | | 1.7 | 3.4 | | 1.5 | 3.4 |
| Number | | 89 | 605 | | 66 | 760 |
| Female | | | | | | |
| Sample Number | | 2 | 61 | 1 | 16 | 80 |
| Percent | | 1.1 | 33.3 | 0.5 | 8.7 | 43.7 |
| Std. Error | | 0.7 | 3.2 | 0.5 | 1.9 | 3.4 |
| Number | | 15 | 450 | 7 | 118 | 590 |
| All Fish | | | | | | |
| Sample Number | | 14 | 143 | 1 | 25 | 183 |
| Percent | | 7.7 | 78.1 | 0.5 | 13.7 | 100.0 |
| Std. Error | | 1.8 | 2.8 | 0.5 | 2.4 | |
| Number | | 104 | 1055 | 7 | 184 | 1350 |
| Combined Periods (Percentages are weighted by period escapements) | | | | | | |
| Male | | | | | | |
| Sample Number | 1 | 75 | 302 | 2 | 27 | 407 |
| Percent | 0.2 | 11.2 | 42.5 | 0.3 | 3.6 | 57.8 |
| Std. Error | 0.2 | 1.2 | 1.9 | 0.2 | 0.7 | 1.9 |
| Number | 19 | 1348 | 5106 | 38 | 427 | 6938 |
| Female | | | | | | |
| Sample Number | | 5 | 258 | 2 | 42 | 307 |
| Percent | | 0.6 | 36.1 | 0.2 | 5.3 | 42.2 |
| Std. Error | | 0.3 | 1.8 | 0.2 | 0.8 | 1.9 |
| Number | | 72 | 4334 | 29 | 634 | 5069 |
| All Fish | | | | | | |
| Sample Number | 1 | 80 | 560 | 4 | 69 | 714 |
| Percent | 0.2 | 11.8 | 78.6 | 0.6 | 8.8 | 100.0 |
| Std. Error | 0.2 | 1.3 | 1.6 | 0.3 | 1.1 | |
| Number | 19 | 1420 | 9440 | 67 | 1061 | 12007 |

Appendix E.68 Length composition of sockeye salmon in the Little Trapper Lake escapement by sex, age class, and escapement period, 1987. 1/

| | | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|---|
| | | 1984 | 1983 | 1982 | | 1981 |
| | | 1.1 | 1.2 | 1.3 | 2.2 | 2.3 |
| Escapement Dates: (August 5 - 15) | | | | | | |
| Sample Dates: (August 5 - 15) | | | | | | |
| Male | Avg. Length | | 451 | 593 | | 595 |
| | Std. Error | | 4.6 | 1.7 | | 5.0 |
| | Sample Size | | 20 | 106 | | 6 |
| Female | Avg. Length | | | 576 | 502 | 579 |
| | Std. Error | | | 3.0 | | 8.4 |
| | Sample Size | | | 44 | 1 | 7 |
| All Fish | Avg. Length | | 451 | 588 | 502 | 586 |
| | Std. Error | | 4.6 | 1.6 | | 5.4 |
| | Sample Size | | 20 | 150 | 1 | 13 |
| Escapement Dates: (August 16 - 22) | | | | | | |
| Sample Dates: (August 16 - 22) | | | | | | |
| Male | Avg. Length | 349 | 447 | 589 | 454 | 588 |
| | Std. Error | | 3.8 | 2.2 | | 6.8 |
| | Sample Size | 1 | 43 | 114 | 2 | 12 |
| Female | Avg. Length | | 488 | 567 | | 576 |
| | Std. Error | | 5.0 | 1.9 | | 5.6 |
| | Sample Size | | 3 | 153 | | 19 |
| All Fish | Avg. Length | 349 | 450 | 577 | 454 | 580 |
| | Std. Error | | 3.9 | 1.6 | | 4.4 |
| | Sample Size | 1 | 46 | 267 | 2 | 31 |
| Escapement Dates: (August 23 - Sept. 8) | | | | | | |
| Sample Dates: (August 23 - Sept. 4) | | | | | | |
| Male | Avg. Length | | 442 | 591 | | 597 |
| | Std. Error | | 8.1 | 2.3 | | 5.0 |
| | Sample Size | | 12 | 82 | | 9 |
| Female | Avg. Length | | 470 | 570 | 458 | 575 |
| | Std. Error | | 16.0 | 3.0 | | 6.9 |
| | Sample Size | | 2 | 61 | 1 | 16 |
| All Fish | Avg. Length | | 446 | 582 | 458 | 583 |
| | Std. Error | | 7.6 | 2.1 | | 5.2 |
| | Sample Size | | 14 | 143 | 1 | 25 |
| Combined Periods (Unweighted) | | | | | | |
| Male | Avg. Length | 349 | 447 | 591 | 454 | 592 |
| | Std. Error | | 2.8 | 1.2 | <0.1 | 3.6 |
| | Sample Size | 1 | 75 | 302 | 2 | 27 |
| Female | Avg. Length | | 481 | 569 | 480 | 576 |
| | Std. Error | | 7.3 | 1.4 | 22.0 | 3.8 |
| | Sample Size | | 5 | 258 | 2 | 42 |
| All Fish | Avg. Length | 349 | 449 | 581 | 467 | 582 |
| | Std. Error | | 2.8 | 1.0 | 11.7 | 2.9 |
| | Sample Size | 1 | 80 | 560 | 4 | 69 |

1/ Lengths transformed to mid-eye to fork of tail from post orbital to hypural plate.

Appendix E.69 Daily sockeye salmon counts and associated statistics from Little Trapper Lake weir, 1987.

| Date | | Observed Daily Count | Adjusted 1/ Daily Count | Cumulative Adjusted Daily Count | Daily Proportion of Adjusted Total | Cumulative Proportion of Adjusted Total |
|---|---|---|---|---|---|---|
| July | 15 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 16 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 17 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 18 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 19 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 20 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 21 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 22 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 23 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 24 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 25 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 26 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 27 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 28 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 29 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 30 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| July | 31 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| Aug. | 1 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| Aug. | 2 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| Aug. | 3 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| Aug. | 4 | 0 | 0 | 0 | 0.0000 | 0.0000 |
| Aug. | 5 | 37 | 42 | 42 | 0.0035 | 0.0035 |
| Aug. | 6 | 49 | 55 | 97 | 0.0046 | 0.0081 |
| Aug. | 7 | 120 | 135 | 232 | 0.0112 | 0.0193 |
| Aug. | 8 | 37 | 42 | 274 | 0.0035 | 0.0228 |
| Aug. | 9 | 44 | 50 | 324 | 0.0042 | 0.0270 |
| Aug. | 10 | 131 | 148 | 472 | 0.0123 | 0.0393 |
| Aug. | 11 | 249 | 280 | 752 | 0.0233 | 0.0626 |
| Aug. | 12 | 98 | 110 | 862 | 0.0092 | 0.0718 |
| Aug. | 13 | 178 | 200 | 1062 | 0.0167 | 0.0884 |
| Aug. | 14 | 597 | 672 | 1734 | 0.0560 | 0.1444 |
| Aug. | 15 | 2049 | 2307 | 4041 | 0.1921 | 0.3366 |
| Aug. | 16 | 1591 | 1792 | 5833 | 0.1492 | 0.4858 |
| Aug. | 17 | 2144 | 2414 | 8247 | 0.2010 | 0.6868 |
| Aug. | 18 | 591 | 666 | 8913 | 0.0555 | 0.7423 |
| Aug. | 19 | 814 | 814 | 9727 | 0.0678 | 0.8101 |
| Aug. | 20 | 171 | 171 | 9898 | 0.0142 | 0.8244 |
| Aug. | 21 | 332 | 332 | 10230 | 0.0277 | 0.8520 |
| Aug. | 22 | 427 | 427 | 10657 | 0.0356 | 0.8876 |
| Aug. | 23 | 393 | 393 | 11050 | 0.0327 | 0.9203 |
| Aug. | 24 | 104 | 104 | 11154 | 0.0087 | 0.9290 |
| Aug. | 25 | 242 | 242 | 11396 | 0.0202 | 0.9491 |
| Aug. | 26 | 247 | 247 | 11643 | 0.0206 | 0.9697 |
| Aug. | 27 | 83 | 83 | 11726 | 0.0069 | 0.9766 |
| Aug. | 28 | 41 | 41 | 11767 | 0.0034 | 0.9800 |
| Aug. | 29 | 67 | 67 | 11834 | 0.0056 | 0.9856 |
| Aug. | 30 | 39 | 39 | 11873 | 0.0032 | 0.9888 |
| Aug. | 31 | 18 | 18 | 11891 | 0.0015 | 0.9903 |
| Sept. | 1 | 23 | 23 | 11914 | 0.0019 | 0.9923 |
| Sept. | 2 | 36 | 36 | 11950 | 0.0030 | 0.9953 |
| Sept. | 3 | 13 | 13 | 11963 | 0.0011 | 0.9963 |
| Sept. | 4 | 18 | 18 | 11981 | 0.0015 | 0.9978 |
| Sept. | 5 | 10 | 10 | 11991 | 0.0008 | 0.9987 |
| Sept. | 6 | 6 | 6 | 11997 | 0.0005 | 0.9992 |
| Sept. | 7 | 8 | 8 | 12005 | 0.0007 | 0.9998 |
| Sept. | 8 | 2 | 2 | 12007 | 0.0002 | 1.0000 |

Mean Day of Migration = Aug. 17 Variance = 18.0 Days squared

1/ Daily counts were adjusted to represent fish that passed through a hole in the weir. The hole was discovered on 18 August and was repaired. An estimated 998 sockeye salmon passed through the weir uncounted prior to this time (based on recovery of tagged fish on spawning grounds), and proportions of observed daily counts were used to adjust daily counts to represent these uncounted fish. The mean and variance are calculated from the adjusted daily counts.

Appendix E.70 Age composition of sockeye salmon in the Little Tatsamenie Lake escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | |
| | 0.2 | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 | Total |
| Escapement Dates: | (August 10 - Sept. 26) | | | | | | |
| Sample Dates: | (August 14 - Sept. 24) | | | | | | |
| Male | | | | | | | |
| Sample Number | 2 | 20 | 15 | 76 | 3 | 12 | 128 |
| Percent | 0.6 | 6.2 | 4.7 | 23.7 | 0.9 | 3.7 | 39.9 |
| Std. Error | 0.4 | 1.3 | 1.1 | 2.2 | 0.5 | 1.0 | 2.6 |
| Number | 17 | 174 | 131 | 662 | 26 | 104 | 1114 |
| Female | | | | | | | |
| Sample Number | 1 | 39 | 15 | 120 | 7 | 11 | 193 |
| Percent | 0.3 | 12.1 | 4.7 | 37.4 | 2.2 | 3.4 | 60.1 |
| Std. Error | 0.3 | 1.7 | 1.1 | 2.5 | 0.8 | 1.0 | 2.6 |
| Number | 9 | 339 | 131 | 1044 | 61 | 96 | 1680 |
| All Fish | | | | | | | |
| Sample Number | 3 | 59 | 30 | 196 | 10 | 23 | 321 |
| Percent | 0.9 | 18.4 | 9.3 | 61.1 | 3.1 | 7.2 | 100.0 |
| Std. Error | 0.5 | 2.0 | 1.5 | 2.6 | 0.9 | 1.4 | |
| Number | 26 | 513 | 262 | 1706 | 87 | 200 | 2794 |

Appendix E.71 Length composition of sockeye salmon in the Little Tatsamenie Lake escapement by sex, age class, and escapement period, 1987.1/

| | | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 |
| | | 0.2 | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 |
| Escapement Dates: | (August 10 - Sept. 26) | | | | | | |
| Sample Dates: | (August 14 - Sept. 24) | | | | | | |
| Male | Avg. Length | 528 | 590 | 465 | 602 | 512 | 605 |
| | Std. Error | 12.0 | 5.6 | 12.0 | 4.4 | 20.7 | 6.0 |
| | Sample Size | 2 | 20 | 15 | 76 | 3 | 12 |
| Female | Avg. Length | 541 | 575 | 505 | 571 | 509 | 572 |
| | Std. Error | | 3.3 | 5.5 | 2.6 | 4.7 | 5.2 |
| | Sample Size | 1 | 39 | 15 | 119 | 7 | 11 |
| All Fish | Avg. Length | 532 | 580 | 485 | 583 | 510 | 589 |
| | Std. Error | 8.2 | 3.0 | 7.5 | 2.6 | 6.2 | 5.2 |
| | Sample Size | 3 | 59 | 30 | 195 | 10 | 23 |

1/ Lengths transformed to mid-eye to fork of tail from post-orbital to hypural plate.

Appendix E.72 Daily sockeye slmon counts and associated statistics from Little Tatsamenie Lake weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| Aug. | 3 | 0 | 0 | 0.0000 | 0.0000 |
| Aug. | 4 | 0 | 0 | 0.0000 | 0.0000 |
| Aug. | 5 | 0 | 0 | 0.0000 | 0.0000 |
| Aug. | 6 | 0 | 0 | 0.0000 | 0.0000 |
| Aug. | 7 | 0 | 0 | 0.0000 | 0.0000 |
| Aug. | 8 | 0 | 0 | 0.0000 | 0.0000 |
| Aug. | 9 | 0 | 0 | 0.0000 | 0.0000 |
| Aug. | 10 | 1 | 1 | 0.0004 | 0.0004 |
| Aug. | 11 | 0 | 1 | 0.0000 | 0.0004 |
| Aug. | 12 | 1 | 2 | 0.0004 | 0.0007 |
| Aug. | 13 | 0 | 2 | 0.0000 | 0.0007 |
| Aug. | 14 | 0 | 2 | 0.0000 | 0.0007 |
| Aug. | 15 | 0 | 2 | 0.0000 | 0.0007 |
| Aug. | 16 | 3 | 5 | 0.0011 | 0.0018 |
| Aug. | 17 | 11 | 16 | 0.0039 | 0.0057 |
| Aug. | 18 | 96 | 112 | 0.0344 | 0.0401 |
| Aug. | 19 | 176 | 288 | 0.0630 | 0.1031 |
| Aug. | 20 | 172 | 460 | 0.0616 | 0.1646 |
| Aug. | 21 | 128 | 588 | 0.0458 | 0.2105 |
| Aug. | 22 | 320 | 908 | 0.1145 | 0.3250 |
| Aug. | 23 | 241 | 1149 | 0.0863 | 0.4112 |
| Aug. | 24 | 75 | 1224 | 0.0268 | 0.4381 |
| Aug. | 25 | 259 | 1483 | 0.0927 | 0.5308 |
| Aug. | 26 | 108 | 1591 | 0.0387 | 0.5694 |
| Aug. | 27 | 67 | 1658 | 0.0240 | 0.5934 |
| Aug. | 28 | 50 | 1708 | 0.0179 | 0.6113 |
| Aug. | 29 | 34 | 1742 | 0.0122 | 0.6235 |
| Aug. | 30 | 106 | 1848 | 0.0379 | 0.6614 |
| Aug. | 31 | 106 | 1954 | 0.0379 | 0.6994 |
| Sept. | 1 | 37 | 1991 | 0.0132 | 0.7126 |
| Sept. | 2 | 64 | 2055 | 0.0229 | 0.7355 |
| Sept. | 3 | 53 | 2108 | 0.0190 | 0.7545 |
| Sept. | 4 | 71 | 2179 | 0.0254 | 0.7799 |
| Sept. | 5 | 24 | 2203 | 0.0086 | 0.7885 |
| Sept. | 6 | 69 | 2272 | 0.0247 | 0.8132 |
| Sept. | 7 | 25 | 2297 | 0.0089 | 0.8221 |
| Sept. | 8 | 21 | 2318 | 0.0075 | 0.8296 |
| Sept. | 9 | 40 | 2358 | 0.0143 | 0.8440 |
| Sept. | 10 | 14 | 2372 | 0.0050 | 0.8490 |
| Sept. | 11 | 29 | 2401 | 0.0104 | 0.8593 |
| Sept. | 12 | 8 | 2409 | 0.0029 | 0.8622 |
| Sept. | 13 | 6 | 2415 | 0.0021 | 0.8644 |
| Sept. | 14 | 18 | 2433 | 0.0064 | 0.8708 |
| Sept. | 15 | 8 | 2441 | 0.0029 | 0.8737 |
| Sept. | 16 | 0 | 2441 | 0.0000 | 0.8737 |
| Sept. | 17 | 26 | 2467 | 0.0093 | 0.8830 |
| Sept. | 18 | 25 | 2492 | 0.0089 | 0.8919 |
| Sept. | 19 | 45 | 2537 | 0.0161 | 0.9080 |
| Sept. | 20 | 23 | 2560 | 0.0082 | 0.9162 |
| Sept. | 21 | 34 | 2594 | 0.0122 | 0.9284 |
| Sept. | 22 | 8 | 2602 | 0.0029 | 0.9313 |
| Sept. | 23 | 31 | 2633 | 0.0111 | 0.9424 |
| Sept. | 24 | 10 | 2643 | 0.0036 | 0.9460 |
| Sept. | 25 | 6 | 2649 | 0.0021 | 0.9481 |
| Sept. | 26 | 145 | 2794 | 0.0519 | 1.0000 |

Mean Day of Migration = Aug. 30 Variance = 121.3 Days squared

Appendix E.73 Age composition of sockeye salmon in the Hackett River (Taku River) escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1984 | | 1983 | | 1982 | | 1981 | |
| | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 | Total |
| Escapement Dates: | (August 15 - October 10) | | | | | | | |
| Sample Dates: | (August 19 - October 7) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 13 | 2 | 129 | 15 | 111 | 1 | 3 | 274 |
| Percent | 3.2 | 0.5 | 32.2 | 3.7 | 27.7 | 0.2 | 0.7 | 68.3 |
| Std. Error | 0.7 | 0.3 | 1.7 | 0.7 | 1.7 | 0.2 | 0.3 | 1.7 |
| Number | 30 | 5 | 292 | 34 | 252 | 2 | 7 | 622 |
| Female | | | | | | | | |
| Sample Number | | | 71 | | 56 | | | 127 |
| Percent | | | 17.7 | | 14.0 | | | 31.7 |
| Std. Error | | | 1.4 | | 1.3 | | | 1.7 |
| Number | | | 161 | | 127 | | | 288 |
| All Fish | | | | | | | | |
| Sample Number | 13 | 2 | 200 | 15 | 167 | 1 | 3 | 401 |
| Percent | 3.2 | 0.5 | 49.9 | 3.7 | 41.6 | 0.2 | 0.7 | 100.0 |
| Std. Error | 0.7 | 0.3 | 1.9 | 0.7 | 1.8 | 0.2 | 0.3 | |
| Number | 30 | 5 | 453 | 34 | 379 | 2 | 7 | 910 |

Appendix E.74 Length composition of sockeye salmon in the Hackett River (Taku River) escapement by sex, age class, and escapement period, 1987. 1/

| | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1984 | | 1983 | | 1982 | | 1981 |
| | | 0.2 | 1.1 | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 |
| Escapement Dates: | (August 15 - October 10) | | | | | | | |
| Sample Dates: | (August 19 - October 7) | | | | | | | |
| Male | Avg. Length | 437 | 313 | 595 | 434 | 595 | 404 | 606 |
| | Std. Error | 6.6 | 6.0 | 2.1 | 5.2 | 2.8 | | 9.1 |
| | Sample Size | 11 | 2 | 129 | 14 | 111 | 1 | 3 |
| Female | Avg. Length | | | 582 | | 583 | | |
| | Std. Error | | | 2.7 | | 3.6 | | |
| | Sample Size | | | 71 | | 56 | | |
| All Fish | Avg. Length | 437 | 313 | 590 | 434 | 591 | 404 | 606 |
| | Std. Error | 6.6 | 6.0 | 1.7 | 5.2 | 2.2 | | 9.1 |
| | Sample Size | 11 | 2 | 200 | 14 | 167 | 1 | 3 |

1/ Lengths transformed to mid-eye to fork of tail from post-orbital to hypural plate.

