ADF&G TECHNICAL DATA REPORT NO. 132
(Limited Distribution)

STATE OF ALASKA
Bill Sheffield, Governor

ABUNDANCE, AGE, SEX, AND SIZE OF SOCKEYE SALMON (*Oncorhynchus nerka* Walbaum) CATCHES AND ESCAPEMENTS IN SOUTHEASTERN ALASKA IN 1983

By:
Andrew J. McGregor
Scott A. McPherson
and
John E. Clark

December 1984

ALASKA DEPARTMENT OF FISH AND GAME
P.O. Box 3-2000, Juneau, Alaska 99802

Don W. Collinsworth
Commissioner

ADF&G TECHNICAL DATA REPORTS

This series of reports is designed to facilitate prompt reporting of data from studies conducted by the Alaska Department of Fish and Game, especially studies which may be of direct and immediate interest to scientists of other agencies.

The primary purpose of these reports is presentation of data. Description of programs and data collection methods is included only to the extent required for interpretation of the data. Analysis is generally limited to that necessary for clarification of data collection methods and interpretation of the basic data. No attempt is made in these reports to present analysis of the data relative to its ultimate or intended use.

Data presented in these reports is intended to be final, however, some revisions may occasionally be necessary. Minor revisions will be made via errata sheets. Major revisions will be made in the form of revised reports.

ABUNDANCE, AGE, SEX, AND SIZE OF SOCKEYE SALMON *(Oncorhynchus nerka* Walbaum) CATCHES AND ESCAPEMENTS IN SOUTHEASTERN ALASKA IN 1983

By

Andrew J. McGregor
Scott A. McPherson
and
John E. Clark

Alaska Department of Fish and Game
Division of Commercial Fisheries
Juneau, Alaska

December 1984

TABLE OF CONTENTS

	Page
LIST OF FIGURES	i
LIST OF TABLES	ii
LIST OF APPENDICES	iv
ABSTRACT	x
INTRODUCTION	1
METHODS	1
Study Area Description	1
Abundance Data	4
Age, Sex, and Length Data	6
RESULTS AND DISCUSSION	7
Harvest Data	7
Numbers of Fish	7
Purse Seine Catch	7
Gill Net Catch	9
Troll Catch	11
Trap Catch	11
Canadian-Transboundary River Catch	11
Sport Catch	11
Subsistence Catch	11
Age, Sex, and Size Data	11
Purse Seine	17
Gill Net	17
Trap	24
Escapement Data	24
Abundance Estimates	24
Age, Sex, and Size Composition	24
Run Timing	32
ACKNOWLEDGMENTS	43
LITERATURE CITED	44
APPENDICES	46

LIST OF FIGURES

Figure | Page

1. Map of Southeastern Alaska showing the statistical fishing districts 5

LIST OF TABLES

Table		Page
1.	Total commercial harvest of sockeye salmon in Southeastern Alaska, by district and date, 1983	2
2.	Total purse seine harvest of sockeye salmon in Southeastern Alaska, by district and date, 1983	8
3.	Total gill net harvest of sockeye salmon in Southeastern Alaska, by district and date, 1983	10
4.	Total troll harvest of sockeye salmon in Southeastern Alaska, by district and date, 1983	12
5.	Total trap harvest of sockeye salmon in Southeastern Alaska, by date, 1983	13
6.	Canadian harvest of sockeye salmon from transboundary rivers, by date and location, 1983	14
7.	Total estimated sport fish harvest of sockeye salmon in Southeastern Alaska by area, 1983	15
8.	Total reported subsistence harvest of sockeye salmon in Southeastern Alaska, 1983	16
9.	Summary table of the percentage age composition of sockeye salmon in the commercial purse seine harvest in Southeastern Alaska, by district, 1983	18
10.	Mean length, standard error, ± 95% confidence interval by district, sex, and age class of sockeye salmon from purse seine harvests in Southeastern Alaska, 1981	19
11.	Summary table of the percentage age composition of sockeye salmon in the commercial gill net harvest in Southeastern Alaska and transboundary rivers, by district, 1983	23
12.	Mean length, standard error, ± 95% confidence interval by district, sex, and age class of sockeye salmon runs from gill net harvests in Southeastern Alaska and transboundary rivers, 1983	25
13.	Percentage age composition of sockeye salmon in the District 101 Annette Island Reserve trap harvest in Southeastern Alaska, 1983	27
14.	Mean length, standard error, ± 95% confidence interval by sex and age class of sockeye salmon from the District 101 Annette Island Reserve trap harvest in Southeastern Alaska, 1983	28
15.	Peak escapement and weir counts for Southeastern Alaska and transboundary river sockeye salmon systems, 1983	29

LIST OF TABLES (Continued)

Table		Page
16.	Summary table of the sample size and percentage age composition of sockeye salmon in escapements to Southeastern Alaska and upper Taku and Stikine River tributaries in 1983	31
17.	Mean length, standard error, ± 95% confidence intervals by sex and age class of sockeye salmon from escapements in Southeastern Alaska and transboundary river systems, 1983	33
18.	Summary of sockeye salmon run timing through weirs in Southeastern Alaska and transboundary river systems, 1983	42

LIST OF APPENDICES

Appendix Table		Page
1.	District 101 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	47
2.	District 101 Annette Island Reserve purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	49
3.	District 102 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	50
4.	District 103 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	51
5.	District 104 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	52
6.	District 105 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	53
7.	District 106 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	54
8.	District 107 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	55
9.	District 109 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	56
10.	District 110 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	57
11.	District 112 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	58
12.	District 113-34 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	60
13.	District 114 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	61
14.	District 101 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	62
15.	District 101 Annette Island Reserve gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	65
16.	District 106 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	66
17.	District 108 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	69

LIST OF APPENDICES (Continued)

Appendix Table		Page
18.	Canadian commercial gill net catch of sockeye salmon on the Stikine River, sex and age by sample period, 1983	70
19.	District 111 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	72
20.	Canadian commercial gill net catch of sockeye salmon on the Taku River, sex and age by sample period, 1983	76
21.	District 115 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	78
22.	District 101 Annette Island Reserve trap catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983	83
23.	Age composition of the Fillmore Lake escapement by sample period and sex, Southeastern Alaska, 1983	84
24.	Age composition of the Hugh Smith Lake escapement by sample period and sex, Southeastern Alaska, 1983	85
25.	Age composition of the Leask Lake escapement by sample period and sex, Southeastern Alaska, 1983	86
26.	Age composition of the McDonald Lake escapement by sample period and sex, Southeastern Alaska, 1983	87
27.	Age composition of the Naha Lake escapement by sample period and sex, Southeastern Alaska, 1983	88
28.	Age composition of the Helm Lake escapement by sample period and sex, Southeastern Alaska, 1983	90
29.	Age composition of the Johnson Lake escapement by sample period and sex, Southeastern Alaska, 1983	91
30.	Age composition of the Kegan Lake escapement by sample period and sex, Southeastern Alaska, 1983	92
31.	Age composition of the Karta River escapement by sample period and sex, Southeastern Alaska, 1983	94
32.	Age composition of the Klakas Lake escapement by sample period and sex, Southeastern Alaska, 1983	95
33.	Age composition of the Hetta Lake escapement by sample period and sex, Southeastern Alaska, 1983	96
34.	Age composition of the Warmchuck Lake escapement by sample period and sex, Southeastern Alaska, 1983	97

LIST OF APPENDICES (Continued)

Appendix Table		Page
35.	Age composition of the Sarkar Lake escapement by sample period and sex, Southeastern Alaska, 1983	99
36.	Age composition of the Kushneahin Lake escapement by sample period and sex, Southeastern Alaska, 1983	100
37.	Age composition of the Galea Lake escapement by sample period and sex, Southeastern Alaska, 1983	101
38.	Age composition of the Luck Lake escapement by sample period and sex, Southeastern Alaska, 1983	102
39.	Age composition of the Salmon Bay Lake escapement by sample period and sex, Southeastern Alaska, 1983	103
40.	Age composition of the Red Bay Lake escapement by sample period and sex, Southeastern Alaska, 1983	104
41.	Age composition of the Kah Sheets Lake escapement by sample period and sex, Southeastern Alaska, 1983	105
42.	Age composition of the Petersburg Lake escapement by sample period and sex, Southeastern Alaska, 1983	106
43.	Age composition of the Thoms Lake escapement by sample period and sex, Southeastern Alaska, 1983	107
44.	Age composition of the Iskut River escapement by sample period and sex, Southeastern Alaska, 1983	108
45.	Age composition of the Verrett River escapement by sample period and sex, Southeastern Alaska, 1983	109
46.	Age composition of the Stikine River escapement (test gill net) by sample period and sex, Southeastern Alaska, 1983	110
47.	Age composition of the Stikine River escapement (fishwheel) by sample period and sex, Southeastern Alaska, 1983	111
48.	Age composition of the Tahltan Lake escapement by sample period and sex, northwestern British Columbia, 1983	112
49.	Age composition of the Gut Bay Lake escapement by sample period and Sex, Southeastern Alaska, 1983	114
50.	Age composition of the Falls Lake escapement by sample period and sex, Southeastern Alaska, 1983	115
51.	Age composition of the Kutlaku Lake escapement by sample period and sex, Southeastern Alaska, 1983	116

LIST OF APPENDICES (Continued)

Appendix Table		Page
52.	Age composition of the Aleck's Lake escapement by sample period and sex, Southeastern Alaska, 1983	117
53.	Age composition of the Farragut River escapement by sample period and sex, Southeastern Alaska, 1983	118
54.	Age composition of the Taku River escapement (test gill net) by sample period and sex, Southeastern Alaska, 1983	119
55.	Age composition of the Taku River escapement (fishwheel) by sample period and sex, Southeastern Alaska, 1983	120
56.	Age composition of the South Fork Slough escapement by sample period and sex, northwestern British Columbia, 1983	121
57.	Age composition of the Nakina River escapement by period and sex, northwestern British Columbia, 1983	122
58.	Age composition of the Silver Salmon River escapement by sample period and sex, northwestern British Columbia, 1983	123
59.	Age composition of the Kuthai Lake escapement by sample period and sex, northwestern British Columbia, 1983	124
60.	Age composition of the Little Trapper Lake escapement by sample period and sex, northwestern British Columbia, 1983	125
61.	Age composition of the combined Tatsamenie River and Tatsamenie Lake escapement by sample period and sex, northwestern British Columbia, 1983	126
62.	Age composition of the Speel Lake escapement by sample period and sex, Southeastern Alaska, 1983	127
63.	Age composition of the Crescent Lake escapement by sample period and sex, Southeastern Alaska, 1983	128
64.	Age composition of the Auke Lake escapement by sample period and sex, Southeastern Alaska, 1983	130
65.	Age composition of the Lake Creek escapement by sample period and sex, Southeastern Alaska, 1983	131
66.	Age composition of the Steep Creek escapement by sample period and sex, Southeastern Alaska, 1983	132
67.	Age composition of the Kook Lake escapement by sample period and sex, Southeastern Alaska, 1983	133

LIST OF APPENDICES (Continued)

Appendix Table		Page
68.	Age composition of the Pavlof Lake escapement by sample period and sex, Southeastern Alaska, 1983	134
69.	Age composition of the Politofski Lake escapement by sample period and sex, Southeastern Alaska, 1983	135
70.	Age composition of the Redoubt Lake escapement by sample period and sex, Southeastern Alaska, 1983	136
71.	Age composition of the Sitkoh Lake escapement by sample period and sex, Southeastern Alaska, 1983	137
72.	Age composition of the Lake Anna escapement by sample period and sex, Southeastern Alaska, 1983	138
73.	Age composition of the Ford Arm Lake escapement by sample period and sex, Southeastern Alaska, 1983	139
74.	Age composition of the Chilkat Lake escapement by sample period and sex, Southeastern Alaska, 1983	140
75.	Age composition of the Chilkat River escapement by sample period and sex, Southeastern Alaska, 1983	142
76.	Age composition of the Chilkoot River escapement by sample period and sex, Southeastern Alaska, 1983	143
77.	Hugh Smith daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	145
78.	McDonald Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	147
79.	Naha River daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	148
80.	Tamgass Creek daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	150
81.	Kegan Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	152
82.	Karta River daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	153
83.	Klakas Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	156
84.	Klawock River daily, cumulative, and percent weir count of sockeye salmon, Southeastern Alaska, 1983	158

LIST OF APPENDICES (Continued)

Appendix Table		Page
85.	Warmchuck Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	160
86.	Sarkar Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	162
87.	Salmon Bay Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	164
88.	Tahltan Lake daily, cumulative, and percent weir counts of sockeye salmon, northwestern British Columbia, 1983	165
89.	Falls Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	166
90.	Little Trapper Lake daily, cumulative, and percent weir counts of sockeye salmon, northwestern British Columbia, 1983	168
91.	Speel Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	169
92.	Crescent Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	171
93.	Auke Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	172
94.	Salmon Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	174
95.	Redoubt Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	175
96.	Chilkat Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	177
97.	Chilkoot Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983	179

ABSTRACT

Catch statistics and escapement estimates for sockeye salmon *(Oncorhynchus nerka* Walbaum*)* in Southeastern Alaska in 1983, excluding the inshore districts of the Yakutat management area, are summarized. Commercial purse seine, gill net, and fish trap catches are apportioned by age, sex, and size for each fishing district based on the best sample data available. Age, sex, and size data are also presented for 54 escapement collections in the region. Daily counts and the mean and variance of the migratory time density functions of sockeye salmon passing through 21 weirs in Southeastern Alaska and northwestern British Columbia are tabulated. The commercial harvest of 1,415,152 sockeye salmon in Southeastern Alaska in 1983 was the largest in the Southeastern Region since 1945. The purse seine and drift gill net fleets harvested the vast majority of sockeye salmon; 56% and 43%, respectively. The majority (82%) of the purse seine catch was taken in District 104. Gill net catches were highest in Districts 115 and 101. Small numbers of sockeye salmon were also taken in commercial fish trap and troll fisheries, Canadian commercial gill net fisheries on the Taku and Stikine Rivers and by sport and subsistence fishermen. Five-year-old (1978 brood year) sockeye salmon were the dominant age group represented in most district's purse seine catches, although four-year-old (1979 brood year) fish predominated in small purse seine harvests in Districts 105, 106, and 107. Five-year-old sockeye salmon were also the dominant age group taken by the gill net fleet. The average age of the gill net harvest of sockeye salmon was generally older and the age composition less variable than for sockeye salmon harvested in the purse seine fisheries. Large shifts in the age composition of the catch were apparent in almost all districts for which data could be stratified by sample period. No large-scale trends in average length were apparent within either the gill net or purse seine fisheries, although length by age class of sockeye salmon taken with purse seine gear in Districts 104 and 112 increased through the season. Females were generally shorter than males within specific age classes. Escapement estimates and indices are listed for all sockeye salmon spawning systems in the region in which at least 25 fish were seen. Chilkat and Chilkoot Lakes recorded the highest escapements of the weired systems; 134,207 and 80,343 sockeye salmon, respectively. A total of 56,147 sockeye salmon returned through the weir at McDonald Lake. Between 10,000 and 23,000 sockeye salmon were counted through the Hugh Smith Lake, Karta River, Salmon Bay Lake, Tahltan Lake, Speel Lake, and Crescent Lake weirs. From 1,000 to 9,000 sockeye salmon passed through weirs at the Naha River, Kegan Lake, Klakas Lake, Warmchuck Lake, Sarkar Lake, Falls Lake, Little Trapper Lake, Auke Lake, and Redoubt Lake, while fewer than 1,000 fish were counted through the Tamgass Creek, Klawock River, and Salmon Lake weirs. Indices of escapement are provided for the remaining sockeye salmon systems using aerial, foot, and boat surveys and tagging studies. The 1978 brood year (primarily age 1.3 fish) predominated in most of the 54 escapement collections. Contribution of the 1977, 1979, and 1980 brood years to escapement were, however, important for some systems. Substantial variability existed in size within age classes by sex of sockeye salmon in escapements to spawning systems in the region. Migratory timing of sockeye salmon through the 21 weirs in the region revealed a highly variable pattern that was not obviously related to geographic location.

KEY WORDS: Southeastern Alaska, sockeye salmon, *Oncorhynchus nerka*, biological sampling, catch and escapement

INTRODUCTION

Sockeye salmon *(Oncorhynchus nerka* Walbaum*)* historically rank third in numerical importance of the five species of Pacific salmon commercially harvested in Southeastern Alaska. Catches increased dramatically from the fishery's inception in the 1880's to peak levels during the period 1896-1920, when annual catches averaged approximately 2.1 million sockeye salmon. The first serious decline in catches in the region came during the period 1921-1925, when average annual catches decreased by 735,000 fish compared to the previous 5-year period. Catch levels continued to decline for the next 10 years, but rebounded to an average annual harvest of approximately 2.0 million fish between 1936 and 1940. A second serious decline in catches came during the period 1941-1950. From 1951 through 1980 catches remained fairly stable, averaging 803,000 fish annually. Sockeye salmon catches have increased sharply in Southeastern Alaska during the last 3 years, averaging almost 1.2 million fish annually.

Sockeye salmon are harvested in commercial, sport, and subsistence fisheries in Southeastern Alaska. The majority are taken in the commercial purse seine and gill net fisheries, with lesser numbers taken commercially by fish traps and in the troll fishery. A total of 1,415,152 sockeye salmon was harvested by Southeastern Alaska commercial fishermen in 1983 (Table 1), excluding catches made in the inshore districts of the Yakutat management area. In 1983 the total number of sockeye salmon harvested by gear type were; seine 794,300, gill net 607,986, troll 8,012, and trap 4,854. The sport harvest of sockeye salmon is limited and occurs primarily near centers of population such as Juneau, Haines, Sitka, Petersburg, and Ketchikan. An estimated 4,222 sockeye salmon were taken with sport gear in 1983. Sockeye salmon are taken for subsistence use (an estimated 15,680 fish in 1983) at numerous locations in the region. Canadian commercial gill net fisheries have operated in the Canadian reaches of the Stikine and Taku Rivers since 1979. In 1983 these fisheries harvested 15,857 and 17,056 sockeye salmon, respectively. A Canadian subsistence fishery on the upper Stikine River netted 614 sockeye salmon as well.

This report documents the available data on the numbers, age, sex, and size composition of the harvest and escapement of sockeye salmon in Southeastern Alaska in 1983. Total commercial sockeye salmon catches are presented by district, gear type, and statistical week. The sex and age composition of catch samples are extrapolated to the total commercial catch resulting in estimates of the age and sex composition of commercial catches by district. Mean lengths and the corresponding standard errors of the means of the catch samples are also presented by age and sex (if recorded). Escapement indices are tabulated and samples are used to estimate the sex, age, and mean length of sockeye salmon from the major escapements. Migratory timing characteristics of 21 populations of sockeye salmon passing through weirs are also described. Data are summarized in the body of this report. More detailed information is presented in the Appendix.

METHODS

Study Area Description

The study area consists of outside coastal waters of Southeastern Alaska extending

Table 1. Total commercial harvest of sockeye salmon in Southeastern Alaska, by district and date, 1983[1].

Inclusive Dates	Statistical Week	District 101	102	103	104	105	106	107	108	152	Southern Southeast Total
April 10-April 16	16					1					1
April 17-April 23	17										0
April 24-April 30	18										0
May 1-May 7	19										0
May 8-May 14	20										0
May 15-May 21	21										0
May 22-May 28	22				2						2
May 29-June 4	23										0
June 5-June 11	24				2						2
June 12-June 18	25	439									439
June 19-June 25	26	18,851					5,353				24,204
June 26-July 2	27	18,514	2	3	27		7,062				25,608
July 3-July 9	28	7,442	11	2	44,337	9	6,101	2			57,904
July 10-July 16	29	17,929	24	7	63,243	9	4,292	1		1	85,506
July 17-July 23	30	36,785	2,612	10	64,835	27	12,419				116,688
July 24-July 30	31	35,217	1,743	17	179,872	40	7,974		2		224,865
July 31-August 6	32	35,289	1,035	34	134,747	17	1,412				172,534
August 7-August 13	33	27,523	358	6,017	113,581	85	3,845	1,061			152,470
August 14-August 20	34	9,844	2,535	2,583	33,266	41	1,821	143	78		50,311
August 21-August 27	35	5,598	1,989	1,652	17,739	272	614	20	30		27,914
August 28-Sept. 3	36	2,552	868	119	9	2	237	15	41		3,843
Sept. 4-Sept. 10	37	763	1				48		21		833
Sept. 11-Sept. 17	38	180	36				15		4		235
Sept. 18-Sept. 24	39	31							4		35
Sept. 25-Oct. 1	40						1				1
Oct. 2-Oct. 8	41										0
Oct. 9-Oct. 15	42										0
Total		216,957	11,214	10,444	651,660	503	51,194	1,242	180	1	943,395

-Continued-

Table 1. Total commercial harvest of sockeye salmon in Southeastern Alaska, by district and date, 1983[1] (continued).

Inclusive Dates	Statistical Week	District 109	110	111	112	113	114	115	116	154/157	181/182/183/189	Northern Southeast Total	Total Southeast
April 10-April 16	16											0	1
April 17-April 23	17											0	0
April 24-April 30	18											0	0
May 1-May 7	19											0	0
May 8-May 14	20											0	0
May 15-May 21	21					1			1			2	2
May 22-May 28	22					5						5	7
May 29-June 4	23					9	10		1			20	20
June 5-June 11	24				5	11	2		3	1		22	24
June 12-June 18	25											0	439
June 19-June 25	26			2,369				2,448			44	4,861	29,065
June 26-July 2	27	2		3,487		48	103	4,697				8,337	33,945
July 3-July 9	28	9	2	5,774	5	597	575	9,779	54	7	3	16,805	74,709
July 10-July 16	29	21		2,111	585	313	254	8,401	45	12	35	11,777	97,283
July 17-July 23	30	15		889	8,247	19,368	785	27,420	78	16	3	56,821	173,509
July 24-July 30	31	636	802	6,503	9,229	3,241	2,247	58,678	110			81,446	306,311
July 31-August 6	32	28	310	5,800	2,766	6,551	119	59,176	183	13	3	74,949	247,483
August 7-August 13	33	28		2,296	3,952	5,068		60,560				71,904	224,374
August 14-August 20	34	51		858	826	1,495	131	34,672	72			38,105	88,416
August 21-August 27	35	40	1	634	372	249	150	49,182	273		2	50,903	78,817
August 28-Sept. 3	36	36		644	7	16	60	41,513	60			42,336	46,179
Sept. 4-Sept. 10	37			209		3	52	10,338	14			10,616	11,449
Sept. 11-Sept. 17	38			12	1	8	101	1,521	44			1,687	1,922
Sept. 18-Sept. 24	39			41		4		575	19			639	674
Sept. 25-Oct. 1	40								485			485	486
Oct. 2-Oct. 8	41								35			35	35
Oct. 9-Oct. 15	42								2			2	2
Total		866	1,115	31,627	25,995	36,987	4,589	369,482	957	49	90	471,757	1,415,152

[1] Includes catches made on the Annette Island Fishery Reserve in District 101.

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 through 116, 182 and 183) and five offshore districts (152, 154, 157, 181, and 189). Inshore districts of the Yakutat management area are reported on elsewhere (McBride 1984).

Commercial, sport, and subsistence fisheries operated throughout the region. Drift gill nets were used to commercially harvest salmon in Districts 101, 106, 108, 111, and 115 in 1983. Canadian gill net fisheries operated in the Canadian portions of two transboundary rivers, the Stikine and Taku Rivers. Purse seines were used to harvest sockeye salmon in Districts 101-107, 109-110, and 112-114 in 1983. The Metlakatla Indians operated gill net and seine fisheries in the Annette Island area of District 101 (Subdistricts 24, 26, 28, and 42), as well as a small floating fish trap fishery in Subdistrict 28. Lesser numbers of sockeye salmon were harvested by the troll fleet, which operates throughout the region. Sport fishing occurred throughout Southeastern Alaska, primarily near population centers in the region. Subsistence fishing was allowed at many sites in Southeastern Alaska, primarily near the mouths of rivers and streams.

Abundance Data

Alaskan commercial catch data used in this report were compiled by the Division of Commercial Fisheries, Alaska Department of Fish and Game (ADF&G), and originated from individual fish tickets tabulated as of 7 June 1984. Because of the volume of tickets and existence of both data entry and recording errors, later summaries may differ slightly from those used in this report as more errors are detected and corrected. Therefore the allocation of commercial catches by gear, district, age, sex, and sampling period are accurate but may not be exact. Catch data for Canadian fisheries operating on the upper Taku and Stikine Rivers were obtained from the Canadian Department of Fisheries and Oceans (Sandy Johnston, personal communication). Sport catch information was obtained from Mills (1984). Subsistence catch information was tabulated from subsistence use permits returned to ADF&G (Imamura, Valentine, Bergmann, DeJong, personal communication). Not all returned subsistence tickets have been processed, so this data must be considered preliminary. Additionally, all subsistence permits typically are not returned, so subsistence catch totals listed in this report are less than the total subsistence harvest from the region.

A variety of methods were used to provide escapement counts to Southeastern Alaska systems. Nineteen Alaskan systems and two Canadian spawning systems were weired, and total counts of sockeye salmon were made. Much of the weir count data from southern Southeastern Alaska was obtained from Eiler et al. (1984). For the purpose of this report, weir counts include fish taken for biological samples and small numbers of fish that died passing through several of the installations. Peak aerial, foot, and boat surveys provided escapement indices for an additional 55 spawning systems. Aerial surveys were made by ADF&G. Foot and boat surveys were performed by ADF&G and the National Marine Fisheries Service (NMFS). Escapement estimates derived using these three methods should only be considered as indicators of escapement magnitude; they do not represent total counts. Tagging (mark-recapture) studies were conducted on several systems by ADF&G to provide estimates of escapement.

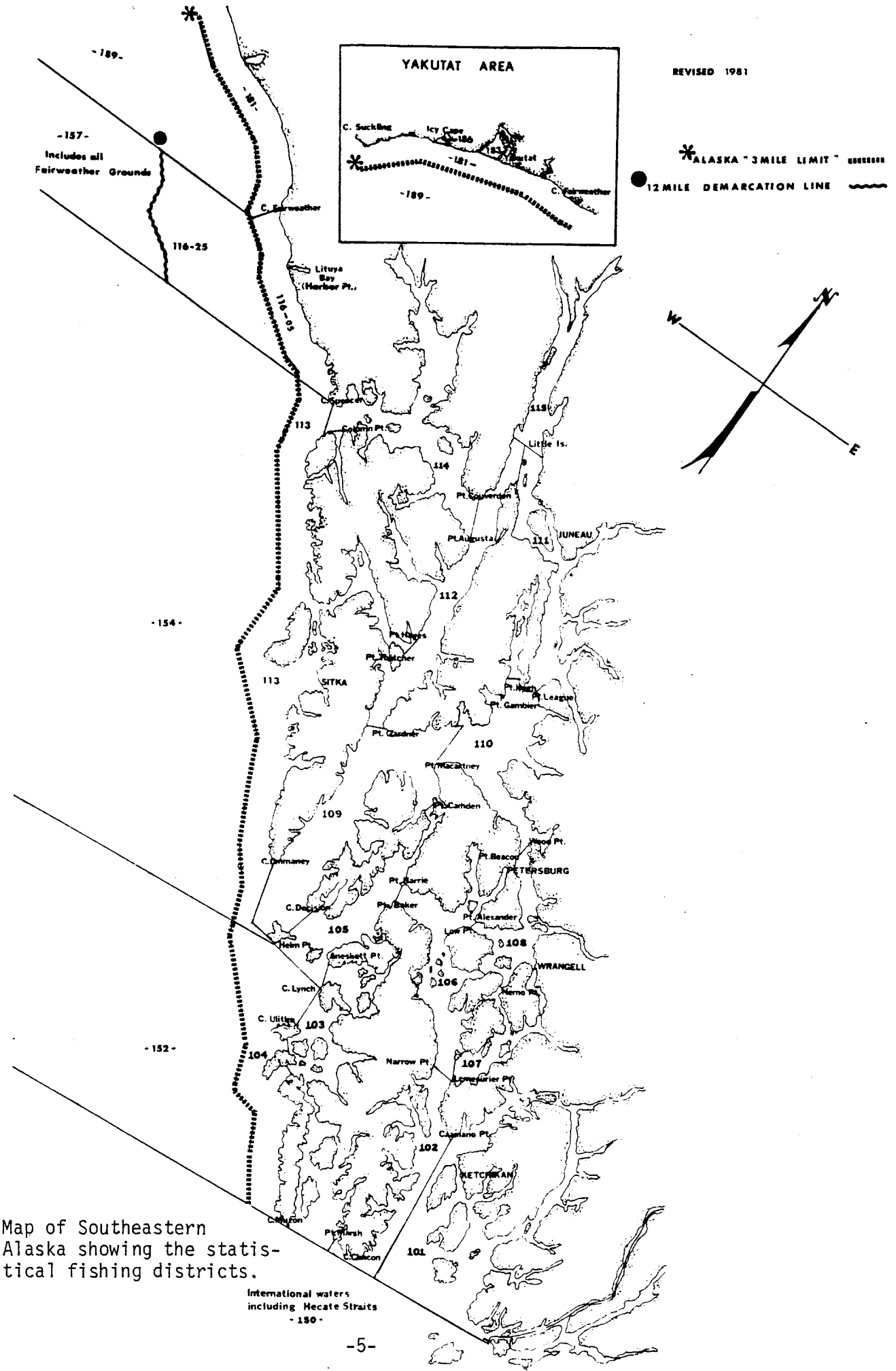

Figure 2. Map of Southeastern Alaska showing the statistical fishing districts.

Age, Sex, and Length Data

Sockeye salmon from both catches and escapements were sampled for scales, sex (when possible), and length. Some otoliths were also collected from sockeye salmon carcasses on the spawning grounds. Examination of scales and/or otolith samples provided age data for individual fish. Scales were taken from the 'preferred area' of the fish (INPFC 1963). Scales were mounted on gum cards and impressions made in cellulose acetate (Clutter and Whitesel 1956). Ages were reported in European notation[1]. Sex was determined by examination of external morphological features or gonads. Sex determination could not be made in some cases because of the absence of secondary maturation characteristics. This is especially true for purse seine catches on the outer coast (Districts 104 and 113). Fish length was measured from the middle of the eye to the fork of the tail, recorded to either the nearest millimeter or nearest 5 millimeters.

All districts that reported gill net or purse seine catches were sampled, as was the trap fishery in District 101. Subsistence and sport fisheries were not sampled because of the small magnitude of the harvest and logistic difficulties involved in obtaining samples. Most of the major sockeye salmon escapements were sampled. Escapement samples were collected either in weir traps or by beach seining and carcass sampling. Gillnets and fishwheels were used to sample the escapements in the mainstem Taku and Stikine Rivers.

Age and sex composition were computed for each fishery and escapement sampled. These data were stratified over time into sample periods where sufficient data existed. The minimum number of samples with valid age determinations used to represent one period was defined as that number needed to attain a level of precision of 0.10 and a level of accuracy of plus or minus 5% for determination of age composition. The number of age groups, k, was defined as one plus the number of age groups comprising at least 90% of the sample (i.e., all of the remaining age groups that comprise the remaining 10% of the sample were pooled into an "other" category for the purpose of defining k). These parameters were then applied to the sample size determination formulas described by Cochran (1977). Sample sizes needed to attain these levels of precision and accuracy, assuming an infinite population size, were 454 (k=3), 502 (k=4), or 543 (k=5). Commercial catches were often low enough to allow the aforementioned precision and accuracy criteria to be met with fewer samples than listed above.

Catches and escapements were allocated by age class and sex for each sample period. Totals from each sample period were than added to represent a season's age and sex composition of each fishery and escapement for which accurate catch or abundance data existed. When only indices of abundance were available for escapements the indexed abundance was not allocated by age or sex, rather, a percentage breakdown of each sample by age and sex was tabulated. Standard errors of the age class proportions were calculated by standard binomial formulas. The age distribution

---

[1] European formula: Numerals preceding the decimal refer to the number of freshwater annuli; numerals following the decimal are the numbers of marine annuli. Total age is the sum of these two numbers plus one.

and associated standard error of the total commercial catch by district and gear type (or escapement by system) was calculated by weighting the estimated sample age distribution and its standard error each sampling period by the total commercial catch (or escapement) during the same sample period.

Mean lengths, their standard errors, and 95% confidence intervals were calculated by sex and age class for each sample period from each fishery and escapement. If no consistent differences were observed in lengths between periods, unweighted mean lengths and standard errors were presented.

The mean and variance of the migratory time density functions of sockeye salmon observed passing through weirs were calculated by standard statistical methods (Mundy 1979). All data analyses were performed on a Vector Graphics microcomputer.

RESULTS AND DISCUSSION

Harvest Data

Commercial catch data are presented for the purse seine, gill net, troll, and trap fisheries, and for the Canadian commercial gill net fisheries in the Taku and Stikine Rivers. Sport and subsistence catches are presented as well. Age, sex, and size data are presented for all commercial gill net, purse seine, and trap fisheries.

Numbers of Fish:

A total of 1,415,152 sockeye salmon was harvested commercially in Southeastern Alaska in 1983, representing the largest annual commercial catch of sockeye salmon in the region since 1945 and exceeding the catch in 1982 by approximately 134,000 fish. Over 66% of the catch (943,395 fish) came from southern Southeastern Alaska waters (Districts 101-108 and 152; Table 1). More than 100,000 sockeye salmon were harvested in Southeastern Alaska in each of four consecutive weeks, from 17 July through 13 August. Catches peaked during the week of 24-30 July, when 306,311 fish were taken. The largest catch of any district was in 104, where a total of 651,660 sockeye salmon was taken almost exclusively by the purse seine fleet. Large catches were also taken in District 115 (369,482 fish) and District 101 (216,957 fish, including catches made on the Annette Island Fishery Reserve).

Purse Seine Catch. Purse seine fisheries, including the District 101 Annette Island Fishery Reserve purse seine catch, harvested 794,300 or 56% of the sockeye salmon taken in the region (Table 2). The vast majority (82%) of the catch was made in District 104 (650,870 fish). This catch was the highest ever recorded. Peak catches in District 104 were made during the week of 24-30 July, when 179,687 fish were taken. Over 100,000 fish were taken each of the two following statistical weeks as well. The District 104 seine catch developed later than it has in recent years, with about 46% of the fish being taken in August in comparison to the 1973-1982 average of 13% (ADF&G 1984). This fishery harvests extremely mixed stocks of sockeye salmon bound for both Alaska and Canada. Scale pattern analysis (Oliver et al. in prep.) and tagging results (Hoffman et al. in prep.) indicate that a large proportion of the 1983 harvest in District 104 was destined for Canadian spawning systems.

Table 2. Total purse seine harvest of sockeye salmon in Southeastern Alaska, by district and date, 1983.

Inclusive Dates	Statistical Week	Districts													
		101	101[1]	102	103	104	105	106	107	109	110	112	113	114	Total
July 3-July 9	28	-	14	-	-	44,249	-	-	-	-	-	-	-	-	44,263
July 10-July 16	29	4,879		18	-	63,137	-	-	-	-	-	577	-	-	68,611
July 17-July 23	30	7,977	873	2,587	-	64,711	-	-	-	-	-	8,236	18,724	340	103,448
July 24-July 30	31	11,341	2,973	1,721	-	179,687	-	-	-	603	801	9,228	2,588	1,958	210,900
July 31-August 6	32	8,563	1,127	1,014	20	134,644	-	0	-	18	309	2,765	6,127	38	154,625
August 7-August 13	33	6,842	683	358	6,017	113,581	85	1,316	1,061	28	-	3,952	5,052	-	138,975
August 14-August 20	34	4,036	358	2,532	2,582	33,075	40	832	143	11	-	821	1,436	-	45,866
August 21-August 27	35	3,011	101	1,989	1,652	17,723	272	-	20	35	-	361	9	-	25,173
August 28-Sept.3	36	1,263	19	868	118	-	-	-	15	35	-	-	0	-	2,318
Sept.4-Sept.10	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sept.11-Sept.17	38	-	-	36	-	-	-	-	-	-	-	-	-	85	121
Total		47,912	6,148	11,123	10,389	650,807	397	2,148	1,239	730	1,110	25,940	33,936	2,421	794,300

[1] Purse seine catch on the Annette Island Fishery Reserve in District 101, Subdistricts 24, 26, 28, and 42.

The District 101 purse seine harvest was 47,912 sockeye salmon. Catches peaked during the week of 24-30 July. A total of 6,148 sockeye salmon was also taken with purse seines in District 101 on the Annette Island Fishery Reserve, in Subdistricts 24, 26, 28, and 42.

A total of 33,936 sockeye salmon was taken in District 113. This district is very large and contains a great diversity of fishing areas on the outer coast and several large straits leading inland. The catch was distributed widely among subdistricts. More fish, 15,736, were taken in a 1-day opening at Necker Bay (113-34) than in any other subdistrict in District 113 throughout the season.

The District 112 (Chatham Strait) purse seine fishery harvested 25,940 sockeye salmon incidental to the harvest of pink salmon *(O. gorbuscha)*. As in 1982 only the western shore of Chatham Strait was open to fishing during most of the month of July, a management strategy designed to minimize the interception of sockeye salmon destined for spawning areas in Districts 111 and 115 (ADF&G 1984). During the last week of July portions of the eastern shore of Chatham Strait were opened to fishing and remained open for the remainder of the season. A distinct shift in age composition of the harvest was noted (see Appendix Table 11), as it was in 1982 (McGregor 1983), when the eastern Chatham Strait shoreline was opened. The appearance of large numbers of zero freshwater annuli sockeye salmon, seen elsewhere in Southeastern Alaska waters in large numbers only in the District 111 and 115 catches and the Taku and Chilkat River escapements, indicated the presence of fish bound for Districts 111 and 115 along the eastern shore of Chatham Strait.

Small numbers of sockeye salmon were incidentally harvested in purse seine fisheries targeting on pink salmon in Districts 102, 103, 105, 106, 107, 109, 110, and 114.

Gill Net Catch. Gill net fisheries, including the District 101 Annette Island Fishery Reserve gill net fishery, harvested 607,986 or 43% of the sockeye salmon taken commercially in the region (Table 3). The largest gill net harvest was made in District 115, where the catch of 369,311 sockeye salmon was the highest since statehood. Sockeye salmon harvested in this district originate primarily from Chilkat and Chilkoot Lakes, both of which experienced very strong returns in 1983. Low catches prevailed in District 115 until the third week of July, partly as a result of fishing area restrictions designed to protect early-run Chilkat Lake sockeye returns, when over 27,000 sockeye salmon were taken. Catches peaked during the next 3 weeks, ranging from 58,678 to 61,560 fish. Catches remained high until the first week of September, after which time they dropped off sharply.

A total of 136,006 sockeye salmon was taken in the District 101 gill net fishery (Table 3). Additionally, a total of 21,922 fish were harvested in the district in the Annette Island Fishery Reserve in Subdistricts 24, 26, 28, and 42. The District 101 gill net fisheries target on mixed stocks from both Alaska and Canada. In 1983 management regulatory decisions affected weekly catch drastically. A first peak in the catch occurred at the beginning of the season in mid-June. Fishing time was curtailed in early July to allow increased passage of sockeye salmon to spawning areas. Weekly fishing time was extended again beginning the week of 17-23 July and catches increased substantially, remaining fairly stable until mid-August.

Table 3. Total gill net harvest of sockeye salmon in Southeastern Alaska, by district and date, 1983.

Inclusive Dates	Statistical Week	Districts						
		101	101[1]	106	108	111	115	Total
June 12-June 18	25	-	439	-	-	-	-	439
June 19-June 25	26	16,591	2,260	5,353	-	2,369	2,448	29,021
June 26-July 2	27	14,063	4,450	7,061	-	3,487	4,697	33,758
July 3-July 9	28	4,431	2,212	6,082	-	5,774	9,779	28,278
July 10-July 16	29	8,961	2,881	4,257	-	2,111	8,401	26,611
July 17-July 23	30	25,392	1,535	12,393	-	889	27,420	67,629
July 24-July 30	31	17,212	3,010	7,962	-	6,503	58,678	93,365
July 31-August 6	32	22,419	2,715	1,405	-	5,800	59,176	91,515
August 7-August 13	33	18,641	1,010	2,529	-	2,296	60,560	85,036
August 14-August 20	34	4,504	751	986	78	858	34,507	41,684
August 21-August 27	35	1,967	343	613	30	634	49,182	52,769
August 28-Sept. 3	36	883	296	237	41	644	41,509	43,610
Sept. 4-Sept. 10	37	757	0	48	21	209	10,338	11,373
Sept. 11-Sept. 17	38	166	11	15	4	12	1,519	1,727
Sept. 18-Sept. 24	39	19	9	0	4	41	575	648
Sept. 25-Oct. 1	40	-	-	1	-	-	485	486
Oct. 2-Oct. 8	41	-	-	-	-	-	35	35
Oct. 9-Oct. 15	42	-	-	-	-	-	2	2
Total		136,006	21,922	48,942	178	31,627	369,311	607,986

[1] Gill net catch on the Annette Island Fishery Reserve in District 101, Subdistricts 24, 26, 28, and 42.

The District 106 gill net harvest totaled 48,942 sockeye salmon, only 25% of the harvest realized in 1982. Fishing time was restricted to prevent overharvesting of weak returns expected to the Stikine River. Catches peaked during the week of 17-23 July, when 12,393 fish were taken.

The District 111 gill net fishery harvested 31,627 sockeye salmon, the lowest catch since 1968. The fishery harvests sockeye salmon primarily bound for Canadian spawning sites in the Taku River drainage and Alaskan sites in the Speel and Whiting River drainages. A variety of fishing area closures and fishing time restrictions were employed to attempt to minimize overharvesting the apparent poor returns to the Taku River drainage. These restrictions to a large degree caused the bimodality exhibited in the District 111 catches. A first peak in catches occurred the week of 3-9 July, followed by a second peak the week of 24-30 July. Results of scale pattern analysis of the District 111 catch (McGregor in prep.) indicate that 75% of the District 111 catch was bound for the Taku River drainage. Snettisham sockeye salmon stocks (Crescent and Speel Lakes) were migrating through the District 111 fishery from early July through early September and were exploited by the fishery at an estimated rate of 20%.

The District 108 gill net harvest was only 178 sockeye salmon. The district was closed to fishing the first 8 weeks of the season to protect the anticipated low returns of sockeye salmon to the Stikine River.

Troll Catch. The troll fishery harvested only small numbers of sockeye salmon. A total of 8,012 fish was taken (Table 4).

Trap Catch. A total of 4,854 sockeye salmon was taken with floating fish traps in the Annette Island Fishery Reserve in District 101 (Subdistrict 28; Table 5). Fishing was permitted a total of 31 days, on an every other day basis beginning 4 July and extending through 2 September.

Canadian Transboundary River Catch. Gill net fisheries in the Canadian portions of the Stikine and Taku Rivers harvested additional sockeye salmon in 1983. A total of 15,857 sockeye salmon was commercially harvested in the lower Stikine River, while 614 sockeye salmon were taken in a subsistence fishery on the upper Stikine River and 17,056 sockeye salmon were harvested by the Canadians in the Taku River (Table 6).

Sport Catch. The sport catch of sockeye salmon was estima ed to be 4,222 fish (Table 7). Highest catches were reported near major sockeye salmon spawning systems. Sport fish harvest information was available only by regional area, not by district.

Subsistence Catch. Only preliminary data is available regarding the subsistence harvest of sockeye salmon in Southeastern Alaska. The total reported subsistence harvest in 1983 was 15,680 fish (Table 8). The actual subsistence harvest was higher since many of the subsistence permits were not returned to ADF&G.

Age, Sex, and Size Data:

Information on the age, sex, and size composition of sockeye salmon harvested in Southeastern Alaska commercial fisheries is presented by district, and, where possible, by sample period.

Table 4. Total troll harvest of sockeye salmon in Southeastern Alaska, by district and date, 1983.

Inclusive Dates	Statistical Weeks	Districts																						
		101	102	103	104	105	106	107	108	109	110	112	113	114	115	116	152	154	157	181	182	183	189	Total
April 10-April 16	16					1																		1
April 17-April 23	17																							0
April 24-April 30	18																							0
May 1-May 7	19																							0
May 8-May 14	20																							0
May 15-May 21	21												1			1								2
May 22-May 28	22				2								5											7
May 29-June 4	23												9	10		1								20
June 5-June 11	24				2							5	11	2		3			1					24
June 12-June 18	25																							0
June 19-June 25	26																				44			44
June 26-July 2	27	1	2	3	27		1			2			48	103										187
July 3-July 9	28	6	11	2	88	9	19	2		9	2	5	597	575		54		4	3				3	1,389
July 10-July 16	29	13	6	7	106	9	35	1		21		8	313	254		45	1	6	6	6		13	16	866
July 17-July 23	30	29	25	10	124	27	26			15		11	644	445		78		9	7			3		1,453
July 24-July 30	31	23	22	17	185	40	12		2	33	1	1	653	289		110								1,388
July 31-August 6	32	18	21	14	103	17	7			10	1	1	424	81		183			13	1			2	896
August 7-August 13	33												16											16
August 14-August 20	34	1	3	1	191	1	3			40		5	59	131	165	72								672
August 21-August 27	35	8			16		1			5	1	11	240	150		273				2				707
August 28-Sept.3	36	4		1	9	2				1		7	16	60	4	60								164
Sept.4-Sept.10	37	6	1										3	52		14								76
Sept.11-Sept.17	38	3										1	8	16	2	44								74
Sept.18-Sept.24	39	3											4			19								26
Total		115	91	55	853	106	104	3	2	136	5	55	3,051	2,168	171	957	1	19	30	9	44	16	21	8,012

Table 5. Total trap harvest of sockeye salmon in Southeastern Alaska, by date, 1983.

Inclusive Dates	Statistical Week	District 101-28
July 3-July 9	28	779
July 10-July 16	29	1,195
July 17-July 23	30	979
July 24-July 30	31	658
July 31-August 6	32	447
August 7-August 13	33	347
August 14-August 20	34	194
August 21-August 27	35	168
August 28-Sept.3	36	87
Total		4,854

Table 6. Canadian harvest of sockeye salmon from transboundary rivers, by date and location, 1983.

Inclusive Dates	Statistical Week	Lower Stikine[1]			Upper Stikine[2]			Taku[3]		
		Catch	Days Fished	Boats	Catch	Days Fished	Fishermen	Catch	Days Fished	Boats
June 12-June 18	25	45	2	7	3	1	1	208	2	3
June 19-June 25	26	179	2	7	1	1	2	305	2	4
June 26-July 2	27	1,060	3	9	0	1	0	811	2	7
July 3-July 9	28	2,240	4	9	204	1	1	645	2	7
July 10-July 16	29	2,912	4	10	242	1	3	2,390	4	7
July 17-July 23	30	1,919	4	9	150	1	1	1,929	4	5
July 24-July 30	31	3,312	4	9	14	1	1	3,130	4	11
July 31-August 6	32	2,315	4	9	0	1	0	4,112	4	11
August 7-August 13	33	1,312	3	8	-	-	-	1,373	4	8
August 14-August 20	34	235	2	8	-	-	-	473	4	7
August 21-August 27	35	95	1	8	-	-	-	1,026	4	6
August 28-Sept.3	36	146	3	8	-	-	-	410	4	6
Sept.4- Sept. 10	37	78	3	8	-	-	-	127	4	6
Sept.11-Sept.17	38	3	5	8	-	-	-	83	4	7
Sept.18-Sept.24	39	5	4	8	-	-	-	33	4	6
Sept.25-Oct.1	40	0	3	9	-	-	-	1	4	4
Oct.2-Oct.8	41	1	3	8	-	-	-	0	4	2
Oct.9-Oct.15	42	-	-	-	-	-	-	0	4	1
Total		15,857	54		614	8		17,056	64	

[1] Commercial gillnet fishery.

[2] Subsistence fishery.

[3] Commercial gillnet fishery.

Table 7. Total estimated sport fish harvest of sockeye salmon in Southeastern Alaska by area, 1983.

Area	Catch
Ketchikan	314
Prince of Wales Island	2,040
Petersburg-Wrangell	428
Juneau	604
Sitka	382
Haines	1,413
Glacier Bay	41
Total	4,222

Table 8. Total reported subsistence harvest of sockeye salmon in Southeastern Alaska, 1983[1].

Location Code	System	Numbers Reported
101-30-075	Hugh Smith	202
101-80-068	McDonald	10
District 101 Total		212
102-30-067	Kegan	118
102-60-087	Karta	1,911
District 102 Total		2,029
103-25-020	Hetta/Eek	596
103-60-047	Klawock	1,736
103-90-014	Sarkar	150
District 103 Total		2,482
District 104 Total		40
105-43-002	Shipley Bay	283
District 105 Total		283
106-30/41	Test Fishery	127
106-30-051	Hatchery Cr. (Sweetwater)	32
106-41-010	Salmon Bay	116
District 106 Total		275
107-30-030	Thom's Creek	133
107-40-007	Mill Creek	69
District 107 Total		
109-20	Gut Bay	368
109-20	Falls Lake	96
109-52-030	Bay of Pillars	207
District 109 Total		671
District 112 Total		1,985
113-13	Redfish Bay	255
113-22	Politofski	147
113-34	Necker Bay	616
113-41	Redoubt Bay	36
113-41	Salmon Lake	239
113-59	Sitkoh Bay	1,767
113-61	Leo's Anchorage	10
113-72	Klag Bay	303
113-72	Lake Anna	94
113-73	Ford Arm	238
113-	Surge Bay	50
District 113 Total		3,755
115-32-025	Chilkat River	3,282
115-33	Chilkoot Inlet	464
District 115 Total		3,746
Total Southeastern		15,680

[1] These numbers are taken from subsistence permits returned to ADF&G. The actual subsistence harvest was undoubtedly higher than these totals.

Purse Seine. Five-year-old (1978 brood year) sockeye salmon were the dominant age group caught in the purse seine fisheries in all districts except Districts 105, 106, and 107, in which 4-year-old fish predominated (Table 9). Age 1.3 sockeye salmon were the most common age class in most districts, although age 1.2 fish were more common in Districts 102, 105, 106, 107, and 109. The Necker Bay (113-34) catches exhibited a very distinctive age composition, as was the case in 1982, with age 2.2 fish predominating (75.9%). Age composition data by sex and period for each purse seine fishery are listed in Appendix Tables 1-13.

Distinct shifts in age composition were apparent in the three districts for which data could be stratified by sample period. The proportion of 4-year-old fish significantly increased, while the proportion of 5-year-old fish decreased through the fishing season in purse seine catches from Districts 101, 104, and 112 (see Appendix Tables 1, 5, and 11).

Mean lengths by sex and age class of sockeye salmon caught in Alaskan commercial purse seine fisheries are listed in Table 10. No obvious trends in average length data were apparent between districts, with the exception of Necker Bay sockeye salmon which were much smaller for a given age than fish from all other areas. Average lengths of females were generally smaller than those for males within specific age classes. Significant differences in length between sample periods existed in Districts 104 and 112. The size of all age classes in the District 104 catch increased during the season, likely a result of the passage of different stocks of fish through the fishery. This same general trend was apparent, especially for males, in District 112.

Gill Net. Similar to the purse seine fishery, 5-year-old (1978 brood year) sockeye salmon were the dominant age group caught in the gill net fisheries (Table 11). The average age of the sockeye salmon harvest in the gill net fisheries in Southeastern Alaska was generally older and ages were less variable than the ages of fish harvested in the purse seine fisheries. Age 1.3 sockeye salmon were the dominant age class, representing from a minimum of 41.3% of the District 101 catch to a maximum of 78.7% of the Canadian gillnet catch on the Stikine River. (Too few fish were sampled in District 108 to yield a reasonably accurate age composition estimate for comparative purposes.) Fish with no freshwater annuli (ages 0.2 and 0.3) were common only in the District 111 catch (6.4%) and the Canadian harvest from the Taku River (10.3%). Sockeye salmon that spent 2 years in freshwater prior to migrating to sea (ages 2.2 and 2.3) were far more common in the District 101 catch (44.8%), the Annette Island Reserve harvest in District 101 (42.1%), and in the District 115 catch (40.8%) than in other districts. Four-year-old (primarily age 1.2) fish represented between 13% and 22% of the catches in all districts except District 115, where this age group represented less than 4% of the catch. Age composition data by sex and period for each gill net fishery are listed in Appendix Tables 14-21.

Distinct shifts in age composition were apparent in five of the six gill net areas for which data could be stratified by sample period. In general, age 1.3 fish represented a lesser proportion of the catches as the season progressed (except in District 106). Age 1.2 fish became more common later in the season in most districts, as did age 2.2 and 2.3 fish. Fish with zero freshwater checks increased during the season in District 111 and the Canadian Taku River harvests.

Table 9. Summary table of the percentage age composition of sockeye salmon in the commercial purse seine harvest in Southeastern Alaska, by district, 1983.

			Brood Year and Age Class[1]												
			1980		1979			1978			1977			1976	
District	Sample Size	Total Catch	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
101	1,847	47,912		0.1	0.4	35.7	0.5		45.3	9.7	0.2	8.0	0.1		0.0+
101 (Annette Is.)	304	6,148		0.3		25.0	0.3		50.3	13.2	0.7	10.2			
102	749	11,123	0.1	0.7		42.7	0.4		38.7	8.4	0.4	8.6			
103	555	10,389		0.2	0.5	41.8	0.2		41.8	11.7		3.8			
104	6,566	650,807	0.1	0.5	0.2	39.6	0.1	0.0+	45.8	8.2	0.0+	5.4	0.0+		
105[2]	527	387	0.2	4.2	0.2	45.4	1.3		37.2	7.6		4.0			
106	384	2,148	0.3	10.9	0.3	39.6	3.9		27.1	14.0		3.9			
107	129	1,239	0.8	7.0	0.8	51.9	2.3		27.1	7.8		2.3			
109	528	730	0.2	3.4	1.4	40.4	0.6		28.3	17.9		7.2			0.6
110	292	1,110	0.3	0.7	2.1	26.7	1.7		39.0	16.1		13.0	0.3		
112	2,262	25,940	0.4	0.0+	9.2	26.7	0.1		47.8	11.4		4.5	0.0+		
113-34	348	15,736							20.4	75.9			3.7		
114	417	2,421	0.5		8.4	26.4			49.6	10.3	0.2	4.6			

[1] European formula: Numerals preceding the decimal refer to the number of freshwater annuli; numerals following the decimal are the numbers of marine annuli. Total age is the sum of these two numbers plus one.