Appendix E.75 Daily sockeye salmon counts and associated statistics form Hackett River weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| Aug. | 15 | 1 | 1 | 0.0011 | 0.0011 |
| Aug. | 16 | 1 | 2 | 0.0011 | 0.0022 |
| Aug. | 17 | 0 | 2 | 0.0000 | 0.0022 |
| Aug. | 18 | 0 | 2 | 0.0000 | 0.0022 |
| Aug. | 19 | 2 | 4 | 0.0022 | 0.0044 |
| Aug. | 20 | 11 | 15 | 0.0121 | 0.0165 |
| Aug. | 21 | 8 | 23 | 0.0088 | 0.0253 |
| Aug. | 22 | 9 | 32 | 0.0099 | 0.0352 |
| Aug. | 23 | 10 | 42 | 0.0110 | 0.0462 |
| Aug. | 24 | 30 | 72 | 0.0330 | 0.0791 |
| Aug. | 25 | 49 | 121 | 0.0538 | 0.1330 |
| Aug. | 26 | 116 | 237 | 0.1275 | 0.2604 |
| Aug. | 27 | 48 | 285 | 0.0527 | 0.3132 |
| Aug. | 28 | 25 | 310 | 0.0275 | 0.3407 |
| Aug. | 29 | 79 | 389 | 0.0868 | 0.4275 |
| Aug. | 30 | 53 | 442 | 0.0582 | 0.4857 |
| Aug. | 31 | 21 | 463 | 0.0231 | 0.5088 |
| Sept. | 1 | 19 | 482 | 0.0209 | 0.5297 |
| Sept. | 2 | 0 | 482 | 0.0000 | 0.5297 |
| Sept. | 3 | 4 | 486 | 0.0044 | 0.5341 |
| Sept. | 4 | 5 | 491 | 0.0055 | 0.5396 |
| Sept. | 5 | 6 | 497 | 0.0066 | 0.5462 |
| Sept. | 6 | 3 | 500 | 0.0033 | 0.5495 |
| Sept. | 7 | 10 | 510 | 0.0110 | 0.5604 |
| Sept. | 8 | 19 | 529 | 0.0209 | 0.5813 |
| Sept. | 9 | 3 | 532 | 0.0033 | 0.5846 |
| Sept. | 10 | 6 | 538 | 0.0066 | 0.5912 |
| Sept. | 11 | 27 | 565 | 0.0297 | 0.6209 |
| Sept. | 12 | 15 | 580 | 0.0165 | 0.6374 |
| Sept. | 13 | 5 | 585 | 0.0055 | 0.6429 |
| Sept. | 14 | 16 | 601 | 0.0176 | 0.6604 |
| Sept. | 15 | 18 | 619 | 0.0198 | 0.6802 |
| Sept. | 16 | 13 | 632 | 0.0143 | 0.6945 |
| Sept. | 17 | 6 | 638 | 0.0066 | 0.7011 |
| Sept. | 18 | 25 | 663 | 0.0275 | 0.7286 |
| Sept. | 19 | 38 | 701 | 0.0418 | 0.7703 |
| Sept. | 20 | 52 | 753 | 0.0571 | 0.8275 |
| Sept. | 21 | 52 | 805 | 0.0571 | 0.8846 |
| Sept. | 22 | 16 | 821 | 0.0176 | 0.9022 |
| Sept. | 23 | 1 | 822 | 0.0011 | 0.9033 |
| Sept. | 24 | 9 | 831 | 0.0099 | 0.9132 |
| Sept. | 25 | 25 | 856 | 0.0275 | 0.9407 |
| Sept. | 26 | 15 | 871 | 0.0165 | 0.9571 |
| Sept. | 27 | 5 | 876 | 0.0055 | 0.9626 |
| Sept. | 28 | 15 | 891 | 0.0165 | 0.9791 |
| Sept. | 29 | 16 | 907 | 0.0176 | 0.9967 |
| Sept. | 30 | 0 | 907 | 0.0000 | 0.9967 |
| Oct. | 1 | 1 | 908 | 0.0011 | 0.9978 |
| Oct. | 2 | 0 | 908 | 0.0000 | 0.9978 |
| Oct. | 3 | 0 | 908 | 0.0000 | 0.9978 |
| Oct. | 4 | 1 | 909 | 0.0011 | 0.9989 |
| Oct. | 5 | 0 | 909 | 0.0000 | 0.9989 |
| Oct. | 6 | 0 | 909 | 0.0000 | 0.9989 |
| Oct. | 7 | 0 | 909 | 0.0000 | 0.9989 |
| Oct. | 8 | 0 | 909 | 0.0000 | 0.9989 |
| Oct. | 9 | 0 | 909 | 0.0000 | 0.9989 |
| Oct. | 10 | 1 | 910 | 0.0011 | 1.0000 |
| Oct. | 11 | 0 | 910 | 0.0000 | 1.0000 |
| Oct. | 12 | 0 | 910 | 0.0000 | 1.0000 |

Mean Day of Migration = Sept. 6 Variance = 146.7 Days squared

Appendix E.76 Age composition of sockeye salmon in the Speel Lake escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|
| | 1983 | | 1982 | | 1981 | |
| | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 | Total |
| Escapement Dates: | (July 19 - 25) | | | | | |
| Sample Dates: | (July 20 - 25) | | | | | |
| Male | | | | | | |
| Sample Number | | 18 | 20 | | | 38 |
| Percent | | 20.2 | 22.5 | | | 42.7 |
| Std. Error | | 3.7 | 3.8 | | | 4.5 |
| Number | | 68 | 76 | | | 144 |
| Female | | | | | | |
| Sample Number | | 1 | 49 | | 1 | 51 |
| Percent | | 1.1 | 55.1 | | 1.1 | 57.3 |
| Std. Error | | 1.0 | 4.6 | | 1.0 | 4.5 |
| Number | | 4 | 186 | | 4 | 194 |
| All Fish | | | | | | |
| Sample Number | | 19 | 69 | | 1 | 89 |
| Percent | | 21.3 | 77.5 | | 1.1 | 100.0 |
| Std. Error | | 3.7 | 3.8 | | 1.0 | |
| Number | | 72 | 262 | | 4 | 338 |
| Escapement Dates: | (July 26 - August 1) | | | | | |
| Sample Dates: | (July 26 - August 1) | | | | | |
| Male | | | | | | |
| Sample Number | 5 | 45 | 48 | | | 98 |
| Percent | 1.5 | 13.4 | 14.3 | | | 29.2 |
| Std. Error | 0.6 | 1.6 | 1.6 | | | 2.1 |
| Number | 18 | 166 | 176 | | | 360 |
| Female | | | | | | |
| Sample Number | 3 | 2 | 231 | | 2 | 238 |
| Percent | 0.9 | 0.6 | 68.8 | | 0.6 | 70.8 |
| Std. Error | 0.4 | 0.4 | 2.2 | | 0.4 | 2.1 |
| Number | 11 | 7 | 849 | | 7 | 874 |
| All Fish | | | | | | |
| Sample Number | 8 | 47 | 279 | | 2 | 336 |
| Percent | 2.4 | 14.0 | 83.0 | | 0.6 | 100.0 |
| Std. Error | 0.7 | 1.6 | 1.7 | | 0.4 | |
| Number | 29 | 173 | 1025 | | 7 | 1234 |
| Escapement Dates: | (August 2 - 8) | | | | | |
| Sample Dates: | (August 2 - 8) | | | | | |
| Male | | | | | | |
| Sample Number | 1 | 14 | 23 | 1 | 1 | 40 |
| Percent | 0.5 | 6.6 | 10.8 | 0.5 | 0.5 | 18.8 |
| Std. Error | 0.4 | 1.5 | 1.9 | 0.4 | 0.4 | 2.4 |
| Number | 5 | 73 | 120 | 5 | 5 | 208 |
| Female | | | | | | |
| Sample Number | | | 172 | | 1 | 173 |
| Percent | | | 80.8 | | 0.5 | 81.2 |
| Std. Error | | | 2.4 | | 0.4 | 2.4 |
| Number | | | 901 | | 5 | 906 |
| All Fish 1/ | | | | | | |
| Sample Number | 1 | 14 | 196 | 1 | 2 | 214 |
| Percent | 0.5 | 6.5 | 91.6 | 0.5 | 0.9 | 100.0 |
| Std. Error | 0.4 | 1.5 | 1.7 | 0.4 | 0.6 | . |
| Number | 5 | 73 | 1027 | 5 | 10 | 1121 |

-Continued-

Appendix E.76 Age composition of sockeye salmon in the Speel Lake escapement by sex, age class, and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|
| | 1983 | | 1982 | | 1981 | |
| | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 | Total |
| Escapement Dates: | (August 9 - 15) | | | | | |
| Sample Dates: | (August 9 - 15) | | | | | |
| Male | | | | | | |
| Sample Number | 3 | 3 | 53 | | | 59 |
| Percent | 0.9 | 0.9 | 15.3 | | | 17.1 |
| Std. Error | 0.5 | 0.5 | 1.8 | | | 1.9 |
| Number | 25 | 25 | 440 | | | 490 |
| Female | | | | | | |
| Sample Number | 1 | | 280 | | 6 | 287 |
| Percent | 0.3 | | 80.9 | | 1.7 | 82.9 |
| Std. Error | 0.3 | | 2.0 | | 0.7 | 1.9 |
| Number | 8 | | 2326 | | 50 | 2384 |
| All Fish | | | | | | |
| Sample Number | 4 | 3 | 333 | | 6 | 346 |
| Percent | 1.2 | 0.9 | 96.2 | | 1.7 | 100.0 |
| Std. Error | 0.5 | 0.5 | 1.0 | | 0.7 | |
| Number | 33 | 25 | 2766 | | 50 | 2874 |
| Escapement Dates: | (August 16 - 25) | | | | | |
| Sample Dates: | (August 16 - 24) | | | | | |
| Male | | | | | | |
| Sample Number | 2 | 2 | 45 | | 1 | 50 |
| Percent | 0.6 | 0.6 | 12.6 | | 0.3 | 14.0 |
| Std. Error | 0.4 | 0.4 | 1.7 | | 0.3 | 1.8 |
| Number | 21 | 21 | 479 | | 11 | 532 |
| Female | | | | | | |
| Sample Number | 2 | | 298 | | 6 | 306 |
| Percent | 0.6 | | 83.7 | | 1.7 | 86.0 |
| Std. Error | 0.4 | | 1.9 | | 0.7 | 1.8 |
| Number | 21 | | 3169 | | 64 | 3254 |
| All Fish | | | | | | |
| Sample Number | 4 | 2 | 343 | | 7 | 356 |
| Percent | 1.1 | 0.6 | 96.3 | | 2.0 | 100.0 |
| Std. Error | 0.5 | 0.4 | 0.9 | | 0.7 | |
| Number | 42 | 21 | 3648 | | 75 | 3786 |
| Combined Periods (Percentages are weighted by period escapements) | | | | | | |
| Male | | | | | | |
| Sample Number | 11 | 82 | 189 | 1 | 2 | 285 |
| Percent | 0.7 | 3.8 | 13.8 | 0.1 | 0.2 | 18.6 |
| Std. Error | 0.2 | 0.4 | 0.9 | 0.1 | 0.1 | 1.0 |
| Number | 69 | 353 | 1291 | 5 | 16 | 1734 |
| Female | | | | | | |
| Sample Number | 6 | 3 | 1030 | | 16 | 1055 |
| Percent | 0.4 | 0.1 | 79.5 | | 1.4 | 81.4 |
| Std. Error | 0.2 | 0.1 | 1.1 | | 0.3 | 1.0 |
| Number | 40 | 11 | 7431 | | 130 | 7612 |
| All Fish 1/ | | | | | | |
| Sample Number | 17 | 85 | 1220 | 1 | 18 | 1341 |
| Percent | 1.2 | 3.9 | 93.3 | 0.1 | 1.6 | 100.0 |
| Std. Error | 0.3 | 0.4 | 0.6 | 0.1 | 0.4 | |
| Number | 109 | 364 | 8728 | 5 | 146 | 9353 |

1/ Includes unsexed fish totals.

Appendix E.77 Length composition of sockeye salmon in the Speel Lake escapement by sex, age class, and escapement period, 1987.

| | | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 |
| | | 0.3 | 1.2 | 1.3 | 2.2 | 2.3 |
| Escapement Dates: (July 20 - 25) | | | | | | |
| Sample Dates: (July 20 - 25) | | | | | | |
| Male | Avg. Length | | 459 | 595 | | |
| | Std. Error | | 4.7 | 9.5 | | |
| | Sample Size | | 18 | 20 | | |
| Female | Avg. Length | | 450 | 591 | | 580 |
| | Std. Error | | | 2.8 | | |
| | Sample Size | | 1 | 49 | | 1 |
| All Fish | Avg. Length | | 459 | 592 | | 580 |
| | Std. Error | | 4.5 | 3.4 | | |
| | Sample Size | | 19 | 69 | | 1 |
| Escapement Dates: (July 26 - August 1) | | | | | | |
| Sample Dates: (July 26 - August 1) | | | | | | |
| Male | Avg. Length | 577 | 468 | 600 | | |
| | Std. Error | 35.6 | 3.6 | 4.9 | | |
| | Sample Size | 5 | 45 | 48 | | |
| Female | Avg. Length | 575 | 465 | 583 | | 558 |
| | Std. Error | 7.6 | 20.0 | 1.3 | | 37.5 |
| | Sample Size | 3 | 2 | 230 | | 2 |
| All Fish | Avg. Length | 576 | 468 | 586 | | 558 |
| | Std. Error | 21.4 | 3.5 | 1.4 | | 37.5 |
| | Sample Size | 8 | 47 | 278 | | 2 |
| Escapement Dates: (August 2 - 8) | | | | | | |
| Sample Dates: (August 2 - 8) | | | | | | |
| Male | Avg. Length | 630 | 478 | 613 | 460 | 610 |
| | Std. Error | | 4.4 | 4.9 | | |
| | Sample Size | 1 | 14 | 23 | 1 | 1 |
| Female | Avg. Length | | | 584 | | 585 |
| | Std. Error | | | 1.9 | | |
| | Sample Size | | | 171 | | 1 |
| All Fish 1/ | Avg. Length | 630 | 478 | 587 | 460 | 598 |
| | Std. Error | | 4.4 | 1.9 | | 12.5 |
| | Sample Size | 1 | 14 | 195 | 1 | 2 |
| Escapement Dates: (August 9 - 15) | | | | | | |
| Sample Dates: (August 9 - 15) | | | | | | |
| Male | Avg. Length | 605 | 472 | 606 | | |
| | Std. Error | 5.0 | 14.2 | 3.0 | | |
| | Sample Size | 3 | 3 | 53 | | |
| Female | Avg. Length | 575 | | 585 | | 589 |
| | Std. Error | | | 1.2 | | 5.5 |
| | Sample Size | 1 | | 279 | | 6 |
| All Fish 1/ | Avg. Length | 598 | 472 | 589 | | 589 |
| | Std. Error | 8.3 | 14.2 | 1.2 | | 5.5 |
| | Sample Size | 4 | 3 | 332 | | 6 |
| Escapement Dates: (August 16 - 25) | | | | | | |
| Sample Dates: (August 16 - 24) | | | | | | |
| Male | Avg. Length | 628 | 460 | 615 | | 635 |
| | Std. Error | 12.5 | 5.0 | 4.1 | | |
| | Sample Size | 2 | 2 | 45 | | 1 |
| Female | Avg. Length | 588 | | 593 | | 578 |
| | Std. Error | 17.5 | | 1.2 | | 8.0 |
| | Sample Size | 2 | | 298 | | 6 |
| All Fish 1/ | Avg. Length | 608 | 460 | 596 | | 586 |
| | Std. Error | 14.5 | 5.0 | 1.2 | | 10.7 |
| | Sample Size | 4 | 2 | 343 | | 7 |
| Combined Periods (Unweighted) | | | | | | |
| Male | Avg. Length | 599 | 468 | 606 | 460 | 623 |
| | Std. Error | 16.8 | 2.5 | 2.2 | | 12.5 |
| | Sample Size | 11 | 82 | 189 | 1 | 2 |
| Female | Avg. Length | 579 | 460 | 587 | | 580 |
| | Std. Error | 6.2 | 12.6 | 0.7 | | 5.5 |
| | Sample Size | 6 | 3 | 1027 | | 16 |
| All Fish 1/ | Avg. Length | 592 | 467 | 590 | 460 | 585 |
| | Std. Error | 11.1 | 2.4 | 0.7 | | 5.9 |
| | Sample Size | 17 | 85 | 1217 | 1 | 18 |

1/ Includes unsexed fish totals.

Appendix E.78 Daily sockeye salmon counts and associated statistics from Speel Lake weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| July | 15 | 0 | 0 | 0.0000 | 0.0000 |
| July | 16 | 0 | 0 | 0.0000 | 0.0000 |
| July | 17 | 0 | 0 | 0.0000 | 0.0000 |
| July | 18 | 0 | 0 | 0.0000 | 0.0000 |
| July | 19 | 0 | 0 | 0.0000 | 0.0000 |
| July | 20 | 6 | 6 | 0.0007 | 0.0007 |
| July | 21 | 10 | 16 | 0.0011 | 0.0017 |
| July | 22 | 12 | 28 | 0.0013 | 0.0030 |
| July | 23 | 6 | 34 | 0.0007 | 0.0037 |
| July | 24 | 36 | 70 | 0.0039 | 0.0076 |
| July | 25 | 268 | 338 | 0.0291 | 0.0367 |
| July | 26 | 26 | 364 | 0.0028 | 0.0396 |
| July | 27 | 23 | 387 | 0.0025 | 0.0421 |
| July | 28 | 613 | 1000 | 0.0666 | 0.1087 |
| July | 29 | 228 | 1228 | 0.0248 | 0.1334 |
| July | 30 | 32 | 1260 | 0.0035 | 0.1369 |
| July | 31 | 279 | 1539 | 0.0303 | 0.1672 |
| Aug. | 1 | 33 | 1572 | 0.0036 | 0.1708 |
| Aug. | 2 | 148 | 1720 | 0.0161 | 0.1869 |
| Aug. | 3 | 533 | 2253 | 0.0579 | 0.2448 |
| Aug. | 4 | 143 | 2396 | 0.0155 | 0.2603 |
| Aug. | 5 | 117 | 2513 | 0.0127 | 0.2731 |
| Aug. | 6 | 49 | 2562 | 0.0053 | 0.2784 |
| Aug. | 7 | 103 | 2665 | 0.0112 | 0.2896 |
| Aug. | 8 | 28 | 2693 | 0.0030 | 0.2926 |
| Aug. | 9 | 8 | 2701 | 0.0009 | 0.2935 |
| Aug. | 10 | 994 | 3695 | 0.1080 | 0.4015 |
| Aug. | 11 | 44 | 3739 | 0.0048 | 0.4063 |
| Aug. | 12 | 1252 | 4991 | 0.1360 | 0.5423 |
| Aug. | 13 | 10 | 5001 | 0.0011 | 0.5434 |
| Aug. | 14 | 39 | 5040 | 0.0042 | 0.5476 |
| Aug. | 15 | 527 | 5567 | 0.0573 | 0.6049 |
| Aug. | 16 | 2950 | 8517 | 0.3205 | 0.9255 |
| Aug. | 17 | 277 | 8794 | 0.0301 | 0.9556 |
| Aug. | 18 | 70 | 8864 | 0.0076 | 0.9632 |
| Aug. | 19 | 23 | 8887 | 0.0025 | 0.9657 |
| Aug. | 20 | 42 | 8929 | 0.0046 | 0.9702 |
| Aug. | 21 | 16 | 8945 | 0.0017 | 0.9720 |
| Aug. | 22 | 218 | 9163 | 0.0237 | 0.9957 |
| Aug. | 23 | 0 | 9163 | 0.0000 | 0.9957 |
| Aug. | 24 | 38 | 9201 | 0.0041 | 0.9998 |
| Aug. | 25 | 2 | 9203 | 0.0002 | 1.0000 |
| Aug. | 26 | 0 | 9203 | 0.0000 | 1.0000 |
| Aug. | 27 1/ | 0 | 9203 | 0.0000 | 1.0000 |

Mean Day of Migration = Aug. 10 Variance = 55.3 Days squared

1/ 150 sockeye were downstream of the weir when the weir was pulled, making the total escapement 9353 fish.

Appendix E.79 Age composition of sockeye salmon in the Crescent Lake escapement by sex, age class and escapement period, 1987.

| | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1983 | | 1982 | | 1981 | | 1980 | |
| | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 | Total |
| Escapement Dates: | (July 13 - 18) | | | | | | | |
| Sample Dates: | (July 15 - 18) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 1 | 1 | 47 | | 2 | 2 | | 53 |
| Percent | 1.0 | 1.0 | 47.5 | | 2.0 | 2.0 | | 53.5 |
| Std. Error | 0.5 | 0.5 | 2.6 | | 0.7 | 0.7 | | 2.6 |
| Number | 1 | 1 | 65 | | 3 | 3 | | 73 |
| Female | | | | | | | | |
| Sample Number | | | 45 | | | 1 | | 46 |
| Percent | | | 45.5 | | | 1.0 | | 46.5 |
| Std. Error | | | 2.6 | | | 0.5 | | 2.6 |
| Number | | | 62 | | | 1 | | 63 |
| All Fish | | | | | | | | |
| Sample Number | 1 | 1 | 92 | | 2 | 3 | | 99 |
| Percent | 1.0 | 1.0 | 92.9 | | 2.0 | 3.0 | | 100.0 |
| Std. Error | 0.5 | 0.5 | 1.4 | | 0.7 | 0.9 | | |
| Number | 1 | 1 | 127 | | 3 | 4 | | 136 |
| Escapement Dates: | (July 19 - 25) | | | | | | | |
| Sample Dates: | (July 19 - 25) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 8 | 6 | 442 | 8 | 7 | 44 | | 515 |
| Percent | 0.8 | 0.6 | 42.8 | 0.8 | 0.7 | 4.3 | | 49.9 |
| Std. Error | 0.1 | 0.1 | 0.7 | 0.1 | 0.1 | 0.3 | | 0.7 |
| Number | 10 | 7 | 552 | 10 | 9 | 55 | | 643 |
| Female | | | | | | | | |
| Sample Number | 15 | | 467 | | | 34 | 1 | 517 |
| Percent | 1.5 | | 45.3 | | | 3.3 | 0.1 | 50.1 |
| Std. Error | 0.2 | | 0.7 | | | 0.2 | 0.0 | 0.7 |
| Number | 19 | | 584 | | | 42 | 1 | 646 |
| All Fish | | | | | | | | |
| Sample Number | 23 | 6 | 909 | 8 | 7 | 78 | 1 | 1032 |
| Percent | 2.2 | 0.6 | 88.1 | 0.8 | 0.7 | 7.6 | 0.1 | 100.0 |
| Std. Error | 0.2 | 0.1 | 0.5 | 0.1 | 0.1 | 0.4 | 0.0 | |
| Number | 29 | 7 | 1136 | 10 | 9 | 97 | 1 | 1289 |
| Escapement Dates: | (July 26 - August 1) | | | | | | | |
| Sample Dates: | (July 26 - August 1) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 1 | 1 | 183 | | 3 | 11 | | 199 |
| Percent | 0.2 | 0.2 | 39.0 | | 0.6 | 2.3 | | 42.4 |
| Std. Error | 0.2 | 0.2 | 1.9 | | 0.3 | 0.6 | | 1.9 |
| Number | 3 | 3 | 577 | | 9 | 35 | | 627 |
| Female | | | | | | | | |
| Sample Number | 7 | | 245 | | 1 | 17 | | 270 |
| Percent | 1.5 | | 52.2 | | 0.2 | 3.6 | | 57.6 |
| Std. Error | 0.5 | | 1.9 | | 0.2 | 0.7 | | 1.9 |
| Number | 22 | | 773 | | 3 | 53 | | 851 |
| All Fish 1/ | | | | | | | | |
| Sample Number | 8 | 1 | 429 | | 4 | 28 | | 470 |
| Percent | 1.7 | 0.2 | 91.3 | | 0.9 | 6.0 | | 100.0 |
| Std. Error | 0.5 | 0.2 | 1.1 | | 0.4 | 0.9 | | |
| Number | 25 | 3 | 1354 | | 12 | 88 | | 1482 |
| Escapement Dates: | (August 2 - 8) | | | | | | | |
| Sample Dates: | (August 2 - 8) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | | 2 | 104 | 1 | 2 | 9 | | 118 |
| Percent | | 0.6 | 33.4 | 0.3 | 0.6 | 2.9 | | 37.9 |
| Std. Error | | 0.4 | 2.5 | 0.3 | 0.4 | 0.9 | | 2.5 |
| Number | | 13 | 681 | 7 | 13 | 59 | | 773 |
| Female | | | | | | | | |
| Sample Number | 2 | 1 | 179 | | | 11 | | 193 |
| Percent | 0.6 | 0.3 | 57.6 | | | 3.5 | | 62.1 |
| Std. Error | 0.4 | 0.3 | 2.6 | | | 1.0 | | 2.5 |
| Number | 13 | 7 | 1172 | | | 72 | | 1264 |
| All Fish | | | | | | | | |
| Sample Number | 2 | 3 | 283 | 1 | 2 | 20 | | 311 |
| Percent | 0.6 | 1.0 | 91.0 | 0.3 | 0.6 | 6.4 | | 100.0 |
| Std. Error | 0.4 | 0.5 | 1.5 | 0.3 | 0.4 | 1.3 | | |
| Number | 13 | 20 | 1853 | 7 | 13 | 131 | | 2037 |

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Appendix E.79 Age composition of sockeye salmon in the Crescent Lake escapement by sex, age class and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1983 | | 1982 | | 1981 | | 1980 | |
| | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 | Total |
| Escapement Dates: | (August 9 - 15) | | | | | | | |
| Sample Dates: | (August 9 - 15) | | | | | | | |
| **Male** | | | | | | | | |
| Sample Number | | | 73 | 1 | | 4 | | 78 |
| Percent | | | 26.5 | 0.4 | | 1.5 | | 28.4 |
| Std. Error | | | 2.5 | 0.3 | | 0.7 | | 2.5 |
| Number | | | 484 | 7 | | 27 | | 518 |
| **Female** | | | | | | | | |
| Sample Number | 4 | | 179 | | | 14 | | 197 |
| Percent | 1.5 | | 65.1 | | | 5.1 | | 71.6 |
| Std. Error | 0.7 | | 2.7 | | | 1.2 | | 2.5 |
| Number | 27 | | 1188 | | | 93 | | 1308 |
| **All Fish** | | | | | | | | |
| Sample Number | 4 | | 252 | 1 | | 18 | | 275 |
| Percent | 1.5 | | 91.6 | 0.4 | | 6.5 | | 100.0 |
| Std. Error | 0.7 | | 1.5 | 0.3 | | 1.4 | | |
| Number | 27 | | 1672 | 7 | | 120 | | 1826 |
| Escapement Dates: | (August 16 - 22) | | | | | | | |
| Sample Dates: | (August 16 - 22) | | | | | | | |
| **Male** | | | | | | | | |
| Sample Number | 1 | | 49 | | | 1 | | 51 |
| Percent | 0.6 | | 29.5 | | | 0.6 | | 30.7 |
| Std. Error | 0.5 | | 2.7 | | | 0.5 | | 2.7 |
| Number | 2 | | 113 | | | 2 | | 117 |
| **Female** | | | | | | | | |
| Sample Number | 1 | 1 | 106 | | | 7 | | 115 |
| Percent | 0.6 | 0.6 | 63.9 | | | 4.2 | | 69.3 |
| Std. Error | 0.5 | 0.5 | 2.8 | | | 1.2 | | 2.7 |
| Number | 2 | 2 | 245 | | | 16 | | 265 |
| **All Fish** | | | | | | | | |
| Sample Number | 2 | 1 | 155 | | | 8 | | 166 |
| Percent | 1.2 | 0.6 | 93.4 | | | 4.8 | | 100.0 |
| Std. Error | 0.6 | 0.5 | 1.5 | | | 1.3 | | |
| Number | 4 | 2 | 358 | | | 18 | | 382 |
| Escapement Dates: | (August 23 - 28) | | | | | | | |
| Sample Dates: | (August 23 - 28) | | | | | | | |
| **Male** | | | | | | | | |
| Sample Number | | | 66 | | | 3 | | 69 |
| Percent | | | 33.8 | | | 1.5 | | 35.4 |
| Std. Error | | | 2.9 | | | 0.7 | | 2.9 |
| Number | | | 232 | | | 11 | | 243 |
| **Female** | | | | | | | | |
| Sample Number | 3 | | 120 | | | 3 | | 126 |
| Percent | 1.5 | | 61.5 | | | 1.5 | | 64.6 |
| Std. Error | 0.7 | | 3.0 | | | 0.7 | | 2.9 |
| Number | 11 | | 422 | | | 11 | | 444 |
| **All Fish** | | | | | | | | |
| Sample Number | 3 | | 186 | | | 6 | | 195 |
| Percent | 1.5 | | 95.4 | | | 3.1 | | 100.0 |
| Std. Error | 0.7 | | 1.3 | | | 1.0 | | |
| Number | 11 | | 654 | | | 22 | | 687 |
| Combined Periods (Percentages are weighted by period escapements) | | | | | | | | |
| **Male** | | | | | | | | |
| Sample Number | 11 | 10 | 964 | 10 | 14 | 74 | | 1083 |
| Percent | 0.2 | 0.3 | 34.5 | 0.3 | 0.4 | 2.4 | | 38.2 |
| Std. Error | 0.1 | 0.1 | 1.0 | 0.1 | 0.1 | 0.3 | | 1.0 |
| Number | 16 | 24 | 2704 | 24 | 34 | 192 | | 2994 |
| **Female** | | | | | | | | |
| Sample Number | 32 | 2 | 1341 | | 1 | 87 | 1 | 1464 |
| Percent | 1.2 | 0.1 | 56.7 | | <0.1 | 3.7 | <0.1 | 61.8 |
| Std. Error | 0.2 | 0.1 | 1.0 | | <0.1 | 0.4 | <0.1 | 1.0 |
| Number | 94 | 9 | 4446 | | 3 | 288 | 1 | 4841 |
| **All Fish 1/** | | | | | | | | |
| Sample Number | 43 | 12 | 2306 | 10 | 15 | 161 | 1 | 2548 |
| Percent | 1.4 | 0.4 | 91.3 | 0.3 | 0.5 | 6.1 | <0.1 | 100.0 |
| Std. Error | 0.2 | 0.1 | 0.6 | 0.1 | 0.1 | 0.5 | <0.1 | |
| Number | 110 | 33 | 7154 | 24 | 37 | 480 | 1 | 7839 |

1/ Includes unsexed fish totals.

Appendix E.80 Length composition of sockeye salmon in the Crescent Lake escapement by sex, age class, and escapement period, 1987.

| | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | | 1980 |
| | | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 |
| Escapement Dates: (July 13 - 18) | | | | | | | | |
| Sample Dates: (July 15 - 18) | | | | | | | | |
| Male | Avg. Length | 590 | 445 | 593 | | 615 | 575 | |
| | Std. Error | | | 2.9 | | | 55.0 | |
| | Sample Size | 1 | 1 | 47 | | 2 | 2 | |
| Female | Avg. Length | | | 572 | | | 570 | |
| | Std. Error | | | 2.5 | | | | |
| | Sample Size | | | 45 | | | 1 | |
| All Fish | Avg. Length | 590 | 445 | 583 | | 615 | 573 | |
| | Std. Error | | | 2.2 | | | 31.8 | |
| | Sample Size | 1 | 1 | 92 | | 2 | 3 | |
| Escapement Dates: (July 19 - 25) | | | | | | | | |
| Sample Dates: (July 19 - 25) | | | | | | | | |
| Male | Avg. Length | 577 | 454 | 588 | 447 | 618 | 590 | |
| | Std. Error | 13.8 | 7.0 | 1.1 | 5.7 | 7.9 | 3.2 | |
| | Sample Size | 8 | 6 | 440 | 8 | 7 | 44 | |
| Female | Avg. Length | 570 | | 572 | | | 572 | 565 |
| | Std. Error | 4.9 | | 0.8 | | | 3.1 | |
| | Sample Size | 15 | | 466 | | | 34 | 1 |
| All Fish | Avg. Length | 572 | 454 | 580 | 447 | 618 | 582 | 565 |
| | Std. Error | 5.6 | 7.0 | 0.7 | 5.7 | 7.9 | 2.5 | |
| | Sample Size | 23 | 6 | 906 | 8 | 7 | 78 | 1 |
| Escapement Dates: (July 26 - August 1) | | | | | | | | |
| Sample Dates: (July 26 - August 1) | | | | | | | | |
| Male | Avg. Length | 590 | 440 | 600 | | 623 | 603 | |
| | Std. Error | | | 1.4 | | 3.3 | 6.7 | |
| | Sample Size | 1 | 1 | 183 | | 3 | 11 | |
| Female | Avg. Length | 586 | | 574 | | 600 | 574 | |
| | Std. Error | 3.7 | | 1.2 | | | 3.4 | |
| | Sample Size | 7 | | 245 | | 1 | 17 | |
| All Fish 1/ | Avg. Length | 586 | 440 | 585 | | 618 | 585 | |
| | Std. Error | 3 2 | | 1.1 | | 6.3 | 4.2 | |
| | Sample Size | 8 | 1 | 429 | | 4 | 28 | |
| Escapement Dates: (August 2 - 8) | | | | | | | | |
| Sample Dates: (August 2 - 8) | | | | | | | | |
| Male | Avg. Length | | 473 | 605 | 530 | 605 | 602 | |
| | Std. Error | | 22.5 | 2.1 | | 5.0 | 2.4 | |
| | Sample Size | | 2 | 104 | 1 | 2 | 9 | |
| Female | Avg. Length | 573 | 490 | 573 | | | 575 | |
| | Std. Error | 2.5 | | 1.4 | | | 4.2 | |
| | Sample Size | 2 | 1 | 179 | | | 11 | |
| All Fish | Avg. Length | 573 | 478 | 585 | 530 | 605 | 587 | |
| | Std. Error | 2.5 | 14.2 | 1.5 | | 5.0 | 3.9 | |
| | Sample Size | 2 | 3 | 283 | 1 | 2 | 20 | |

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Appendix E.80 Length composition of sockeye salmon in the Crescent Lake escapement by sex, age class, and escapement period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1983 | | 1982 | | 1981 | | 1980 |
| | | 0.3 | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 |
| Escapement Dates: (August 9 - 15) | | | | | | | | |
| Sample Dates: (August 9 - 15) | | | | | | | | |
| Male | Avg. Length | | | 596 | 460 | | 604 | |
| | Std. Error | | | 2.1 | | | 5.2 | |
| | Sample Size | | | 73 | 1 | | 4 | |
| Female | Avg. Length | 588 | | 574 | | | 575 | |
| | Std. Error | 6.6 | | 1.6 | | | 5.5 | |
| | Sample Size | 4 | | 179 | | | 14 | |
| All Fish | Avg. Length | 588 | | 580 | 460 | | 581 | |
| | Std. Error | 6.6 | | 1.4 | | | 5.3 | |
| | Sample Size | 4 | | 252 | 1 | | 18 | |
| Escapement Dates: (August 16 - 22) | | | | | | | | |
| Sample Dates: (August 16 - 22) | | | | | | | | |
| Male | Avg. Length | 600 | | 597 | | | 615 | |
| | Std. Error | | | 2.6 | | | | |
| | Sample Size | 1 | | 49 | | | 1 | |
| Female | Avg. Length | 590 | 475 | 569 | | | 567 | |
| | Std. Error | | | 2.2 | | | 6.3 | |
| | Sample Size | 1 | 1 | 106 | | | 7 | |
| All Fish | Avg. Length | 595 | 475 | 578 | | | 573 | |
| | Std. Error | 5.0 | | 2.0 | | | 8.1 | |
| | Sample Size | 2 | 1 | 155 | | | 8 | |
| Escapement Dates: (August 23 - 28) | | | | | | | | |
| Sample Dates: (August 23 - 28) | | | | | | | | |
| Male | Avg. Length | | | 598 | | | 612 | |
| | Std. Error | | | 2.7 | | | 18.8 | |
| | Sample Size | | | 66 | | | 3 | |
| Female | Avg. Length | 555 | | 569 | | | 565 | |
| | Std. Error | 15.0 | | 1.9 | | | 7.6 | |
| | Sample Size | 3 | | 119 | | | 3 | |
| All Fish | Avg. Length | 555 | | 579 | | | 588 | |
| | Std. Error | 15.0 | | 1.9 | | | 13.8 | |
| | Sample Size | 3 | | 185 | | | 6 | |
| Combined Periods (Unweighted) | | | | | | | | |
| Male | Avg. Length | 581 | 456 | 594 | 457 | 617 | 595 | |
| | Std. Error | 10.2 | 6.2 | 0.7 | 9.4 | 4.2 | 2.7 | |
| | Sample Size | 11 | 10 | 962 | 10 | 14 | 74 | |
| Female | Avg. Length | 575 | 483 | 573 | | 600 | 573 | 565 |
| | Std. Error | 3.3 | 7.5 | 0.5 | | | 1.8 | |
| | Sample Size | 32 | 2 | 1339 | | 1 | 87 | 1 |
| All Fish 1/ | Avg. Length | 577 | 460 | 582 | 457 | 616 | 583 | 565 |
| | Std. Error | 3.5 | 6.0 | 0.5 | 9.4 | 4.0 | 1.8 | |
| | Sample Size | 43 | 12 | 2302 | 10 | 15 | 161 | 1 |

1/ Includes unsexed fish totals.

Appendix E.81 Daily sockeye salmon counts and associated statistics from Crescent Lake weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| July | 12 | 0 | 0 | 0.0000 | 0.0000 |
| July | 13 | 1 | 1 | 0.0001 | 0.0001 |
| July | 14 | 0 | 1 | 0.0000 | 0.0001 |
| July | 15 | 21 | 22 | 0.0028 | 0.0029 |
| July | 16 | 2 | 24 | 0.0003 | 0.0032 |
| July | 17 | 5 | 29 | 0.0007 | 0.0039 |
| July | 18 | 107 | 136 | 0.0143 | 0.0182 |
| July | 19 | 69 | 205 | 0.0093 | 0.0275 |
| July | 20 | 144 | 349 | 0.0193 | 0.0468 |
| July | 21 | 212 | 561 | 0.0284 | 0.0752 |
| July | 22 | 167 | 728 | 0.0224 | 0.0976 |
| July | 23 | 160 | 888 | 0.0215 | 0.1191 |
| July | 24 | 280 | 1168 | 0.0375 | 0.1566 |
| July | 25 | 257 | 1425 | 0.0345 | 0.1910 |
| July | 26 | 155 | 1580 | 0.0208 | 0.2118 |
| July | 27 | 215 | 1795 | 0.0288 | 0.2406 |
| July | 28 | 255 | 2050 | 0.0342 | 0.2748 |
| July | 29 | 523 | 2573 | 0.0701 | 0.3450 |
| July | 30 | 219 | 2792 | 0.0294 | 0.3743 |
| July | 31 | 92 | 2884 | 0.0123 | 0.3866 |
| Aug. | 1 | 23 | 2907 | 0.0031 | 0.3897 |
| Aug. | 2 | 354 | 3261 | 0.0475 | 0.4372 |
| Aug. | 3 | 666 | 3927 | 0.0893 | 0.5265 |
| Aug. | 4 | 172 | 4099 | 0.0231 | 0.5495 |
| Aug. | 5 | 49 | 4148 | 0.0066 | 0.5561 |
| Aug. | 6 | 112 | 4260 | 0.0150 | 0.5711 |
| Aug. | 7 | 380 | 4640 | 0.0509 | 0.6221 |
| Aug. | 8 | 304 | 4944 | 0.0408 | 0.6628 |
| Aug. | 9 | 446 | 5390 | 0.0598 | 0.7226 |
| Aug. | 10 | 258 | 5648 | 0.0346 | 0.7572 |
| Aug. | 11 | 325 | 5973 | 0.0436 | 0.8008 |
| Aug. | 12 | 349 | 6322 | 0.0468 | 0.8476 |
| Aug. | 13 | 275 | 6597 | 0.0369 | 0.8844 |
| Aug. | 14 | 96 | 6693 | 0.0129 | 0.8973 |
| Aug. | 15 | 77 | 6770 | 0.0103 | 0.9076 |
| Aug. | 16 | 158 | 6928 | 0.0212 | 0.9288 |
| Aug. | 17 | 56 | 6984 | 0.0075 | 0.9363 |
| Aug. | 18 | 49 | 7033 | 0.0066 | 0.9429 |
| Aug. | 19 | 16 | 7049 | 0.0021 | 0.9450 |
| Aug. | 20 | 20 | 7069 | 0.0027 | 0.9477 |
| Aug. | 21 | 37 | 7106 | 0.0050 | 0.9527 |
| Aug. | 22 | 46 | 7152 | 0.0062 | 0.9588 |
| Aug. | 23 | 52 | 7204 | 0.0070 | 0.9658 |
| Aug. | 24 | 75 | 7279 | 0.0101 | 0.9759 |
| Aug. | 25 | 93 | 7372 | 0.0125 | 0.9883 |
| Aug. | 26 | 48 | 7420 | 0.0064 | 0.9948 |
| Aug. | 27 | 30 | 7450 | 0.0040 | 0.9988 |
| Aug. | 28 1/ | 9 | 7459 | 0.0012 | 1.0000 |

Mean Day of Migration = Aug. 4 Variance = 84.5 Days squared

1/ A total of 380 sockeye were visible below the weir when the weir was pulled, raising the total escapement to 7839.

Appendix E.82 Age composition of sockeye salmon in the Auke Lake escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|
| | 1983 | 1982 | 1982 | 1981 | 1980 | |
| | 2.1 | 1.3 | 2.2 | 2.3 | 3.3 | Total |
| Escapement Dates: | (June 1 - Sept. 9) | | | | | |
| Sample Dates: | (June 27 - July 30) | | | | | |
| Male | | | | | | |
| Sample Number | 7 | 6 | 4 | 59 | | 76 |
| Percent | 4.5 | 3.9 | 2.6 | 38.1 | | 49.0 |
| Std. Error | 1.6 | 1.5 | 1.2 | 3.8 | | 3.9 |
| Number | 109 | 94 | 63 | 922 | | 1188 |
| Female | | | | | | |
| Sample Number | | 4 | 6 | 68 | 1 | 79 |
| Percent | | 2.6 | 3.9 | 43.9 | 0.6 | 51.0 |
| Std. Error | | 1.2 | 1.5 | 3.9 | 0.6 | 3.9 |
| Number | | 63 | 94 | 1063 | 16 | 1235 |
| All Fish 1/ | | | | | | |
| Sample Number | 7 | 12 | 10 | 151 | 1 | 181 |
| Percent | 3.9 | 6.6 | 5.5 | 83.4 | 0.6 | 100.0 |
| Std. Error | 1.4 | 1.8 | 1.6 | 2.7 | 0.5 | |
| Number | 109 | 188 | 156 | 2360 | 16 | 2829 |

1/ Includes unsexed fish totals.

Appendix E.83 Length composition of sockeye salmon in the Auke Lake escapement by sex, age class, and escapement period, 1987.

| | | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|---|
| | | 1983 | 1982 | 1982 | 1981 | 1980 |
| | | 2.1 | 1.3 | 2.2 | 2.3 | 3.3 |
| Escapement Dates: | (June 1 - Sept. 9) | | | | | |
| Sample Dates: | (June 27 - July 30) | | | | | |
| Male | Avg. Length | 346 | 598 | 484 | 570 | |
| | Std. Error | 17.3 | 7.3 | 25.6 | 3.3 | |
| | Sample Size | 7 | 6 | 4 | 59 | |
| Female | Avg. Length | | 568 | 479 | 555 | 560 |
| | Std. Error | | 11.6 | 11.7 | 3.2 | |
| | Sample Size | | 4 | 6 | 68 | 1 |
| All Fish 1/ | Avg. Length | 346 | 580 | 481 | 561 | 560 |
| | Std. Error | 17.3 | 8.0 | 11.6 | 2.2 | |
| | Sample Size | 7 | 12 | 10 | 151 | 1 |

1/ Includes unsexed fish totals.