[2] More fish were sampled from this district than were recorded on fish tickets.

Table 10. Mean length, standard error, ± 95% confidence interval by district, sex, and age class of sockeye salmon from purse seine harvests in Southeastern Alaska, 1983.

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
District			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
101	Males	x		555	488	511	432		588	548	623	597	480		
		S.E.			46.9	2.9	11.0		20	5.7	17.5	4.3			
		95% C.I.			202	6	35		4	11	222	9			
		N		1	3	212	4		266	60	2	64	1		
	Females	x		363	565	510	361		578	549	595	587	490		
		S.E.		12.5		1.8	13.9		1.5	3.5	15.0	4.0			
		95% C.I.		159		4	44		3	7	191	8			
		N		2	1	358	4		361	94	2	60	1		
101-Annette Island															
	Males	x				529	340		557	529	536	613			
		S.E.				10.6			7.9	13.0		10.5			
		95% C.I.				23			17	41		26			
		N				13	1		20	4	1	7			
	Females	x		335		524			584	567	635	602			
		S.E.				6.7			4.7	9.8		9.3			
		95% C.I.				14			10	21		20			
		N		1		31			45	13	1	15			
102	Males	x		335		514	390		566	535		603			
		S.E.				4.2			2.7	9.1		5.6			
		95% C.I.				8			5	19		12			
		N		1		111	1		109	29		29			
	Females	x	535	366		508	415		574	528	605	576			
		S.E.		9.4		2.5	30.0		2.6	7.7	15.3	4.9			
		95% C.I.		30		5	381		5	16	66	10			
		N	1	4		208	2		181	34	3	35			
103	Males	x		390	545	512	420		569	533		574			
		S.E.				4.1			3.9	6.7		9.5			
		95% C.I.				8			8	14		21			
		N		1	1	64	1		104	31		10			
	Females	x			528	519			556	516		563			
		S.E.			27.5	3.2			3.0	6.1		13.5			
		95% C.I.			350	6			6	12		30			
		N			2	148			128	34		11			

-Continued-

Table 10. Mean length, standard error, ± 95% confidence interval by district, sex, and age class of sockeye salmon from purse seine harvests in Southeastern Alaska, 1983 (continued).

District		Brood Year and Age Class												
		1980		1979			1978			1977			1976	
		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
104-Period 1														
Sexes Combined	x				504		658	580	542		591			
	S.E.				3.4			1.7	4.0		3.7			
	95% C.I.				7			3	8		7			
	N				138		1	264	62		56			
Period 2														
Sexes Combined	x	485	350	569	506	380		580	546	555	589			
	S.E.	36.0		36.0	2.9			1.6	5.6		5.6			
	95% C.I.	458		155	6			3	11		11			
	N	2	1	3	284	1		472	57	1	58			
Period 3														
Sexes Combined	x	539	396	455	508	360		574	546		592			
	S.E.	21.2	29.4		2.1			1.1	4.0		4.8			
	95% C.I.	91	69		4			2	8		10			
	N	3	8	1	423	1		798	93		47			
Period 4														
Sexes Combined	x	525		553	520			582	545		593			
	S.E.			20.5	2.5			1.3	5.8		4.5			
	95% C.I.			88	5			3	12		9			
	N	1		3	236			496	73		62			
Period 5														
Sexes Combined	x		250	566	528	401		588	560	532	603			
	S.E.			15.5	1.8	7.5		1.9	4.8		7.1			
	95% C.I.			197	3	96		3	10		14			
	N		1	2	367	2		321	63	1	29			
Period 6														
Sexes Combined	x	556	362	584	531	386		591	560		597			
	S.E.		4.3		1.6	0.0		2.0	4.2		5.5			
	95% C.I.		9		3	0		4	8		11			
	N	1	15	1	468	2		246	75		39			
Period 7														
Sexes Combined	x	528	378	620	540	406		594	548		607	580		
	S.E.		18.8		2.2			2.7	6.3		13.4			
	95% C.I.		41		4			59	13		30			
	N	1	12	1	373	1		156	19		10	1		
Period 8														
Sexes Combined	x		361		535	395		595	556		612			
	S.E.		25.8		1.8			2.4	5.2		8.5			
	95% C.I.		72		4			5	10		16			
	N		5		370	1		221	47		19			
Combined Periods (unweighted)														
Sexes Combined	x	524	370	565	524	369	658	582	550	544	595	580		
	S.E.	13.4	6.8	16.1	0.8	5.4		0.6	1.8	11.5	2.0			
	95% C.I.	32	18	36	2	13		1	3	146	4			
	N	8	42	11	2,659	8	1	2,974	509	2	322	1		

-Continued-

Table 10. Mean length, standard error, ± 95% confidence interval by district, sex, and age class of sockeye salmon from purse seine harvests in Southeastern Alaska, 1983 (continued).

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
District			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
105	Males	x		349		529	405		593	544		590			
		S.E.		7.3		3.6	9.5		4.3	26.1		21.4			
		95% C.I.		16		7	26		9	26		49			
		N		16		122	5		81	16		9			
	Females	x	535	337	598	526	390		580	502		592			
		S.E.		17.9		3.1	25.0		3.0	12.0		14.5			
		95% C.I.		57		6	316		6	25		32			
		N	1	4	1	117	2		115	23		12			
106	Males	x		359	676	506	401		588	524		594			
		S.E.		9.3		5.5	14.2		5.2	10.4		14.5			
		95% C.I.		21		11	41		10	22		34			
		N		9	1	63	5		50	19		9			
	Females	x	505	364		492	381		566	530		561			
		S.E.		3.9		4.0	5.9		6.0	7.5		14.7			
		95% C.I.		8		8	13		12	15		38			
		N	1	33		89	10		52	35		6			
107	Males	x	420	368		481	385		594	521					
		S.E.		13.3		7.2			8.8	21.8					
		95% C.I.		37		15			19	53					
		N	1	5		45	1		16	7					
	Females	x		346	530	487	373		576	530		615			
		S.E.		7.2		11.2	17.5		6.2	7.6		22.9			
		95% C.I.		23		23	222		13	33		99			
		N		4	1	22	2		19	3		3			
109	Males	x	443	425	592	502	349		564	511		572			630
		S.E.		42.7	20.0	4.5			3.6	6.0		10.5			
		95% C.I.		110	86	9			7	12		22			
		N	1	6	3	87	1		88	44		18			1
	Females	x		373	572	494	361		550	509		549			478
		S.E.		24.4	6.1	4.0	5.0		4.6	5.4		13.4			26.5
		95% C.I.		54	19	8	64		5	11		28			337
		N		12	4	126	2		61	50		20			2
110	Males	x	460	327	581	478			585	543		605			
		S.E.				5.8			5.7	13.5		7.3			
		95% C.I.				12			11	31		17			
		N	1	1	1	43			41	10		10			
	Females	x		345	564	493	390		571	524		590	495		
		S.E.			16.0	6.2	17.9		3.6	4.8		4.0			
		95% C.I.			45	13	50		7	10		8			
		N		1	5	35	5		73	37		28	1		

-Continued-

Table 10. Mean length, standard error, ± 95% confidence interval by district, sex, and age class of sockeye salmon from purse seine harvests in Southeastern Alaska, 1983 (continued).

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
District			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
112- Period 1															
	Males	x			545	493			553	494		582			
		S.E.			13.1	1.9			1.3	15.9		7.2			
		95% C.I.			34	4			3	37		16			
		N			6	168			406	9		15			
	Females	x	476		550	490			543	517		556	534		
		S.E.			11.4	1.7			1.4	11.3		10.8			
		95% C.I.			27	3			3	27		24			
		N	1		6	139			267	6		11	1		
	Period 2														
	Males	x	502	354	575	498			580	537		597			
		S.E.	16.5		5.2	3.5			2.6	5.1		7.5			
		95% C.I.	59		10	7			5	10		16			
		N	4	1	39	106			191	50		15			
	Females	x			549	495			562	533		589			
		S.E.			5.4	3.3			2.1	4.5		6.2			
		95% C.I.			11	7			4	9		13			
		N			36	94			147	51		22			
	Period 3														
	Males	x	516		567	508	394		589	542		621			
		S.E.	62.5		3.3	4.7			4.1	6.5		4.9			
		95% C.I.	1,049		7	9			8	13		11			
		N	2		36	56	1		75	27		10			
	Females	x			533	494			568	530		576			
		S.E.			5.1	4.6			3.3	4.1		12.3			
		95% C.I.			10	9			7	6		27			
		N			40	52			65	47		13			
	Combined Periods (unweighted)														
	Males	x	507	354	569	497	394		565	534		597			
		S.E.	24.5		3.1	1.7			1.3	4.2		4.7			
		95% C.I.	63		6	3			3	8		9			
		N	6	1	61	330	1		672	86		40			
	Females	x			541	492			552	530		578	534		
		S.E.			3.6	1.6			1.2	2.9		5.5			
		95% C.I.			7	3			2	6		11			
		N			84	285			479	106		46	1		
113-34	Sexes Combined	x				429				432			430		
		S.E.				2.4				1.3			5.3		
		95% C.I.				5				3			12		
		N				71				264			13		
114	Males	x			567	494			556	523	634	570			
		S.E.			4.7	4.9			3.1	9.1		8.5			
		95% C.I.			10	10			6	19		19			
		N			14	62			103	16	1	12			
	Females	x			557	495			557	525		571			
		S.E.			5.8	4.0			2.7	7.3		6.2			
		95% C.I.			12	8			5	15		16			
		N			20	46			96	23		6			

Table 11. Summary table of the percentage age composition of sockeye salmon in the commercial gill net harvest in Southeastern Alaska and transboundary rivers, by district, 1983.

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
District	Sample Size	Total Catch	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
101	5,649	136,006	0.0+	0.0+	0.4	13.1			41.3	25.9	0.2	18.9	0.1		
101 (Annette Is.)	662	21,922	0.2		1.1	13.4			42.8	21.3	0.2	20.8		0.2	
106	5,272	48,942	0.1	0.1	0.4	16.0			63.1	9.3	0.4	10.6		0.0+	
108	11	187				18.2			27.3			54.5			
108 (Stikine R.)	2,035	15,857	0.7		1.1	12.1		0.1	78.7	1.8	0.2	5.3			
111	5,168	31,627	0.2		6.4	7.6	0.0+	0.1	68.8	5.7	0.3	10.9		0.0+	0.0+
111 (Taku R.)	1,626	17,056	0.5		10.3	11.9			64.9	6.3	0.1	6.0			0.0+
115	10,575	369,311	0.0+	0.0+	1.1	2.7		0.0+	55.1	7.2	0.2	33.6	0.1	0.0+	0.0+

Mean lengths by sex and age class of sockeye salmon caught in Alaskan commercial gill net fisheries are listed in Table 12. No obvious trends in average length data were apparent either between districts, or within districts throughout the fishing season. Average lengths of females were smaller than those of males within specific age classes, as was the case with purse seine catches.

Trap. The age composition of the trap catch was similar to that for the District 101 purse seine and gill net catches made in the Annette Island Fishery Reserve (Table 13). Five-year-old sockeye salmon were most common in the trap (age groups, 1.3 and 2.2's combined - 56.3%), but 4-year-old fish were also common (31.7%). Mean fish length for the trap catch is presented in Table 14.

Escapement Data

Approximately 119 systems are known to produce sockeye salmon in Southeastern Alaska. Abundance indices and weir counts are presented for escapements in the region and all available age, sex, and size composition data are summarized below. Run timing of sockeye salmon through weirs in the region is also presented.

Abundance Estimates:

Escapement counts and indices of abundance (for systems in which 25 or more fish were observed) of sockeye salmon in lakes and rivers in Southeastern Alaska and the Canadian headwaters of the Taku and Stikine Rivers are listed in Table 15. Chilkat and Chilkoot Lakes recorded the highest escapements of the weired systems; 134,207 and 80,343 sockeye salmon, respectively. A total of 56,147 sockeye salmon returned to McDonald Lake. Between 10,000 and 23,000 sockeye salmon were counted through the Hugh Smith Lake, Karta River, Salmon Bay Lake, Tahltan Lake, Speel Lake, and Crescent Lake weirs. From 1,000 to 9,000 sockeye salmon passed through weirs at the Naha River, Kegan Lake, Klakas Lake, Warmchuck Lake, Sarkar Lake, Falls Lake, Little Trapper Lake, Auke Creek, and Redoubt Lake. Fewer than 1,000 fish were counted through the Tamgass Creek, Klawock River, and Salmon Lake weirs.

Indices of escapement abundance were provided for many sockeye salmon systems in the region using peak aerial, foot, and boat surveys and tagging estimates. The survey data must be used cautiously because the proportion of the total run observed within each system was unknown and varied between systems as well.

Age, Sex, and Size Composition:

The 1978 brood year (primarily age 1.3 fish) predominated in most of the 54 escapement collections (Table 16). Contribution of other brood years to escapements were, however, very important for some systems in the region. The 1979 brood year was the second most important in Southeastern Alaska escapements. Age 1.2 fish predominated in escapements to the Sarkar, Galea, Luck, Petersburg, Little Trapper, Crescent, and Sitkoh Lake systems. Age 1.1 (1980 brood year) was the most common age class in Fillmore Lake (39.0%). Significant proportions of the Ford Arm escapement (27.6%) as well as the Stikine River fishwheel collections (28.6%) were age 1.1. The fishwheels used on the Stikine and Taku Rivers were highly selective for small fish; escapement age composition estimates made with this gear type are thus heavily biased toward young fish.

Table 12. Mean length, standard error, ± 95% confidence interval by district, sex, and age class of sockeye salmon runs from gill net harvests in Southeastern Alaska and transboundary rivers, 1983.

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
District			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
101	Males	x	488	345	605	529			587	567	597	604	585		
		S.E.	37.5			2.2			1.0	1.5	6.2	1.8			
		95% C.I.	477			4			2	3	15	4			
		N	2	1	1	287			836	394	8	396	1		
	Females	x			567	530			574	558	593	585	576		
		S.E.			1.0	1.7			0.7	0.9	7.8	1.5	24.5		
		95% C.I.			4	3			1	2	20	3	311		
		N			3	336			1,297	745	6	493	2		
101-Metlakatla															
	Sexes Combined	x	567		572	541			597	564	673	605		610	
		S.E.			9.8	3.6			1.7	2.0		2.4			
		95% C.I.			24	7			3	4		5			
		N	1		7	89			283	141	1	138		1	
106	Males	x		306	584	533			586	549	613	599		615	
		S.E.		14.4	11.1	1.6			0.9	3.1	3.0	2.0			
		95% C.I.		61.9	25	3			2	6	8	4			
		N		3	11	423			1,359	207	6	291		1	
	Females	x		345	566	524			575	551	598	582			
		S.E.		10.0	4.5	2.5			0.8	2.3	6.2	3.2			
		95% C.I.		26	11	5			2	5	14	6			
		N		6	7	408			1,483	236	10	218			
108	Males	x				541			600			610			
		S.E.										0.4			
		95% C.I.										2			
		N				1			1			3			
	Females	x							606			603			
		S.E.							24.5			4.4			
		95% C.I.							311			19			
		N							2			3			
108 (Stikine River)															
	Males	x	456		581	468			591	523	602	591			
		S.E.	12.3		3.3	2.9			0.9	7.8	13.0	4.3			
		95% C.I.	27		8	6			2	17	56	9			
		N	11		8	146			767	14	3	43			
	Females	x	530		576	511		620	574	506		577			
		S.E.			7.2	3.7			0.7	6.5		2.4			
		95% C.I.			16	7			1	14		5			
		N	1		12	59		1	876	16		76			

-Continued-

Table 12. Mean length, standard error, ± 95% confidence interval by district, sex, and age class of sockeye salmon from gill net harvests in Southeastern Alaska and transboundary rivers, 1983 (continued).

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
District			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
111	Males	x	468		589	485	340	645	593	542	625	598			
		S.E.	7.2		1.9	2.3			89	2.5	4.3	1.7			
		95% C.I.	16		4	5			2	5	11	3			
		N	12		143	293	1	1	1,576	160	7	264			
	Females	x	530		571	519		597	577	533	608	578		575	600
		S.E.			1.5	2.3		17.4	0.5	2.1	6.7	1.4			10.0
		95% C.I.			3	5		75	1	4	16	3			127
		N	1		170	114		3	1,858	157	9	290		1	2
111 (Taku River)															
	Males	x	457		590	485			594	538	590	592			
		S.E.	17.8		3.1	3.8			1.2	3.0		3.5			
		95% C.I.	46		6	7			2	6		7			
		N	6		63	145			457	53	1	46			
	Females	x	550		564	523			570	525		568			555
		S.E.			1.9	4.3			0.8	3.0		2.7			
		95% C.I.			4	9			1	6		5			
		N	1		96	39			617	50		44			1
115	Males	x		346	593	512		645	593	566	602	605	574	643	
		S.E.			2.6	3.8		0.0	0.5	1.6	6.7	0.7	7.8	15.2	
		95% C.I.			5	7		0	1	3	14	2	19	66	
		N		1	57	144		2	2755	427	21	1815	7	3	
	Females	x			571	534			581	553	586	589	533	585	605
		S.E.			3.2	3.8			0.4	1.4	9.5	0.6	9.2	15.0	
		95% C.I.			7	7			1	3	23	1	29	191	
		N			62	90			3061	356	7	1758	4	2	1

Table 13. Percentage age composition of sockeye salmon in the District 101 Annette Island Reserve trap harvest in Southeastern Alaska, 1983.

		Brood Year and Age Class				
		1979		1978		1977
Sample Size	Total Catch	0.3	1.2	1.3	2.2	2.3
167	4854	0.6	31.1	37.7	18.6	12.0

Table 14. Mean length, standard error, ± 95% confidence interval by sex and age class of sockeye salmon from the District 101 Annette Island Reserve trap harvest in Southeastern Alaska, 1983.

			Brood Year and Age Class				
			1979		1978		1977
District			0.3	1.2	1.3	2.2	2.3
101-28	Males	x	608	533	583	558	616
		S.E.		9.8	9.6	13.4	6.7
		95% C.I.		21	21	32	16
		N	1	15	14	8	8
	Females	x		529	582	566	626
		S.E.		16.0	6.8	9.6	4.0
		95% C.I.		36	15	24	51
		N		10	14	7	2

Table 15. Peak escapement and weir counts for Southeastern Alaska and trans-boundary river sockeye salmon systems, 1983. Abbreviations for types of surveys are as follows: (A) aerial, (B) boat, (F) foot, (H) helicopter, (T) tagging estimate, (W) weir[1].

Stream Number	Stream Name	Count	(Method)	Date
101-11-079	Fillmore Lake Creek	366	F	August 21
101-15-079	Fish Creek-Hyder	120	F	Sept.29
101-30-075	Bugh Smith Lake Creek	10,058	W	June 1-Sept.30
101-45-016	Mahoney Lake Creek	50	A	July 25
101-45-032	Leask Lake	420	F	August 27
101-75-030	Unuk River	634	F	August 13
101-80-068	McDonald Lake(Wolverine Cr.)	56,147	W	July 9-Sept. 1
101-25-025	Tamgass Creek	922	W	June 17-Sept.30
101-90-050	Naha River	4,679	W	June 13-August 26
101-90-084	Helm Lake Creek	800	A	July 27
102-20-040	Paul Lake	1,056	F	October 5
102-30-017	Johnson Creek	1,351	F	August 13
102-30-067	Kegan Lake	8,751	W	June 20-Sept.12
102-30-089	Miller Lake Creek	2,162	F	October 5
102-60-038	Dog Salmon Creek	50	F	August 19
102-60-087	Karta River	22,532	W	June 18-Sept.12
103-15-027	Klakas Lake Creek	1,413	W	June 8-Nov.10
103-25-047	Hetta Lake	322	F	August 21
103-60-047	Klawock River	840	W	July 7-Oct.1
103-80-031	Warmchuck Lake Creek	3,395	W	June 19-Sept.29
103-90-010	Sarkar Lake	2,680	W	June 10-August 21
103-90-093	Karheen	638	F	Sept. 6
105-31-003	Kushneahin Lake Creek	170	F	Sept.9
105-42-014	Sutter Lake Creek	50	A	July 25
105-43-002	Shipley Bay Lake Creek	630	F	Oct.5
106-10-010	Trumpeter Lake (Galea)	51	F	Sept.18
106-10-034	Luck Lake Creek	5,375	F	Sept. 2-3
106-30-051	Sweetwater Lake (Hatchery Cr.)	950	F	Sept.8
106-41-010	Salmon Bay Lake Creek	14,023	W	June 12-August 26
106-41-032	Red Bay Head	2,980	F	Sept.3
106-42-010	Kah Sheets Lake Creek	837	F	August 29
106-44-060	Petersburg Lake Creek	1,706	F	August 17
107-30-030	Thoms Lake Creek	3,023	F	Sept.2
108-40-020	Andrews Creek	83	F	Sept.12
108-70-003	Iskut River (Stikine)	45	A	August 17
108-70-078	0.6 Mile N.Bronson Creek(Stikine)	50	A	August 30
108-70-079	0.8 Mile W.Verrett River(Stikine)	50	F	August 23
108-70-080	Verrett River (Stikine)	35	F	August 23
108-80-110	Tahltan Lake (Stikine)	21,256	W	July 6-Sept.7
109-20-007	Gut Bay Head	200	A	July 25
109-20-013	Falls Lake Creek	1,657	W	June 22-Oct.12
109-52-035	Kutlaku Lake Creek	1,535	F	Sept.8
		1,500	A	July 31
109-62-013	Aleck's Lake Creek	500	A	August 31
110-14-007	Farragut River	45	F	August 14

-Continued-

Table 15. Peak escapement and weir counts for Southeastern Alaska and transboundary river sockeye salmon systems, 1983. Abbreviations for types of surveys are as follows: (A) aerial, (B) boat, (F) foot, (H) helicopter, (T) tagging estimate, (W) weir[1] (continued).

Stream Number	Stream Name	Count	(Method)	Date
111-32-066	Yehring Creek (Taku)	70	A	August 29
111-32-068	Johnson Creek (Taku)	30	A	August 29
111-32-201	South Fork Slough (Taku)	950	B	August 24
111-32-220	Nakina River (Taku)	400	A	Sept.26
111-32-235	Kuthai Lake (Taku)	500	A	Sept.29
111-32-245	Little Trapper Lake Creek (Taku)	7,502	W	July 9-Sept.17
111-32-254/5/6	Tatsamenie Lake system (Taku)	1,720	A	August 29
111-32-254	Little Tatsamenie Lake (Taku)	994	W	August 28-Sept.3
111-32-255	Tatsamenie River (Taku)	700	H	August 19
		365	F	Sept.22
111-32-270	Nahlin River (Taku)	174	H	July 29
111-33-034	Speel Lake	10,484	W	July 1-Oct.29
111-35-006	Crescent Lake	19,422	W	June 20-Aug.24
111-50-006	Herbert River	239	F	July 29
111-50-042	Auke Creek	1,805	W	June 24-Oct.31
111-50-044	Lake Creek	210	F	August 31
111-50-056	Steep Creek	2,500	T	
		1,171	F	July 26
112-12-025	Kook Lake Outlet	600	A	August 12
112-12-027	Kook Creek	1,820	F	August 10
112-12-028	Cabin Creek-Kook Lake	700	A	Sept.13
112-50-010	Pavlof River	173	F	August 11
112-67-060	Kanalku Lake Creek	200	A	Sept.13
113-13-001	Redfish Bay Head	3,000	A	August 4
113-22-008	Politofski Lake	239	W	August 20-Nov.14
		700	B	August 29
113-41-032	Salmon Lake Stream	332	W	August 19-Oct.9
113-42-043	Redoubt Lake Outlet	2,525	W	June 23-Oct.2
113-59-004	Sitkoh Lake Creek	2,000	A	July 18
113-65-004	Fish Bay Creek	200	A	July 12
113-72-002	Fish Camp-Klag Bay	4,000	A	July 19
113-72-003	Lake Anna Head	400	A	July 31
		250	F	Sept.2
113-73-003	Ford Arm Lake Stream	1,005	T	
115-32-032	Chilkat Lake Outlet	134,207	W	June 22-Nov.13
115-32-045	Little Salmon River (Chilkat)	30	A	Sept.19
115-32-062	Bear Flats (Chilkat)	150	A	Sept.27
115-32-064	Kelsall River (Chilkat)	2,000	A	Sept.27
115-33-020	Chilkoot River	80,343	W	June 4-Nov.13

[1] Weir counts include fish taken for biological samples and fish found dead at the weirs.

Table 16. Summary table of the sample size and percent age composition of sockeye salmon in escapements to Southeastern Alaska and upper Taku and Stikine River tributaries in 1983.