Appendix E.84 Daily sockeye salmon counts and associted statistics from Auke Lake weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| June | 1 | 0 | 0 | 0.0000 | 0.0000 |
| June | 2 | 0 | 0 | 0.0000 | 0.0000 |
| June | 3 | 0 | 0 | 0.0000 | 0.0000 |
| June | 4 | 0 | 0 | 0.0000 | 0.0000 |
| June | 5 | 0 | 0 | 0.0000 | 0.0000 |
| June | 6 | 0 | 0 | 0.0000 | 0.0000 |
| June | 7 | 0 | 0 | 0.0000 | 0.0000 |
| June | 8 | 0 | 0 | 0.0000 | 0.0000 |
| June | 9 | 0 | 0 | 0.0000 | 0.0000 |
| June | 10 | 0 | 0 | 0.0000 | 0.0000 |
| June | 11 | 0 | 0 | 0.0000 | 0.0000 |
| June | 12 | 0 | 0 | 0.0000 | 0.0000 |
| June | 13 | 0 | 0 | 0.0000 | 0.0000 |
| June | 14 | 0 | 0 | 0.0000 | 0.0000 |
| June | 15 | 0 | 0 | 0.0000 | 0.0000 |
| June | 16 | 0 | 0 | 0.0000 | 0.0000 |
| June | 17 | 0 | 0 | 0.0000 | 0.0000 |
| June | 18 | 0 | 0 | 0.0000 | 0.0000 |
| June | 19 | 0 | 0 | 0.0000 | 0.0000 |
| June | 20 | 0 | 0 | 0.0000 | 0.0000 |
| June | 21 | 0 | 0 | 0.0000 | 0.0000 |
| June | 22 | 0 | 0 | 0.0000 | 0.0000 |
| June | 23 | 2 | 2 | 0.0007 | 0.0007 |
| June | 24 | 24 | 26 | 0.0085 | 0.0092 |
| June | 25 | 0 | 26 | 0.0000 | 0.0092 |
| June | 26 | 3 | 29 | 0.0011 | 0.0103 |
| June | 27 | 13 | 42 | 0.0046 | 0.0148 |
| June | 28 | 5 | 47 | 0.0018 | 0.0166 |
| June | 29 | 0 | 47 | 0.0000 | 0.0166 |
| June | 30 | 0 | 47 | 0.0000 | 0.0166 |
| July | 1 | 0 | 47 | 0.0000 | 0.0166 |
| July | 2 | 0 | 47 | 0.0000 | 0.0166 |
| July | 3 | 0 | 47 | 0.0000 | 0.0166 |
| July | 4 | 0 | 47 | 0.0000 | 0.0166 |
| July | 5 | 0 | 47 | 0.0000 | 0.0166 |
| July | 6 | 0 | 47 | 0.0000 | 0.0166 |
| July | 7 | 0 | 47 | 0.0000 | 0.0166 |
| July | 8 | 0 | 47 | 0.0000 | 0.0166 |
| July | 9 | 0 | 47 | 0.0000 | 0.0166 |
| July | 10 | 0 | 47 | 0.0000 | 0.0166 |
| July | 11 | 0 | 47 | 0.0000 | 0.0166 |
| July | 12 | 0 | 47 | 0.0000 | 0.0166 |
| July | 13 | 0 | 47 | 0.0000 | 0.0166 |
| July | 14 | 147 | 194 | 0.0520 | 0.0686 |
| July | 15 | 264 | 458 | 0.0933 | 0.1619 |
| July | 16 | 247 | 705 | 0.0873 | 0.2492 |
| July | 17 | 228 | 933 | 0.0806 | 0.3298 |
| July | 18 | 86 | 1019 | 0.0304 | 0.3602 |
| July | 19 | 89 | 1108 | 0.0315 | 0.3917 |
| July | 20 | 0 | 1108 | 0.0000 | 0.3917 |

-Continued-

Appendix E.84 Daily sockeye salmon counts and associted statistics from Auke Lake weir, 1987 (continued).

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| July | 21 | 0 | 1108 | 0.0000 | 0.3917 |
| July | 22 | 0 | 1108 | 0.0000 | 0.3917 |
| July | 23 | 0 | 1108 | 0.0000 | 0.3917 |
| July | 24 | 3 | 1111 | 0.0011 | 0.3927 |
| July | 25 | 0 | 1111 | 0.0000 | 0.3927 |
| July | 26 | 0 | 1111 | 0.0000 | 0.3927 |
| July | 27 | 0 | 1111 | 0.0000 | 0.3927 |
| July | 28 | 0 | 1111 | 0.0000 | 0.3927 |
| July | 29 | 0 | 1111 | 0.0000 | 0.3927 |
| July | 30 | 412 | 1523 | 0.1456 | 0.5384 |
| July | 31 | 70 | 1593 | 0.0247 | 0.5631 |
| Aug. | 1 | 43 | 1636 | 0.0152 | 0.5783 |
| Aug. | 2 | 1 | 1637 | 0.0004 | 0.5786 |
| Aug. | 3 | 1 | 1638 | 0.0004 | 0.5790 |
| Aug. | 4 | 0 | 1638 | 0.0000 | 0.5790 |
| Aug. | 5 | 16 | 1654 | 0.0057 | 0.5847 |
| Aug. | 6 | 1 | 1655 | 0.0004 | 0.5850 |
| Aug. | 7 | 15 | 1670 | 0.0053 | 0.5903 |
| Aug. | 8 | 52 | 1722 | 0.0184 | 0.6087 |
| Aug. | 9 | 38 | 1760 | 0.0134 | 0.6221 |
| Aug. | 10 | 20 | 1780 | 0.0071 | 0.6292 |
| Aug. | 11 | 3 | 1783 | 0.0011 | 0.6303 |
| Aug. | 12 | 1 | 1784 | 0.0004 | 0.6306 |
| Aug. | 13 | 0 | 1784 | 0.0000 | 0.6306 |
| Aug. | 14 | 1 | 1785 | 0.0004 | 0.6310 |
| Aug. | 15 | 1 | 1786 | 0.0004 | 0.6313 |
| Aug. | 16 | 1 | 1787 | 0.0004 | 0.6317 |
| Aug. | 17 | 0 | 1787 | 0.0000 | 0.6317 |
| Aug. | 18 | 2 | 1789 | 0.0007 | 0.6324 |
| Aug. | 19 | 1 | 1790 | 0.0004 | 0.6327 |
| Aug. | 20 | 2 | 1792 | 0.0007 | 0.6334 |
| Aug. | 21 | 51 | 1843 | 0.0180 | 0.6515 |
| Aug. | 22 | 21 | 1864 | 0.0074 | 0.6589 |
| Aug. | 23 | 24 | 1888 | 0.0085 | 0.6674 |
| Aug. | 24 | 19 | 1907 | 0.0067 | 0.6741 |
| Aug. | 25 | 31 | 1938 | 0.0110 | 0.6850 |
| Aug. | 26 | 14 | 1952 | 0.0049 | 0.6900 |
| Aug. | 27 | 541 | 2493 | 0.1912 | 0.8812 |
| Aug. | 28 | 80 | 2573 | 0.0283 | 0.9095 |
| Aug. | 29 | 15 | 2588 | 0.0053 | 0.9148 |
| Aug. | 30 | 13 | 2601 | 0.0046 | 0.9194 |
| Aug. | 31 | 159 | 2760 | 0.0562 | 0.9756 |
| Sept. | 1 | 51 | 2811 | 0.0180 | 0.9936 |
| Sept. | 2 | 6 | 2817 | 0.0021 | 0.9958 |
| Sept. | 3 | 0 | 2817 | 0.0000 | 0.9958 |
| Sept. | 4 | 4 | 2821 | 0.0014 | 0.9972 |
| Sept. | 5 | 3 | 2824 | 0.0011 | 0.9982 |
| Sept. | 6 | 2 | 2826 | 0.0007 | 0.9989 |
| Sept. | 7 | 1 | 2827 | 0.0004 | 0.9993 |
| Sept. | 8 | 1 | 2828 | 0.0004 | 0.9996 |
| Sept. | 9 | 1 | 2829 | 0.0004 | 1.0000 |

Mean Day of Migration = Aug. 4 Variance = 372.5 Days squared

Appendix E.85 Age composition of sockeye salmon in the Steep Creek escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | | 1982 | | 1981 | 1980 | |
| | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.3 | Total |
| Sample Dates: | (August 10 - 18) | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 3 | 2 | 12 | 3 | 85 | 1 | 5 | | 111 |
| Percent | 1.1 | 0.8 | 4.6 | 1.1 | 32.3 | 0.4 | 1.9 | | 42.2 |
| Std. Error | 0.7 | 0.5 | 1.3 | 0.7 | 2.9 | 0.4 | 0.8 | | 3.0 |
| Female | | | | | | | | | |
| Sample Number | | 1 | 3 | | 137 | | 10 | 1 | 152 |
| Percent | | 0.4 | 1.1 | | 52.1 | | 3.8 | 0.4 | 57.8 |
| Std. Error | | 0.4 | 0.7 | | 3.1 | | 1.2 | 0.4 | 3.0 |
| All Fish | | | | | | | | | |
| Sample Number | 3 | 3 | 15 | 3 | 222 | 1 | 15 | 1 | 263 |
| Percent | 1.1 | 1.1 | 5.7 | 1.1 | 84.4 | 0.4 | 5.7 | 0.4 | 100.0 |
| Std. Error | 0.7 | 0.7 | 1.4 | 0.7 | 2.2 | 0.4 | 1.4 | 0.4 | |

Appendix E.86 Length composition of sockeye salmon in the Steep Creek escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | | 1982 | | 1981 | 1980 |
| | | 1.1 | 0.3 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.3 |
| Sample Dates: | (August 10 - 18) | | | | | | | | |
| Male | Avg. Length | 333 | 600 | 415 | 327 | 589 | 510 | 588 | |
| | Std. Error | 28.5 | 25.0 | 5.1 | 18.8 | 4.4 | | 12.8 | |
| | Sample Size | 3 | 2 | 11 | 3 | 85 | 1 | 5 | |
| Female | Avg. Length | | 595 | 473 | | 555 | | 541 | 570 |
| | Std. Error | | | 26.2 | | 2.2 | | 6.9 | |
| | Sample Size | | 1 | 3 | | 137 | | 10 | 1 |
| All Fish | Avg. Length | 333 | 598 | 428 | 327 | 568 | 510 | 557 | 570 |
| | Std. Error | 28.5 | 14.5 | 9.0 | 18.8 | 2.4 | | 8.4 | |
| | Sample Size | 3 | 3 | 14 | 3 | 222 | 1 | 15 | 1 |

Appendix E.87 Age composition of sockeye salmon in the Kook Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | |
|---|---|---|---|---|
| | 1982 | 1981 | | |
| | 1.3 | 1.4 | 2.3 | Total |
| Sample Dates: | (August 7 - 8) | | | |
| Male | | | | |
| Sample Number | 165 | 1 | 2 | 168 |
| Percent | 44.4 | 0.3 | 0.5 | 45.2 |
| Std. Error | 2.6 | 0.3 | 0.4 | 2.6 |
| Female | | | | |
| Sample Number | 204 | | | 204 |
| Percent | 54.8 | | | 54.8 |
| Std. Error | 2.6 | | | 2.6 |
| All Fish | | | | |
| Sample Number | 369 | 1 | 2 | 372 |
| Percent | 99.2 | 0.3 | 0.5 | 100.0 |
| Std. Error | 0.5 | 0.3 | 0.4 | |

Appendix E.88 Length composition of sockeye salmon in the Kook Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | |
|---|---|---|---|---|
| | | 1982 | 1981 | |
| | | 1.3 | 1.4 | 2.3 |
| Sample Dates: | (August 7 - 8) | | | |
| Male | Avg. Length | 585 | 605 | 570 |
| | Std. Error | 2.0 | | 5.0 |
| | Sample Size | 152 | 1 | 2 |
| Female | Avg. Length | 570 | | |
| | Std. Error | 1.6 | | |
| | Sample Size | 196 | | |
| All Fish | Avg. Length | 576 | 605 | 570 |
| | Std. Error | 1.3 | | 5.0 |
| | Sample Size | 348 | 1 | 2 |

Appendix E.89 Age composition of sockeye salmon in the Redoubt Lake escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | 1980 | | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 2.4 | 3.3 | Total |
| Escapement Dates: (June 27 - July 18) | | | | | | | | | |
| Sample Dates: (June 29 - July 18) | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | | 28 | 6 | 60 | 9 | 35 | 1 | | 139 |
| Percent | | 10.6 | 2.3 | 22.7 | 3.4 | 13.3 | 0.4 | | 52.7 |
| Std. Error | | 1.8 | 0.9 | 2.5 | 1.1 | 2.0 | 0.4 | | 2.9 |
| Number | | 285 | 61 | 611 | 92 | 357 | 10 | | 1416 |
| Female | | | | | | | | | |
| Sample Number | | 27 | 2 | 48 | 23 | 24 | | 1 | 125 |
| Percent | | 10.2 | 0.8 | 18.2 | 8.7 | 9.1 | | 0.4 | 47.3 |
| Std. Error | | 1.8 | 0.5 | 2.3 | 1.7 | 1.7 | | 0.4 | 2.9 |
| Number | | 275 | 21 | 489 | 234 | 245 | | 10 | 1274 |
| All Fish | | | | | | | | | |
| Sample Number | | 55 | 8 | 108 | 32 | 59 | 1 | 1 | 264 |
| Percent | | 20.8 | 3.0 | 40.9 | 12.1 | 22.3 | 0.4 | 0.4 | 100.0 |
| Std. Error | | 2.4 | 1.0 | 2.9 | 1.9 | 2.4 | 0.4 | 0.4 | |
| Number | | 560 | 82 | 1100 | 326 | 602 | 10 | 10 | 2690 |
| Escapement Dates: (July 19 - August 8) | | | | | | | | | |
| Sample Dates: (July 19 - August 8) | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 3 | 52 | 46 | 37 | 19 | 71 | 1 | | 229 |
| Percent | 0.7 | 12.0 | 10.6 | 8.5 | 4.4 | 16.4 | 0.2 | | 52.8 |
| Std. Error | 0.4 | 1.5 | 1.4 | 1.3 | 1.0 | 1.7 | 0.2 | | 2.3 |
| Number | 54 | 931 | 824 | 663 | 340 | 1272 | 18 | | 4102 |
| Female | | | | | | | | | |
| Sample Number | | 64 | 1 | 32 | 39 | 69 | | | 205 |
| Percent | | 14.7 | 0.2 | 7.4 | 9.0 | 15.9 | | | 47.2 |
| Std. Error | | 1.7 | 0.2 | 1.2 | 1.3 | 1.7 | | | 2.3 |
| Number | | 1146 | 18 | 573 | 699 | 1236 | | | 3672 |
| All Fish | | | | | | | | | |
| Sample Number | 3 | 116 | 47 | 69 | 58 | 140 | 1 | | 434 |
| Percent | 0.7 | 26.7 | 10.8 | 15.9 | 13.4 | 32.3 | 0.2 | | 100.0 |
| Std. Error | 0.4 | 2.1 | 1.5 | 1.7 | 1.6 | 2.2 | 0.2 | | |
| Number | 54 | 2077 | 842 | 1236 | 1039 | 2508 | 18 | | 7774 |
| Escapement Dates: (August 9 - 20) | | | | | | | | | |
| Sample Dates: (August 9 - 20) | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 4 | 33 | 130 | 14 | 16 | 40 | | | 237 |
| Percent | 1.1 | 9.1 | 36.0 | 3.9 | 4.4 | 11.1 | | | 65.7 |
| Std. Error | 0.5 | 1.4 | 2.4 | 1.0 | 1.0 | 1.6 | | | 2.3 |
| Number | 34 | 276 | 1094 | 118 | 135 | 337 | | | 1994 |
| Female | | | | | | | | | |
| Sample Number | 1 | 47 | | 14 | 25 | 37 | | | 124 |
| Percent | 0.3 | 13.0 | | 3.9 | 6.9 | 10.2 | | | 34.3 |
| Std. Error | 0.3 | 1.7 | | 1.0 | 1.3 | 1.5 | | | 2.3 |
| Number | 8 | 397 | | 118 | 210 | 311 | | | 1044 |
| All Fish | | | | | | | | | |
| Sample Number | 5 | 80 | 130 | 28 | 41 | 77 | | | 361 |
| Percent | 1.4 | 22.2 | 36.0 | 7.8 | 11.4 | 21.3 | | | 100.0 |
| Std. Error | 0.6 | 2.1 | 2.4 | 1.3 | 1.6 | 2.0 | | | |
| Number | 42 | 673 | 1094 | 236 | 345 | 648 | | | 3038 |
| Combined Periods (Percentages are weighted by period escapements) | | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 7 | 113 | 182 | 111 | 44 | 146 | 2 | | 605 |
| Percent | 0.6 | 11.1 | 14.7 | 10.3 | 4.2 | 14.6 | 0.2 | | 55.6 |
| Std. Error | 0.3 | 1.0 | 1.0 | 0.9 | 0.6 | 1.1 | 0.1 | | 1.6 |
| Number | 88 | 1492 | 1979 | 1392 | 567 | 1966 | 28 | | 7512 |
| Female | | | | | | | | | |
| Sample Number | 1 | 138 | 3 | 94 | 87 | 130 | | 1 | 454 |
| Percent | 0.1 | 13.5 | 0.3 | 8.7 | 8.5 | 13.3 | | 0.1 | 44.4 |
| Std. Error | 0.1 | 1.1 | 0.2 | 0.9 | 0.9 | 1.1 | | 0.1 | 1.6 |
| Number | 8 | 1818 | 39 | 1180 | 1143 | 1792 | | 10 | 5990 |
| All Fish | | | | | | | | | |
| Sample Number | 8 | 251 | 185 | 205 | 131 | 276 | 2 | 1 | 1059 |
| Percent | 0.7 | 24.5 | 14.9 | 19.0 | 12.7 | 27.8 | 0.2 | 0.1 | 100.0 |
| Std. Error | 0.3 | 1.4 | 1.0 | 1.2 | 1.1 | 1.4 | 0.1 | 0.1 | |
| Number | 96 | 3310 | 2018 | 2572 | 1710 | 3758 | 28 | 10 | 13502 |

Appendix E.90 Length composition of sockeye salmon in the Redoubt Lake escapement by sex, age class, and escapement period, 1987.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | 1980 | |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 2.4 | 3.3 |
| Escapement Dates: | (June 27 - July 18) | | | | | | | | |
| Sample Dates: | (June 29 - July 18) | | | | | | | | |
| Male | Avg. Length | | 512 | 395 | 588 | 530 | 577 | 544 | |
| | Std. Error | | 5.5 | 4.0 | 2.8 | 11.1 | 3.9 | | |
| | Sample Size | | 28 | 6 | 60 | 9 | 35 | 1 | |
| Female | Avg. Length | | 510 | 379 | 563 | 518 | 553 | | 589 |
| | Std. Error | | 4.7 | 19.0 | 2.8 | 5.1 | 3.5 | | |
| | Sample Size | | 27 | 2 | 48 | 23 | 24 | | 1 |
| All Fish | Avg. Length | | 511 | 391 | 577 | 521 | 567 | 544 | 589 |
| | Std. Error | | 3.6 | 5.3 | 2.3 | 4.8 | 3.1 | | |
| | Sample Size | | 55 | 8 | 108 | 32 | 59 | 1 | 1 |
| Escapement Dates: | (July 19 - August 8) | | | | | | | | |
| Sample Dates: | (July 19 - August 8) | | | | | | | | |
| Male | Avg. Length | 386 | 514 | 408 | 576 | 517 | 568 | 593 | |
| | Std. Error | 2.1 | 5.1 | 2.2 | 5.9 | 10.5 | 2.8 | | |
| | Sample Size | 3 | 52 | 46 | 37 | 19 | 71 | 1 | |
| Female | Avg. Length | | 500 | 405 | 561 | 508 | 551 | | |
| | Std. Error | | 2.9 | | 3.3 | 3.6 | 2.2 | | |
| | Sample Size | | 64 | 1 | 32 | 39 | 69 | | |
| All Fish | Avg. Length | 386 | 507 | 408 | 569 | 511 | 560 | 593 | |
| | Std. Error | 2.1 | 2.8 | 2.1 | 3.6 | 4.2 | 1.9 | | |
| | Sample Size | 3 | 116 | 47 | 69 | 58 | 140 | 1 | |
| Escapement Dates: | (August 9 - 20) | | | | | | | | |
| Sample Dates: | (August 9 - 20) | | | | | | | | |
| Male | Avg. Length | 394 | 504 | 410 | 588 | 509 | 563 | | |
| | Std. Error | 4.2 | 5.3 | 1.5 | 13.6 | 9.3 | 5.4 | | |
| | Sample Size | 4 | 33 | 130 | 14 | 16 | 39 | | |
| Female | Avg. Length | 484 | 485 | | 563 | 494 | 552 | | |
| | Std. Error | | 3.3 | | 4.5 | 5.8 | 3.6 | | |
| | Sample Size | 1 | 47 | | 14 | 25 | 37 | | |
| All Fish | Avg. Length | 412 | 493 | 410 | 565 | 500 | 557 | | |
| | Std. Error | 18.4 | 3.1 | 1.5 | 7.1 | 5.1 | 3.3 | | |
| | Sample Size | 5 | 80 | 130 | 28 | 41 | 76 | | |
| Combined Periods (Unweighted) | | | | | | | | | |
| Male | Avg. Length | 390 | 511 | 409 | 581 | 517 | 569 | 569 | |
| | Std. Error | 2.8 | 3.1 | 1.2 | 3.1 | 6.1 | 2.2 | 24.5 | |
| | Sample Size | 7 | 113 | 182 | 111 | 44 | 145 | 2 | |
| Female | Avg. Length | 484 | 497 | 388 | 562 | 507 | 551 | | 589 |
| | Std. Error | | 2.1 | 14.0 | 1.9 | 2.8 | 1.7 | | |
| | Sample Size | 1 | 138 | 3 | 94 | 87 | 130 | | 1 |
| All Fish | Avg. Length | 402 | 503 | 409 | 573 | 510 | 561 | 569 | 589 |
| | Std. Error | 12.0 | 1.9 | 1.2 | 2.0 | 2.8 | 1.5 | 24.5 | |
| | Sample Size | 8 | 251 | 185 | 205 | 131 | 275 | 2 | 1 |