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
Stream Number	System	Sample Size	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
101-11-079	Fillmore	146		39.0		21.2	2.1		31.5	0.7		5.5			
101-30-075	Hugh Smith	1,107		0.1	0.2	13.8	0.1		51.4	5.4	2.0	27.0			
101-45-032	Leask	58				5.2	5.2		3.5	17.2		65.5			3.4
101-80-068	McDonald	1,366			0.2	34.9	0.1		19.5	3.3		42.0			
101-90-050	Naha	1,648			0.1	28.5			55.7	9.7	0.4	5.6			0.0+
101-90-084	Helm	274		5.8		8.0	1.5		10.2	53.0		21.5			
102-30-017	Johnson	563		0.5		8.7	0.7		49.4	7.1		33.6			
102-30-067	Kegan	1,699			0.0+	7.0	0.1		50.5	16.0	0.3	26.1			
102-60-087	Karta	921				2.5			85.2	2.5	0.1	9.7			
103-15-027	Klakas	691			0.3	18.0			69.3	4.2	1.3	6.8		0.1	
103-25-047	Hetta	114		11.4		26.3			62.3						
103-80-031	Warmchuck	1,754				18.5	0.1		65.0	10.3	0.0+	6.0			
103-90-010	Sarkar	140				35.0			19.3	30.0		15.7			
105-31-003	Kushneahin	29							75.9			24.1			
106-10-010	Galea(Trumpeter)	452		0.2		52.5	0.2		36.7	5.8		4.6			
106-10-034	Luck	445	0.2	10.1		53.3	8.1		18.9	1.3		8.1			
106-41-010	Salmon Bay	527		12.0		34.1	0.6		38.9	6.8		7.6			
106-41-032	Red Bay	367		10.4		5.4	3.3		46.3	24.5		10.1			
106-42-010	Kah Sheets	194				11.9	0.5		21.6	7.2		58.8			
106-44-060	Petersburg	242	0.8	6.6		52.5	3.3		16.2	13.6		7.0			
107-30-030	Thoms	419		3.8		7.9	7.4		17.4	10.7		52.8			
108-70-003	Iskut	24		8.3		41.7			50.0						
108-70-080	Verrett	27	3.7	3.7		33.3			59.3						
108-	Stikine G/N[1]	87			2.3	11.5			78.2	1.1		6.9			
	Stikine F/W[2]	21	4.8	28.6		19.0			47.6						
108-80-110	Tahltan	1,885		0.0+		2.2			91.2	0.1	0.1	6.4			
109-20-007	Gut Bay	8		12.5					50.0			37.5			
109-20-013	Falls	727				19.4			51.0	22.9		6.2	0.6		
109-52-035	Kutlaku	458		12.9		28.4	0.4		56.1	1.3	0.2	0.7			
109-62-013	Alecks	15		6.7		33.3			53.3			6.7			
110-14-007	Farragut	22		9.1		4.5			54.6	9.1		22.7			
111-32-	Taku G/N[1]	1,297	0.1		5.3	12.3			66.7	7.8	0.2	7.6			
	Taku F/W[2]	277	1.8		7.2	36.5			42.2	6.1		5.8			0.4
111-32-201	South Fork Slough	245	4.9	1.2	27.8	20.8			44.1	0.4		0.8			
111-32-220	Nakina	11			18.2	36.4			45.4						
111-32-230	Silver Salmon	37				8.1			86.5	5.4					
111-32-235	Kuthai	486				1.7			96.5	0.8		1.0			
111-32-245	L.Trapper	639		0.9		50.9			29.0	0.9		18.3			
111-32-255	Tatsamenie	255	0.8	1.6	18.4	22.7			53.3	2.4		0.8			
111-33-034	Speel	793	0.4	1.3	0.3	24.3	0.0+		70.3	1.2	0.0+	2.2			
+11-35-006	Crescent	1,684	2.7	2.3	0.4	62.3	0.0+		20.2	3.6	0.0+	8.5			
111-50-042	Auke	76							18.5	10.5		60.5	1.3		9.2
111-50-044	Lake	56				3.6			5.4	16.1		60.6	3.6		10.7
111-50-056	Steep	484		3.3	1.2	10.8	0.2	0.4	80.5	0.6		2.9	0.2		
112-12-027	Kook	442				5.0			94.8			0.2			
112-50-010	Pavlof	76			1.3	6.6			81.6	1.3		9.2			
113-22-008	Politofski	333		0.6	0.6	3.3	0.6		67.3	10.5		15.6	0.3		1.2
113-42-043	Redoubt	894	0.2	0.1	0.4	21.2	3.4		42.4	24.4		7.0	0.7		0.2
113-59-004	Sitkoh	329		0.6		62.6			34.7	0.9		1.2			
113-72-003	Lake Anna	104		1.0		2.9	1.9		75.9	9.6		8.7			
113-73-003	Ford Arm	301		27.6	0.3	17.3	2.0		30.2	2.7		19.9			
115-32-032	Chilkat Lake	2,862		0.8		3.0	3.1		31.6	33.1	0.0+	28.1	0.2	0.0+	0.1
115-32-064	Chilkat River	150	2.0	0.7	40.0	14.0			41.3	0.7		1.3			
115-33-020	Chilkoot	1,791		0.1		12.5	0.1		60.8	1.4	0.2	24.9			

[1] Gillnet catches by Alaska Department of Fish and Game biologists for research purposes.

[2] Fishwheel catches by Alaska Department of Fish and Game biologists for research purposes.

Fish with no freshwater annuli were common in the escapements to the Taku and Chilkat Rivers. From the Taku River drainage, the South Fork Slough escapement exhibited over 32% zero freshwater fish, while the Tatsamenie Lake sample was comprised of over 19% zero freshwater fish. The mainstem Chilkat River was comprised of 42.0% zero freshwater fish.

Fish with two freshwater annuli predominated in the escapements to the Leask, Helm, Kah Sheets, Thoms, Auke, Lake, and Chilkat Lake systems. Age composition data by sex and period are listed for each sampled escapement in Appendix Tables 22-76. Samples from 14 escapements were plentiful enough to allow separation into sample periods. Age composition trends during the season varied considerably between these systems, but the proportion of fish with two freshwater annuli increased significantly in the latter portions of the returns to eight of the systems.

The use of several different methods used to collect escapement samples may introduce some bias into age composition estimates. Extremely small fish (1-ocean jacks[1]) probably pass through most weirs uncounted and unsampled, but are available to beach seining or carcass sampling on the spawning grounds. Daily sampling in proportion to abundance at weirs, however, undoubtedly provides a more accurate age composition estimate for all non-jack returns than could be obtained by occasional beach seining or carcass sampling.

Mean lengths by sex and age class of sockeye salmon escapements are listed in Table 17. No obvious trends in average length by sex and age class occurred between or within systems for which more than one sample period existed. Substantial variability existed between systems in the size by age and sex of sockeye salmon in Southeastern Alaska escapements, but was not systematically related to geographic location of the spawning systems. Factors that could be expected to contribute to this observed variability are: the selective properties of the gill net fisheries through which many of these stocks pass, genetic differences in growth between stocks, time-of-entry into freshwater during the spawning migration and hence the last year's ocean feeding time, and errors in sex and/or age determination.

Run Timing:

Migratory timing of sockeye salmon through the 21 weirs in the region revealed a highly variable pattern (Table 18). Karta River exhibited the earliest run (mean date 10 July) while Chilkat Lake exhibited the latest (mean date 21 August) run of the systems that were weired through the duration of the sockeye salmon return. Detailed daily counts of sockeye salmon at each of the weirs are listed in Appendix Tables 77-97.

---

[1] Precocious fish, usually male, that matures at an early age.

Table 17. Mean length, standard error, ± 95% confidence intervals by sex and age class of sockeye salmon from escapements in Southeastern Alaska and transboundary river systems, 1983.

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
System	Sex		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
Fillmore	Males	x		342		456	327		576	475		625			
		S.E.		5.2		3.8	4.4		13.0			12.1			
		95% C.I.		11		8	19		29			38			
		N		57		28	3		12	1		4			
	Females	x				508			573			556			
		S.E.				17.4			4.0			18.1			
		95% C.I.				75			8			58			
		N				3			34			4			
Hugh Smith	Males	x		381	580	470	370		583	491	615	589			
		S.E.				2.9			2.2	6.5	8.6	2.3			
		95% C.I.				6			4	13	19	5			
		N		1	1	125	1		215	38	13	125			
	Females	x			516	488			577	509	587	576			
		S.E.				6.9			1.3	4.2	6.8	1.7			
		95% C.I.				14			3	9	15	3			
		N			1	32			350	19	10	176			
Lesnek	Males	x				453	408		543	486		538			500
		S.E.				20.3	7.5		2.5	2.9		3.3			
		95% C.I.				87	95		32	8		7			
		N				3	2		2	5		25			1
	Females	x					485			484		536			565
		S.E.								8.0		3.8			
		95% C.I.								22		8			
		N					1			5		13			1
McDonald	Males	x			525	456	355		565	466		590			
		S.E.			45.0	1.0			3.2	3.1		5.5			
		95% C.I.			571	2			6	6		11			
		N			2	480	1		141	43		283			
	Females	x			600	479			567	498		577			
		S.E.				7.6			2.9	32.9		2.3			
		95% C.I.				16			6	105		5			
		N			1	18			105	4		271			
Naha	Males	x			595	546			610	550	623	618			
		S.E.				2.3			1.7	2.8	6.3	3.5			
		95% C.I.				5			3	6	20	7			
		N			1	338			451	111	4	37			
	Females	x				536			595	534	625	598			570
		S.E.				2.3			1.1	3.8	2.9	3.7			
		95% C.I.				5			2	8	12	8			
		N				149			454	55	3	44			1
Balm	Males	x		346		480	328		527	472		530			
		S.E.		4.4		5.6	12.5		7.0	3.6		5.0			
		95% C.I.		10		14	159		16	7		10			
		N		15		7	2		9	40		20			
	Females	x		360		481	360		530	479		529			
		S.E.				4.0	0.0		4.2	2.3		3.6			
		95% C.I.				9	0		9	5		7			
		N		1		15	2		19	104		39			

-Continued-

Table 17. Mean length, standard error, ± 95% confidence intervals by sex and age class of sockeye salmon from escapements in Southeastern Alaska and transboundary river systems, 1983 (continued).

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
System	Sex		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
Johnson	Males	x		363		482	369		547	521		541			
		S.E.		7.3		6.4	4.3		2.6	5.4		2.9			
		95% C.I.		31		13	14		5	11		6			
		N		3		24	4		160	22		106			
	Females	x				484			533	498		532			
		S.E.				4.3			2.8	6.5		2.7			
		95% C.I.				9			9	14		5			
		N				25			118	18		83			
Kegan	Males	x			610	499	385		572	519	562	566			
		S.E.				4.1	10.0		1.4	2.5	17.6	1.8			
		95% C.I.				8	127		3	5	76	4			
		N			1	79	2		426	161	3	221			
		x				503			564	509	578	561			
		S.E.				3.1			1.1	2.4	2.5	1.9			
		95% C.I.				6			2	5	32	4			
		N				40			458	103	2	202			
Karta	Males	x				524			602	531	665	598			
		S.E.				6.2			1.7	5.4		4.0			
		95% C.I.				13			3	11		8			
		N				15			344	18	1	45			
	Females	x				516			583	532		583			
		S.E.				6.6			1.0	6.3		2.9			
		95% C.I.				16			2	16		6			
		N				8			437	6		44			
Klakas	Males	x			545	514			563	510	608	580		634	
		S.E.				4.2			2.5	9.3	11.2	5.2			
		95% C.I.				9			5	21	36	11			
		N			1	40			168	11	4	16		1	
	Females	x			583	503			561	502	587	549			
		S.E.				2.7			1.7	6.7	13.6	5.1			
		95% C.I.				5			3	14	38	10			
		N			1	84			311	18	5	31			
Betta	Males	x		334		490			562						
		S.E.		5.7		9.4			3.8						
		95% C.I.		12		21			8						
		N		13		12			37						
	Females	x				491			540						
		S.E.				6.6			2.9						
		95% C.I.				14			6						
		N				18			34						
Warmchuck	Males	x				516	429		567	528		555			
		S.E.				1.3			0.8	2.2		2.7			
		95% C.I.				3			2	4		5			
		N				235	1		679	103		75			
	Females	x				508			557	521	526	554			
		S.E.				1.9			0.9	2.2		3.5			
		95% C.I.				4			2	4		7			
		N				94			462	67	1	36			

-Continued-

Table 17. Mean length, standard error, ± 95% confidence intervals by sex and age class of sockeye salmon from escapements in Southeastern Alaska and transboundary river systems, 1983 (continued).

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
System	Sex		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
Sarkar	Males	x				505			574	527		576			
		S.E.				4.9			7.0	4.9		12.7			
		95% C.I.				10			15	10		28			
		N				31			13	26		13			
	Females	x				517			548	517		565			
		S.E.				6.4			6.5	6.1		7.3			
		95% C.I.				13			14	13		17			
		N				18			14	16		9			
Kushneahin	Males	x							558			528			
		S.E.							4.1			4.1			
		95% C.I.							9			11			
		N							11			5			
	Females	x							543			545			
		S.E.							5.8			0.0			
		95% C.I.							13			0			
		N							11			2			
Galea	Males	x		215		490	315		544	481		535			
		S.E.				1.8			3.1	8.8		16.6			
		95% C.I.				4			6	21		36			
		N		1		90	1		78	7		12			
	Females	x				480			541	483		551			
		S.E.				1.7			2.6	5.1		6.5			
		95% C.I.				3			5	11		15			
		N				147			88	19		9			
Luck	Males	x		328		441	352		522	488		549			
		S.E.		2.4		1.3	3.9		13.5	28.2		19.1			
		95% C.I.		5		3	8		28	72		44			
		N		40		224	35		18	6		9			
	Females	x		330		463			538			547			
		S.E.				7.6			3.3			5.5			
		95% C.I.				17			7			11			
		N		1		13			63			26			
Salmon Bay	Males	x		338		456	360		565	479		576			
		S.E.		2.3		3.0	37.7		5.0	14.1		9.4			
		95% C.I.		5		6	162		10	30		20			
		N		63		138	3		66	19		21			
	Females	x				500			563	502		571			
		S.E.				4.1			1.6	4.2		4.7			
		95% C.I.				8			3	9		10			
		N				42			139	17		19			
Red Bay	Males	x		329		456	344		583	454		541			
		S.E.		2.5		5.1	21.4		4.5	2.5		7.1			
		95% C.I.		5		11	47		9	5		16			
		N		38		16	12		37	77		12			
	Females	x				486			554	483		528			
		S.E.				4.7			2.2	5.2		5.2			
		95% C.I.				15			4	11		11			
		N				4			131	13		25			

-Continued-

Table 17. Mean length, standard error, ± 95% confidence intervals by sex and age class of sockeye salmon from escapements in Southeastern Alaska and transboundary river systems, 1983 (continued).

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
System	Sex		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
Kah Sheets	Males	x				499	370		557	507		573			
		S.E.				4.3			4.7	7.1		4.2			
		95% C.I.				10			10	18		8			
		N				10	1		25	7		40			
	Females	x				468			538	483		547			
		S.E.				4.9			6.6	13.0		2.9			
		95% C.I.				11			14	32		6			
		N				13			17	7		74			
Petersburg	Males	x	430	324		431	321		536	432		537			
		S.E.	20.0	10.3		2.5	8.9		14.2	6.3		13.3			
		95% C.I.	254	22		5	21		31	13		57			
		N	2	16		118	8		13	30		3			
	Females	x				465			540	478		530			
		S.E.				8.8			5.2	3.3		10.5			
		95% C.I.				20			11	14		23			
		N				9			26	3		14			
Thorne	Males	x		336		471	361		536	461		540			
		S.E.		5.0		9.1	3.9		4.9	9.3		3.7			
		95% C.I.		11		19	8		10	19		7			
		N		15		24	30		45	26		122			
	Females	x		360		479	390		535	471		541			
		S.E.				4.7			5.4	8.2		3.0			
		95% C.I.				11			11	17		6			
		N		1		9	1		28	19		97			
Iskut	Males	x		320		448			620						
		S.E.		15.0		5.9									
		95% C.I.		191		13									
		N		2		10			1						
	Females	x							554						
		S.E.							11.0						
		95% C.I.							25						
		N							22						
Verrett	Males	x	410	315		456			634						
		S.E.				5.7			47.9						
		95% C.I.				13			117						
		N	1	1		9			7						
	Females	x							572						
		S.E.							2.8						
		95% C.I.							6						
		N							9						
Stikine R. (gillnet)	Males	x				463			584	460		565			
		S.E.				6.7			7.7			10.4			
		95% C.I.				16			16			45			
		N				8			33	1		3			
	Females	x			555	473			576			563			
		S.E.			5.0	27.5			4.7			29.6			
		95% C.I.			64	350			10			127			
		N			2	2			35			3			

-Continued-

Table 17. Mean length, standard error, ± 95% confidence intervals by sex and age class of sockeye salmon from escapements in Southeastern Alaska and transboundary river systems, 1983 (continued).

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
System	Sex		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
Stikine R.(fishwheel)	Males	x	460	329					605						
		S.E.		4.0					25.3						
		95% C.I.		11					81						
		N	1	5					4						
	Females	x		320		454			581						
		S.E.				8.8			8.1						
		95% C.I.				28			21						
		N		1		4			6						
Gut Bay	Males	x		330					560						
		S.E.													
		95% C.I.													
		N		1					1						
	Females	x							525			517			
		S.E.							13.2			1.5			
		95% C.I.							57			7			
		N							3			3			
Falls	Males	x				497			563	502		561	456		
		S.E.				3.8			1.2	3.0		2.9			
		95% C.I.				8			2	6		6			
		N				44			273	74		33	1		
	Females	x				489			557	498		554	488		
		S.E.				3.7			2.2	4.2		6.2	14		
		95% C.I.				7			4	8		14	60		
		N				98			97	92		12	3		
Kutlaku	Males	x		318		453	315		532	475		500			
		S.E.		2.8		2.9	15.0		3.0						
		95% C.I.		6		6	191		6						
		N		58		91	2		72	1		1			
	Females	x		300		448			521	475	550	523			
		S.E.				4.1			1.8	11.1		7.5			
		95% C.I.				8			4	31		95			
		N		1		39			185	5	1	2			
Alecks	Males	x		340		453			530						
		S.E.				52.5			14.4						
		95% C.I.				667			62						
		N		1		2			3						
	Females	x				453			523			530			
		S.E.				8.8			8.6						
		95% C.I.				38			24						
		N				3			5			1			
Farragut	Males	x		341		450			598	545		583			
		S.E.		6.0					15.6	5.0		25.2			
		95% C.I.		76					50	64		108			
		N		2		1			4	2		3			
	Females	x							529			588			
		S.E.							19.0			2.5			
		95% C.I.							45			32			
		N							8			2			

-Continued-

Table 17. Mean length, standard error, ± 95% confidence intervals by sex and age class of sockeye salmon from escapements in Southeastern Alaska and transboundary river systems, 1983 (continued).

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
System	Sex		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
Taku R. (gillnet)	Males	x	484		591	468			591	530	637	594			
		S.E.			3.8	2.9			1.4	4.0		3.6			
		95% C.I.			8	6			3	8		7			
		N	1		31	111			349	37	1	38			
	Females	x			568	505			569	523	600	573			
		S.E.			2.4	3.8			0.9	1.8		2.6			
		95% C.I.			5	8			2	4		5			
		N			38	48			516	64	1	61			
Taku R. (fishwheel)	Males	x	439		582	449			587	502					
		S.E.	6.7		6.5	2.7			4.8						
		95% C.I.	19		17	5			10						
		N	5		6	87			61						
	Females	x			570	479			569						
		S.E.			4.9	4.9			2.6						
		95% C.I.			11	20			5						
		N			14	14			56						
South Fork Slough	Males	x	451	321	582	459			577	431					
		S.E.	9.3	10.7	3.5	3.9			3.8						
		95% C.I.	20	46	7	8			8						
		N	12	3	28	44			52	1					
	Females	x			562	471						559			
		S.E.			3.4	9.9						35.5			
		95% C.I.			7	24						452			
		N			40	7						2			
Nakina	Males	x			555	424									
		S.E.			25.0	7.5									
		95% C.I.			318	24									
		N			2	4									
	Females	x							575						
		S.E.							5.0						
		95% C.I.							64						
		N							2						
Silver Salmon R.	Males	x				480			592						
		S.E.				5.8			9.6						
		95% C.I.				25			22						
		N				3			10						
	Females	x							552	510					
		S.E.							6.2	10.0					
		95% C.I.							13	127					
		N							22	2					
Ruthai	Males	x				537			595	480		620			
		S.E.				45.7			1.5						
		95% C.I.				196			3						
		N				3			259	1		1			
	Females	x				503			578	495		554			
		S.E.				20.4			1.6	7.6		21.6			
		95% C.I.				57			3	33		69			
		N				5			205	3		4			

-Continued-

Table 17. Mean length, standard error, ± 95% confidence intervals by sex and age class of sockeye salmon from escapements in Southeastern Alaska and transboundary river systems, 1983 (continued).

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
System	Sex		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
Little Trapper	Males	x		334		426			565	423		572			
		S.E.		17.2		1.1			2.3	11.7		2.5			
		95% C.I.		44		2			5	50		5			
		N		6		300			88	3		53			
	Females	x				455			535	475		539			
		S.E.				6.7			2.2	27.5		3.2			
		95% C.I.				14			4	118		6			
		N				22			97	3		64			
Tatsamenie	Males	x	435	311	579	447			580	537		580			
		S.E.		5.5	7.4	3.7			6.3	3.3					
		95% C.I.		18	16	7			13	14					
		N	1	4	17	49			40	3		1			
	Females	x	455		542	474			548	518		535			
		S.E.			2.9	14.3			2.8	30.6					
		95% C.I.			6	34			6	132					
		N	1		30	8			94	3		1			
Speel	Males	x	456	337		462	347		576	470	625	592			
		S.E.	11.4	3.5		1.6			3.8	8.8		8.6			
		95% C.I.	36	8		3			7	20		27			
		N	4	13		240	1		108	10	1	4			
	Females	x			562	499			582	530		576			
		S.E.			8.5	7.9			1.0			6.5			
		95% C.I.			108	17			2			14			
		N			2	16			381	1		12			
Crescent	Males	x	436	345		444	323		576	449	615	581			
		S.E.	3.0	12.0		0.6	2.5		6.4	4.0	11.2	5.1			
		95% C.I.	6	25		1	32		13	8	31	10			
		N	35	25		984	2		68	48	5	41			
	Females	x		305	574	489			574						
		S.E.			7.5	6.7			1.2						
		95% C.I.			24	14			2						
		N		1	4	21			332						
Auke	Males	x							568	480		545			555
		S.E.							3.9	21.7		5.8			20.6
		95% C.I.							9	56		12			66
		N							10	6		21			4
	Females	x							539	470		534	425		525
		S.E.							9.7	35.0		4.5			12.6
		95% C.I.							31	445		9			54
		N							4	2		25	1		3
Lake	Males	x				520				471		544			530
		S.E.								38.8		6.1			
		95% C.I.								167		26			
		N				1				3		3			1
	Females	x				492			536	501		516	499		513
		S.E.							7.0	5.0		3.6	1.5		6.9
		95% C.I.							30	13		7	19		19
		N				1			3	31		31	2		5

-Continued-

Table 17. Mean length, standard error, ± 95% confidence intervals by sex and age class of sockeye salmon from escapements in Southeastern Alaska and transboundary river systems, 1983 (continued).

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
System	Sex		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
Steep	Males	x		311	597	453	300	630	600	508		617	410		
		S.E.		7.5	15.9	7.1			3.4	67.5		6.6			
		95% C.I.		16	68	14			7	157		16			
		N		16	3	47	1	1	154	2		8	1		
	Females	x			568	523		585	573	540		570			
		S.E.			13.0	12.1			2.0			9.7			
		95% C.I.			56	34			4			25			
		N			3	5		1	235	1		6			
Kook	Males	x				462			569						
		S.E.				15.3			2.6						
		95% C.I.				37			5						
		N				7			126						
	Females	x				480			546			570			
		S.E.				9.0			2.0						
		95% C.I.				21			4						
		N				8			136			1			
Pavlof	Males	x			570	445			587			585			
		S.E.							5.6						
		95% C.I.							12						
		N			1	1			27			1			
	Females	x				476			531	490		545			
		S.E.				8.8			4.7			3.4			
		95% C.I.				28			10			9			
		N				4			35	1		6			
Politofski	Males	x		349	548	490	351		557	506		552			613
		S.E.		6.0	22.0		6.0		1.7	6.4		3.5			
		95% C.I.		76	280		76		3	14		7			
		N		2	2	1	2		126	12		36			1
	Females	x				498			533	480		550	540		548
		S.E.				5.6			2.3	5.8		4.1			17.2
		95% C.I.				13			5	12		9			74
		N				10			98	23		16	1		3
Redoubt	Males	x		384	565	499	373		569	503		570	548		
		S.E.				2.4	3.9		2.0	2.9		4.3	12.0		
		95% C.I.				5	8		4	6		9	153		
		N		1	1	100	27		169	105		32	2		
	Females	x	507		558	489	386		546	494		551	482		532
		S.E.	7.0		2.5	4.8	5.7		2.8	2.3		5.4	25.4		3.5
		95% C.I.	89		32	10	24		5	5		11	81		44
		N	2		2	89	3		211	113		31	4		2
Sitkoh	Males	x		345		483			547			565			
		S.E.		10.0		2.0			3.6			0.0			
		95% C.I.		127		4			7			0			
		N		2		100			44			2			
	Females	x				465			524	498		515			
		S.E.				2.0			2.6	7.3		10.0			
		95% C.I.				4			5	31		127			
		N				101			65	3		2			

-Continued-

Table 17. Mean length, standard error, ± 95% confidence intervals by sex and age class of sockeye salmon from escapements in Southeastern Alaska and transboundary river systems, 1983 (continued).

			Brood Year and Age Class												
			1980		1979			1978			1977			1976	
System	Sex		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
Lake Anna	Males	x		320		439	345		585	530		567			
		S.E.				11.6			3.7	4.2		9.3			
		95% C.I.				50			7	18		22			
		N		1		3	1		47	3		9			
	Females	x							534	494					
		S.E.							5.6	7.1					
		95% C.I.							12	18					
		N							26	6					
Ford Arm	Males	x		341		484	342		546	510		558			
		S.E.		2.6		3.7	7.5		5.4	6.5		6.0			
		95% C.I.		5		7	19		11	18		12			
		N		83		34	6		43	5		21			
	Females	x			549	475			526	459		531			
		S.E.				5.5			2.5	18.7		2.9			
		95% C.I.				12			5	80		6			
		N			1	18			48	3		39			
Chilkat Lake	Males	x		330	584	494	355		604	545		608	565	630	601
		S.E.		1.9		6.0	2.8		1.6	1.9		1.9	8.9		
		95% C.I.		4		12	6		3	4		3	38		
		N		24	1	50	78		547	409		401	3	1	1
	Females	x				522	349		589	539	615	594	556		
		S.E.				4.7	6.5		1.1	1.2		1.3			
		95% C.I.				10	84		2	3		2			
		N				37	2		549	384	1	373	1		
Chilkat River	Males	x	430	330	576	440			587	435		565			
		S.E.	10.0		3.4	6.8			5.7						
		95% C.I.	127		7	14			12						
		N	2	1	23	19			20	1		1			
	Females	x	505		552	508			560			530			
		S.E.			4.0	2.5			3.3						
		95% C.I.			8	32			7						
		N	1		37	2			42			1			
Chilkoot Lake	Males	x		410		456	420		581	461	600	580			
		S.E.				2.9			1.0	15.6	30.0	1.7			
		95% C.I.				6			2	38	381	3			
		N		1		132	1		525	7	2	190			
	Females	x		345		455			565	473	590	560			
		S.E.				3.8			0.8	7.4	50.0	1.4			
		95% C.I.				7			2	16	635	3			
		N		1		82			559	17	2	272			

Table 18. Summary of sockeye salmon run timing through weirs in Southeastern Alaska and transboundary river systems, 1983.

			Cumulative Percent Past Weir				
System	Dates of Operation	Count	10%	50%	90%	Mean Date [1]	Variance [2]
Hugh Smith	June 1- Sept. 30	10,058	July 11	August 10	Sept. 24	August 11	724.0
McDonald	July 9- Sept. 1	56,147	July 31	August 15	August 15	August 9	67.2
Neha	June 13- August 26	4,679	July 2	July 19	August 9	July 20	180.4
Tamgass	June 17- Sept. 30	922	July 9	August 3	August 27	August 2	341.7
Kegan	June 20- Sept.12	8,751	July 4	July 29	August 19	July 28	311.3
Karta	June 18- Sept.12	22,532	June 23	July 5	August 4	July 10	253.3
Klakas	June 8- Nov. 10	1,413	July 9	July 26	August 12	July 26	207.5
Klawock	July 7- Oct. 1	840	July 29	August 15	Sept. 16	August 18	230.5
Warmchuck	June 19-Oct. 18	3,395	August 3	August 10	August 27	August 12	106.6
Sarkar	June 10- August 21	2,680	June 24	July 21	August 2	July 16	188.1
Salmon Bay	June 12- August 26	14,023	July 13	July 30	August 14	July 30	125.2
Tahltan	July 6- Sept.7	21,256	July 20	July 23	August 6	July 26	77.7
Falls	June 22- Oct. 12	1,657	July 12	July 21	August 3	July 22	98.5
L.Trapper	July 9- Sept. 17	7,502	August 5	August 6	August 16	August 8	26.7
Speel	July 1- Oct. 29	10,484	August 7	August 11	Sept. 4	August 16	166.9
Crescent [3]	June 20- August 24	19,422	August 6	August 11	August 24	August 13	61.8
Auke	June 24- Oct. 31	1,805	July 12	August 1	August 15	July 31	253.7
Salmon [4]	August 19- Oct. 9	332	August 25	Sept. 15	Sept. 25	Sept. 12	183.6
Recoubt	June 23- Oct. 2	2,525	July 10	July 28	August 10	July 27	172.1
Chilkat	June 22- Nov. 13	134,207	July 10	August 30	Oct. 1	August 21	1,032.0
Chilkoot	June 4- Nov. 13	80,343	June 23	July 21	August 30	July 23	503.4

[1] Rounded to nearest calendar date.

[2] Days squared.

[3] An estimated 5,000 sockeye salmon escaped into the system after the weir washed out, and were assigned to the August 24 total; mean date and variance for this system are thus biased low.

[4] The Salmon Lake weir was not installed until August 19. Fish undoubtedly escaped into the system before the weir was put in, causing the mean date and variance to be biased high.

ACKNOWLEDGMENTS

The National Marine Fisheries Service, Canadian Department of Fisheries and Oceans, Southern Southeast Regional Aquaculture Association, and the Commercial Fisheries and Fisheries Rehabilitation, Enhancement, and Development (F.R.E.D.) Divisions of the Alaska Department of Fish and Game were involved in collection of data presented in this report. Many individuals contributed their efforts in collection and summarization of the data. Glen Oliver and Sue Walls assisted in aging scales, Ben Van Alen, Dr. John H. Clark, Dave Mesiar, Cathy Botelho, Karl Hofmeister, Demarie Wood, Keith Pahlke, Brock Meredith, Iris Frank, Will Beattie, Dave Harris, Fred Bergander, Joe Muir, Leon Shaul, Ron Josephson, Scott Johnson, Molly Sturdevant, Jan Weller, and Mike Hirn were but a few of the personnel of the Alaska Department of Fish and Game involved in data collection. Joe Orsi and Jerry Taylor of the National Marine Fisheries Service, and Sandy Johnston and Pete Etherton of the Canadian Department of Fisheries and Oceans also contributed to data collection. Appreciation is extended to John Eiler, Joe Orsi, Jack Bailey, Bill Heard, Joyce Landingham, and Jack Helle of the Auke Bay Laboratory, National Marine Fisheries Service for providing weir counts from selected streams in southern Southeastern Alaska. Critical review was provided by Paul Larson, Fred Bergander, Jim Olsen, and Gary Finger.

LITERATURE CITED

Alaska Department of Fish and Game. 1984. Report to the Board of Fisheries - 1983 Southeast Alaska salmon net fisheries. Unpublished report.

Clutter, R. and L. Whitesel. 1956. Collection and interpretation of sockeye salmon scales. Bull. Int. Pac. Salmon Fish. Comm., No. 9, 15 pp.

Cochran, W.G. 1977. Sampling Techniques. 3rd ed. John Wiley and Sons, Inc. New York. 428 pp.

Eiler, J.H., J.A. Orsi, J.E. Bailey, W.R. Heard, J.L. Landingham, and J.H. Helle. 1984. NWAFC Processed Report 84-13. Escapement of sockeye salmon and other salmonids from selected stream systems in southern Southeast Alaska, 1982-83, 92 pp.

Hoffman, S.H., L. Talley, and M.C. Seibel. In prep. 1983 chum and sockeye salmon tagging, interception rates, migration patterns, run timing, and stock intermingling research in southern Southeast Alaska and northern British Columbia. Alaska Department of Fish and Game.

International North Pacific Fisheries Commission. 1963. Annual Report - 1961. 167 pp.

McBride, D.M. 1984. Compilation of catch, escapement, age, sex, and size data for salmon *(Oncorhynchus* sp.*)* returns to the Yakutat area, 1983. Technical Data Report No. 126. 98 pp.

McGregor, A.J. 1983. Age, sex, and size of sockeye salmon *(Oncorhynchus nerka* Walbaum*)* catches and escapements in Southeastern Alaska in 1983. Technical Data Report No. 100. 124 pp.

McGregor, A.J. In prep. Origins of sockeye salmon *(Oncorhynchus nerka* Walbaum*)* in the Taku-Snettisham drift gill net fishery of 1983 based on scale pattern analysis. Alaska Department of Fish and Game.

Mills, M.J. 1983. Alaska statewide sport fish harvest studies. Alaska Department of Fish and Game, Federal Aid and Fish Restoration. Annual Report of Progress, 1983-1984.

Mundy, P.R. 1979. A quantitative measure of migratory timing illustrated by application to the management of commercial salmon fisheries. Ph.D. dissertation. University of Washington. Seattle, WA.

Oliver, G.L., S.L. Marshall, S.A. McPherson, S.L. Wallas, and D.R. Bernard. In prep. Origins of sockeye salmon *(Oncorhynchus nerka)* in the southern Southeast Alaska net fisheries of 1982 and 1983 based on scale pattern analysis. Alaska Department of Fish and Game.

LITERATURE CITED (Continued)

Personal Communications

Imamura, K. 1984. Alaska Department of Fish and Game. Juneau, Alaska.

Bergmann, W. 1984. Alaska Department of Fish and Game. Petersburg, Alaska.

DeJong, R. 1984. Alaska Department of Fish and Game. Sitka, Alaska.

Valentine, J. 1984. Alaska Department of Fish and Game. Ketchikan, Alaska.

Johnston, S. 1984. Canadian Department of Fisheries and Oceans. Whitehorse, Yukon Territory.

APPENDICES

Appendix Table 1. District 101 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class										
	1980	1979			1978		1977			1976	
	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	3.3	Total
Period Number 1 (July 10-July 23)											
Male											
Sample Number	0	0	32	0	61	14	0	7	1	0	115
Percent	0.0	0.0	5.8	0.0	11.0	2.5	0.0	1.3	0.2	0.0	20.8
Standard Error			1.0		1.3	0.7		0.5	0.2		2.1
Number	0	0	743	0	1416	325	0	162	23	0	2669
Female											
Sample Number	0	0	28	0	73	12	1	4	1	0	119
Percent	0.0	0.0	5.1	0.0	13.2	2.2	0.2	0.7	0.2	0.0	21.5
Standard Error			0.9		1.4	0.6	0.2	0.4	0.2		2.1
Number	0	0	650	0	1694	278	23	93	23	0	2761
Sexes Combined[1]											
Sample Number	0	3	161	1	307	44	1	34	2	1	554
Percent	0.0	0.5	29.1	0.2	55.4	7.9	0.2	6.1	0.4	0.2	100.0
Standard Error		0.3	1.9	0.2	2.1	1.1	0.2	1.0	0.3	0.2	
Number	0	69	3738	23	7124	1021	23	789	46	23	12856
Period Number 2 (July 24-August 6)											
Male											
Sample Number	0	1	90	2	101	26	0	21	0	0	241
Percent	0.0	0.2	15.8	0.4	17.8	4.6	0.0	3.7	0.0	0.0	42.4
Standard Error		0.2	1.5	0.3	1.6	0.9		0.8			2.1
Number	0	35	3148	70	3533	909	0	735	0	0	8430
Female											
Sample Number	0	1	98	1	159	42	1	22	0	0	324
Percent	0.0	0.2	17.2	0.2	27.9	7.4	0.2	3.9	0.0	0.0	56.9
Standard Error		0.2	1.6	0.2	1.9	1.1	0.2	0.8			2.1
Number	0	35	3428	35	5562	1469	35	770	0	0	11334
Sexes Combined[1]											
Sample Number	0	2	188	3	263	68	1	44	0	0	569
Percent	0.0	0.4	33.0	0.5	46.2	12.0	0.2	7.7	0.0	0.0	100.0
Standard Error		0.3	2.0	0.3	2.1	1.4	0.2	1.1			
Number	0	70	6576	105	9200	2379	35	1539	0	0	19904
Period Number 3 (August 7-Sept.3)											
Male											
Sample Number	1	2	91	2	105	20	2	36	0	0	259
Percent	0.1	0.3	12.6	0.3	14.5	2.8	0.3	5.0	0.0	0.0	35.8
Standard Error	0.1	0.2	1.2	0.2	1.3	0.6	0.2	0.8			1.8
Number	21	42	1904	42	2197	419	42	753	0	0	5420
Female											
Sample Number	2	0	232	3	151	40	0	34	0	0	462
Percent	0.3	0.0	32.0	0.4	20.9	5.5	0.0	4.7	0.0	0.0	63.8
Standard Error	0.2		1.7	0.2	1.5	0.8		0.8			1.8
Number	42	0	4855	63	3160	837	0	712	0	0	9669
Sexes Combined[1]											
Sample Number	3	2	325	5	256	60	2	71	0	0	724
Percent	0.4	0.3	44.9	0.7	35.3	8.3	0.3	9.8	0.0	0.0	100.0
Standard Error	0.2	0.2	1.8	0.3	1.8	1.0	0.2	1.1			
Number	63	42	6801	105	5357	1256	42	1486	0	0	15152

-Continued-

Appendix Table 1. District 101 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class										
	1980	1979			1978		1977			1976	
	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	3.3	Total
Combined Periods (Percentages are weighted by period catches)											
Male											
Sample Number	1	3	213	4	267	60	2	64	1	0	615
Percent	0.0+	0.2	12.1	0.2	14.9	3.4	0.1	3.4	0.0+	0.0	34.5
Standard Error	0.0+	0.2	0.8	0.1	0.9	0.4	0.1	0.4	0.0+		1.2
Number	21	77	5795	112	7146	1653	42	1650	23	0	16519
Female											
Sample Number	2	1	358	4	383	94	2	60	1	0	905
Percent	0.1	0.1	18.6	0.2	21.7	5.4	0.1	3.3	0.0+	0.0	49.6
Standard Error	0.1	0.1	0.9	0.1	1.0	0.6	0.1	0.4	0.0+		1.2
Number	42	35	8933	98	10416	2585	58	1574	23	0	23764
Sexes Combined[1]											
Sample Number	3	7	674	9	826	172	4	149	2	1	1847
Percent	0.1	0.4	35.7	0.5	45.3	9.7	0.2	8.0	0.1	0.0+	100.0
Standard Error	0.1	0.2	1.1	0.2	1.2	0.7	0.1	0.6	0.1	0.0+	
Number	63	181	17115	233	21681	4656	100	3814	46	23	47912

[1] Includes unsexed fish totals.

Appendix Table 2. District 101 Annette Island Reserve purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983[1].

	Brood Year and Age Class							
	1980	1979		1978		1977		
	1.1	1.2	2.1	1.3	2.2	1.4	2.3	Total
Period Number 1 (July 3-Sept.3)								
Male								
Sample Number	0	13	1	20	4	1	7	46
Percent	0.0	4.3	0.3	6.6	1.3	0.3	2.3	15.1
Standard Error		1.2	0.3	1.4	0.7	0.3	0.9	2.6
Number	0	263	20	404	81	20	142	930
Female								
Sample Number	1	31	0	45	13	1	15	106
Percent	0.3	10.2	0.0	14.8	4.3	0.3	4.9	34.9
Standard Error	0.3	1.7		2.0	1.2	0.3	1.2	2.6
Number	20	627	0	910	263	20	303	2144
Sexes Combined[2]								
Sample Number	1	76	1	153	40	2	31	304
Percent	0.3	25.0	0.3	50.3	13.2	0.7	10.2	100.0
Standard Error	0.3	2.5	0.3	2.9	1.9	0.5	1.7	
Number	20	1537	20	3095	809	40	627	6148

[1] Fish were taken in Subdistricts 24, 26, 28, and 42.

[2] Includes unsexed fish totals.

Appendix Table 3. District 102 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class								
	1980		1979		1978		1977		
	0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	Total
Period Number 1 (July 10-Sept. 17)									
Male									
Sample Number	0	1	112	1	109	29	0	29	281
Percent	0.0	0.1	14.9	0.1	14.6	3.9	0.0	3.9	37.5
Standard Error		0.1	1.3	0.1	1.3	0.7		0.7	1.8
Number	0	15	1663	15	1619	431	0	430	4173
Female									
Sample Number	1	4	208	2	181	34	3	35	468
Percent	0.1	0.5	27.8	0.3	24.2	4.5	0.4	4.7	62.5
Standard Error	0.1	0.3	1.6	0.2	1.6	0.8	0.2	0.8	1.8
Number	15	59	3088	30	2688	505	45	520	6950
Sexes Combined									
Sample Number	1	5	320	3	290	63	3	64	749
Percent	0.1	0.7	42.7	0.4	38.7	8.4	0.4	8.6	100.0
Standard Error	0.1	0.3	1.8	0.2	1.8	1.0	0.2	1.0	
Number	15	74	4751	45	4307	936	45	950	11123

Appendix Table 4. District 103 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1980	1979			1978		1977	
	1.1	0.3	1.2	2.1	1.3	2.2	2.3	Total
Period Number 1 (July 31-Sept.3)								
Male								
Sample Number	1	1	84	1	104	31	10	232
Percent	0.2	0.2	15.1	0.2	18.7	5.6	1.8	41.8
Standard Error	0.2	0.2	1.5	0.2	1.7	1.0	0.6	2.1
Number	19	19	1572	19	1947	580	187	4343
Female								
Sample Number	0	2	148	0	128	34	11	323
Percent	0.0	0.4	26.7	0.0	23.1	6.1	2.0	58.2
Standard Error		0.3	1.9		1.8	1.0	0.6	2.1
Number	0	37	2770	0	2397	636	206	6046
Sexes Combined								
Sample Number	1	3	232	1	232	65	21	555
Percent	0.2	0.5	41.8	0.2	41.8	11.7	3.8	100.0
Standard Error	0.2	0.3	2.1	0.2	2.1	1.4	0.8	
Number	19	56	4342	19	4344	1216	393	10389

Appendix Table 5. District 104 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class											
	1980		1979			1978			1977			
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	Total
Period Number 1 (July 3-July 9)												
Sexes Combined												
Sample Number	0	0	0	139	0	1	267	82	0	58	0	547
Percent	0.0	0.0	0.0	25.4	0.0	0.2	48.8	15.0	0.0	10.6	0.0	100.0
Standard Error				1.9		0.2	2.1	1.5		1.3		
Number	0	0	0	11244	0	81	21599	6633	0	4692	0	44249
Period Number 2 (July 10-July 16)												
Sexes Combined												
Sample Number	2	1	3	286	1	0	473	57	1	58	0	882
Percent	0.2	0.1	0.3	32.4	0.1	0.0	53.7	6.5	0.1	6.6	0.0	100.0
Standard Error	0.2	0.1	0.2	1.6	0.1		1.7	0.8	0.1	0.8		
Number	143	72	215	20473	72	0	33858	4080	72	4152	0	63137
Period Number 3 (July 17-July 23)												
Sample Number	3	8	1	428	1	0	808	93	0	47	0	1389
Percent	0.2	0.6	0.1	30.8	0.1	0.0	58.1	6.7	0.0	3.4	0.0	100.0
Standard Error	0.1	0.2	0.1	1.2	0.1		1.3	0.7		0.5		
Number	140	373	47	19940	47	0	37641	4333	0	2190	0	64711
Period Number 4 (July 24-July 30)												
Sample Number	1	0	3	236	0	0	496	73	0	62	0	871
Percent	0.1	0.0	0.3	27.1	0.0	0.0	57.0	8.4	0.0	7.1	0.0	100.0
Standard Error	0.1		0.2	1.5			1.7	0.9		0.9		
Number	206	0	619	48687	0	0	102324	15060	0	12791	0	179687
Period Number 5 (July 31-August 6)												
Sexes Combined												
Sample Number	0	1	2	368	2	0	321	63	1	29	0	787
Percent	0.0	0.1	0.3	46.7	0.3	0.0	40.8	8.0	0.1	3.7	0.0	100.0
Standard Error		0.1	0.2	1.8	0.2		1.8	1.0	0.1	0.7		
Number	0	171	342	62961	342	0	54918	10778	171	4961	0	134644
Period Number 6 (August 7-August 13)												
Sample Number	1	15	1	468	2	0	247	75	0	39	0	848
Percent	0.1	1.8	0.1	55.3	0.2	0.0	29.1	8.8	0.0	4.6	0.0	100.0
Standard Error	0.1	0.5	0.1	1.7	0.2		1.6	1.0		0.7		
Number	134	2009	134	62684	268	0	33083	10045	0	5224	0	113581
Period Number 7 (August 14-August 20)												
Sample Number	1	12	1	375	1	0	156	19	0	10	1	576
Percent	0.2	2.1	0.2	65.0	0.2	0.0	27.1	3.3	0.0	1.7	0.2	100.0
Standard Error	0.2	0.6	0.2	2.0	0.2		1.9	0.7		0.5	0.2	
Number	57	689	57	21535	57	0	8958	1091	0	574	57	33075
Period Number 8 (August 21-August 27)												
Sample Number	0	5	0	372	1	0	222	47	0	19	0	666
Percent	0.0	0.7	0.0	55.9	0.1	0.0	33.3	7.1	0.0	2.9	0.0	100.0
Standard Error		0.3		1.9	0.2		1.8	1.0		0.7		
Number	0	133	0	9898	27	0	5908	1251	0	506	0	17723
Combined Periods (Percentages are weighted by period catches)												
Sexes Combined												
Sample Number	8	42	11	2672	8	1	2990	509	2	322	1	6566
Percent	0.1	0.5	0.2	39.6	0.1	0.0+	45.8	8.2	0.0+	5.4	0.0+	100.0
Standard Error	0.0+	0.1	0.1	0.7	0.1	0.0+	0.7	0.4	0.0+	0.3	0.0+	
Number	680	3447	1414	257422	813	81	298289	53271	243	35090	57	650807

Appendix Table 6. District 105 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class								
	1980		1979			1978		1977	
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	Total
Period Number 1 (August 7-Sept. 3)									
Male									
Sample Number	0	18	0	122	5	81	16	9	251
Percent	0.0	3.4	0.0	23.1	0.9	15.4	3.0	1.7	47.6
Standard Error		0.8		1.8	0.4	1.6	0.7	0.6	2.2
Female									
Sample Number	1	4	1	117	2	115	24	12	276
Percent	0.2	0.8	0.2	22.2	0.4	21.8	4.6	2.3	52.4
Standard Error	0.2	0.4	0.2	1.8	0.3	1.8	0.9	0.7	2.2
Sexes Combined									
Sample Number	1	22	1	239	7	196	40	21	527
Percent	0.2	4.2	0.2	45.4	1.3	37.2	7.6	4.0	100.0
Standard Error	0.2	0.9	0.2	2.2	0.5	2.1	1.2	0.9	

Appendix Table 7. District 106 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class								
	1980		1979			1978		1977	
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	Total
Period Number 1 (July 31-August 20)									
Male									
Sample Number	0	9	1	63	5	51	19	9	157
Percent	0.0	2.3	0.3	16.4	1.3	13.3	4.9	2.3	40.9
Standard Error		0.8	0.3	1.9	0.6	1.7	1.1	0.8	2.5
Number	0	50	6	352	28	285	106	50	877
Female									
Sample Number	1	33	0	89	10	53	35	6	227
Percent	0.3	8.6	0.0	23.2	2.6	13.8	9.1	1.6	59.1
Standard Error	0.3	1.4		2.2	0.8	1.8	1.5	0.6	2.5
Number	6	185	0	498	56	296	196	34	1271
Sexes Combined									
Sample Number	1	42	1	152	15	104	54	15	384
Percent	0.3	10.9	0.3	39.6	3.9	27.1	14.0	3.9	100.0
Standard Error	0.3	1.6	0.3	2.5	1.0	2.3	1.8	1.0	
Number	6	235	6	850	84	581	302	84	2148

Appendix Table 8. District 107 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class								
	1980		1979			1978		1977	
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	Total
Period 1 (August 7- Sept. 3)									
Male									
Sample Number	1	5	0	45	1	16	7	0	75
Percent	0.8	3.9	0.0	34.9	0.8	12.4	5.4	0.0	58.1
Standard Error	0.8	1.7		4.2	0.8	2.9	2.0		4.4
Number	10	48	0	432	10	154	67	0	721
Female									
Sample Number	0	4	1	22	2	19	3	3	54
Percent	0.0	3.1	0.8	17.1	1.6	14.7	2.3	2.3	41.9
Standard Error		1.5	0.8	3.3	1.1	3.1	1.3	1.3	4.4
Number	0	38	10	211	19	182	29	29	518
Sexes Combined									
Sample Number	1	9	1	67	3	35	10	3	129
Percent	0.8	7.0	0.8	51.9	2.3	27.1	7.8	2.3	100.0
Standard Error	0.8	2.2	0.8	4.4	1.3	3.9	2.4	1.3	
Number	10	86	10	643	29	336	96	29	1239

Appendix Table 9. District 109 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class									
	1980		1979			1978		1977	1976	
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.3	Total
Period 1 (July 24-Sept.3)										
Male										
Sample Number	1	6	3	87	1	88	44	18	1	251
Percent	0.2	1.1	0.6	16.5	0.2	16.7	8.3	3.4	0.2	47.5
Standard Error	0.2	0.5	0.3	1.6	0.2	1.6	1.2	0.8	0.2	2.2
Number	2	8	4	121	2	122	61	25	2	347
Female										
Sample Number	0	12	4	126	2	61	50	20	2	277
Percent	0.0	2.3	0.8	23.9	0.4	11.6	9.5	3.8	0.4	52.5
Standard Error		0.7	0.4	1.9	0.3	1.4	1.3	0.8	0.3	2.2
Number	0	17	6	173	3	84	69	28	3	383
Sexes Combined										
Sample Number	1	18	7	213	3	149	94	38	3	528
Percent	0.2	3.4	1.4	40.4	0.6	28.3	17.9	7.2	0.6	100.0
Standard Error	0.2	0.8	0.5	2.1	0.3	2.0	1.7	1.1	0.3	
Number	2	25	10	294	5	206	130	53	5	730

Appendix Table 10. District 110 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class									
	1980		1979			1978		1977		
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	Total
Period 1 (July 24-August 6)										
Male										
Sample Number	1	1	1	43	0	41	10	10	0	107
Percent	0.3	0.3	0.3	14.7	0.0	14.0	3.4	3.4	0.0	36.6
Standard Error	0.3	0.3	0.3	2.1		2.0	1.1	1.1		2.8
Number	4	4	4	163	0	156	38	38	0	407
Female										
Sample Number	0	1	5	35	5	73	37	28	1	185
Percent	0.0	0.3	1.7	12.0	1.7	25.0	12.7	9.6	0.3	63.4
Standard Error		0.3	0.8	1.9	0.8	2.5	2.0	1.7	0.3	2.8
Number	0	4	19	133	19	278	141	106	4	703
Sexes Combined										
Sample Number	1	2	6	78	5	114	47	38	1	292
Percent	0.3	0.7	2.1	26.7	1.7	39.0	16.1	13.0	0.3	100.0
Standard Error	0.3	0.5	0.8	2.6	0.8	2.9	2.2	2.0	0.3	
Number	4	8	23	296	19	433	179	144	4	1110

Appendix Table 11. District 112 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class									
	1980		1979			1978		1977		
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	Total
Period 1 (July 3-23)										
Male										
Sample Number	0	0	6	168	0	407	9	15	0	605
Percent	0.0	0.0	0.6	16.0	0.0	38.8	0.9	1.4	0.0	57.7
Standard Error			0.2	1.1		1.5	0.3	0.4		1.5
Number	0	0	50	1411	0	3420	76	126	0	5083
Female										
Sample Number	1	0	8	139	0	267	8	11	1	435
Percent	0.1	0.0	0.8	13.3	0.0	25.5	0.8	1.0	0.1	41.5
Standard Error	0.1		0.3	1.0		1.3	0.3	0.3	0.1	1.5
Number	8	0	66	1167	0	2242	67	92	8	3650
Sexes Combined[1]										
Sample Number	1	0	15	308	0	681	17	26	1	1049
Percent	0.1	0.0	1.4	29.4	0.0	64.9	1.6	2.5	0.1	100.0
Standard Error	0.1		0.4	1.4		1.5	0.4	0.5	0.1	
Number	8	0	126	2588	0	5722	143	218	8	8813
Period Number 2 (July 24-30)										
Male										
Sample Number	4	1	39	106	0	191	50	15	0	406
Percent	0.5	0.1	5.2	14.0	0.0	25.2	6.6	2.0	0.0	53.6
Standard Error	0.3	0.1	0.8	1.3		1.6	0.9	0.5		1.8
Number	49	12	475	1292	0	2328	610	183	0	4949
Female										
Sample Number	0	0	36	94	0	147	51	22	0	350
Percent	0.0	0.0	4.8	12.4	0.0	19.4	6.7	2.9	0.0	46.2
Standard Error			0.8	1.2		1.4	0.9	0.6		1.8
Number	0	0	439	1146	0	1792	622	268	0	4267
Sexes Combined[1]										
Sample Number	4	1	75	200	0	338	102	37	0	757
Percent	0.5	0.1	9.9	26.4	0.0	44.6	13.5	4.9	0.0	100.0
Standard Error	0.3	0.1	1.1	1.6		1.8	1.2	0.8		
Number	49	12	914	2438	0	4120	1244	451	0	9228
Period Number 3 (July 31-August 27)										
Male										
Sample Number	2	0	36	56	1	75	27	10	0	207
Percent	0.4	0.0	7.9	12.3	0.2	16.4	5.9	2.2	0.0	45.4
Standard Error	0.3		1.3	1.5	0.2	1.7	1.1	0.7		2.3
Number	35	0	624	970	17	1299	468	173	0	3586
Female										
Sample Number	0	0	40	52	0	65	47	13	0	217
Percent	0.0	0.0	8.8	11.4	0.0	14.3	10.3	2.9	0.0	47.6
Standard Error			1.3	1.5		1.6	1.4	0.8		2.3
Number	0	0	693	901	0	1126	814	225	0	3759
Sexes Combined[1]										
Sample Number	2	0	77	109	1	148	90	29	0	456
Percent	0.4	0.0	16.9	23.9	0.2	32.5	19.7	6.4	0.0	100.0
Standard Error	0.3		1.8	2.0	0.2	2.2	1.9	1.1		
Number	35	0	1334	1888	17	2564	1559	502	0	7899

-Continued-

Appendix Table 11. District 112 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class									
	1980		1979			1978		1977		
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	Total
Combined Periods (Percentages are weighted by period catches)										
Male										
Sample Number	6	1	81	330	1	673	86	40	0	1218
Percent	0.3	0.0+	4.4	14.2	0.1	27.2	4.4	1.9	0.0	52.5
Standard Error	0.1	0.0+	0.5	0.8	0.1	0.9	0.5	0.3		1.1
Number	84	12	1149	3673	17	7047	1154	482	0	13618
Female										
Sample Number	1	0	84	285	0	479	106	46	1	1002
Percent	0.0+	0.0	4.6	12.4	0.0	19.9	5.8	2.3	0.0+	45.0
Standard Error	0.0+		0.5	0.7		0.8	0.5	0.3	0.0+	1.1
Number	8	0	1198	3214	0	5160	1503	585	8	11676
Sexes Combined[1]										
Sample Number	7	1	167	617	1	1167	209	92	1	2262
Percent	0.4	0.0+	9.2	26.7	0.1	47.8	11.4	4.5	0.0+	100.0
Standard Error	0.1	0.0+	0.7	1.0	0.1	1.1	0.7	0.5	0.0+	
Number	92	12	2374	6914	17	12406	2946	1171	8	25940

[1] Includes unsexed fish totals.