Appendix E.91 Daily sockeye salmon counts and associated statistics from Redoubt Lake weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| June | 27 | 0 | 0 | 0.0000 | 0.0000 |
| June | 28 | 0 | 0 | 0.0000 | 0.0000 |
| June | 29 | 5 | 5 | 0.0004 | 0.0004 |
| June | 30 | 19 | 24 | 0.0014 | 0.0018 |
| July | 1 | 13 | 37 | 0.0010 | 0.0027 |
| July | 2 | 0 | 37 | 0.0000 | 0.0027 |
| July | 3 | 16 | 53 | 0.0012 | 0.0039 |
| July | 4 | 80 | 133 | 0.0059 | 0.0099 |
| July | 5 | 182 | 315 | 0.0135 | 0.0233 |
| July | 6 | 645 | 960 | 0.0478 | 0.0711 |
| July | 7 | 256 | 1216 | 0.0190 | 0.0901 |
| July | 8 | 63 | 1279 | 0.0047 | 0.0947 |
| July | 9 | 144 | 1423 | 0.0107 | 0.1054 |
| July | 10 | 211 | 1634 | 0.0156 | 0.1210 |
| July | 11 | 250 | 1884 | 0.0185 | 0.1395 |
| July | 12 | 359 | 2243 | 0.0266 | 0.1661 |
| July | 13 | 143 | 2386 | 0.0106 | 0.1767 |
| July | 14 | 26 | 2412 | 0.0019 | 0.1786 |
| July | 15 | 8 | 2420 | 0.0006 | 0.1792 |
| July | 16 | 176 | 2596 | 0.0130 | 0.1923 |
| July | 17 | 63 | 2659 | 0.0047 | 0.1969 |
| July | 18 | 31 | 2690 | 0.0023 | 0.1992 |
| July | 19 | 54 | 2744 | 0.0040 | 0.2032 |
| July | 20 | 507 | 3251 | 0.0375 | 0.2408 |
| July | 21 | 457 | 3708 | 0.0338 | 0.2746 |
| July | 22 | 291 | 3999 | 0.0216 | 0.2962 |
| July | 23 | 55 | 4054 | 0.0041 | 0.3003 |
| July | 24 | 130 | 4184 | 0.0096 | 0.3099 |
| July | 25 | 65 | 4249 | 0.0048 | 0.3147 |
| July | 26 | 467 | 4716 | 0.0346 | 0.3493 |
| July | 27 | 254 | 4970 | 0.0188 | 0.3681 |
| July | 28 | 159 | 5129 | 0.0118 | 0.3799 |
| July | 29 | 290 | 5419 | 0.0215 | 0.4013 |
| July | 30 | 40 | 5459 | 0.0030 | 0.4043 |
| July | 31 | 636 | 6095 | 0.0471 | 0.4514 |
| Aug. | 1 | 255 | 6350 | 0.0189 | 0.4703 |
| Aug. | 2 | 758 | 7108 | 0.0561 | 0.5264 |
| Aug. | 3 | 356 | 7464 | 0.0264 | 0.5528 |
| Aug. | 4 | 913 | 8377 | 0.0676 | 0.6204 |
| Aug. | 5 | 891 | 9268 | 0.0660 | 0.6864 |
| Aug. | 6 | 239 | 9507 | 0.0177 | 0.7041 |
| Aug. | 7 | 733 | 10240 | 0.0543 | 0.7584 |
| Aug. | 8 | 224 | 10464 | 0.0166 | 0.7750 |
| Aug. | 9 | 54 | 10518 | 0.0040 | 0.7790 |
| Aug. | 10 | 479 | 10997 | 0.0355 | 0.8145 |
| Aug. | 11 | 346 | 11343 | 0.0256 | 0.8401 |
| Aug. | 12 | 428 | 11771 | 0.0317 | 0.8718 |
| Aug. | 13 | 264 | 12035 | 0.0196 | 0.8913 |
| Aug. | 14 | 229 | 12264 | 0.0170 | 0.9083 |
| Aug. | 15 | 528 | 12792 | 0.0391 | 0.9474 |
| Aug. | 16 | 213 | 13005 | 0.0158 | 0.9632 |
| Aug. | 17 | 318 | 13323 | 0.0236 | 0.9867 |
| Aug. | 18 | 132 | 13455 | 0.0098 | 0.9965 |
| Aug. | 19 | 41 | 13496 | 0.0030 | 0.9996 |
| Aug. | 20 | 6 | 13502 | 0.0004 | 1.0000 |

Mean Day of Migration = July 30 Variance = 158.2 Days squared

Appendix E.92 Age composition of sockeye salmon in the Sitkoh Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | Total |
| Sample Dates: | (September 25 - 27) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 6 | 111 | 2 | 139 | 10 | 1 | 3 | 272 |
| Percent | 1.2 | 22.4 | 0.4 | 28.1 | 2.0 | 0.2 | 0.6 | 54.9 |
| Std. Error | 0.5 | 1.9 | 0.3 | 2.0 | 0.6 | 0.2 | 0.3 | 2.2 |
| Female | | | | | | | | |
| Sample Number | | 67 | | 148 | 6 | | 2 | 223 |
| Percent | | 13.5 | | 29.9 | 1.2 | | 0.4 | 45.1 |
| Std. Error | | 1.5 | | 2.0 | 0.5 | | 0.3 | 2.2 |
| All Fish | | | | | | | | |
| Sample Number | 6 | 178 | 2 | 287 | 16 | 1 | 5 | 495 |
| Percent | 1.2 | 36.0 | 0.4 | 58.0 | 3.2 | 0.2 | 1.0 | 100.0 |
| Std. Error | 0.5 | 2.1 | 0.3 | 2.2 | 0.8 | 0.2 | 0.4 | |

Appendix E.93 Length composition of sockeye salmon in the Sitkoh Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 |
| Sample Dates: | (Sept. 25 - 27) | | | | | | | |
| Male | Avg. Length | 357 | 487 | 373 | 559 | 482 | 550 | 548 |
| | Std. Error | 6.1 | 1.7 | 2.5 | 2.5 | 3.7 | | 13.6 |
| | Sample Size | 6 | 110 | 2 | 139 | 10 | 1 | 3 |
| Female | Avg. Length | | 472 | | 540 | 465 | | 558 |
| | Std. Error | | 2.2 | | 1.7 | 11.5 | | 2.5 |
| | Sample Size | | 67 | | 148 | 6 | | 2 |
| All Fish | Avg. Length | 357 | 482 | 373 | 549 | 475 | 550 | 552 |
| | Std. Error | 6.1 | 1.5 | 2.5 | 1.6 | 5.1 | | 7.8 |
| | Sample Size | 6 | 177 | 2 | 287 | 16 | 1 | 5 |

Appendix E.94 Age composition of sockeye salmon in the Ford Arm Lake escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | | 1980 | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 | Total |
| Sample Dates: | (Sept. 6 - October 1) | | | | | | | | |
| Male | | | | | | | | | |
| Sample Number | 73 | 166 | 34 | 39 | 24 | | 8 | 2 | 346 |
| Percent | 14.5 | 32.9 | 6.7 | 7.7 | 4.8 | | 1.6 | 0.4 | 68.7 |
| Std. Error | 1.5 | 2.1 | 1.1 | 1.2 | 0.9 | | 0.6 | 0.3 | 2.0 |
| Female | | | | | | | | | |
| Sample Number | | 52 | | 66 | 19 | 1 | 20 | | 158 |
| Percent | | 10.3 | | 13.1 | 3.8 | 0.2 | 4.0 | | 31.3 |
| Std. Error | | 1.3 | | 1.5 | 0.8 | 0.2 | 0.9 | | 2.0 |
| All Fish | | | | | | | | | |
| Sample Number | 73 | 218 | 34 | 105 | 43 | 1 | 28 | 2 | 504 |
| Percent | 14.5 | 43.3 | 6.7 | 20.8 | 8.5 | 0.2 | 5.6 | 0.4 | 100.0 |
| Std. Error | 1.5 | 2.2 | 1.1 | 1.8 | 1.2 | 0.2 | 1.0 | 0.3 | |

Appendix E.95 Length composition of sockeye salmon in the Ford Arm Lake escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | | 1980 |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 1.4 | 2.3 | 3.3 |
| Sample Dates: | (Sept. 6 - October 1) | | | | | | | | |
| Male | Avg. Length | 353 | 502 | 363 | 583 | 510 | | 587 | 586 |
| | Std. Error | 2.4 | 2.0 | 3.3 | 2.9 | 6.6 | | 6.9 | 29.0 |
| | Sample Size | 72 | 166 | 34 | 39 | 24 | | 8 | 2 |
| Female | Avg. Length | | 477 | | 545 | 485 | 504 | 546 | |
| | Std. Error | | 4.5 | | 2.8 | 5.4 | | 4.9 | |
| | Sample Size | | 52 | | 66 | 19 | 1 | 20 | |
| All Fish | Avg. Length | 353 | 496 | 363 | 559 | 499 | 504 | 558 | 586 |
| | Std. Error | 2.4 | 2.0 | 3.3 | 2.7 | 4.7 | | 5.3 | 29.0 |
| | Sample Size | 72 | 218 | 34 | 105 | 43 | 1 | 28 | 2 |

Appendix E.96 Age composition of sockeye salmon in the Lace River escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|
| | 1983 | | 1982 | 1981 | |
| | 0.3 | 1.2 | 1.3 | 2.3 | Total |
| Sample Date: | (August 15) | | | | |
| Male | | | | | |
| Sample Number | 30 | 3 | 57 | 1 | 91 |
| Percent | 22.6 | 2.3 | 42.9 | 0.8 | 68.4 |
| Std. Error | 3.6 | 1.3 | 4.3 | 0.7 | 4.0 |
| Female | | | | | |
| Sample Number | 13 | 3 | 26 | | 42 |
| Percent | 9.8 | 2.3 | 19.5 | | 31.6 |
| Std. Error | 2.6 | 1.3 | 3.4 | | 4.0 |
| All Fish | | | | | |
| Sample Number | 43 | 6 | 83 | 1 | 133 |
| Percent | 32.3 | 4.5 | 62.4 | 0.8 | 100.0 |
| Std. Error | 4.1 | 1.8 | 4.2 | 0.7 | |

Appendix E.97 Length composition of sockeye salmon in the Lace River escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | |
|---|---|---|---|---|---|
| | | 1983 | | 1982 | 1981 |
| | | 0.3 | 1.2 | 1.3 | 2.3 |
| Sample Date: | (August 15) | | | | |
| Male | Avg. Length | 594 | 473 | 598 | 640 |
| | Std. Error | 4.9 | 17.4 | 2.6 | |
| | Sample Size | 30 | 3 | 57 | 1 |
| Female | Avg. Length | 562 | 510 | 575 | |
| | Std. Error | 6.5 | 10.0 | 4.0 | |
| | Sample Size | 13 | 3 | 26 | |
| All Fish | Avg. Length | 584 | 492 | 591 | 640 |
| | Std. Error | 4.5 | 12.2 | 2.5 | |
| | Sample Size | 43 | 6 | 83 | 1 |

Appendix E.98 Age composition of sockeye salmon in the Chilkat Lake escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | | 1980 | | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| Escapement Dates: (June 18 - July 11) | | | | | | | | | | |
| Sample Dates: (July 4 - 8) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | 4 | 2 | 33 | 2 | 5 | | | | 46 |
| Percent | | 4.6 | 2.3 | 37.9 | 2.3 | 5.7 | | | | 52.9 |
| Std. Error | | 2.2 | 1.6 | 5.2 | 1.6 | 2.5 | | | | 5.3 |
| Number | | 187 | 93 | 1542 | 93 | 233 | | | | 2148 |
| Female | | | | | | | | | | |
| Sample Number | | 1 | | 34 | 3 | 3 | | | | 41 |
| Percent | | 1.1 | | 39.1 | 3.4 | 3.4 | | | | 47.1 |
| Std. Error | | 1.1 | | 5.2 | 1.9 | 1.9 | | | | 5.3 |
| Number | | 47 | | 1587 | 140 | 140 | | | | 1914 |
| All Fish | | | | | | | | | | |
| Sample Number | | 5 | 2 | 67 | 5 | 8 | | | | 87 |
| Percent | | 5.7 | 2.3 | 77.0 | 5.7 | 9.2 | | | | 100.0 |
| Std. Error | | 2.5 | 1.6 | 4.5 | 2.5 | 3.1 | | | | |
| Number | | 234 | 93 | 3129 | 233 | 373 | | | | 4062 |
| Escapement Dates: (July 12 - 18) | | | | | | | | | | |
| Sample Dates: (July 12 - 16) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 4 | 3 | 14 | 71 | 13 | 25 | | | | 130 |
| Percent | 1.9 | 1.4 | 6.6 | 33.5 | 6.1 | 11.8 | | | | 61.3 |
| Std. Error | 0.9 | 0.8 | 1.7 | 3.2 | 1.6 | 2.2 | | | | 3.3 |
| Number | 106 | 79 | 370 | 1877 | 343 | 660 | | | | 3435 |
| Female | | | | | | | | | | |
| Sample Number | | 1 | | 54 | 6 | 21 | | | | 82 |
| Percent | | 0.5 | | 25.5 | 2.8 | 9.9 | | | | 38.7 |
| Std. Error | | 0.5 | | 2.9 | 1.1 | 2.0 | | | | 3.3 |
| Number | | 26 | | 1426 | 159 | 555 | | | | 2166 |
| All Fish | | | | | | | | | | |
| Sample Number | 4 | 4 | 14 | 125 | 19 | 46 | | | | 212 |
| Percent | 1.9 | 1.9 | 6.6 | 59.0 | 9.0 | 21.7 | | | | 100.0 |
| Std. Error | 0.9 | 0.9 | 1.7 | 3.3 | 1.9 | 2.8 | | | | |
| Number | 106 | 105 | 370 | 3303 | 502 | 1215 | | | | 5601 |
| Escapement Dates: (July 19 - 25) | | | | | | | | | | |
| Sample Dates: (July 20 - 21) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 1 | 1 | 11 | 34 | 7 | 7 | | | | 61 |
| Percent | 0.9 | 0.9 | 9.9 | 30.6 | 6.3 | 6.3 | | | | 55.0 |
| Std. Error | 0.9 | 0.9 | 2.8 | 4.3 | 2.3 | 2.3 | | | | 4.6 |
| Number | 23 | 23 | 252 | 779 | 160 | 160 | | | | 1397 |
| Female | | | | | | | | | | |
| Sample Number | | | | 37 | 3 | 10 | | | | 50 |
| Percent | | | | 33.3 | 2.7 | 9.0 | | | | 45.0 |
| Std. Error | | | | 4.4 | 1.5 | 2.7 | | | | 4.6 |
| Number | | | | 847 | 69 | 229 | | | | 1145 |
| All Fish | | | | | | | | | | |
| Sample Number | 1 | 1 | 11 | 71 | 10 | 17 | | | | 111 |
| Percent | 0.9 | 0.9 | 9.9 | 64.0 | 9.0 | 15.3 | | | | 100.0 |
| Std. Error | 0.9 | 0.9 | 2.8 | 4.5 | 2.7 | 3.4 | | | | |
| Number | 23 | 23 | 252 | 1626 | 229 | 389 | | | | 2542 |
| Escapement Dates: (July 26 - August 22) | | | | | | | | | | |
| Sample Dates: (August 5 - 20) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 4 | 2 | 8 | 18 | 2 | 7 | | | | 41 |
| Percent | 6.7 | 3.3 | 13.3 | 30.0 | 3.3 | 11.7 | | | | 68.3 |
| Std. Error | 3.2 | 2.3 | 4.4 | 5.9 | 2.3 | 4.1 | | | | 6.0 |
| Number | 252 | 126 | 503 | 1133 | 126 | 440 | | | | 2580 |
| Female | | | | | | | | | | |
| Sample Number | | | | 6 | 6 | 7 | | | | 19 |
| Percent | | | | 10.0 | 10.0 | 11.7 | | | | 31.7 |
| Std. Error | | | | 3.9 | 3.9 | 4.1 | | | | 6.0 |
| Number | | | | 377 | 378 | 440 | | | | 1195 |
| All Fish | | | | | | | | | | |
| Sample Number | 4 | 2 | 8 | 24 | 8 | 14 | | | | 60 |
| Percent | 6.7 | 3.3 | 13.3 | 40.0 | 13.3 | 23.3 | | | | 100.0 |
| Std. Error | 3.2 | 2.3 | 4.4 | 6.3 | 4.4 | 5.5 | | | | |
| Number | 252 | 126 | 504 | 1510 | 503 | 880 | | | | 3775 |

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Appendix E.9B Age composition of sockeye salmon in the Chilkat Lake escapement by sex, age class, and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | | 1980 | | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| Escapement Dates: | (August 23 - 29) | | | | | | | | | |
| Sample Dates: | (August 23 - 27) | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 4 | 1 | 4 | 14 | 9 | 14 | | | | 46 |
| Percent | 5.3 | 1.3 | 5.3 | 18.7 | 12.0 | 18.7 | | | | 61.3 |
| Std. Error | 2.6 | 1.3 | 2.6 | 4.5 | 3.8 | 4.5 | | | | 5.6 |
| Number | 330 | 83 | 330 | 1156 | 743 | 1156 | | | | 3798 |
| Female | | | | | | | | | | |
| Sample Number | | 1 | | 2 | 18 | 8 | | | | 29 |
| Percent | | 1.3 | | 2.7 | 24.0 | 10.7 | | | | 38.7 |
| Std. Error | | 1.3 | | 1.9 | 4.9 | 3.6 | | | | 5.6 |
| Number | | 83 | | 165 | 1486 | 661 | | | | 2395 |
| All Fish | | | | | | | | | | |
| Sample Number | 4 | 2 | 4 | 16 | 27 | 22 | | | | 75 |
| Percent | 5.3 | 2.7 | 5.3 | 21.3 | 36.0 | 29.3 | | | | 100.0 |
| Std. Error | 2.6 | 1.9 | 2.6 | 4.7 | 5.5 | 5.3 | | | | |
| Number | 330 | 166 | 330 | 1321 | 2229 | 1817 | | | | 6193 |
| Escapement Dates: | (August 30 - Sept. 5) | | | | | | | | | |
| Sample Dates: | (August 30 - Sept. 4) | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | 2 | 1 | 16 | 55 | 64 | | | | 138 |
| Percent | | 0.9 | 0.4 | 7.0 | 23.9 | 27.8 | | | | 60.0 |
| Std. Error | | 0.6 | 0.4 | 1.6 | 2.6 | 2.7 | | | | 3.0 |
| Number | | 14 | 7 | 113 | 387 | 450 | | | | 971 |
| Female | | | | | | | | | | |
| Sample Number | | 1 | | 7 | 49 | 35 | | | | 92 |
| Percent | | 0.4 | | 3.0 | 21.3 | 15.2 | | | | 40.0 |
| Std. Error | | 0.4 | | 1.1 | 2.5 | 2.2 | | | | 3.0 |
| Number | | 7 | | 49 | 345 | 246 | | | | 647 |
| All Fish | | | | | | | | | | |
| Sample Number | | 3 | 1 | 23 | 104 | 99 | | | | 230 |
| Percent | | 1.3 | 0.4 | 10.0 | 45.2 | 43.0 | | | | 100.0 |
| Std. Error | | 0.7 | 0.4 | 1.8 | 3.0 | 3.0 | | | | |
| Number | | 21 | 7 | 162 | 732 | 696 | | | | 1618 |
| Escapement Dates: | (Sept. 6 - 19) | | | | | | | | | |
| Sample Dates: | (Sept. 16 - 19) | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | 4 | | 7 | 43 | 36 | | 1 | | 91 |
| Percent | | 2.8 | | 4.9 | 30.3 | 25.4 | | 0.7 | | 64.1 |
| Std. Error | | 1.0 | | 1.3 | 2.7 | 2.6 | | 0.5 | | 2.9 |
| Number | | 8 | | 14 | 87 | 73 | | 2 | | 184 |
| Female | | | | | | | | | | |
| Sample Number | | | | 13 | 21 | 17 | | | | 51 |
| Percent | | | | 9.2 | 14.8 | 12.0 | | | | 35.9 |
| Std. Error | | | | 1.7 | 2.1 | 1.9 | | | | 2.9 |
| Number | | | | 26 | 42 | 34 | | | | 102 |
| All Fish | | | | | | | | | | |
| Sample Number | | 4 | | 20 | 64 | 53 | | 1 | | 142 |
| Percent | | 2.8 | | 14.1 | 45.1 | 37.3 | | 0.7 | | 100.0 |
| Std. Error | | 1.0 | | 2.1 | 3.0 | 2.9 | | 0.5 | | |
| Number | | 8 | | 40 | 129 | 107 | | 2 | | 286 |
| Escapement Dates: | (Sept. 20 - 26) | | | | | | | | | |
| Sample Dates: | (Sept. 20 - 26) | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | 2 | | 3 | 57 | 64 | | | | 126 |
| Percent | | 0.8 | | 1.2 | 23.0 | 25.8 | | | | 50.8 |
| Std. Error | | 0.6 | | 0.7 | 2.7 | 2.8 | | | | 3.2 |
| Number | | 145 | | 218 | 4145 | 4654 | | | | 9162 |
| Female | | | | | | | | | | |
| Sample Number | | | | 5 | 75 | 38 | 4 | | | 122 |
| Percent | | | | 2.0 | 30.2 | 15.3 | 1.6 | | | 49.2 |
| Std. Error | | | | 0.9 | 2.9 | 2.3 | 0.8 | | | 3.2 |
| Number | | | | 364 | 5453 | 2763 | 291 | | | 8871 |
| All Fish | | | | | | | | | | |
| Sample Number | | 2 | | 8 | 132 | 102 | 4 | | | 248 |
| Percent | | 0.8 | | 3.2 | 53.2 | 41.1 | 1.6 | | | 100.0 |
| Std. Error | | 0.6 | | 1.1 | 3.2 | 3.1 | 0.8 | | | |
| Number | | 145 | | 582 | 9598 | 7417 | 291 | | | 18033 |

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Appendix E.98 Age composition of sockeye salmon in the Chilkat Lake escapement by sex, age class, and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | | 1981 | | 1980 | | |
| | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 2.4 | 3.3 | Total |
| Escapement Dates: (Sept. 27 - October 3) | | | | | | | | | | |
| Sample Dates: (Sept. 28 - 30) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | 1 | | | 47 | 53 | | | 2 | 103 |
| Percent | | 0.5 | | | 22.9 | 25.9 | | | 1.0 | 50.2 |
| Std. Error | | 0.5 | | | 2.9 | 3.0 | | | 0.7 | 3.4 |
| Number | | 30 | | | 1414 | 1594 | | | 60 | 3098 |
| Female | | | | | | | | | | |
| Sample Number | | 2 | | 1 | 62 | 35 | 2 | | | 102 |
| Percent | | 1.0 | | 0.5 | 30.2 | 17.1 | 1.0 | | | 49.8 |
| Std. Error | | 0.7 | | 0.5 | 3.2 | 2.6 | 0.7 | | | 3.4 |
| Number | | 60 | | 30 | 1864 | 1053 | 60 | | | 3067 |
| All Fish | | | | | | | | | | |
| Sample Number | | 3 | | 1 | 109 | 88 | 2 | | 2 | 205 |
| Percent | | 1.5 | | 0.5 | 53.2 | 42.9 | 1.0 | | 1.0 | 100.0 |
| Std. Error | | 0.8 | | 0.5 | 3.4 | 3.4 | 0.7 | | 0.7 | |
| Number | | 90 | | 30 | 3278 | 2647 | 60 | | 60 | 6165 |
| Escapement Dates: (October 4 - November 20) | | | | | | | | | | |
| Sample Dates: (October 17 - 20) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | | | | 2 | 12 | 39 | 1 | | | 54 |
| Percent | | | | 2.2 | 13.2 | 42.9 | 1.1 | | | 59.3 |
| Std. Error | | | | 1.3 | 3.0 | 4.4 | 0.9 | | | 4.4 |
| Number | | | | 7 | 42 | 137 | 3 | | | 189 |
| Female | | | | | | | | | | |
| Sample Number | | 1 | | 1 | 9 | 24 | 1 | | 1 | 37 |
| Percent | | 1.1 | | 1.1 | 9.9 | 26.4 | 1.1 | | 1.1 | 40.7 |
| Std. Error | | 0.9 | | 0.9 | 2.7 | 3.9 | 0.9 | | 0.9 | 4.4 |
| Number | | 3 | | 3 | 31 | 86 | 3 | | 3 | 129 |
| All Fish | | | | | | | | | | |
| Sample Number | | 1 | | 3 | 21 | 63 | 2 | | 1 | 91 |
| Percent | | 1.1 | | 3.3 | 23.1 | 69.2 | 2.2 | | 1.1 | 100.0 |
| Std. Error | | 0.9 | | 1.6 | 3.8 | 4.1 | 1.3 | | 0.9 | |
| Number | | 3 | | 10 | 73 | 223 | 6 | | 3 | 318 |
| Combined Periods (Percentages are weighted by period escapements) | | | | | | | | | | |
| Male | | | | | | | | | | |
| Sample Number | 13 | 20 | 40 | 198 | 247 | 314 | 1 | 1 | 2 | 836 |
| Percent | 1.5 | 1.4 | 3.2 | 14.1 | 15.5 | 19.7 | <0.1 | <0.1 | 0.1 | 55.5 |
| Std. Error | 0.4 | 0.4 | 0.5 | 1.0 | 1.2 | 1.3 | <0.1 | <0.1 | 0.1 | 1.6 |
| Number | 711 | 695 | 1555 | 6839 | 7540 | 9557 | 3 | 2 | 60 | 26961 |
| Female | | | | | | | | | | |
| Sample Number | | 7 | | 160 | 252 | 198 | 7 | | 1 | 625 |
| Percent | | 0.5 | | 10.0 | 20.5 | 12.8 | 0.7 | | <0.1 | 44.5 |
| Std. Error | | 0.2 | | 0.8 | 1.4 | 1.1 | 0.3 | | <0.1 | 1.6 |
| Number | | 226 | | 4874 | 9967 | 6207 | 354 | | 3 | 21632 |
| All Fish | | | | | | | | | | |
| Sample Number | 13 | 27 | 40 | 358 | 499 | 512 | 8 | 1 | 3 | 1461 |
| Percent | 1.5 | 1.9 | 3.2 | 24.1 | 36.0 | 32.4 | 0.7 | <0.1 | 0.1 | 100.0 |
| Std. Error | 0.4 | 0.4 | 0.5 | 1.1 | 1.5 | 1.5 | 0.3 | <0.1 | 0.1 | |
| Number | 711 | 921 | 1555 | 11713 | 17507 | 15764 | 357 | 2 | 63 | 48593 |

Appendix E.99 Length composition of sockeye salmon in the Chilkat Lake escapement by sex, age class, and escapement period, 1987.

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | | 1980 | |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 2.4 | 3.3 |
| Escapement Dates: (June 18 - July 11) | | | | | | | | | | |
| Sample Dates: (July 4 - 8) | | | | | | | | | | |
| Male | Avg. Length | | 495 | 350 | 592 | 530 | 553 | | | |
| | Std. Error | | 27.5 | | 6.2 | 40.0 | 14.1 | | | |
| | Sample Size | | 4 | 2 | 33 | 2 | 5 | | | |
| Female | Avg. Length | | 515 | | 584 | 508 | 597 | | | |
| | Std. Error | | | | 5.1 | 21.3 | 11.7 | | | |
| | Sample Size | | 1 | | 34 | 3 | 3 | | | |
| All Fish | Avg. Length | | 499 | 350 | 588 | 517 | 569 | | | |
| | Std. Error | | 21.6 | | 4.0 | 18.0 | 12.2 | | | |
| | Sample Size | | 5 | 2 | 67 | 5 | 8 | | | |
| Escapement Dates: (July 12 - 18) | | | | | | | | | | |
| Sample Dates: (July 12 - 16) | | | | | | | | | | |
| Male | Avg. Length | 340 | 440 | 342 | 600 | 513 | 563 | | | |
| | Std. Error | 6.1 | 16.1 | 2.5 | 3.6 | 15.1 | 8.2 | | | |
| | Sample Size | 4 | 3 | 14 | 71 | 13 | 25 | | | |
| Female | Avg. Length | | 460 | | 588 | 540 | 581 | | | |
| | Std. Error | | | | 3.7 | 3.4 | 4.3 | | | |
| | Sample Size | | 1 | | 54 | 6 | 21 | | | |
| All Fish | Avg. Length | 340 | 445 | 342 | 594 | 522 | 571 | | | |
| | Std. Error | 6.1 | 12.4 | 2.5 | 2.6 | 10.7 | 5.0 | | | |
| | Sample Size | 4 | 4 | 14 | 125 | 19 | 46 | | | |
| Escapement Dates: (July 19 - 25) | | | | | | | | | | |
| Sample Dates: (July 20 - 21) | | | | | | | | | | |
| Male | Avg. Length | 335 | 480 | 343 | 609 | 511 | 572 | | | |
| | Std. Error | | | 4.4 | 4.4 | 12.9 | 12.3 | | | |
| | Sample Size | 1 | 1 | 11 | 34 | 7 | 7 | | | |
| Female | Avg. Length | | | | 590 | 548 | 589 | | | |
| | Std. Error | | | | 2.6 | 11.7 | 9.4 | | | |
| | Sample Size | | | | 37 | 3 | 10 | | | |
| All Fish | Avg. Length | 335 | 480 | 343 | 599 | 523 | 582 | | | |
| | Std. Error | | | 4.4 | 2.7 | 10.9 | 7.5 | | | |
| | Sample Size | 1 | 1 | 11 | 71 | 10 | 17 | | | |
| Escapement Dates: (July 26 - August 22) | | | | | | | | | | |
| Sample Dates: (August 5 - 20) | | | | | | | | | | |
| Male | Avg. Length | 343 | 560 | 349 | 616 | 500 | 611 | | | |
| | Std. Error | 8.5 | 10.0 | 4.7 | 4.6 | 40.0 | 14.3 | | | |
| | Sample Size | 4 | 2 | 8 | 18 | 2 | 7 | | | |
| Female | Avg. Length | | | | 604 | 537 | 579 | | | |
| | Std. Error | | | | 6.9 | 11.2 | 11.7 | | | |
| | Sample Size | | | | 6 | 6 | 7 | | | |
| All Fish | Avg. Length | 343 | 560 | 349 | 613 | 528 | 595 | | | |
| | Std. Error | 8.5 | 10.0 | 4.7 | 3.9 | 12.7 | 10.0 | | | |
| | Sample Size | 4 | 2 | 8 | 24 | 8 | 14 | | | |
| Escapement Dates: (August 23 - 29) | | | | | | | | | | |
| Sample Dates: (August 23 - 27) | | | | | | | | | | |
| Male | Avg. Length | 333 | 550 | 360 | 615 | 524 | 621 | | | |
| | Std. Error | 8.5 | | 7.1 | 4.9 | 20.6 | 3.8 | | | |
| | Sample Size | 4 | 1 | 4 | 14 | 9 | 14 | | | |
| Female | Avg. Length | | 520 | | 603 | 542 | 582 | | | |
| | Std. Error | | | | 22.5 | 7.2 | 6.3 | | | |
| | Sample Size | | 1 | | 2 | 18 | 8 | | | |
| All Fish | Avg. Length | 333 | 535 | 360 | 614 | 536 | 607 | | | |
| | Std. Error | 8.5 | 15.0 | 7.1 | 4.9 | 8.3 | 5.2 | | | |
| | Sample Size | 4 | 2 | 4 | 16 | 27 | 22 | | | |
| Escapement Dates: (August 30 - Sept. 5) | | | | | | | | | | |
| Sample Dates: (August 30 - Sept. 4) | | | | | | | | | | |
| Male | Avg. Length | | 525 | 580 | 613 | 528 | 607 | | | |
| | Std. Error | | 30.0 | | 7.3 | 5.9 | 4.4 | | | |
| | Sample Size | | 2 | 1 | 16 | 55 | 64 | | | |
| Female | Avg. Length | | 490 | | 602 | 526 | 583 | | | |
| | Std. Error | | | | 8.2 | 5.2 | 4.6 | | | |
| | Sample Size | | 1 | | 7 | 49 | 35 | | | |
| All Fish | Avg. Length | | 513 | 580 | 610 | 527 | 598 | | | |
| | Std. Error | | 20.9 | | 5.7 | 4.0 | 3.5 | | | |
| | Sample Size | | 3 | 1 | 23 | 104 | 99 | | | |

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Appendix E.99 Length composition of sockeye salmon in the Chilkat Lake escapement by sex, age class, and escapement period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | | 1981 | | 1980 | |
| | | 1.1 | 1.2 | 2.1 | 1.3 | 2.2 | 2.3 | 3.2 | 2.4 | 3.3 |
| Escapement Dates: (Sept. 6 - 19) Sample Dates: (Sept. 16 - 19) | | | | | | | | | | |
| Male | Avg. Length | | 525 | | 608 | 542 | 604 | | 565 | |
| | Std. Error | | 19.0 | | 13.7 | 5.8 | 5.7 | | | |
| | Sample Size | | 4 | | 7 | 43 | 36 | | 1 | |
| Female | Avg. Length | | | | 600 | 541 | 600 | | | |
| | Std. Error | | | | 5.0 | 5.6 | 6.1 | | | |
| | Sample Size | | | | 13 | 21 | 17 | | | |
| All Fish | Avg. Length | | 525 | | 603 | 542 | 603 | | 565 | |
| | Std. Error | | 19.0 | | 5.6 | 4.3 | 4.3 | | | |
| | Sample Size | | 4 | | 20 | 64 | 53 | | 1 | |
| Escapement Dates: (Sept. 20 - 26) Sample Dates: (Sept. 20 - 26) | | | | | | | | | | |
| Male | Avg. Length | | 548 | | 610 | 547 | 612 | | | |
| | Std. Error | | 12.5 | | 7.6 | 3.7 | 4.5 | | | |
| | Sample Size | | 2 | | 3 | 57 | 64 | | | |
| Female | Avg. Length | | | | 602 | 530 | 591 | 521 | | |
| | Std. Error | | | | 7.2 | 2.7 | 3.5 | 6.6 | | |
| | Sample Size | | | | 5 | 75 | 38 | 4 | | |
| All Fish | Avg. Length | | 548 | | 605 | 537 | 604 | 521 | | |
| | Std. Error | | 12.5 | | 5.2 | 2.3 | 3.3 | 6.6 | | |
| | Sample Size | | 2 | | 8 | 132 | 102 | 4 | | |
| Escapement Dates: (Sept. 27 - October 3) Sample Dates: (Sept. 28 - 30) | | | | | | | | | | |
| Male | Avg. Length | | 435 | | | 552 | 618 | | | 585 |
| | Std. Error | | | | | 5.9 | 3.8 | | | 15.0 |
| | Sample Size | | 1 | | | 47 | 53 | | | 2 |
| Female | Avg. Length | | 548 | | 600 | 524 | 587 | 560 | | |
| | Std. Error | | 17.5 | | | 3.6 | 4.7 | | | |
| | Sample Size | | 2 | | 1 | 62 | 35 | 2 | | |
| All Fish | Avg. Length | | 510 | | 600 | 538 | 606 | 560 | | 585 |
| | Std. Error | | 38.8 | | | 3.5 | 3.4 | | | 15.0 |
| | Sample Size | | 3 | | 1 | 109 | 88 | 2 | | 2 |
| Escapement Dates: (October 4 - November 20) Sample Dates: (October 17 - 20) | | | | | | | | | | |
| Male | Avg. Length | | | | 618 | 541 | 619 | 470 | | |
| | Std. Error | | | | 17.5 | 6.1 | 3.9 | | | |
| | Sample Size | | | | 2 | 12 | 39 | 1 | | |
| Female | Avg. Length | | 520 | | 595 | 544 | 599 | 535 | | 680 |
| | Std. Error | | | | | 8.6 | 5.9 | | | |
| | Sample Size | | 1 | | 1 | 9 | 24 | 1 | | 1 |
| All Fish | Avg. Length | | 520 | | 610 | 543 | 611 | 503 | | 680 |
| | Std. Error | | | | 12.6 | 4.9 | 3.5 | 32.5 | | |
| | Sample Size | | 1 | | 3 | 21 | 63 | 2 | | 1 |
| Combined Periods (Unweighted) | | | | | | | | | | |
| Male | Avg. Length | 338 | 507 | 352 | 604 | 538 | 606 | 470 | 565 | 585 |
| | Std. Error | 3.9 | 11.5 | 6.2 | 2.1 | 2.6 | 2.1 | | | 15.0 |
| | Sample Size | 13 | 20 | 40 | 198 | 247 | 314 | 1 | 1 | 2 |
| Female | Avg. Length | | 514 | | 590 | 530 | 589 | 534 | | 680 |
| | Std. Error | | 12.4 | | 1.9 | 1.8 | 1.8 | 7.7 | | |
| | Sample Size | | 7 | | 160 | 252 | 198 | 7 | | 1 |
| All Fish | Avg. Length | 338 | 509 | 352 | 598 | 534 | 600 | 526 | 565 | 617 |
| | Std. Error | 3.9 | 9.0 | 6.2 | 1.5 | 1.6 | 1.5 | 10.5 | | 32.8 |
| | Sample Size | 13 | 27 | 40 | 358 | 499 | 512 | 8 | 1 | 3 |

Appendix E.100 Daily sockeye salmon counts and associated statistics from Chilkat Lake weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| June | 18 | 0 | 0 | 0.0000 | 0.0000 |
| June | 19 | 0 | 0 | 0.0000 | 0.0000 |
| June | 20 | 0 | 0 | 0.0000 | 0.0000 |
| June | 21 | 0 | 0 | 0.0000 | 0.0000 |
| June | 22 | 0 | 0 | 0.0000 | 0.0000 |
| June | 23 | 0 | 0 | 0.0000 | 0.0000 |
| June | 24 | 38 | 38 | 0.0008 | 0.0008 |
| June | 25 | 0 | 38 | 0.0000 | 0.0008 |
| June | 26 | 33 | 71 | 0.0007 | 0.0015 |
| June | 27 | 17 | 88 | 0.0003 | 0.0018 |
| June | 28 | 153 | 241 | 0.0031 | 0.0050 |
| June | 29 | 501 | 742 | 0.0103 | 0.0153 |
| June | 30 | 262 | 1004 | 0.0054 | 0.0207 |
| July | 1 | 261 | 1265 | 0.0054 | 0.0260 |
| July | 2 | 18 | 1283 | 0.0004 | 0.0264 |
| July | 3 | 568 | 1851 | 0.0117 | 0.0381 |
| July | 4 | 14 | 1865 | 0.0003 | 0.0384 |
| July | 5 | 67 | 1932 | 0.0014 | 0.0398 |
| July | 6 | 24 | 1956 | 0.0005 | 0.0403 |
| July | 7 | 662 | 2618 | 0.0136 | 0.0539 |
| July | 8 | 56 | 2674 | 0.0012 | 0.0550 |
| July | 9 | 1026 | 3700 | 0.0211 | 0.0761 |
| July | 10 | 240 | 3940 | 0.0049 | 0.0811 |
| July | 11 | 122 | 4062 | 0.0025 | 0.0836 |
| July | 12 | 193 | 4255 | 0.0040 | 0.0876 |
| July | 13 | 101 | 4356 | 0.0021 | 0.0896 |
| July | 14 | 177 | 4533 | 0.0036 | 0.0933 |
| July | 15 | 851 | 5384 | 0.0175 | 0.1108 |
| July | 16 | 48 | 5432 | 0.0010 | 0.1118 |
| July | 17 | 2223 | 7655 | 0.0457 | 0.1575 |
| July | 18 | 2008 | 9663 | 0.0413 | 0.1989 |
| July | 19 | 1279 | 10942 | 0.0263 | 0.2252 |
| July | 20 | 560 | 11502 | 0.0115 | 0.2367 |
| July | 21 | 703 | 12205 | 0.0145 | 0.2512 |
| July | 22 | 0 | 12205 | 0.0000 | 0.2512 |
| July | 23 | 0 | 12205 | 0.0000 | 0.2512 |
| July | 24 | 0 | 12205 | 0.0000 | 0.2512 |
| July | 25 | 0 | 12205 | 0.0000 | 0.2512 |
| July | 26 | 0 | 12205 | 0.0000 | 0.2512 |
| July | 27 | 0 | 12205 | 0.0000 | 0.2512 |
| July | 28 | 1 | 12206 | 0.0000 | 0.2512 |
| July | 29 | 0 | 12206 | 0.0000 | 0.2512 |
| July | 30 | 0 | 12206 | 0.0000 | 0.2512 |
| July | 31 | 0 | 12206 | 0.0000 | 0.2512 |
| Aug. | 1 | 0 | 12206 | 0.0000 | 0.2512 |
| Aug. | 2 | 0 | 12206 | 0.0000 | 0.2512 |
| Aug. | 3 | 0 | 12206 | 0.0000 | 0.2512 |
| Aug. | 4 | 0 | 12206 | 0.0000 | 0.2512 |
| Aug. | 5 | 8 | 12214 | 0.0002 | 0.2514 |
| Aug. | 6 | 13 | 12227 | 0.0003 | 0.2516 |
| Aug. | 7 | 2 | 12229 | 0.0000 | 0.2517 |
| Aug. | 8 | 100 | 12329 | 0.0021 | 0.2537 |
| Aug. | 9 | 568 | 12897 | 0.0117 | 0.2654 |
| Aug. | 10 | 839 | 13736 | 0.0173 | 0.2827 |
| Aug. | 11 | 7 | 13743 | 0.0001 | 0.2828 |
| Aug. | 12 | 247 | 13990 | 0.0051 | 0.2879 |
| Aug. | 13 | 113 | 14103 | 0.0023 | 0.2902 |
| Aug. | 14 | 2 | 14105 | 0.0000 | 0.2903 |
| Aug. | 15 | 0 | 14105 | 0.0000 | 0.2903 |
| Aug. | 16 | 20 | 14125 | 0.0004 | 0.2907 |
| Aug. | 17 | 58 | 14183 | 0.0012 | 0.2919 |
| Aug. | 18 | 78 | 14261 | 0.0016 | 0.2935 |
| Aug. | 19 | 277 | 14538 | 0.0057 | 0.2992 |
| Aug. | 20 | 947 | 15485 | 0.0195 | 0.3187 |
| Aug. | 21 | 440 | 15925 | 0.0091 | 0.3277 |
| Aug. | 22 | 55 | 15980 | 0.0011 | 0.3289 |
| Aug. | 23 | 423 | 16403 | 0.0087 | 0.3376 |
| Aug. | 24 | 2130 | 18533 | 0.0438 | 0.3814 |
| Aug. | 25 | 121 | 18654 | 0.0025 | 0.3839 |
| Aug. | 26 | 1021 | 19675 | 0.0210 | 0.4049 |
| Aug. | 27 | 337 | 20012 | 0.0069 | 0.4118 |
| Aug. | 28 | 753 | 20765 | 0.0155 | 0.4273 |
| Aug. | 29 | 1408 | 22173 | 0.0290 | 0.4563 |
| Aug. | 30 | 135 | 22308 | 0.0028 | 0.4591 |
| Aug. | 31 | 435 | 22743 | 0.0090 | 0.4680 |

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Appendix E.100 Daily sockeye salmon counts and associated statistics from Chilkat Lake weir, 1987 (continued).