Appendix Table 12. District 113-34 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class			
	1978		1977	
	1.3	2.2	3.2	Total
Period 1 (June 17-23)				
Sexes Combined				
Sample Number	71	264	13	348
Percent	20.4	75.9	3.7	100.0
Standard Error	2.2	2.3	1.0	
Number	3210	11944	582	15736

Appendix Table 13. District 114 commercial purse seine catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1979	1978		1977		1976		
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
Period 1 (June 17-Sept.17)								
Male								
Sample Number	2	14	63	103	18	1	12	213
Percent	0.5	3.4	15.1	24.7	4.3	0.2	2.9	51.1
Standard Error	0.3	0.9	1.8	2.1	1.0	0.2	0.8	2.4
Number	12	81	366	597	105	6	70	1237
Female								
Sample Number	0	20	46	96	23	0	6	191
Percent	0.0	4.8	11.0	23.0	5.5	0.0	1.4	45.8
Satndard Error		1.0	1.5	2.1	1.1		0.6	2.4
Number	0	116	267	557	134	0	35	1109
Sexes Combined[1]								
Sample Number	2	35	110	207	43	1	19	417
Percent	0.5	8.4	26.4	49.6	10.3	0.2	4.6	100.0
Standard Error	0.3	1.4	2.2	2.5	1.5	0.2	1.0	
Number	12	203	639	1201	250	6	110	2421

[1] Includes unsexed fish totals.

Appendix Table 14. District 101 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class									
	1980		1979		1978		1977			
	0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	Total
Period Number 1 (June 19-July 9)										
Male										
Sample Number	0	0	0	28	34	29	0	34	0	125
Percent	0.0	0.0	0.0	4.2	5.1	4.4	0.0	5.1	0.0	18.8
Standard Error				0.8	0.9	0.8		0.9		1.9
Number	0	0	0	1477	1794	1530	0	1794	0	6595
Female										
Sample Number	0	0	1	26	52	49	0	21	0	149
Percent	0.0	0.0	0.2	3.9	7.8	7.4	0.0	3.2	0.0	22.4
Standard Error			0.2	0.8	1.0	1.0		0.7		1.9
Number	0	0	53	1372	2743	2585	0	1108	0	7861
Sexes Combined[1]										
Sample Number	1	0	9	102	229	192	0	132	0	665
Percent	0.2	0.0	1.4	15.3	34.4	28.9	0.0	19.8	0.0	100.0
Standard Error	0.2		0.5	1.4	1.8	1.8		1.5		
Number	53	0	475	5381	12082	10130	0	6964	0	35085
Period Number 2 (July 10-July 16)										
Male										
Sample Number	1	0	1	28	119	48	2	40	0	239
Percent	0.1	0.0	0.1	2.8	11.8	4.8	0.2	4.0	0.0	23.8
Standard Error	0.1		0.1	0.5	1.0	0.7	0.1	0.6		1.6
Number	9	0	9	250	1061	428	18	357	0	2131
Female										
Sample Number	0	0	0	35	190	60	0	43	0	328
Percent	0.0	0.0	0.0	3.5	18.9	6.0	0.0	4.3	0.0	32.6
Standard Error				0.6	1.2	0.7		0.6		1.6
Number	0	0	0	312	1694	535	0	383	0	2925
Sexes Combined[1]										
Sample Number	1	0	2	137	540	195	4	126	0	1005
Percent	0.1	0.0	0.2	13.6	53.8	19.4	0.4	12.5	0.0	100.0
Standard Error	0.1		0.1	1.1	1.6	1.2	0.2	1.0		
Number	9	0	18	1222	4814	1739	36	1123	0	8961
Period Number 3 (July 17-July 23)										
Male										
Sample Number	1	0	0	55	159	82	2	77	0	376
Percent	0.1	0.0	0.0	6.2	17.8	9.2	0.2	8.6	0.0	42.2
Standard Error	0.1			0.8	1.3	1.0	0.1	0.9		1.7
Number	28	0	0	1566	4526	2334	57	2192	0	10703
Female										
Sample Number	0	0	0	50	238	121	2	104	1	516
Percent	0.0	0.0	0.0	5.6	26.7	13.6	0.2	11.7	0.1	57.8
Standard Error				0.8	1.5	1.1	0.1	1.1	0.1	1.7
Number	0	0	0	1423	6776	3444	57	2961	28	14689
Sexes Combined										
Sample Number	1	0	0	105	397	203	4	181	1	892
Percent	0.1	0.0	0.0	11.8	44.5	22.8	0.4	20.3	0.1	100.0
Standard Error	0.1			1.1	1.7	1.4	0.2	1.3	0.1	
Number	28	0	0	2989	11302	5779	114	5152	28	25392

-Continued-

Appendix Table 14. District 101 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class									
	1980		1979		1978		1977			
	0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	Total
Period Number 4 (July 24-July 30)										
Male										
Sample Number	0	0	0	33	87	72	0	66	0	258
Percent	0.0	0.0	0.0	4.6	12.1	10.0	0.0	9.2	0.0	36.0
Standard Error				0.8	1.2	1.1		1.1		1.8
Number	0	0	0	792	2089	1728	0	1584	0	6193
Female										
Sample Number	0	0	0	46	140	172	1	100	0	459
Percent	0.0	0.0	0.0	6.4	19.5	24.0	0.1	13.9	0.0	64.0
Standard Error				0.9	1.5	1.6	0.1	1.3		1.8
Number	0	0	0	1104	3361	4129	24	2401	0	11019
Sexes Combined										
Sample Number	0	0	0	79	227	244	1	166	0	717
Percent	0.0	0.0	0.0	11.0	31.7	34.0	0.1	23.2	0.0	100.0
Standard Error				1.2	1.7	1.8	0.1	1.6		
Number	0	0	0	1896	5450	5857	24	3985	0	17212
Period Number 5 (July 31-August 6)										
Male										
Sample Number	0	0	0	38	118	55	0	48	0	259
Percent	0.0	0.0	0.0	5.5	17.0	7.9	0.0	6.9	0.0	37.3
Standard Error				0.9	1.4	1.0		1.0		1.8
Number	0	0	0	1228	3812	1777	0	1551	0	8367
Female										
Sample Number	0	0	1	32	175	141	1	78	1	429
Percent	0.0	0.0	0.1	4.6	25.2	20.3	0.1	11.2	0.1	61.8
Standard Error			0.1	0.8	1.6	1.5	0.1	1.2	0.1	1.8
Number	0	0	32	1034	5653	4555	32	2520	32	13858
Sexes Combined[1]										
Sample Number	0	0	1	71	297	197	1	126	1	694
Percent	0.0	0.0	0.1	10.2	42.8	28.4	0.1	18.2	0.1	100.0
Standard Error			0.1	1.1	1.9	1.7	0.1	1.5	0.1	
Number	0	0	32	2294	9595	6364	32	4070	32	22419
Period Number 6 (August 7-August 13)										
Male										
Sample Number	0	1	0	50	137	50	0	57	1	296
Percent	0.0	0.1	0.0	6.4	17.5	6.4	0.0	7.3	0.1	37.8
Standard Error		0.1		0.9	1.4	0.9		0.9	0.1	1.7
Number	0	24	0	1189	3257	1189	0	1355	24	7038
Female										
Sample Number	0	0	0	66	226	120	1	73	0	486
Percent	0.0	0.0	0.0	8.4	28.8	15.3	0.1	9.3	0.0	62.0
Standard Error				1.0	1.6	1.3	0.1	1.0		1.7
Number	0	0	0	1569	5374	2853	24	1736	0	11556
Sexes Combined[1]										
Sample Number	0	1	0	116	365	170	1	130	1	784
Percent	0.0	0.1	0.0	14.8	46.6	21.7	0.1	16.6	0.1	100.0
Standard Error		0.1		1.3	1.8	1.5	0.1	1.3	0.1	
Number	0	24	0	2758	8678	4042	24	3091	24	18641

-Continued-

Appendix Table 14. District 101 commercial gill net catch of sockeye salmon. sex and age by sample period, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class									
	1980		1979		1978		1977			
	0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	3.2	Total
Period Number 7 (August 14-Sept.24)										
Male										
Sample Number	0	0	0	55	183	60	4	74	0	376
Percent	0.0	0.0	0.0	6.2	20.5	6.7	0.4	8.3	0.0	42.2
Standard Error				0.8	1.4	0.8	0.2	0.9		1.7
Number	0	0	0	512	1702	558	37	688	0	3497
Female										
Sample Number	0	0	1	81	276	82	1	74	0	515
Percent	0.0	0.0	0.1	9.1	30.9	9.2	0.1	8.3	0.0	57.7
Standard Error			0.1	1.0	1.5	1.0	0.1	0.9		1.7
Number	0	0	9	753	2567	763	9	688	0	4790
Sexes Combined[1]										
Sample Number	0	0	1	136	460	142	5	148	0	892
Percent	0.0	0.0	0.1	15.2	51.6	15.9	0.6	16.6	0.0	100.0
Standard Error			0.1	1.2	1.7	1.2	0.3	1.2		
Number	0	0	9	1265	4278	1321	47	1376	0	8296
Combined Periods (Percentages are weighted by period catches)										
Male										
Sample Number	2	1	1	287	837	396	8	396	1	1929
Percent	0.0+	0.0+	0.0+	5.2	13.4	7.0	0.1	7.0	0.0+	32.7
Standard Error	0.0+	0.0+	0.0+	0.3	0.5	0.4	0.0+	0.4	0.0+	0.8
Number	37	24	9	7014	18241	9544	112	9521	24	44525
Female										
Sample Number	0	0	3	336	1297	745	6	493	2	2882
Percent	0.0	0.0	0.1	5.6	20.7	13.9	0.1	8.7	0.0+	49.0
Standard Error			0.0+	0.3	0.6	0.5	0.0+	0.4	0.0+	0.8
Number	0	0	94	7567	28168	18864	146	11797	60	66696
Sexes Combined[1]										
Sample Number	3	1	13	746	2515	1343	16	1009	3	5649
Percent	0.0+	0.0+	0.4	13.1	41.3	25.9	0.2	18.9	0.1	100.0
Standard Error	0.0+	0.0+	0.1	0.5	0.7	0.7	0.1	0.6	0.0+	
Number	90	24	534	17805	56199	35232	277	25761	84	136006

[1] Includes unsexed fish totals.

Appendix Table 15. District 101 Annette Island Reserve gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983[1].

	Brood Year and Age Class								
	1980	1979		1978		1977		1976	
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	2.4	Total
Period Number 1 (June 12-Sept.24)									
Sexes Combined									
Sample Number	1	7	89	284	141	1	138	1	662
Percent	0.2	1.1	13.4	42.8	21.3	0.2	20.8	0.2	100.0
Standard Error	0.2	0.4	1.3	1.9	1.6	0.2	1.6	0.2	
Number	33	232	2947	9405	4669	33	4570	33	21922

[1] Fish were taken in Subdistricts 24, 26, 28, and 42.

Appendix Table 16. District 106 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class									
	1980		1979		1978		1977		1976	
	0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	2.4	Total
Period Number 1 (June 19-June 25)										
Sexes Combined										
Sample Number	0	0	0	36	309	50	2	95	0	492
Percent	0.0	0.0	0.0	7.3	62.8	10.2	0.4	19.3	0.0	100.0
Standard Error				1.2	2.2	1.4	0.3	1.8		
Number	0	0	0	391	3,362	544	22	1,034	0	5353
Period Number 2 (June 26-July 9)										
Male										
Sample Number	0	0	1	54	246	34	0	41	0	376
Percent	0.0	0.0	0.1	7.8	35.4	4.9	0.0	5.9	0.0	54.1
Standard Error			0.1	1.0	1.8	0.8		0.9		1.9
Number	0	0	19	1021	4652	643	0	775	0	7110
Female										
Sample Number	0	0	2	36	210	29	2	27	0	306
Percent	0.0	0.0	0.3	5.2	30.2	4.2	0.3	3.9	0.0	44.0
Standard Error			0.2	0.8	1.7	0.8	0.2	0.7		1.9
Number	0	0	38	681	3971	548	38	511	0	5787
Sexes Combined[1]										
Sample Number	0	0	3	90	462	66	2	72	0	695
Percent	0.0	0.0	0.4	12.9	66.5	9.5	0.3	10.4	0.0	100.0
Standard Error			0.2	1.3	1.8	1.1	0.2	1.2		
Number	0	0	57	1702	8736	1248	38	1362	0	13143
Period Number 3 (July 10-July 16)										
Male										
Sample Number	0	0	4	84	233	61	1	81	1	465
Percent	0.0	0.0	0.5	10.8	29.8	7.8	0.1	10.4	0.1	59.5
Standard Error			0.3	1.1	1.6	1.0	0.1	1.1	0.1	1.8
Number	0	0	22	458	1270	332	5	442	5	2535
Female										
Sample Number	0	0	1	45	189	32	2	44	0	313
Percent	0.0	0.0	0.1	5.8	24.2	4.1	0.3	5.6	0.0	40.1
Standard Error			0.1	0.8	1.5	0.7	0.2	0.8		1.8
Number	0	0	5	245	1030	174	11	240	0	1706
Sexes Combined[1]										
Sample Number	0	0	5	129	424	93	3	126	1	781
Percent	0.0	0.0	0.6	16.5	54.4	11.9	0.4	16.1	0.1	100.0
Standard Error			0.3	1.3	1.8	1.2	0.2	1.3	0.1	
Number	0	0	27	703	2312	507	16	687	5	4257

-Continued-

Appendix Table 16. District 106 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class									
	1980		1979		1978		1977		1976	
	0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	2.4	Total
Period Number 4 (July 17-July 23)										
Male										
Sample Number	0	0	3	45	178	18	3	24	0	271
Percent	0.0	0.0	0.4	6.7	26.4	2.7	0.4	3.6	0.0	40.2
Standard Error			0.2	1.0	1.7	0.6	0.2	0.7		1.9
Number	0	0	55	827	3273	331	55	441	0	4983
Female										
Sample Number	1	0	1	59	286	34	2	20	0	403
Percent	0.2	0.0	0.1	8.8	42.5	5.0	0.3	3.0	0.0	59.8
Standard Error	0.2		0.1	1.1	1.9	0.8	0.2	0.7		1.9
Number	18	0	18	1085	5259	625	37	368	0	7410
Sexes Combined										
Sample Number	1	0	4	104	464	52	5	44	0	674
Percent	0.2	0.0	0.6	15.4	68.9	7.7	0.7	6.5	0.0	100.0
Standard Error	0.2		0.3	1.4	1.8	1.0	0.3	1.0		
Number	18	0	74	1912	8532	956	92	809	0	12393
Period Number 5 (July 24-July 30)										
Male										
Sample Number	0	0	1	92	193	31	1	38	0	356
Percent	0.0	0.0	0.1	12.9	27.1	4.3	0.1	5.3	0.0	49.9
Standard Error			0.1	1.3	1.7	0.8	0.1	0.8		1.9
Number	0	0	11	1027	2155	346	11	424	0	3975
Female										
Sample Number	0	0	0	92	194	40	3	24	0	353
Percent	0.0	0.0	0.0	12.9	27.2	5.6	0.4	3.4	0.0	49.5
Standard Error				1.3	1.7	0.9	0.2	0.7		1.9
Number	0	0	0	1027	2166	447	34	268	0	3942
Sexes Combined[1]										
Sample Number	0	0	1	184	389	72	4	63	0	713
Percent	0.0	0.0	0.1	25.8	54.6	10.1	0.6	8.8	0.0	100.0
Standard Error			0.1	1.6	1.9	1.1	0.3	1.1		
Number	0	0	11	2055	4343	804	45	704	0	7962
Period Number 6 (July 31-August 6)										
Male										
Sample Number	0	0	0	40	172	26	1	67	0	306
Percent	0.0	0.0	0.0	6.2	26.9	4.1	0.2	10.5	0.0	47.9
Standard Error				1.0	1.8	0.8	0.2	1.2		2.0
Number	0	0	0	88	379	57	2	147	0	673
Female										
Sample Number	0	0	1	28	202	40	1	62	0	334
Percent	0.0	0.0	0.2	4.4	31.5	6.2	0.2	9.7	0.0	52.1
Standard Error			0.2	0.8	1.8	1.0	0.2	1.2		2.0
Number	0	0	2	61	443	88	2	136	0	732
Sexes Combined										
Sample Number	0	0	1	68	374	66	2	129	0	640
Percent	0.0	0.0	0.2	10.6	58.4	10.3	0.3	20.2	0.0	100.0
Standard Error			0.2	1.2	1.9	1.2	0.2	1.6		
Number	0	0	2	149	822	145	4	283	0	1405

-Continued-

Appendix Table 16. District 106 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class									
	1980		1979		1978		1977		1976	
	0.2	1.1	0.3	1.2	1.3	2.2	1.4	2.3	2.4	Total
Period Number 7 (August 7-August 13)										
Male										
Sample Number	1	1	1	50	187	15	0	21	0	276
Percent	0.2	0.2	0.2	8.4	31.4	2.5	0.0	3.5	0.0	46.4
Standard Error	0.2	0.2	0.2	1.1	1.9	0.6		0.8		2.0
Number	4	4	4	213	795	64	0	89	0	1173
Female										
Sample Number	0	3	2	68	186	27	0	22	0	308
Percent	0.0	0.5	0.3	11.4	31.3	4.5	0.0	3.7	0.0	51.8
Standard Error		0.3	0.2	1.3	1.9	0.9		0.8		2.0
Number	0	13	9	289	791	115	0	94	0	1309
Sexes Combined[1]										
Sample Number	1	4	3	119	381	43	0	44	0	595
Percent	0.2	0.7	0.5	20.0	64.0	7.2	0.0	7.4	0.0	100.0
Standard Error	0.2	0.3	0.3	1.6	2.0	1.1		1.1		
Number	4	17	13	506	1619	183	0	187	0	2529
Period Number 8 (August 14-Oct.1)										
Male										
Sample Number	1	2	1	61	176	23	0	25	0	289
Percent	0.2	0.3	0.2	8.9	25.8	3.4	0.0	3.7	0.0	42.4
Standard Error	0.2	0.2	0.2	1.1	1.7	0.7				1.9
Number	3	6	3	170	490	64	0	70	0	805
Female										
Sample Number	0	3	0	89	236	37	0	25	0	390
Percent	0.0	0.4	0.0	13.0	34.6	5.4	0.0	3.7	0.0	57.2
Standard Error		0.2		1.3	1.8	0.9		0.7		1.9
Number	0	8	0	248	657	103	0	70	0	1087
Sexes Combined[1]										
Sample Number	1	5	1	150	414	61	0	50	0	682
Percent	0.2	0.7	0.2	22.0	60.7	8.9	0.0	7.3	0.0	100.0
Standard Error	0.2	0.3	0.2	1.6	1.9	1.1		1.0		
Number	3	14	3	418	1153	170	0	139	0	1900
Combined Periods (Percentages are weighted by period catches)										
Male										
Sample Number	2	3	11	426	1384	208	6	297	1	2339
Percent	0.0+	0.0+	0.2	7.8	26.6	3.8	0.2	4.9	0.0+	43.4
Standard Error[2]	0.0+	0.0+	0.1	0.5	0.8	0.4	0.1	0.4	0.0+	0.9
Number	7	10	114	3804	13010	1837	74	2388	5	21250
Female										
Sample Number	1	6	7	417	1503	239	10	224	0	2407
Percent	0.0+	0.0+	0.1	7.4	29.3	4.3	0.2	3.4	0.0	44.9
Standard Error[2]	0.0+	0.0+	0.0+	0.5	0.8	0.4	0.1	0.3		0.9
Number	18	21	72	3637	14317	2100	121	1685	0	21972
Sexes Combined[1]										
Sample Number	3	9	18	917	3547	559	20	725	1	5272
Percent	0.1	0.1	0.4	16.0	63.1	9.3	0.4	10.6	0.0+	100.0
Standard Error	0.0+	0.0+	0.1	0.6	0.8	0.5	0.1	0.5	0.0+	
Number	25	31	187	7836	30879	4557	217	5205	5	48942

[1] Includes unsexed fish totals.

[2] Data from period number 1 not included for calculation of these standard errors.

Appendix Table 17. District 108 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class			
	1979	1978	1977	
	1.2	1.3	2.3	Total
Male				
Sample Number	1	1	3	5
Percent	9.1	9.1	27.3	45.5
Standard Error	9.1	9.1	14.1	15.7
Number	17	17	51	85
Female				
Sample Number	1	2	3	6
Percent	9.1	18.2	27.3	54.5
Standard Error	9.1	12.2	14.1	15.7
Number	17	34	51	102
Sexes Combined				
Sample Number	2	3	6	11
Percent	18.2	27.3	54.5	100.0
Standard Error	11.6	13.4	15.0	
Number	34	51	102	187

Appendix Table 18. Canadian commercial gill net catch of sockeye salmon on the Stikine River, sex and age by sample period, 1983.

	Brood Year and Age Class								
	1980	1979		1978			1977		
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	Total
Period Number 1 (June 12-July 2)									
Male									
Sample Number	1	0	6	0	227	0	0	14	248
Percent	0.2	0.0	1.2	0.0	46.7	0.0	0.0	2.9	51.0
Standard Error	0.2		0.5		2.3			0.8	2.3
Number	3	0	16	0	600	0	0	37	655
Female									
Sample Number	0	2	2	0	210	0	0	23	237
Percent	0.0	0.4	0.4	0.0	43.2	0.0	0.0	4.7	48.8
Standard Error		0.3	0.3		2.2			1.0	2.3
Number	0	5	5	0	555	0	0	61	626
Sexes Combined[1]									
Sample Number	1	2	8	0	438	0	0	37	486
Percent	0.2	0.4	1.6	0.0	90.1	0.0	0.0	7.6	100.0
Standard Error	0.2	0.3	0.6		1.4			1.2	
Number	3	5	21	0	1157	0	0	98	1284
Period Number 2 (July 3-July 16)									
Male									
Sample Number	2	3	24	0	217	0	1	13	260
Percent	0.3	0.5	4.0	0.0	36.5	0.0	0.2	2.2	43.7
Standard Error	0.2	0.3	0.8		2.0		0.2	0.6	2.0
Number	17	26	208	0	1879	0	9	113	2251
Female									
Sample Number	1	1	16	1	275	5	0	36	335
Percent	0.2	0.2	2.7	0.2	46.2	0.8	0.0	6.1	56.3
Standard Error	0.2	0.2	0.7	0.2	2.0	0.4		1.0	2.0
Number	9	9	139	9	2381	43	0	312	2901
Sexes Combined									
Sample Number	3	4	40	1	492	5	1	49	595
Percent	0.5	0.7	6.7	0.2	82.7	0.8	0.2	8.2	100.0
Standard Error	0.3	0.3	1.0	0.2	1.6	0.4	0.2	1.1	
Number	26	35	346	9	4260	43	9	424	5152
Period Number 3 (July 17-Oct. 8)									
Male									
Sample Number	8	5	116	0	324	14	2	16	485
Percent	0.8	0.5	12.2	0.0	34.0	1.5	0.2	1.7	50.8
Standard Error	0.3	0.2	1.1		1.5	0.4	0.1	0.4	1.6
Number	79	49	1146	0	3200	138	20	158	4790
Female									
Sample Number	0	9	41	0	391	11	0	17	469
Percent	0.0	0.9	4.3	0.0	41.0	1.2	0.0	1.8	49.2
Standard Error		0.3	0.7		1.6	0.4		0.4	1.6
Number	0	89	405	0	3861	109	0	168	4631
Sexes Combined									
Sample Number	8	14	157	0	715	25	2	33	954
Percent	0.8	1.5	16.5	0.0	74.9	2.6	0.2	3.5	100.0
Standard Error	0.3	0.4	1.2		1.4	0.5	0.1	0.6	
Number	79	138	1550	0	7061	247	20	326	9421

-Continued-

Appendix Table 18. Canadian commercial gill net catch of sockeye salmon on the Stikine River, sex and age by sample period, 1983 (continued).

	Brood Year and Age Class								
	1980	1979		1978			1977		
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	Total
Combined Periods (Percentages are weighted by period catches)									
Male									
Sample Number	11	8	146	0	768	14	3	43	993
Percent	0.6	0.5	8.6	0.0	35.8	0.9	0.2	1.9	48.5
Standard Error	0.2	0.2	0.7		1.1	0.2	0.1	0.3	1.2
Number	99	75	1369	0	5678	138	28	308	7696
Female									
Sample Number	1	12	59	1	876	16	0	76	1041
Percent	0.1	0.6	3.5	0.1	42.9	1.0	0.0	3.4	51.4
Standard Error	0.1	0.2	0.4	0.1	1.2	0.2		0.4	1.2
Number	9	103	549	9	6797	152	0	540	8158
Sexes Combined[1]									
Sample Number	12	20	205	1	1645	30	3	119	2035
Percent	0.7	1.1	12.1	0.1	78.7	1.8	0.2	5.3	100.0
Standard Error	0.2	0.3	0.8	0.1	1.0	0.3	0.1	0.5	
Number	108	178	1918	9	12478	290	28	848	15857

[1] Includes unsexed fish totals.