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| Sept. | 1 | 23 | 22766 | 0.0005 | 0.4685 |
| Sept. | 2 | 610 | 23376 | 0.0126 | 0.4811 |
| Sept. | 3 | 413 | 23789 | 0.0085 | 0.4896 |
| Sept. | 4 | 2 | 23791 | 0.0000 | 0.4896 |
| Sept. | 5 | 0 | 23791 | 0.0000 | 0.4896 |
| Sept. | 6 | 26 | 23817 | 0.0005 | 0.4901 |
| Sept. | 7 | 0 | 23817 | 0.0000 | 0.4901 |
| Sept. | 8 | 0 | 23817 | 0.0000 | 0.4901 |
| Sept. | 9 | 0 | 23817 | 0.0000 | 0.4901 |
| Sept. | 10 | 0 | 23817 | 0.0000 | 0.4901 |
| Sept. | 11 | 0 | 23817 | 0.0000 | 0.4901 |
| Sept. | 12 | 1 | 23818 | 0.0000 | 0.4902 |
| Sept. | 13 | 0 | 23818 | 0.0000 | 0.4902 |
| Sept. | 14 | 0 | 23818 | 0.0000 | 0.4902 |
| Sept. | 15 | 0 | 23818 | 0.0000 | 0.4902 |
| Sept. | 16 | 0 | 23818 | 0.0000 | 0.4902 |
| Sept. | 17 | 0 | 23818 | 0.0000 | 0.4902 |
| Sept. | 18 | 156 | 23974 | 0.0032 | 0.4934 |
| Sept. | 19 | 103 | 24077 | 0.0021 | 0.4955 |
| Sept. | 20 | 755 | 24832 | 0.0155 | 0.5110 |
| Sept. | 21 | 1213 | 26045 | 0.0250 | 0.5360 |
| Sept. | 22 | 2862 | 28907 | 0.0589 | 0.5949 |
| Sept. | 23 | 6621 | 35528 | 0.1363 | 0.7311 |
| Sept. | 24 | 4052 | 39580 | 0.0834 | 0.8145 |
| Sept. | 25 | 2352 | 41932 | 0.0484 | 0.8629 |
| Sept. | 26 | 178 | 42110 | 0.0037 | 0.8666 |
| Sept. | 27 | 378 | 42488 | 0.0078 | 0.8744 |
| Sept. | 28 | 1502 | 43990 | 0.0309 | 0.9053 |
| Sept. | 29 | 106 | 44096 | 0.0022 | 0.9075 |
| Sept. | 30 | 4179 | 48275 | 0.0860 | 0.9935 |
| Oct. | 1 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 2 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 3 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 4 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 5 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 6 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 7 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 8 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 9 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 10 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 11 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 12 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 13 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 14 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 15 | 0 | 48275 | 0.0000 | 0.9935 |
| Oct. | 16 | 2 | 48277 | 0.0000 | 0.9935 |
| Oct. | 17 | 17 | 48294 | 0.0003 | 0.9938 |
| Oct. | 18 | 1 | 48295 | 0.0000 | 0.9939 |
| Oct. | 19 | 61 | 48356 | 0.0013 | 0.9951 |
| Oct. | 20 | 60 | 48416 | 0.0012 | 0.9964 |
| Oct. | 21 | 7 | 48423 | 0.0001 | 0.9965 |
| Oct. | 22 | 11 | 48434 | 0.0002 | 0.9967 |
| Oct. | 23 | 4 | 48438 | 0.0001 | 0.9968 |
| Oct. | 24 | 11 | 48449 | 0.0002 | 0.9970 |
| Oct. | 25 | 7 | 48456 | 0.0001 | 0.9972 |
| Oct. | 26 | 25 | 48481 | 0.0005 | 0.9977 |
| Oct. | 27 | 3 | 48484 | 0.0001 | 0.9978 |
| Oct. | 28 | 3 | 48487 | 0.0001 | 0.9978 |
| Oct. | 29 | 5 | 48492 | 0.0001 | 0.9979 |
| Oct. | 30 | 6 | 48498 | 0.0001 | 0.9980 |
| Oct. | 31 | 7 | 48505 | 0.0001 | 0.9982 |

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Appendix E.100 Daily sockeye salmon counts and associated statistics from Chilkat Lake weir, 1987 (continued).

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| Nov. | 1 | 5 | 48510 | 0.0001 | 0.9983 |
| Nov. | 2 | 6 | 48516 | 0.0001 | 0.9984 |
| Nov. | 3 | 5 | 48521 | 0.0001 | 0.9985 |
| Nov. | 4 | 0 | 48521 | 0.0000 | 0.9985 |
| Nov. | 5 | 1 | 48522 | 0.0000 | 0.9985 |
| Nov. | 6 | 8 | 48530 | 0.0002 | 0.9987 |
| Nov. | 7 | 7 | 48537 | 0.0001 | 0.9988 |
| Nov. | 8 | 1 | 48538 | 0.0000 | 0.9989 |
| Nov. | 9 | 5 | 48543 | 0.0001 | 0.9990 |
| Nov. | 10 | 9 | 48552 | 0.0002 | 0.9992 |
| Nov. | 11 | 4 | 48556 | 0.0001 | 0.9992 |
| Nov. | 12 | 22 | 48578 | 0.0005 | 0.9997 |
| Nov. | 13 | 4 | 48582 | 0.0001 | 0.9998 |
| Nov. | 14 | 2 | 48584 | 0.0000 | 0.9998 |
| Nov. | 15 | 3 | 48587 | 0.0001 | 0.9999 |
| Nov. | 16 | 0 | 48587 | 0.0000 | 0.9999 |
| Nov. | 17 | 2 | 48589 | 0.0000 | 0.9999 |
| Nov. | 18 | 2 | 48591 | 0.0000 | 1.0000 |
| Nov. | 19 | 0 | 48591 | 0.0000 | 1.0000 |
| Nov. | 20 | 2 | 48593 | 0.0000 | 1.0000 |

Mean Day of Migration = Aug. 30 Variance = 960.9 Days squared

Appendix E.101 Age composition of sockeye salmon in the Chilkat River Mainstem escapement by sex and age class, 1987.

| | Brood Year and Age Class | | | | | |
|---|---|---|---|---|---|---|
| | 1984 | 1983 | | 1982 | 1981 | |
| | 0.2 | 0.3 | 1.2 | 1.3 | 2.3 | Total |
| Sample Date: | (October 14) | | | | | |
| Male | | | | | | |
| Sample Number | 5 | 2 | 2 | 16 | 1 | 26 |
| Percent | 9.8 | 3.9 | 3.9 | 31.4 | 2.0 | 51.0 |
| Std. Error | 4.2 | 2.7 | 2.7 | 6.6 | 2.0 | 7.1 |
| Female | | | | | | |
| Sample Number | | 3 | | 22 | | 25 |
| Percent | | 5.9 | | 43.1 | | 49.0 |
| Std. Error | | 3.3 | | 7.0 | | 7.1 |
| All Fish | | | | | | |
| Sample Number | 5 | 5 | 2 | 38 | 1 | 51 |
| Percent | 9.8 | 9.8 | 3.9 | 74.5 | 2.0 | 100.0 |
| Std. Error | 4.2 | 4.2 | 2.7 | 6.2 | 2.0 | |

Appendix E.102 Length composition of sockeye salmon in the Chilkat River Mainstem escapement by sex and age class, 1987.

| | | Brood Year and Age Class | | | | |
|---|---|---|---|---|---|---|
| | | 1984 | 1983 | | 1982 | 1981 |
| | | 0.2 | 0.3 | 1.2 | 1.3 | 2.3 |
| Sample Date: | (October 14) | | | | | |
| Male | Avg. Length | 441 | 613 | 438 | 592 | 585 |
| | Std. Error | 13.3 | 12.5 | 7.5 | 4.4 | |
| | Sample Size | 5 | 2 | 2 | 16 | 1 |
| Female | Avg. Length | | 563 | | 572 | |
| | Std. Error | | 13.6 | | 4.1 | |
| | Sample Size | | 3 | | 22 | |
| All Fish | Avg. Length | 441 | 583 | 438 | 580 | 585 |
| | Std. Error | 13.3 | 14.7 | 7.5 | 3.4 | |
| | Sample Size | 5 | 5 | 2 | 38 | 1 |

Appendix E.103 Age composition of sockeye salmon in the Chilkoot Lake escapement by sex, age class, and escapement period, 1987.

| | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1983 | 1982 | | 1981 | | 1980 | | |
| | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | 3.3 | Total |
| Escapement Dates: | (June 4 - 27) | | | | | | | |
| Sample Dates: | (June 11 - 27) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 17 | 241 | 6 | | 13 | | | 277 |
| Percent | 3.6 | 51.3 | 1.3 | | 2.8 | | | 58.9 |
| Std. Error | 0.9 | 2.3 | 0.5 | | 0.7 | | | 2.2 |
| Number | 614 | 8700 | 217 | | 469 | | | 10000 |
| Female | | | | | | | | |
| Sample Number | 4 | 176 | 3 | 1 | 9 | | | 193 |
| Percent | 0.9 | 37.4 | 0.6 | 0.2 | 1.9 | | | 41.1 |
| Std. Error | 0.4 | 2.2 | 0.4 | 0.2 | 0.6 | | | 2.2 |
| Number | 144 | 6355 | 108 | 36 | 325 | | | 6968 |
| All Fish | | | | | | | | |
| Sample Number | 21 | 417 | 9 | 1 | 22 | | | 470 |
| Percent | 4.5 | 88.7 | 1.9 | 0.2 | 4.7 | | | 100.0 |
| Std. Error | 0.9 | 1.4 | 0.6 | 0.2 | 1.0 | | | |
| Number | 758 | 15055 | 325 | 36 | 794 | | | 16968 |
| Escapement Dates: | (June 28 - July 11) | | | | | | | |
| Sample Dates: | (June 28 - July 11) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 15 | 114 | 3 | | 9 | | | 141 |
| Percent | 5.0 | 38.3 | 1.0 | | 3.0 | | | 47.3 |
| Std. Error | 1.3 | 2.8 | 0.6 | | 1.0 | | | 2.9 |
| Number | 516 | 3919 | 103 | | 309 | | | 4847 |
| Female | | | | | | | | |
| Sample Number | 5 | 144 | | | 8 | | | 157 |
| Percent | 1.7 | 48.3 | | | 2.7 | | | 52.7 |
| Std. Error | 0.7 | 2.9 | | | 0.9 | | | 2.9 |
| Number | 172 | 4950 | | | 275 | | | 5397 |
| All Fish | | | | | | | | |
| Sample Number | 20 | 258 | 3 | | 17 | | | 298 |
| Percent | 6.7 | 86.6 | 1.0 | | 5.7 | | | 100.0 |
| Std. Error | 1.4 | 1.9 | 0.6 | | 1.3 | | | |
| Number | 688 | 8869 | 103 | | 584 | | | 10244 |
| Escapement Dates: | (July 12 - 25) | | | | | | | |
| Sample Dates: | (July 12 - 25) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 37 | 149 | 6 | | 17 | | | 209 |
| Percent | 9.9 | 39.8 | 1.6 | | 4.5 | | | 55.9 |
| Std. Error | 1.5 | 2.5 | 0.6 | | 1.1 | | | 2.5 |
| Number | 1497 | 6029 | 243 | | 688 | | | 8457 |
| Female | | | | | | | | |
| Sample Number | 10 | 133 | 2 | | 20 | | | 165 |
| Percent | 2.7 | 35.6 | 0.5 | | 5.3 | | | 44.1 |
| Std. Error | 0.8 | 2.4 | 0.4 | | 1.2 | | | 2.5 |
| Number | 405 | 5382 | 81 | | 809 | | | 6677 |
| All Fish | | | | | | | | |
| Sample Number | 47 | 282 | 8 | | 37 | | | 374 |
| Percent | 12.6 | 75.4 | 2.1 | | 9.9 | | | 100.0 |
| Std. Error | 1.7 | 2.2 | 0.7 | | 1.5 | | | |
| Number | 1902 | 11411 | 324 | | 1497 | | | 15134 |

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Appendix E.103 Age composition of sockeye salmon in the Chilkoot Lake escapement by sex, age class, and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1983 | 1982 | | 1981 | | 1980 | | |
| | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | 3.3 | Total |
| Escapement Dates: | (July 27 - August 1) | | | | | | | |
| Sample Dates: | (July 27 - August 1) | | | | | | | |
| **Male** | | | | | | | | |
| Sample Number | 29 | 68 | 2 | | 9 | | | 108 |
| Percent | 14.4 | 33.8 | 1.0 | | 4.5 | | | 53.7 |
| Std. Error | 2.5 | 3.3 | 0.7 | | 1.4 | | | 3.5 |
| Number | 1298 | 3044 | 90 | | 403 | | | 4835 |
| **Female** | | | | | | | | |
| Sample Number | 9 | 68 | 5 | | 11 | | | 93 |
| Percent | 4.5 | 33.8 | 2.5 | | 5.5 | | | 46.3 |
| Std. Error | 1.4 | 3.3 | 1.1 | | 1.6 | | | 3.5 |
| Number | 403 | 3044 | 224 | | 492 | | | 4163 |
| **All Fish** | | | | | | | | |
| Sample Number | 38 | 136 | 7 | | 20 | | | 201 |
| Percent | 18.9 | 67.7 | 3.5 | | 10.0 | | | 100.0 |
| Std. Error | 2.7 | 3.3 | 1.3 | | 2.1 | | | |
| Number | 1701 | 6088 | 314 | | 895 | | | 8998 |
| Escapement Dates: | (August 2 - 8) | | | | | | | |
| Sample Dates: | (August 2 - 8) | | | | | | | |
| **Male** | | | | | | | | |
| Sample Number | 19 | 76 | 6 | | 19 | | | 120 |
| Percent | 8.5 | 33.9 | 2.7 | | 8.5 | | | 53.6 |
| Std. Error | 1.8 | 3.1 | 1.1 | | 1.8 | | | 3.3 |
| Number | 843 | 3374 | 267 | | 843 | | | 5327 |
| **Female** | | | | | | | | |
| Sample Number | 10 | 69 | 3 | | 22 | | | 104 |
| Percent | 4.5 | 30.8 | 1.3 | | 9.8 | | | 46.4 |
| Std. Error | 1.4 | 3.1 | 0.8 | | 2.0 | | | 3.3 |
| Number | 444 | 3063 | 133 | | 977 | | | 4617 |
| **All Fish** | | | | | | | | |
| Sample Number | 29 | 145 | 9 | | 41 | | | 224 |
| Percent | 12.9 | 64.7 | 4.0 | | 18.3 | | | 100.0 |
| Std. Error | 2.2 | 3.2 | 1.3 | | 2.6 | | | |
| Number | 1287 | 6437 | 400 | | 1820 | | | 9944 |
| Escapement Dates: | (August 9 - 15) | | | | | | | |
| Sample Dates: | (August 9 - 15) | | | | | | | |
| **Male** | | | | | | | | |
| Sample Number | 4 | 53 | 3 | 1 | 31 | 1 | | 93 |
| Percent | 2.6 | 34.2 | 1.9 | 0.6 | 20.0 | 0.6 | | 60.0 |
| Std. Error | 1.3 | 3.8 | 1.1 | 0.6 | 3.2 | 0.6 | | 3.9 |
| Number | 152 | 2017 | 114 | 38 | 1180 | 38 | | 3539 |
| **Female** | | | | | | | | |
| Sample Number | 1 | 33 | 1 | | 27 | | | 62 |
| Percent | 0.6 | 21.3 | 0.6 | | 17.4 | | | 40.0 |
| Std. Error | 0.6 | 3.3 | 0.6 | | 3.0 | | | 3.9 |
| Number | 38 | 1256 | 38 | | 1028 | | | 2360 |
| **All Fish** | | | | | | | | |
| Sample Number | 5 | 86 | 4 | 1 | 58 | 1 | | 155 |
| Percent | 3.2 | 55.5 | 2.6 | 0.6 | 37.4 | 0.6 | | 100.0 |
| Std. Error | 1.4 | 4.0 | 1.3 | 0.6 | 3.8 | 0.6 | | |
| Number | 190 | 3273 | 152 | 38 | 2208 | 38 | | 5899 |

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Appendix E.103 Age composition of sockeye salmon in the Chilkoot Lake escapement by sex, age class, and escapement period, 1987 (continued).

| | Brood Year and Age Class | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1983 | 1982 | | 1981 | | 1980 | | |
| | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | 3.3 | Total |
| Escapement Dates: | (August 16 - 22) | | | | | | | |
| Sample Dates: | (August 16 - 22) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 19 | 75 | 6 | | 103 | 1 | | 204 |
| Percent | 5.7 | 22.4 | 1.8 | | 30.7 | 0.3 | | 60.9 |
| Std. Error | 1.3 | 2.3 | 0.7 | | 2.5 | 0.3 | | 2.6 |
| Number | 963 | 3801 | 304 | | 5220 | 51 | | 10339 |
| Female | | | | | | | | |
| Sample Number | 2 | 67 | 1 | 1 | 59 | 1 | | 131 |
| Percent | 0.6 | 20.0 | 0.3 | 0.3 | 17.6 | 0.3 | | 39.1 |
| Std. Error | 0.4 | 2.2 | 0.3 | 0.3 | 2.1 | 0.3 | | 2.6 |
| Number | 101 | 3396 | 51 | 51 | 2989 | 51 | | 6639 |
| All Fish | | | | | | | | |
| Sample Number | 21 | 142 | 7 | 1 | 162 | 2 | | 335 |
| Percent | 6.3 | 42.4 | 2.1 | 0.3 | 48.4 | 0.6 | | 100.0 |
| Std. Error | 1.3 | 2.7 | 0.8 | 0.3 | 2.7 | 0.4 | | |
| Number | 1064 | 7197 | 355 | 51 | 8209 | 102 | | 16978 |
| Escapement Dates: | (August 23 - October 18) | | | | | | | |
| Sample Dates: | (August 23 - Sept. 9) | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 3 | 37 | 1 | 1 | 39 | | 1 | 82 |
| Percent | 2.0 | 24.7 | 0.7 | 0.7 | 26.0 | | 0.7 | 54.7 |
| Std. Error | 1.1 | 3.5 | 0.7 | 0.7 | 3.6 | | 0.7 | 4.1 |
| Number | 221 | 2718 | 73 | 73 | 2866 | | 73 | 6024 |
| Female | | | | | | | | |
| Sample Number | 1 | 24 | 1 | 1 | 41 | | | 68 |
| Percent | 0.7 | 16.0 | 0.7 | 0.7 | 27.3 | | | 45.3 |
| Std. Error | 0.7 | 3.0 | 0.7 | 0.7 | 3.6 | | | 4.1 |
| Number | 73 | 1763 | 73 | 73 | 3014 | | | 4996 |
| All Fish | | | | | | | | |
| Sample Number | 4 | 61 | 2 | 2 | 80 | | 1 | 150 |
| Percent | 2.7 | 40.7 | 1.3 | 1.3 | 53.3 | | 0.7 | 100.0 |
| Std. Error | 1.3 | 4.0 | 0.9 | 0.9 | 4.1 | | 0.7 | |
| Number | 294 | 4481 | 146 | 146 | 5880 | | 73 | 11020 |
| Combined Periods (Percentages are weighted by period escapements) | | | | | | | | |
| Male | | | | | | | | |
| Sample Number | 143 | 813 | 33 | 2 | 240 | 2 | 1 | 1234 |
| Percent | 6.4 | 35.3 | 1.5 | 0.1 | 12.6 | 0.1 | 0.1 | 56.1 |
| Std. Error | 0.5 | 1.0 | 0.3 | 0.1 | 0.7 | 0.1 | 0.1 | 1.1 |
| Number | 6104 | 33602 | 1411 | 111 | 11978 | 89 | 73 | 53368 |
| Female | | | | | | | | |
| Sample Number | 42 | 714 | 16 | 3 | 197 | 1 | | 973 |
| Percent | 1.9 | 30.7 | 0.7 | 0.2 | 10.4 | 0.1 | | 43.9 |
| Std. Error | 0.3 | 1.0 | 0.2 | 0.1 | 0.7 | 0.1 | | 1.1 |
| Number | 1780 | 29209 | 708 | 160 | 9909 | 51 | | 41817 |
| All Fish | | | | | | | | |
| Sample Number | 185 | 1527 | 49 | 5 | 437 | 3 | 1 | 2207 |
| Percent | 8.3 | 66.0 | 2.2 | 0.3 | 23.0 | 0.1 | 0.1 | 100.0 |
| Std. Error | 0.6 | 1.0 | 0.3 | 0.1 | 0.9 | 0.1 | 0.1 | |
| Number | 7884 | 62811 | 2119 | 271 | 21887 | 140 | 73 | 95185 |