Appendix Table 19. District 111 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class											
	1980	1979			1978			1977		1976		
	0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	3.3	Total
Period Number 1 (June 19-25)												
Male												
Sample Number	0	4	7	0	0	174	0	0	6	0	0	191
Percent	0.0	0.8	1.5	0.0	0.0	36.9	0.0	0.0	1.3	0.0	0.0	40.5
Standard Error		0.4	0.6			2.2			0.5			2.3
Number	0	20	35	0	0	873	0	0	30	0	0	959
Female												
Sample Number	0	3	2	0	0	203	1	0	7	0	0	216
Percent	0.0	0.6	0.4	0.0	0.0	43.0	0.2	0.0	1.5	0.0	0.0	45.8
Standard Error		0.4	0.3			2.3	0.2		0.6			2.3
Number	0	15	10	0	0	1019	5	0	35	0	0	1084
Sexes Combined[1]												
Sample Number	0	8	11	0	0	439	1	0	13	0	0	472
Percent	0.0	1.7	2.3	0.0	0.0	93.0	0.2	0.0	2.8	0.0	0.0	100.0
Standard Error		0.6	0.7			1.2	0.2		0.8			
Number	0	40	55	0	0	2204	5	0	65	0	0	2369
Period Number 2 (June 26-July 2)												
Male												
Sample Number	3	10	44	0	0	204	2	2	40	0	0	305
Percent	0.5	1.7	7.5	0.0	0.0	34.8	0.3	0.3	6.8	0.0	0.0	52.0
Standard Error	0.3	0.5	1.1			2.0	0.2	0.2	1.0			2.1
Number	18	59	261	0	0	1212	12	12	238	0	0	1812
Female												
Sample Number	0	5	12	0	0	221	4	1	39	0	0	282
Percent	0.0	0.9	2.0	0.0	0.0	37.6	0.7	0.2	6.6	0.0	0.0	48.0
Standard Error		0.4	0.6			2.0	0.3	0.2	1.0			2.1
Number	0	30	71	0	0	1313	24	6	232	0	0	1675
Sexes Combined												
Sample Number	3	15	56	0	0	425	6	3	79	0	0	587
Percent	0.5	2.6	9.5	0.0	0.0	72.4	1.0	0.5	13.5	0.0	0.0	100.0
Standard Error	0.3	0.7	1.2			1.8	0.4	0.3	1.4			
Number	18	89	332	0	0	2525	36	18	469	0	0	3487
Period Number 3 (July 3-9)												
Male												
Sample Number	0	14	36	0	0	188	3	2	45	0	0	288
Percent	0.0	2.7	6.9	0.0	0.0	36.0	0.6	0.4	8.6	0.0	0.0	55.2
Standard Error		0.7	1.1			2.1	0.3	0.3	1.2			2.2
Number	0	155	398	0	0	2080	33	22	498	0	0	3186
Female												
Sample Number	0	7	7	0	0	162	3	2	49	0	0	230
Percent	0.0	1.3	1.3	0.0	0.0	31.0	0.6	0.4	9.4	0.0	0.0	44.1
Standard Error		0.5	0.5			2.0	0.3	0.3	1.3			2.2
Number	0	77	77	0	0	1792	33	22	542	0	0	2544
Sexes Combined[1]												
Sample Number	0	21	43	0	0	354	6	4	94	0	0	522
Percent	0.0	4.0	8.2	0.0	0.0	67.8	1.2	0.8	18.0	0.0	0.0	100.0
Standard Error		0.9	1.2			2.0	0.5	0.4	1.7			
Number	0	232	476	0	0	3916	66	44	1040	0	0	5774

-Continued-

Appendix Table 19. District 111 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class											
	1980	1979			1978			1977		1976		
	0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	3.3	Total
Period Number 4 (July 10-16)												
Male												
Sample Number	5	9	54	0	0	130	5	2	29	0	0	234
Percent	0.9	1.7	10.0	0.0	0.0	24.1	0.9	0.4	5.4	0.0	0.0	43.3
Standard Error	0.4	0.6	1.3			1.8	0.4	0.3	1.0			2.1
Number	20	35	211	0	0	508	20	8	113	0	0	915
Female												
Sample Number	0	22	7	0	1	215	8	1	51	1	0	306
Percent	0.0	4.1	1.3	0.0	0.2	39.8	1.5	0.2	9.4	0.2	0.0	56.7
Standard Error		0.9	0.5		0.2	2.1	0.5	0.2	1.3	0.2		2.1
Number	0	86	27	0	4	840	31	4	199	4	0	1196
Sexes Combined												
Sample Number	5	31	61	0	1	345	13	3	80	1	0	540
Percent	0.9	5.7	11.3	0.0	0.2	63.9	2.4	0.6	14.8	0.2	0.0	100.0
Standard Error	0.4	1.0	1.4		0.2	2.1	0.7	0.3	1.5	0.2		
Number	20	121	238	0	4	1348	51	12	313	4	0	2111
Period Number 5 (July 17-23)												
Male												
Sample Number	1	9	45	0	0	152	14	0	23	0	0	244
Percent	0.2	1.8	9.2	0.0	0.0	31.0	2.9	0.0	4.7	0.0	0.0	49.7
Standard Error	0.2	0.6	1.3			2.1	0.8		1.0			2.3
Number	2	16	81	0	0	275	25	0	42	0	0	442
Female												
Sample Number	0	7	5	0	0	186	4	1	40	0	0	243
Percent	0.0	1.4	1.0	0.0	0.0	37.9	0.8	0.2	8.1	0.0	0.0	49.5
Standard Error		0.5	0.4			2.2	0.4	0.2	1.2			2.3
Number	0	13	9	0	0	337	7	2	72	0	0	440
Sexes Combined[1]												
Sample Number	1	16	51	0	0	339	18	1	65	0	0	491
Percent	0.2	3.3	10.4	0.0	0.0	69.0	3.7	0.2	13.2	0.0	0.0	100.0
Standard Error	0.2	0.8	1.4			2.1	0.9	0.2	1.5			
Number	2	29	92	0	0	613	33	2	118	0	0	889
Period Number 6 (July 24-30)												
Male												
Sample Number	0	31	24	0	0	184	17	0	23	0	0	279
Percent	0.0	5.8	4.5	0.0	0.0	34.7	3.2	0.0	4.3	0.0	0.0	52.5
Standard Error		1.0	0.9			2.1	0.8		0.9			2.2
Number	0	380	294	0	0	2253	208	0	282	0	0	3417
Female												
Sample Number	0	21	10	0	0	187	18	0	16	0	0	252
Percent	0.0	4.0	1.9	0.0	0.0	35.2	3.4	0.0	3.0	0.0	0.0	47.5
Standard Error		0.9	0.6			2.1	0.8		0.7			2.2
Number	0	257	122	0	0	2290	220	0	196	0	0	3086
Sexes Combined												
Sample Number	0	52	34	0	0	371	35	0	39	0	0	531
Percent	0.0	9.8	6.4	0.0	0.0	69.9	6.6	0.0	7.3	0.0	0.0	100.0
Standard Error		1.3	1.1			2.0	1.1		1.1			
Number	0	637	416	0	0	4544	428	0	478	0	0	6503

-Continued-

Appendix Table 19. District 111 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class											
	1980	1979			1978			1977		1976		
	0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	3.3	Total
Period Number 7 (July 31-August 6)												
Male												
Sample Number	3	20	34	0	0	190	41	0	31	0	0	319
Percent	0.4	2.6	4.4	0.0	0.0	24.8	5.3	0.0	4.0	0.0	0.0	41.6
Standard Error	0.2	0.6	0.7			1.6	0.8		0.7			1.8
Number	23	151	257	0	0	1437	310	0	234	0	0	2412
Female												
Sample Number	0	38	26	0	1	306	37	3	36	0	1	448
Percent	0.0	5.0	3.4	0.0	0.1	39.9	4.8	0.4	4.7	0.0	0.1	58.4
Standard Error		0.8	0.7		0.1	1.8	0.8	0.2	0.8		0.1	1.8
Number	0	287	197	0	8	2314	279	23	272	0	8	3388
Sexes Combined												
Sample Number	3	58	60	0	1	496	78	3	67	0	1	767
Percent	0.4	7.6	7.8	0.0	0.1	64.7	10.2	0.4	8.7	0.0	0.1	100.0
Standard Error	0.2	1.0	1.0		0.1	1.7	1.1	0.2	1.0		0.1	
Number	23	438	454	0	8	3751	589	23	506	0	8	5800
Period Number 8 (August 7-13)												
Male												
Sample Number	0	20	28	0	0	201	45	1	32	0	0	327
Percent	0.0	3.0	4.1	0.0	0.0	29.8	6.7	0.1	4.7	0.0	0.0	48.4
Standard Error		0.7	0.8			1.8	1.0	0.1	0.8			1.9
Number	0	68	95	0	0	684	153	3	109	0	0	1112
Female												
Sample Number	0	40	21	0	1	219	41	0	25	0	1	348
Percent	0.0	5.9	3.1	0.0	0.1	32.4	6.1	0.0	3.7	0.0	0.1	51.6
Standard Error		0.9	0.7		0.1	1.8	0.9		0.7		0.1	1.9
Number	0	136	71	0	3	745	139	0	85	0	3	1184
Sexes Combined												
Sample Number	0	60	49	0	1	420	86	1	57	0	1	675
Percent	0.0	8.9	7.3	0.0	0.1	62.2	12.7	0.1	8.4	0.0	0.1	100.0
Standard Error		1.1	1.0		0.1	1.9	1.3	0.1	1.1		0.1	
Number	0	204	167	0	3	1429	293	3	194	0	3	2296
Period Number 9 (August 14-Sept.24)												
Male												
Sample Number	0	27	21	1	1	167	33	0	35	0	0	285
Percent	0.0	4.6	3.6	0.2	0.2	28.6	5.7	0.0	6.0	0.0	0.0	48.9
Standard Error		0.9	0.8	0.2	0.2	1.9	1.0		1.0			2.1
Number	0	111	86	4	4	687	136	0	144	0	0	1172
Female												
Sample Number	1	27	24	0	0	177	41	1	27	0	0	298
Percent	0.2	4.6	4.1	0.0	0.0	30.4	7.0	0.2	4.6	0.0	0.0	51.1
Standard Error	0.2	0.9	0.8			1.9	1.1	0.2	0.9			2.1
Number	4	111	99	0	0	728	169	4	111	0	0	1226
Sexes Combined												
Sample Number	1	54	45	1	1	344	74	1	62	0	0	583
Percent	0.2	9.3	7.7	0.2	0.2	59.0	12.7	0.2	10.6	0.0	0.0	100.0
Standard Error	0.2	1.2	1.1	0.2	0.2	2.0	1.4	0.2	1.3			
Number	4	222	185	4	4	1415	305	4	255	0	0	2398

-Continued-

Appendix Table 19. District 111 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class											
	1980	1979			1978			1977		1976		
	0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	2.4	3.3	Total
Combined Periods (Percentages are weighted by period catches)												
Male												
Sample Number	12	144	293	1	1	1590	160	7	264	0	0	2472
Percent	0.2	3.1	5.4	0.0+	0.0+	31.6	2.8	0.1	5.3	0.0	0.0	48.8
Standard Error	0.1	0.3	0.4	0.0+	0.0+	0.7	0.2	0.1	0.4			0.8
Number	62	996	1720	4	4	10009	897	45	1689	0	0	15426
Female												
Sample Number	1	170	114	0	3	1876	157	9	290	1	2	2623
Percent	0.0+	3.2	2.2	0.0	0.0+	36.0	2.9	0.2	5.5	0.0+	0.0+	50.0
Standard Error	0.0+	0.3	0.2		0.0	0.8	0.3	0.1	0.4	0.0+	0.0+	0.8
Number	4	1013	684	0	15	11378	909	61	1745	4	11	15823
Sexes Combined[1]												
Sample Number	13	315	410	1	4	3533	317	16	556	1	2	5168
Percent	0.2	6.4	7.6	0.0+	0.1	68.8	5.7	0.3	10.9	0.0+	0.0+	100.0
Standard Error	0.1	0.4	0.4	0.0+	0.0+	0.7	0.3	0.1	0.5	0.0+	0.0+	
Number	67	2012	2415	4	19	21745	1806	106	3438	4	11	31627

[1] Includes unsexed fish totals.

Appendix Table 20. Canadian commercial gill net catch of sockeye salmon on the Taku River, sex and age by sample period, 1983.

	Brood Year and Age Class								
	1980	1979		1978		1977		1976	
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.3	Total
Period Number 1 (June 12-July 16)									
Male									
Sample Number	2	5	39	200	1	0	14	0	261
Percent	0.4	1.0	7.4	37.9	0.2	0.0	2.7	0.0	49.6
Standard Error	0.3	0.4	1.1	2.1	0.2		0.7		2.2
Number	17	41	323	1657	8	0	116	0	2163
Female									
Sample Number	0	6	5	237	2	0	14	1	265
Percent	0.0	1.1	1.0	45.0	0.4	0.0	2.7	0.2	50.4
Standard Error		0.6	0.6	3.1	0.4		1.0	0.3	2.2
Number	0	50	41	1964	17	0	116	8	2196
Sexes Combined									
Sample Number	2	11	44	437	3	0	28	1	526
Percent	0.4	2.1	8.4	83.0	0.6	0.0	5.3	0.2	100.0
Standard Error	0.3	0.6	1.2	1.6	0.3		1.0	0.2	
Number	17	91	365	3621	25	0	232	8	4359
Period Number 2 (July 17-August 6)									
Male									
Sample Number	2	31	68	140	24	1	26	0	292
Percent	0.3	5.1	11.1	22.9	3.9	0.2	4.2	0.0	47.7
Standard Error	0.2	0.9	1.3	1.7	0.8	0.2	0.8		2.0
Number	30	465	1019	2098	360	15	390	0	4376
Female									
Sample Number	1	45	16	223	16	0	19	0	320
Percent	0.2	7.4	2.6	36.4	2.6	0.0	3.1	0.0	52.3
Standard Error	0.2	1.1	0.6	1.9	0.6		0.7		2.0
Number	15	674	240	3342	240	0	285	0	4795
Sexes Combined									
Sample Number	3	76	84	363	40	1	45	0	612
Percent	0.5	12.4	13.7	59.3	6.5	0.2	7.4	0.0	100.0
Standard Error	0.3	1.3	1.4	2.0	1.0	0.2	1.1		
Number	45	1139	1259	5440	599	15	674	0	9171
Period Number 3 (August 7-October 1)									
Male									
Sample Number	2	28	38	118	29	0	6	0	221
Percent	0.4	5.7	7.8	24.2	5.9	0.0	1.2	0.0	45.2
Standard Error	0.3	1.1	1.2	1.9	1.1		0.5		2.3
Number	14	202	275	853	210	0	43	0	1597
Female									
Sample Number	0	45	18	160	33	0	11	0	267
Percent	0.0	9.2	3.7	32.8	6.8	0.0	2.3	0.0	54.8
Standard Error		1.3	0.9	2.1	1.1		0.7		2.3
Number	0	325	130	1156	238	0	79	0	1929
Sexes Combined									
Sample Number	2	73	56	278	62	0	17	0	488
Percent	0.4	15.0	11.5	57.0	12.7	0.0	3.5	0.0	100.0
Standard Error	0.3	1.6	1.4	2.2	1.5		0.8		
Number	14	527	405	2009	448	0	123	0	3526

-Continued-

Appendix Table 20. Canadian commercial gill net catch of sockeye salmon on the Taku River, sex and age by sample period, 1983 (continued).

	Brood Year and Age Class								
	1980	1979		1978		1977		1976	
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.3	Total
Combined Periods (Percentages are weighted by period catches)									
Male									
Sample Number	6	64	145	458	54	1	46	0	774
Percent	0.4	4.1	9.5	27.0	3.4	0.1	3.2	0.0	47.7
Standard Error	0.3	0.5	0.8	1.1	0.5	0.1	0.5		1.3
Number	61	708	1617	4608	577	15	549	0	8135
Female									
Sample Number	1	96	39	620	51	0	44	1	852
Percent	0.1	6.2	2.4	37.9	2.9	0.0	2.8	0.0+	52.3
Standard Error	0.1	0.7	0.4	1.4	0.4		0.5	0.0+	1.3
Number	15	1049	411	6462	495	0	480	8	8921
Sexes Combined									
Sample Number	7	160	184	1078	105	1	90	1	1626
Percent	0.5	10.3	11.9	64.9	6.3	0.1	6.0	0.0+	100.0
Standard Error	0.2	0.8	0.9	1.2	0.6	0.1	0.6	0.0+	
Number	76	1757	2029	11070	1072	15	1029	8	17056

Appendix Table 21. District 115 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class												
	1980		1979		1978			1977			1976		
	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
Period Number 1 (June 19-25)													
Male													
Sample Number	0	0	5	0	0	177	1	7	52	0	0	0	242
Percent	0.0	0.0	0.9	0.0	0.0	32.4	0.2	1.3	9.5	0.0	0.0	0.0	44.3
Standard Error			0.6			3.0	0.3	0.7	1.9				2.1
Number	0	0	22	0	0	794	4	32	233	0	0	0	1085
Female													
Sample Number	0	0	6	2	0	229	6	1	60	0	0	0	304
Percent	0.0	0.0	1.1	0.4	0.0	41.9	1.1	0.2	11.0	0.0	0.0	0.0	55.7
Standard Error			0.6	0.4		2.8	0.6	0.3	1.8				2.1
Number	0	0	27	9	0	1027	27	4	269	0	0	0	1363
Sexes Combined													
Sample Number	0	0	11	2	0	406	7	8	112	0	0	0	546
Percent	0.0	0.0	2.0	0.4	0.0	74.3	1.3	1.5	20.5	0.0	0.0	0.0	100.0
Standard Error			0.6	0.3		1.9	0.5	0.5	1.7				
Number	0	0	49	9	0	1821	31	36	502	0	0	0	2448
Period Number 2 (June 26-July 2)													
Male													
Sample Number	0	0	10	7	1	138	0	1	31	0	0	0	188
Percent	0.0	0.0	1.9	1.3	0.2	26.0	0.0	0.2	5.8	0.0	0.0	0.0	35.4
Standard Error			1.0	0.8	0.3	3.2		0.3	1.7				2.1
Number	0	0	88	62	9	1221	0	9	274	0	0	0	1663
Female													
Sample Number	0	0	18	7	0	244	2	1	71	0	0	0	343
Percent	0.0	0.0	3.4	1.3	0.0	46.0	0.4	0.2	13.4	0.0	0.0	0.0	64.6
Standard Error			1.0	0.6		2.7	0.3	0.2	1.8				2.1
Number	0	0	159	62	0	2158	18	9	628	0	0	0	3034
Sexes Combined													
Sample Number	0	0	28	14	1	382	2	2	102	0	0	0	531
Percent	0.0	0.0	5.3	2.6	0.2	71.9	0.4	0.4	19.2	0.0	0.0	0.0	100.0
Standard Error			1.0	0.7	0.2	2.0	0.3	0.3	1.7				
Number	0	0	247	124	9	3379	18	18	902	0	0	0	4697
Period Number 3 (July 3-9)													
Male													
Sample Number	0	0	9	7	1	231	13	1	85	0	0	0	347
Percent	0.0	0.0	1.2	1.0	0.1	31.8	1.8	0.1	11.7	0.0	0.0	0.0	47.7
Standard Error			0.6	0.5	0.2	2.5	0.7	0.2	1.7				1.9
Number	0	0	121	94	13	3107	175	14	1144	0	0	0	4668
Female													
Sample Number	0	0	12	6	0	263	11	1	87	0	0	0	380
Percent	0.0	0.0	1.7	0.8	0.0	36.2	1.5	0.1	12.0	0.0	0.0	0.0	52.3
Standard Error			0.7	0.5		2.5	0.6	0.2	1.7				1.9
Number	0	0	161	81	0	3538	148	13	1170	0	0	0	5111
Sexes Combined													
Sample Number	0	0	21	13	1	494	24	2	172	0	0	0	727
Percent	0.0	0.0	2.9	1.8	0.1	68.0	3.3	0.2	23.7	0.0	0.0	0.0	100.0
Standard Error			0.6	0.5	0.1	1.7	0.7	0.2	1.6				
Number	0	0	282	175	13	6645	323	27	2314	0	0	0	9779

-Continued-

Appendix Table 21. District 115 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class												
	1980		1979		1978			1977			1976		
	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
Period Number 4 (July 10-16)													
Male													
Sample Number	0	0	2	10	0	183	6	0	67	0	0	0	268
Percent	0.0	0.0	0.3	1.6	0.0	28.6	0.9	0.0	10.5	0.0	0.0	0.0	41.9
Standard Error			0.3	0.8		2.8	0.6		1.9				2.0
Number	0	0	26	132	0	2406	79	0	880	0	0	0	3523
Female													
Sample Number	0	0	6	2	0	273	5	0	85	0	0	0	371
Percent	0.0	0.0	0.9	0.3	0.0	42.7	0.8	0.0	13.3	0.0	0.0	0.0	58.1
Standard Error			0.5	0.3		2.6	0.5		1.8				2.0
Number	0	0	79	26	0	3589	66	0	1118	0	0	0	4878
Sexes Combined													
Sample Number	0	0	8	12	0	456	11	0	152	0	0	0	639
Percent	0.0	0.0	1.2	1.9	0.0	71.4	1.7	0.0	23.8	0.0	0.0	0.0	100.0
Standard Error			0.4	0.5		1.8	0.5		1.7				
Number	0	0	105	158	0	5995	145	0	1998	0	0	0	8401
Period Number 5 (July 17-23)													
Male													
Sample Number	0	0	5	29	0	360	12	2	98	0	0	0	506
Percent	0.0	0.0	0.5	2.9	0.0	35.9	1.2	0.2	9.8	0.0	0.0	0.0	50.4
Standard Error			0.3	0.7		2.1	0.5	0.2	1.3				1.6
Number	0	0	136	792	0	9832	328	55	2676	0	0	0	13819
Female													
Sample Number	0	0	5	6	0	365	6	0	116	0	0	0	498
Percent	0.0	0.0	0.5	0.6	0.0	36.4	0.6	0.0	11.6	0.0	0.0	0.0	49.6
Standard Error			0.3	0.3		2.2	0.3		1.4				1.6
Number	0	0	137	164	0	9968	164	0	3168	0	0	0	13601
Sexes Combined													
Sample Number	0	0	10	35	0	725	18	2	214	0	0	0	1004
Percent	0.0	0.0	1.0	3.5	0.0	72.2	1.8	0.2	21.3	0.0	0.0	0.0	100.0
Standard Error			0.3	0.6		1.4	0.4	0.1	1.3				
Number	0	0	273	956	0	19800	492	55	5844	0	0	0	27420
Period Number 6 (July 24-30)													
Male													
Sample Number	0	1	8	12	0	230	6	1	79	0	0	0	337
Percent	0.0	0.2	1.3	2.0	0.0	37.5	1.0	0.2	12.9	0.0	0.0	0.0	55.1
Standard Error		0.2	0.6	0.8		2.6	0.5	0.2	1.8				2.0
Number	0	96	767	1151	0	22052	575	96	7574	0	0	0	32311
Female													
Sample Number	0	0	5	5	0	175	4	0	86	0	0	0	275
Percent	0.0	0.0	0.8	0.8	0.0	28.6	0.6	0.0	14.1	0.0	0.0	0.0	44.9
Standard Error			0.5	0.5		2.7	0.5		2.1				2.0
Number	0	0	479	479	0	16779	384	0	8246	0	0	0	26367
Sexes Combined													
Sample Number	0	1	13	17	0	405	10	1	165	0	0	0	612
Percent	0.0	0.2	2.1	2.8	0.0	66.1	1.6	0.2	27.0	0.0	0.0	0.0	100.0
Standard Error		0.2	0.6	0.7		1.9	0.5	0.2	1.8				
Number	0	96	1246	1630	0	38831	959	96	15820	0	0	0	58678

-Continued-

Appendix Table 21. District 115 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class												
	1980		1979		1978			1977			1976		
	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
Period Number 7 (July 31-August 6)													
Male													
Sample Number	0	0	6	14	0	225	21	0	111	0	0	0	377
Percent	0.0	0.0	0.8	1.8	0.0	28.5	2.7	0.0	14.1	0.0	0.0	0.0	47.9
Standard Error			0.5	0.7		2.3	0.8		1.8				1.8
Number	0	0	451	1053	0	16918	1579	0	8346	0	0	0	28347
Female													
Sample Number	0	0	4	14	0	225	26	1	140	0	0	0	410
Percent	0.0	0.0	0.5	1.8	0.0	28.6	3.3	0.1	17.8	0.0	0.0	0.0	52.1
Standard Error			0.3	0.7		2.2	0.9	0.2	1.9				1.8
Number	0	0	301	1053	0	16918	1955	75	10527	0	0	0	30829
Sexes Combined													
Sample Number	0	0	10	28	0	450	47	1	251	0	0	0	787
Percent	0.0	0.0	1.3	3.6	0.0	57.1	6.0	0.1	31.9	0.0	0.0	0.0	100.0
Standard Error			0.4	0.7		1.8	0.8	0.1	1.7				
Number	0	0	752	2106	0	33836	3534	75	18873	0	0	0	59176
Period Number 8 (August 7-13)													
Male													
Sample Number	0	0	5	21	0	195	28	2	133	0	0	0	384
Percent	0.0	0.0	0.6	2.6	0.0	24.1	3.4	0.2	16.4	0.0	0.0	0.0	47.3
Standard Error			0.4	0.8		2.2	0.9	0.2	1.9				1.8
Number	0	0	373	1566	0	14544	2088	149	9919	0	0	0	28639
Female													
Sample Number	1	0	3	8	0	252	20	0	144	0	0	0	428
Percent	0.1	0.0	0.4	1.0	0.0	31.0	2.5	0.0	17.7	0.0	0.0	0.0	52.7
Standard Error	0.2		0.3	0.5		2.2	0.8		1.8				1.8
Number	75	0	224	597	0	18793	1492	0	10740	0	0	0	31921
Sexes Combined													
Sample Number	1	0	8	29	0	447	48	2	277	0	0	0	812
Percent	0.1	0.0	1.0	3.6	0.0	55.1	5.9	0.2	34.1	0.0	0.0	0.0	100.0
Standard Error	0.1		0.3	0.7		1.7	0.8	0.2	1.7				
Number	75	0	597	2163	0	33337	3580	149	20659	0	0	0	60560
Period Number 9 (August 14-20)													
Male													
Sample Number	0	0	7	21	0	219	46	5	164	0	0	0	462
Percent	0.0	0.0	0.8	2.3	0.0	23.5	5.0	0.5	17.6	0.0	0.0	0.0	49.7
Standard Error			0.4	0.7		2.0	1.0	0.3	1.8				1.6
Number	0	0	260	779	0	8125	1707	186	6085	0	0	0	17142
Female													
Sample Number	0	0	0	24	0	235	45	2	162	0	0	0	468
Percent	0.0	0.0	0.0	2.6	0.0	25.3	4.8	0.2	17.4	0.0	0.0	0.0	50.3
Standard Error				0.7		2.0	1.0	0.2	1.8				1.6
Number	0	0	0	891	0	8720	1669	74	6011	0	0	0	17365
Sexes Combined													
Sample Number	0	0	7	45	0	454	91	7	326	0	0	0	930
Percent	0.0	0.0	0.8	4.9	0.0	48.8	9.8	0.7	35.0	0.0	0.0	0.0	100.0
Standard Error			0.3	0.7		1.6	1.0	0.3	1.6				
Number	0	0	260	1670	0	16845	3376	260	12096	0	0	0	34507