Appendix E.104 Length composition of sockeye salmon in the Chilkoot Lake escapement by sex, age class, and escapement period, 1987.

| | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 | | 1980 | |
| | | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | 3.3 |
| Escapement Dates: (June 4 - 27) | | | | | | | | |
| Sample Dates: (June 11 - 27) | | | | | | | | |
| Male | Avg. Length | 464 | 582 | 465 | | 563 | | |
| | Std. Error | 10.8 | 2.3 | 18.1 | | 11.8 | | |
| | Sample Size | 17 | 241 | 6 | | 13 | | |
| Female | Avg. Length | 478 | 574 | 485 | 535 | 584 | | |
| | Std. Error | 15.1 | 1.8 | 5.0 | | 4.4 | | |
| | Sample Size | 4 | 176 | 3 | 1 | 9 | | |
| All Fish | Avg. Length | 466 | 579 | 472 | 535 | 571 | | |
| | Std. Error | 9.1 | 1.6 | 12.2 | | 7.5 | | |
| | Sample Size | 21 | 417 | 9 | 1 | 22 | | |
| Escapement Dates: (June 28 - July 11) | | | | | | | | |
| Sample Dates: (June 28 - July 11) | | | | | | | | |
| Male | Avg. Length | 460 | 594 | 438 | | 598 | | |
| | Std. Error | 7.1 | 2.3 | 19.2 | | 8.0 | | |
| | Sample Size | 15 | 114 | 3 | | 9 | | |
| Female | Avg. Length | 457 | 576 | | | 551 | | |
| | Std. Error | 22.9 | 2.0 | | | 12.3 | | |
| | Sample Size | 5 | 144 | | | 8 | | |
| All Fish | Avg. Length | 459 | 584 | 438 | | 576 | | |
| | Std. Error | 7.4 | 1.6 | 19.2 | | 9.1 | | |
| | Sample Size | 20 | 258 | 3 | | 17 | | |
| Escapement Dates: (July 12 - 26) | | | | | | | | |
| Sample Dates: (July 12 - 26) | | | | | | | | |
| Male | Avg. Length | 467 | 592 | 449 | | 593 | | |
| | Std. Error | 5.9 | 2.0 | 13.4 | | 5.8 | | |
| | Sample Size | 37 | 149 | 6 | | 17 | | |
| Female | Avg. Length | 447 | 577 | 453 | | 569 | | |
| | Std. Error | 19.6 | 1.7 | 32.5 | | 4.8 | | |
| | Sample Size | 10 | 133 | 2 | | 20 | | |
| All Fish | Avg. Length | 463 | 585 | 450 | | 580 | | |
| | Std. Error | 6.2 | 1.4 | 11.6 | | 4.2 | | |
| | Sample Size | 47 | 282 | 8 | | 37 | | |
| Escapement Dates: (July 27 - August 1) | | | | | | | | |
| Sample Dates: (July 27 - August 1) | | | | | | | | |
| Male | Avg. Length | 473 | 596 | 495 | | 581 | | |
| | Std. Error | 6.4 | 2.4 | 10.0 | | 7.7 | | |
| | Sample Size | 29 | 68 | 2 | | 9 | | |
| Female | Avg. Length | 480 | 578 | 485 | | 552 | | |
| | Std. Error | 11.4 | 2.5 | 10.8 | | 12.3 | | |
| | Sample Size | 9 | 68 | 5 | | 11 | | |
| All Fish | Avg. Length | 475 | 587 | 488 | | 565 | | |
| | Std. Error | 5.5 | 1.9 | 8.0 | | 8.1 | | |
| | Sample Size | 38 | 136 | 7 | | 20 | | |
| Escapement Dates: (August 2 - 8) | | | | | | | | |
| Sample Dates: (August 2 - 8) | | | | | | | | |
| Male | Avg. Length | 457 | 590 | 468 | | 596 | | |
| | Std. Error | 7.1 | 3.3 | 12.4 | | 4.6 | | |
| | Sample Size | 19 | 76 | 6 | | 19 | | |
| Female | Avg. Length | 482 | 579 | 517 | | 571 | | |
| | Std. Error | 9.6 | 3.1 | 33.8 | | 8.0 | | |
| | Sample Size | 10 | 69 | 3 | | 22 | | |
| All Fish | Avg. Length | 466 | 584 | 484 | | 582 | | |
| | Std. Error | 6.0 | 2.3 | 15.1 | | 5.2 | | |
| | Sample Size | 29 | 145 | 9 | | 41 | | |

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Appendix E.104 Length composition of sockeye salmon in the Chilkoot Lake escapement by sex, age class, and escapement period, 1987 (continued).

| | | Brood Year and Age Class | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | 1983 | 1982 | | 1981 | | 1980 | |
| | | 1.2 | 1.3 | 2.2 | 1.4 | 2.3 | 2.4 | 3.3 |
| Escapement Dates: (August 9 - 15) | | | | | | | | |
| Sample Dates: (August 9 - 15) | | | | | | | | |
| Male | Avg. Length | 518 | 596 | 482 | 630 | 599 | 610 | |
| | Std. Error | 19.8 | 2.6 | 7.3 | | 3.4 | | |
| | Sample Size | 4 | 53 | 3 | 1 | 31 | 1 | |
| Female | Avg. Length | 400 | 579 | 480 | | 577 | | |
| | Std. Error | | 5.2 | | | 4.5 | | |
| | Sample Size | 1 | 33 | 1 | | 27 | | |
| All Fish | Avg. Length | 494 | 589 | 481 | 630 | 589 | 610 | |
| | Std. Error | 28.1 | 2.7 | 5.2 | | 3.1 | | |
| | Sample Size | 5 | 86 | 4 | 1 | 58 | 1 | |
| Escapement Dates: (August 16 - 22) | | | | | | | | |
| Sample Dates: (August 16 - 22) | | | | | | | | |
| Male | Avg. Length | 485 | 594 | 462 | | 591 | 590 | |
| | Std. Error | 10.3 | 2.6 | 8.6 | | 1.9 | | |
| | Sample Size | 19 | 75 | 6 | | 103 | 1 | |
| Female | Avg. Length | 460 | 577 | 485 | 560 | 581 | 590 | |
| | Std. Error | 20.0 | 4.1 | | | 3.2 | | |
| | Sample Size | 2 | 67 | 1 | 1 | 59 | 1 | |
| All Fish | Avg. Length | 483 | 586 | 465 | 560 | 587 | 590 | |
| | Std. Error | 9.5 | 2.5 | 8.0 | | 1.7 | | |
| | Sample Size | 21 | 142 | 7 | 1 | 162 | 2 | |
| Escapement Dates: (August 23 - October 18) | | | | | | | | |
| Sample Dates: (August 23 - Sept. 9) | | | | | | | | |
| Male | Avg. Length | 457 | 592 | 540 | 640 | 589 | | 560 |
| | Std. Error | 18.6 | 4.7 | | | 3.5 | | |
| | Sample Size | 3 | 37 | 1 | 1 | 39 | | 1 |
| Female | Avg. Length | 470 | 574 | 500 | 600 | 568 | | |
| | Std. Error | | 4.5 | | | 3.8 | | |
| | Sample Size | 1 | 24 | 1 | 1 | 41 | | |
| All Fish | Avg. Length | 460 | 585 | 520 | 620 | 579 | | 560 |
| | Std. Error | 13.5 | 3.5 | 20.0 | 20.0 | 2.8 | | |
| | Sample Size | 4 | 61 | 2 | 2 | 80 | | 1 |
| Combined Periods (Unweighted) | | | | | | | | |
| Male | Avg. Length | 469 | 590 | 465 | 635 | 591 | 600 | 560 |
| | Std. Error | 3.1 | 1.0 | 5.9 | 5.0 | 1.5 | 10.0 | |
| | Sample Size | 143 | 813 | 33 | 2 | 240 | 2 | 1 |
| Female | Avg. Length | 466 | 576 | 488 | 565 | 573 | 590 | |
| | Std. Error | 6.8 | 0.9 | 8.4 | 18.9 | 2.0 | | |
| | Sample Size | 42 | 714 | 16 | 3 | 197 | 1 | |
| All Fish | Avg. Length | 469 | 583 | 472 | 593 | 583 | 597 | 560 |
| | Std. Error | 2.9 | 0.7 | 5.0 | 20.1 | 1.3 | 6.7 | |
| | Sample Size | 185 | 1527 | 49 | 5 | 437 | 3 | 1 |

Appendix E.105 Daily sockeye salmon counts and associated statistics from Chilkoot Lake weir, 1987.

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| June | 4 | 0 | 0 | 0.0000 | 0.0000 |
| June | 5 | 1 | 1 | 0.0000 | 0.0000 |
| June | 6 | 10 | 11 | 0.0001 | 0.0001 |
| June | 7 | 31 | 42 | 0.0003 | 0.0004 |
| June | 8 | 6 | 48 | 0.0001 | 0.0005 |
| June | 9 | 22 | 70 | 0.0002 | 0.0007 |
| June | 10 | 36 | 106 | 0.0004 | 0.0011 |
| June | 11 | 27 | 133 | 0.0003 | 0.0014 |
| June | 12 | 43 | 176 | 0.0005 | 0.0018 |
| June | 13 | 11 | 187 | 0.0001 | 0.0020 |
| June | 14 | 10 | 197 | 0.0001 | 0.0021 |
| June | 15 | 10 | 207 | 0.0001 | 0.0022 |
| June | 16 | 8 | 215 | 0.0001 | 0.0023 |
| June | 17 | 7 | 222 | 0.0001 | 0.0023 |
| June | 18 | 14 | 236 | 0.0001 | 0.0025 |
| June | 19 | 40 | 276 | 0.0004 | 0.0029 |
| June | 20 | 109 | 385 | 0.0011 | 0.0040 |
| June | 21 | 8083 | 8468 | 0.0849 | 0.0890 |
| June | 22 | 2927 | 11395 | 0.0308 | 0.1197 |
| June | 23 | 2717 | 14112 | 0.0285 | 0.1483 |
| June | 24 | 1120 | 15232 | 0.0118 | 0.1600 |
| June | 25 | 384 | 15616 | 0.0040 | 0.1641 |
| June | 26 | 654 | 16270 | 0.0069 | 0.1709 |
| June | 27 | 698 | 16968 | 0.0073 | 0.1783 |
| June | 28 | 926 | 17894 | 0.0097 | 0.1880 |
| June | 29 | 2350 | 20244 | 0.0247 | 0.2127 |
| June | 30 | 1048 | 21292 | 0.0110 | 0.2237 |
| July | 1 | 933 | 22225 | 0.0098 | 0.2335 |
| July | 2 | 224 | 22449 | 0.0024 | 0.2358 |
| July | 3 | 977 | 23426 | 0.0103 | 0.2461 |
| July | 4 | 421 | 23847 | 0.0044 | 0.2505 |
| July | 5 | 1012 | 24859 | 0.0106 | 0.2612 |
| July | 6 | 630 | 25489 | 0.0066 | 0.2678 |
| July | 7 | 425 | 25914 | 0.0045 | 0.2722 |
| July | 8 | 336 | 26250 | 0.0035 | 0.2758 |
| July | 9 | 263 | 26513 | 0.0028 | 0.2785 |
| July | 10 | 515 | 27028 | 0.0054 | 0.2840 |
| July | 11 | 184 | 27212 | 0.0019 | 0.2859 |
| July | 12 | 708 | 27920 | 0.0074 | 0.2933 |
| July | 13 | 1269 | 29189 | 0.0133 | 0.3067 |
| July | 14 | 1326 | 30515 | 0.0139 | 0.3206 |
| July | 15 | 1025 | 31540 | 0.0108 | 0.3314 |
| July | 16 | 918 | 32458 | 0.0096 | 0.3410 |
| July | 17 | 756 | 33214 | 0.0079 | 0.3489 |
| July | 18 | 998 | 34212 | 0.0105 | 0.3594 |
| July | 19 | 4325 | 38537 | 0.0454 | 0.4049 |
| July | 20 | 908 | 39445 | 0.0095 | 0.4144 |
| July | 21 | 638 | 40083 | 0.0067 | 0.4211 |
| July | 22 | 424 | 40507 | 0.0045 | 0.4256 |
| July | 23 | 209 | 40716 | 0.0022 | 0.4278 |
| July | 24 | 468 | 41184 | 0.0049 | 0.4327 |
| July | 25 | 1162 | 42346 | 0.0122 | 0.4449 |
| July | 26 | 987 | 43333 | 0.0104 | 0.4553 |
| July | 27 | 3917 | 47250 | 0.0412 | 0.4964 |
| July | 28 | 958 | 48208 | 0.0101 | 0.5065 |
| July | 29 | 830 | 49038 | 0.0087 | 0.5152 |
| July | 30 | 616 | 49654 | 0.0065 | 0.5217 |
| July | 31 | 748 | 50402 | 0.0079 | 0.5295 |
| Aug. | 1 | 942 | 51344 | 0.0099 | 0.5394 |
| Aug. | 2 | 1606 | 52950 | 0.0169 | 0.5563 |
| Aug. | 3 | 1416 | 54366 | 0.0149 | 0.5712 |
| Aug. | 4 | 1364 | 55730 | 0.0143 | 0.5855 |
| Aug. | 5 | 1322 | 57052 | 0.0139 | 0.5994 |
| Aug. | 6 | 1003 | 58055 | 0.0105 | 0.6099 |
| Aug. | 7 | 1526 | 59581 | 0.0160 | 0.6259 |
| Aug. | 8 | 1707 | 61288 | 0.0179 | 0.6439 |
| Aug. | 9 | 849 | 62137 | 0.0089 | 0.6528 |
| Aug. | 10 | 326 | 62463 | 0.0034 | 0.6562 |
| Aug. | 11 | 729 | 63192 | 0.0077 | 0.6639 |

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Appendix E.105 Daily sockeye salmon counts and associated statistics from Chilkoot Lake weir, 1987 (continued).

| Date | | Daily Count | Cumulative Count | Daily Proportion of Total | Cumulative Proportion of Total |
|---|---|---|---|---|---|
| Aug. | 12 | 1238 | 64430 | 0.0130 | 0.6769 |
| Aug. | 13 | 616 | 65046 | 0.0065 | 0.6834 |
| Aug. | 14 | 673 | 65719 | 0.0071 | 0.6904 |
| Aug. | 15 | 1468 | 67187 | 0.0154 | 0.7059 |
| Aug. | 16 | 2341 | 69528 | 0.0246 | 0.7305 |
| Aug. | 17 | 4762 | 74290 | 0.0500 | 0.7805 |
| Aug. | 18 | 2168 | 76458 | 0.0228 | 0.8033 |
| Aug. | 19 | 2908 | 79366 | 0.0306 | 0.8338 |
| Aug. | 20 | 1682 | 81048 | 0.0177 | 0.8515 |
| Aug. | 21 | 772 | 81820 | 0.0081 | 0.8596 |
| Aug. | 22 | 2345 | 84165 | 0.0246 | 0.8842 |
| Aug. | 23 | 1586 | 85751 | 0.0167 | 0.9009 |
| Aug. | 24 | 1482 | 87233 | 0.0156 | 0.9165 |
| Aug. | 25 | 721 | 87954 | 0.0076 | 0.9240 |
| Aug. | 26 | 224 | 88178 | 0.0024 | 0.9264 |
| Aug. | 27 | 309 | 88487 | 0.0032 | 0.9296 |
| Aug. | 28 | 665 | 89152 | 0.0070 | 0.9366 |
| Aug. | 29 | 1031 | 90183 | 0.0108 | 0.9474 |
| Aug. | 30 | 658 | 90841 | 0.0069 | 0.9544 |
| Aug. | 31 | 1107 | 91948 | 0.0116 | 0.9660 |
| Sept. | 1 | 848 | 92796 | 0.0089 | 0.9749 |
| Sept. | 2 | 316 | 93112 | 0.0033 | 0.9782 |
| Sept. | 3 | 304 | 93416 | 0.0032 | 0.9814 |
| Sept. | 4 | 174 | 93590 | 0.0018 | 0.9832 |
| Sept. | 5 | 511 | 94101 | 0.0054 | 0.9886 |
| Sept. | 6 | 286 | 94387 | 0.0030 | 0.9916 |
| Sept. | 7 | 104 | 94491 | 0.0011 | 0.9927 |
| Sept. | 8 | 145 | 94636 | 0.0015 | 0.9942 |
| Sept. | 9 | 201 | 94837 | 0.0021 | 0.9963 |
| Sept. | 10 | 0 | 94837 | 0.0000 | 0.9963 |
| Sept. | 11 | 0 | 94837 | 0.0000 | 0.9963 |
| Sept. | 12 | 2 | 94839 | 0.0000 | 0.9964 |
| Sept. | 13 | 60 | 94899 | 0.0006 | 0.9970 |
| Sept. | 14 | 14 | 94913 | 0.0001 | 0.9971 |
| Sept. | 15 | 17 | 94930 | 0.0002 | 0.9973 |
| Sept. | 16 | 14 | 94944 | 0.0001 | 0.9975 |
| Sept. | 17 | 28 | 94972 | 0.0003 | 0.9978 |
| Sept. | 18 | 35 | 95007 | 0.0004 | 0.9981 |
| Sept. | 19 | 49 | 95056 | 0.0005 | 0.9986 |
| Sept. | 20 | 29 | 95085 | 0.0003 | 0.9989 |
| Sept. | 21 | 23 | 95108 | 0.0002 | 0.9992 |
| Sept. | 22 | 30 | 95138 | 0.0003 | 0.9995 |
| Sept. | 23 | 13 | 95151 | 0.0001 | 0.9996 |
| Sept. | 24 | 4 | 95155 | 0.0000 | 0.9997 |
| Sept. | 25 | 9 | 95164 | 0.0001 | 0.9998 |
| Sept. | 26 | 4 | 95168 | 0.0000 | 0.9998 |
| Sept. | 27 | 5 | 95173 | 0.0001 | 0.9999 |
| Sept. | 28 | 5 | 95178 | 0.0001 | 0.9999 |
| Sept. | 29 | 3 | 95181 | 0.0000 | 1.0000 |
| Sept. | 30 | 2 | 95183 | 0.0000 | 1.0000 |
| Oct. | 1 | 0 | 95183 | 0.0000 | 1.0000 |
| Oct. | 2 | 0 | 95183 | 0.0000 | 1.0000 |
| Oct. | 3 | 0 | 95183 | 0.0000 | 1.0000 |
| Oct. | 4 | 0 | 95183 | 0.0000 | 1.0000 |
| Oct. | 5 | 0 | 95183 | 0.0000 | 1.0000 |
| Oct. | 6 | 0 | 95183 | 0.0000 | 1.0000 |
| Oct. | 7 | 0 | 95183 | 0.0000 | 1.0000 |
| Oct. | 8 | 1 | 95184 | 0.0000 | 1.0000 |
| Oct. | 9 | 0 | 95184 | 0.0000 | 1.0000 |
| Oct. | 10 | 0 | 95184 | 0.0000 | 1.0000 |
| Oct. | 11 | 0 | 95184 | 0.0000 | 1.0000 |
| Oct. | 12 | 0 | 95184 | 0.0000 | 1.0000 |
| Oct. | 13 | 0 | 95184 | 0.0000 | 1.0000 |
| Oct. | 14 | 0 | 95184 | 0.0000 | 1.0000 |
| Oct. | 15 | 0 | 95184 | 0.0000 | 1.0000 |
| Oct. | 16 | 0 | 95184 | 0.0000 | 1.0000 |
| Oct. | 17 | 0 | 95184 | 0.0000 | 1.0000 |
| Oct. | 18 | 1 | 95185 | 0.0000 | 1.0000 |

Mean Day of Migration = July 27 Variance = 550.1 Days squared