-Continued-

Appendix Table 21. District 115 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class												
	1980		1979		1978			1977			1976		
	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
Period Number 10 (August 21-27)													
Male													
Sample Number	0	0	0	9	0	231	70	1	248	1	1	2	563
Percent	0.0	0.0	0.0	0.7	0.0	18.7	5.6	0.1	19.9	0.1	0.1	0.1	45.3
Standard Error				0.4		1.6	1.0	0.1	1.7	0.1	0.1	0.1	1.4
Number	0	0	0	355	0	9132	2767	40	9805	40	40	79	22258
Female													
Sample Number	0	0	2	5	0	315	62	0	294	2	0	1	681
Percent	0.0	0.0	0.2	0.4	0.0	25.3	5.0	0.0	23.6	0.1	0.0	0.1	54.7
Standard Error			0.2	0.2		1.7	0.8		1.6	0.1		0.1	1.4
Number	0	0	79	198	0	12454	2451	0	11623	79	0	40	26924
Sexes Combined													
Sample Number	0	0	2	14	0	546	132	1	542	3	1	3	1244
Percent	0.0	0.0	0.2	1.1	0.0	43.9	10.6	0.1	43.5	0.2	0.1	0.2	100.0
Standard Error			0.1	0.3		1.4	0.9	0.1	1.4	0.1	0.1	0.1	
Number	0	0	79	553	0	21586	5218	40	21428	119	40	119	49182
Period Number 11 (August 28-Sept. 3)													
Male													
Sample Number	0	0	0	6	0	169	87	0	205	1	0	0	468
Percent	0.0	0.0	0.0	0.6	0.0	17.2	8.9	0.0	20.8	0.1	0.0	0.0	47.6
Standard Error				0.4		1.7	1.3		1.9	0.1			1.6
Number	0	0	0	253	0	7140	3670	0	8634	42	0	0	19739
Female													
Sample Number	0	0	1	5	0	217	82	1	209	0	0	0	516
Percent	0.0	0.0	0.1	0.5	0.0	22.1	8.3	0.1	21.3	0.0	0.0	0.0	52.4
Standard Error			0.1	0.3		1.8	1.2	0.1	1.8				1.6
Number	0	0	42	211	0	9173	3461	42	8841	0	0	0	21770
Sexes Combined													
Sample Number	0	0	1	11	0	386	169	1	414	1	0	0	984
Percent	0.0	0.0	0.1	1.1	0.0	39.2	17.2	0.1	42.1	0.1	0.0	0.0	100.0
Standard Error			0.1	0.3		1.6	1.2	0.1	1.6	0.1			
Number	0	0	42	464	0	16313	7131	42	17475	42	0	0	41509
Period Number 12 (Sept. 4-10)													
Male													
Sample Number	0	0	0	3	0	208	83	1	301	1	0	0	597
Percent	0.0	0.0	0.0	0.3	0.0	20.3	8.1	0.1	29.3	0.1	0.0	0.0	58.2
Standard Error				0.2		1.6	1.1	0.1	1.9	0.1			1.5
Number	0	0	0	30	0	2096	836	10	3033	10	0	0	6015
Female													
Sample Number	0	0	0	4	0	183	49	0	192	1	0	0	429
Percent	0.0	0.0	0.0	0.4	0.0	17.8	4.8	0.0	18.7	0.1	0.0	0.0	41.8
Standard Error				0.3		1.8	1.0		1.9	0.2			1.5
Number	0	0	0	40	0	1844	494	0	1935	10	0	0	4323
Sexes Combined													
Sample Number	0	0	0	7	0	391	132	1	493	2	0	0	1026
Percent	0.0	0.0	0.0	0.7	0.0	38.1	12.9	0.1	48.0	0.2	0.0	0.0	100.0
Standard Error				0.3		1.5	1.0	0.1	1.6	0.1			
Number	0	0	0	70	0	3940	1330	10	4968	20	0	0	10338

-Continued-

Appendix Table 21. District 115 commercial gill net catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class												
	1980		1979		1978			1977			1976		
	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
Period Number 13 (Sept.11-Oct.15)													
Male													
Sample Number	0	0	0	5	0	189	54	0	241	4	0	1	494
Percent	0.0	0.0	0.0	0.7	0.0	25.7	7.4	0.0	32.8	0.6	0.0	0.1	67.3
Standard Error				0.4		2.0	1.2		2.1	0.3		0.1	1.7
Number	0	0	0	18	0	674	192	0	859	14	0	4	1761
Female													
Sample Number	0	0	0	2	0	85	38	0	112	1	2	0	240
Percent	0.0	0.0	0.0	0.3	0.0	11.6	5.1	0.0	15.3	0.1	0.3	0.0	32.7
Standard Error				0.4		2.1	1.4		2.3	0.2	0.4		1.7
Number	0	0	0	7	0	303	135	0	399	4	7	0	855
Sexes Combined													
Sample Number	0	0	0	7	0	274	92	0	353	5	2	1	734
Percent	0.0	0.0	0.0	1.0	0.0	37.3	12.5	0.0	48.1	0.7	0.3	0.1	100.0
Standard Error				0.4		1.8	1.2		1.8	0.3	0.2	0.1	
Number	0	0	0	25	0	977	327	0	1258	18	7	4	2616
Combined Periods (Percentages are weighted by period catches)													
Male													
Sample Number	0	1	57	144	2	2755	427	21	1815	7	1	3	5233
Percent	0.0	0.0+	0.6	1.7	0.0+	26.6	3.8	0.2	16.1	0.0+	0.0+	0.0+	49.0
Standard Error		0.0+	0.2	0.2	0.0+	0.8	0.3	0.1	0.6	0.0+	0.0+	0.0+	0.6
Number	0	96	2244	6285	22	98041	14000	591	59462	106	40	83	180970
Female													
Sample Number	1	0	62	90	0	3061	356	7	1758	4	2	1	5342
Percent	0.0+	0.0	0.5	1.0	0.0	28.5	3.4	0.0+	17.5	0.0+	0.0+	0.0+	51.0
Standard Error	0.0+		0.1	0.2		0.8	0.3	0.0+	0.6	0.0+	0.0+	0.0+	0.6
Number	75	0	1688	3818	0	105264	12464	217	64675	93	7	40	188341
Sexes Combined													
Sample Number	1	1	119	234	2	5816	783	28	3573	11	3	4	10575
Percent	0.0+	0.0+	1.1	2.7	0.0+	55.1	7.2	0.2	33.6	0.1	0.0+	0.0+	100.0
Standard Error	0.0+	0.0+	0.1	0.2	0.0+	0.6	0.3	0.1	0.6	0.0+	0.0+	0.0+	
Number	75	96	3932	10103	22	203305	26464	808	124135	199	47	123	369311

Appendix Table 22. District 101 Annette Island Reserve trap catch of sockeye salmon, sex and age by sample period, Southeastern Alaska, 1983.

	Brood Year and Age Class					
	1979		1978		1977	
	0.3	1.2	1.3	2.2	2.3	Total
Period Number 1 (July 3-Sept.3)						
Male						
Sample Number	1	15	14	8	8	46
Percent	0.6	8.9	8.4	4.8	4.8	27.5
Standard Error	0.6	2.2	2.2	1.7	1.7	3.8
Number	29	435	407	233	233	1337
Female						
Sample Number	0	10	14	7	2	33
Percent	0.0	6.0	8.4	4.2	1.2	19.8
Standard Error		1.8	2.2	1.6	0.8	3.8
Number	0	291	407	203	58	959
Sexes Combined[1]						
Sample Number	1	52	63	31	20	167
Percent	0.6	31.1	37.7	18.6	12.0	100.0
Standard Error	0.6	3.6	3.8	3.0	2.5	
Number	29	1511	1832	901	581	4854

[1] Includes unsexed fish totals.

Appendix Table 23. Age composition of the Fillmore Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class						
	1980	1979		1978		1977	
	1.1	1.2	2.1	1.3	2.2	2.3	Total
Sample Period 1 (August 21-22)							
Male							
Sample Number	57	28	3	12	1	4	105
Percent	39.0	19.2	2.1	8.2	0.7	2.7	71.9
Standard Error	4.8	3.9	1.4	2.7	0.8	1.6	3.7
Female							
Sample Number	0	3	0	34	0	4	41
Percent	0.0	2.1	0.0	23.3	0.0	2.7	28.1
Standard Error		2.3		6.7		2.6	3.7
Sexes Combined							
Sample Number	57	31	3	46	1	8	146
Percent	39.0	21.2	2.1	31.5	0.7	5.5	100.0
Standard Error	4.1	3.4	1.2	3.9	0.7	1.9	

Appendix Table 24. Age composition of the Hugh Smith Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class								
	1980	1979			1978		1977		
	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
Period Number 1 (June 1 - August 9)									
Male									
Sample Number	0	1	98	0	98	8	13	76	294
Percent	0.0	0.2	17.0	0.0	17.0	1.4	2.2	13.2	51.0
Standard Error		0.3	2.2		2.2	0.7	0.9	2.0	2.1
Number	0	9	837	0	837	68	111	649	2511
Female									
Sample Number	0	0	19	0	158	0	9	96	282
Percent	0.0	0.0	3.3	0.0	27.4	0.0	1.6	16.7	49.0
Standard Error			1.1		2.7		0.7	2.2	2.1
Number	0	0	162	0	1350	0	77	820	2409
Sexes Combined									
Sample Number	0	1	117	0	256	8	22	172	576
Percent	0.0	0.2	20.3	0.0	44.4	1.4	3.8	29.9	100.0
Standard Error		0.2	1.7		2.1	0.5	0.8	1.9	
Number	0	9	999	0	2187	68	188	1469	4920
Period Number 2 (August 10 - September 30)									
Male									
Sample Number	1	0	27	1	117	30	0	49	225
Percent	0.2	0.0	5.1	0.2	22.0	5.6	0.0	9.2	42.4
Standard Error	0.3		1.5	0.3	2.8	1.5		1.9	2.1
Number	10	0	261	10	1132	290	0	474	2177
Female									
Sample Number	0	1	13	0	192	19	1	80	306
Percent	0.0	0.2	2.4	0.0	36.2	3.6	0.2	15.1	57.6
Standard Error		0.3	0.9		2.8	1.1	0.3	2.1	2.1
Number	0	10	126	0	1858	184	10	774	2961
Sexes Combined									
Sample Number	1	1	40	1	309	49	1	129	531
Percent	0.2	0.2	7.5	0.2	58.2	9.2	0.2	24.3	100.0
Standard Error	0.2	0.2	1.1	0.2	2.1	1.3	0.2	1.9	
Number	10	10	387	10	2990	474	10	1248	5138
Combined Periods (Percentages are weighted by period totals)									
Male									
Sample Number	1	1	125	1	215	38	13	125	519
Percent	0.1	0.1	10.9	0.1	19.6	3.6	1.1	11.2	46.6
Standard Error	0.2	0.1	1.3	0.2	1.8	0.9	0.4	1.4	1.5
Number	10	9	1098	10	1969	359	111	1123	4688
Female									
Sample Number	0	1	32	0	350	19	10	176	588
Percent	0.0	0.1	2.9	0.0	31.9	1.8	0.9	15.8	53.4
Standard Error		0.1	0.7		1.9	0.5	0.4	1.5	1.5
Number	0	10	288	0	3207	184	87	1594	5370
Sexes Combined									
Sample Number	1	2	157	1	565	57	23	301	1107
Percent	0.1	0.2	13.8	0.1	51.4	5.4	2.0	27.0	100.0
Standard Error	0.1	0.1	1.0	0.1	1.5	0.7	0.4	1.3	
Number	10	18	1386	10	5177	542	198	2717	10058

Appendix Table 25. Age composition of the Leask Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class						
	1979		1978		1977	1976	
	1.2	2.1	1.3	2.2	2.3	3.3	Total
Sample Period 1 (August 26-27)							
Male							
Sample Number	3	2	2	5	25	1	38
Percent	5.2	3.4	3.5	8.6	43.1	1.7	65.5
Standard Error	3.7	3.0	3.0	4.6	8.1	2.1	6.3
Female							
Sample Number	0	1	0	5	13	1	20
Percent	0.0	1.7	0.0	8.6	22.4	1.7	34.5
Standard Error		3.0		6.4	9.6	3.0	6.3
Sexes Combined							
Sample Number	3	3	2	10	38	2	58
Percent	5.2	5.2	3.5	17.2	65.5	3.4	100.0
Standard Error	2.9	2.9	2.4	5.0	6.3	2.4	

Appendix Table 26. Age composition of the McDonald Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class						
	1979			1978		1977	
	0.3	1.2	2.1	1.3	2.2	2.3	Total
Period Number 1 (July 9 - August 6)							
Male							
Sample Number	1	353	1	41	29	143	568
Percent	0.1	52.4	0.2	6.1	4.3	21.2	84.3
Standard Error	0.1	2.1	0.2	1.0	0.9	1.7	1.4
Number	37	13171	37	1530	1082	5336	21193
Female							
Sample Number	1	11	0	7	2	85	106
Percent	0.1	1.6	0.0	1.0	0.3	12.6	15.7
Standard Error	0.3	1.2		1.0	0.5	3.2	1.4
Number	37	410	0	261	75	3171	3955
Sexes Combined							
Sample Number	2	364	1	48	31	228	674
Percent	0.3	54.0	0.2	7.1	4.6	33.8	100.0
Standard Error	0.2	1.9	0.2	1.0	0.8	1.8	
Number	75	13581	37	1791	1157	8507	25148
Period Number 2 (August 7 - Sept. 1)							
Male							
Sample Number	1	127	0	105	14	144	391
Percent	0.1	18.4	0.0	15.2	2.0	20.8	56.5
Standard Error	0.2	2.0		1.8	0.7	2.1	1.9
Number	45	5689	0	4703	627	6451	17515
Female							
Sample Number	0	7	0	100	2	192	301
Percent	0.0	1.0	0.0	14.5	0.3	27.7	43.5
Standard Error		0.6		2.0	0.3	2.6	1.9
Number	0	314	0	4480	90	8600	13484
Sexes Combined							
Sample Number	1	134	0	205	16	336	692
Percent	0.1	19.4	0.0	29.6	2.3	48.6	100.0
Standard Error	0.1	1.5		1.7	0.6	1.9	
Number	45	6003	0	9183	717	15051	30999
Combined Periods (Percentages are weighted by period totals)							
Male							
Sample Number	2	480	1	146	43	287	959
Percent	0.1	33.6	0.1	11.1	3.0	21.0	68.9
Standard Error	0.1	1.4	0.1	1.1	0.5	1.4	1.2
Number	82	18860	37	6233	1709	11786	38708
Female							
Sample Number	1	18	0	107	4	277	407
Percent	0.1	1.3	0.0	8.4	0.3	21.0	31.1
Standard Error	0.1	0.6		1.2	0.3	2.0	1.2
Number	37	724	0	4741	165	11771	17439
Sexes Combined							
Sample Number	3	498	1	253	47	564	1366
Percent	0.2	34.9	0.1	19.5	3.3	42.0	100.0
Standard Error	0.1	1.2	0.1	1.1	0.5	1.3	
Number	120	19584	37	10974	1874	23558	56147

Appendix Table 27. Age composition of the Naha Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1979		1978		1977		1976	
	0.3	1.2	1.3	2.2	1.4	2.3	3.3	Total
Period Number 1 (June 13- June 30)								
Male								
Sample Number	0	61	48	24	0	3	0	136
Percent	0.0	24.7	19.4	9.7	0.0	1.2	0.0	55.1
Standard Error		3.7	3.4	2.5		0.9		3.2
Number	0	78	61	31	0	4	0	174
Female								
Sample Number	0	26	70	13	0	2	0	111
Percent	0.0	10.5	28.3	5.3	0.0	0.8	0.0	44.9
Standard Error		2.9	4.3	2.1		0.8		3.2
Number	0	33	90	16	0	3	0	142
Sexes Combined								
Sample Number	0	87	118	37	0	5	0	247
Percent	0.0	35.2	47.8	15.0	0.0	2.0	0.0	100.0
Standard Error		3.0	3.2	2.3		0.9		
Number	0	111	151	47	0	7	0	316
Period Number 2 (July 1-July 9)								
Male								
Sample Number	0	67	70	13	1	3	0	154
Percent	0.0	23.2	24.2	4.5	0.3	1.0	0.0	53.3
Standard Error		3.4	3.5	1.7		0.8		2.9
Number	0	121	126	23	2	5	0	277
Female								
Sample Number	0	31	90	10	1	2	1	135
Percent	0.0	10.7	31.1	3.5	0.3	0.7	0.3	46.7
Standard Error		2.7	4.0	1.6	0.5	0.7	0.5	2.9
Number	0	55	162	18	2	4	2	243
Sexes Combined								
Sample Number	0	98	160	23	2	5	1	289
Percent	0.0	33.9	55.4	8.0	0.7	1.7	0.3	100.0
Standard Error		2.8	2.9	1.6	0.5	0.8	0.3	
Number	0	176	288	41	4	9	2	520
Period Number 3 (July 10-July 18)								
Male								
Sample Number	0	84	148	39	2	15	0	288
Percent	0.0	19.4	34.2	9.0	0.5	3.5	0.0	66.5
Standard Error		2.3	2.8	1.7	0.4	1.1		2.3
Number	0	287	504	133	7	51	0	982
Female								
Sample Number	0	28	91	8	0	18	0	145
Percent	0.0	6.5	21.0	1.8	0.0	4.2	0.0	33.5
Standard Error		2.1	3.4	1.1		1.7		2.3
Number	0	95	311	27	0	61	0	494
Sexes Combined								
Sample Number	0	112	239	47	2	33	0	433
Percent	0.0	25.9	55.2	10.8	0.5	7.6	0.0	100.0
Standard Error		2.1	2.4	1.5	0.3	1.3		
Number	0	382	815	160	7	112	0	1476

-Continued-

Appendix Table 27. Age composition of the Naha Lake escapement by sample period and sex, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class							
	1979		1978		1977		1976	
	0.3	1.2	1.3	2.2	1.4	2.3	3.3	Total
Period Number 4 (July 19-August 26)								
Male								
Sample Number	1	126	185	35	1	16	0	364
Percent	0.1	18.6	27.2	5.2	0.1	2.4	0.0	53.6
Standard Error	0.2	2.0	2.3	1.2	0.2	0.8		1.9
Number	3	439	646	122	3	56	0	1269
Female								
Sample Number	0	64	203	24	2	22	0	315
Percent	0.0	9.4	29.9	3.5	0.3	3.3	0.0	46.4
Standard Error		1.6	2.6	1.0	0.3	1.0		1.9
Number	0	223	708	84	7	76	0	1098
Sexes Combined								
Sample Number	1	190	388	59	3	38	0	679
Percent	0.1	28.0	57.1	8.7	0.4	5.6	0.0	100.0
Standard Error	0.1	1.7	1.9	1.1	0.2	0.9		
Number	3	662	1354	206	10	132	0	2367
Combined Periods (Percentages are weighted by period totals)								
Male								
Sample Number	1	338	451	111	4	37	0	942
Percent	0.1	19.8	28.6	6.6	0.3	2.5	0.0	57.7
Standard Error	0.1	1.3	1.5	0.8	0.2	0.5		1.3
Number	3	925	1337	309	12	116	0	2702
Female								
Sample Number	0	149	454	55	3	44	1	706
Percent	0.0	8.7	27.1	3.1	0.2	3.1	0.0	42.3
Standard Error		1.1	1.8	0.7	0.2	0.7	0.1	1.3
Number	0	406	1271	145	9	144	2	1977
Sexes Combined								
Sample Number	1	487	905	166	7	81	1	1648
Percent	0.1	28.5	55.7	9.7	0.4	5.6	0.0	100.0
Standard Error	0.1	1.2	1.3	0.8	0.2	0.6	0.0+	
Number	3	1331	2608	454	21	260	2	4679

Appendix Table 28. Age composition of the Helm Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class						
	1980	1979		1978		1977	
	1.1	1.2	2.1	1.3	2.2	2.3	Total
Sample Period 1 (Sept. 21-22)							
Male							
Sample Number	15	7	2	9	41	20	94
Percent	5.5	2.5	0.7	3.3	15.0	7.3	34.3
Standard Error	2.4	1.6	0.9	1.9	3.7	2.7	2.9
Female							
Sample Number	1	15	2	19	104	39	180
Percent	0.4	5.5	0.7	6.9	38.0	14.2	65.7
Standard Error	0.5	1.7	0.6	1.9	3.6	2.6	2.9
Sexes Combined							
Sample Number	16	22	4	28	145	59	274
Percent	5.8	8.0	1.5	10.2	53.0	21.5	100.0
Standard Error	1.4	1.6	0.7	1.8	3.0	2.5	

Appendix Table 29. Age composition of the Johnson Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class						
	1980	1979		1978		1977	
	1.1	1.2	2.1	1.3	2.2	2.3	Total
Sample Period 1 (Sept.13-22)							
Male							
Sample Number	3	24	4	160	22	106	319
Percent	0.5	4.3	0.7	28.4	3.9	18.9	56.7
Standard Error	0.4	1.1	0.5	2.5	1.1	2.2	2.1
Female							
Sample Number	0	25	0	118	18	83	244
Percent	0.0	4.4	0.0	21.0	3.2	14.7	43.3
Standard Error		1.3		2.6	1.1	2.3	2.1
Sexes Combined							
Sample Number	3	49	4	278	40	189	563
Percent	0.5	8.7	0.7	49.4	7.1	33.6	100.0
Standard Error	0.3	1.2	0.4	2.1	1.1	2.0	

Appendix Table 30. Age composition of the Kegan Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1979			1978		1977		
	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
Period Number 1 (June 20- July 14)								
Male								
Sample Number	1	31	0	142	52	1	60	288
Percent	0.2	5.5	0.0	25.3	9.3	0.2	10.7	51.3
Standard Error	0.3	1.3		2.6	1.7	0.3	1.8	2.1
Number	4	126	0	575	211	4	243	1167
Female								
Sample Number	0	10	0	187	28	0	48	273
Percent	0.0	1.8	0.0	33.3	5.0	0.0	8.6	48.7
Standard Error		0.8		2.9	1.3		1.7	2.1
Number	0	41	0	758	113	0	194	1106
Sexes Combined								
Sample Number	1	41	0	329	80	1	108	561
Percent	0.2	7.3	0.0	58.6	14.3	0.2	19.3	100.0
Standard Error	0.2	1.1		2.1	1.5	0.2	1.7	
Number	4	166	0	1333	324	4	438	2273
Period Number 2 (July 15- August 2)								
Male								
Sample Number	0	22	0	195	52	2	67	338
Percent	0.0	3.8	0.0	33.6	9.0	0.3	11.5	58.2
Standard Error		1.0		2.6	1.6	0.3	1.7	2.0
Number	0	111	0	980	261	10	337	1699
Female								
Sample Number	0	17	0	145	25	2	54	243
Percent	0.0	2.9	0.0	25.0	4.3	0.3	9.3	41.8
Standard Error		1.1		2.8	1.3	0.4	1.9	2.0
Number	0	85	0	729	126	10	271	1221
Sexes Combined								
Sample Number	0	39	0	340	77	4	121	581
Percent	0.0	6.7	0.0	58.5	13.3	0.7	20.8	100.0
Standard Error		1.0		2.0	1.4	0.3	1.7	
Number	0	196	0	1709	387	20	608	2920
Period Number 3 (August 3- Sept. 12)								
Male								
Sample Number	0	26	2	89	57	0	94	268
Percent	0.0	4.7	0.4	16.0	10.2	0.0	16.9	48.1
Standard Error		1.3	0.4	2.2	1.9		2.3	2.1
Number	0	166	13	569	364	0	600	1712
Female								
Sample Number	0	13	0	126	50	0	100	289
Percent	0.0	2.3	0.0	22.6	9.0	0.0	18.0	51.9
Standard Error		0.9		2.5	1.7		2.3	2.1
Number	0	83	0	805	319	0	639	1846
Sexes Combined								
Sample Number	0	39	2	215	107	0	194	557
Percent	0.0	7.0	0.4	38.6	19.2	0.0	34.8	100.0
Standard Error		1.1	0.3	2.1	1.7		2.0	
Number	0	249	13	1373	683	0	1239	3558

-Continued-

Appendix Table 30. Age composition of the Kegan Lake escapement by sample period and sex, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class							
	1979			1978		1977		
	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
Combined Periods (Percentages are weighted by period totals)								
Male								
Sample Number	1	79	2	426	161	3	221	894
Percent	0.0	4.6	0.1	24.3	9.6	0.2	13.5	52.3
Standard Error	0.1	0.7	0.1	1.4	1.0	0.1	1.2	1.2
Number	4	402	13	2124	836	14	1180	4573
Female								
Sample Number	0	40	0	458	103	2	202	805
Percent	0.0	2.4	0.0	26.2	6.4	0.1	12.6	47.7
Standard Error		0.9		1.6	0.8	0.1	1.1	1.2
Number	0	209	0	2291	558	10	1105	4173
Sexes Combined								
Sample Number	1	119	2	884	264	5	423	1699
Percent	0.0	7.0	0.1	50.5	15.9	0.3	26.1	100.0
Standard Error	0.3	1.3		2.6	1.7	0.3	1.8	2.1
Number	4	611	13	4415	1395	24	2285	8751

Appendix Table 31. Age composition of the Karta River escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class					
	1979	1978		1977		
	1.2	1.3	2.2	1.4	2.3	Total
Period Number 1 (June 18- July 8)						
Male						
Sample Number	7	163	7	1	20	198
Percent	1.5	35.7	1.5	0.2	4.4	43.4
Standard Error	0.9	3.4	0.9	0.3	1.5	2.3
Number	202	4714	202	29	578	5725
Female						
Sample Number	5	230	1	0	22	258
Percent	1.1	50.4	0.2	0.0	4.8	56.6
Standard Error	0.7	3.1	0.3		1.3	2.3
Number	145	6650	29	0	636	7460
Sexes Combined						
Sample Number	12	393	8	1	42	456
Percent	2.6	86.2	1.8	0.2	9.2	100.0
Standard Error	0.7	1.6	0.6	0.2	1.4	
Number	347	11364	231	29	1214	13185
Period Number 2 (July 9- Sept. 12)						
Male						
Sample Number	8	181	11	0	25	225
Percent	1.7	38.9	2.4	0.0	5.4	48.4
Standard Error	0.9	3.3	1.0		1.5	2.3
Number	161	3638	221	0	503	4523
Female						
Sample Number	3	208	5	0	23	239
Percent	0.7	44.7	1.1	0.0	5.0	51.4
Standard Error	0.5	3.2	0.7		1.4	2.3
Number	60	4181	101	0	462	4804
Sexes Combined[1]						
Sample Number	11	390	16	0	48	465
Percent	2.4	83.9	3.4	0.0	10.3	100.0
Standard Error	0.7	1.7	0.8		1.4	
Number	221	7839	322	0	965	9347
Combined Periods (Percentages are weighted by period totals)						
Male						
Sample Number	15	344	18	1	45	423
Percent	1.6	37.1	1.9	0.1	4.8	45.5
Standard Error	0.6	2.4	0.7	0.2	1.1	1.7
Number	363	8352	423	29	1081	10248
Female						
Sample Number	8	438	6	0	45	497
Percent	0.9	48.1	0.6	0.0	4.9	54.4
Standard Error	0.4	2.3	0.3		1.0	1.7
Number	205	10831	130	0	1098	12264
Sexes Combined[1]						
Sample Number	23	783	24	1	90	921
Percent	2.5	85.2	2.5	0.1	9.7	100.0
Standard Error	0.5	1.2	0.5	0.1	1.0	
Number	568	19203	553	29	2179	22532

[1] Includes unsexed fish totals.

Appendix Table 32. Age composition of the Klakas Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1979		1978		1977		1976	
	0.3	1.2	1.3	2.2	1.4	2.3	2.4	Total
Sample Period 1 (June 8-Nov. 10)								
Male								
Sample Number	1	40	168	11	4	16	1	241
Percent	0.1	5.8	24.4	1.6	0.6	2.3	0.1	34.9
Standard Error	0.2	1.5	2.8	0.8	0.5	1.0	0.2	1.8
Number	1	82	345	23	8	32	1	492
Female								
Sample Number	1	84	311	18	5	31	0	450
Percent	0.1	12.2	45.0	2.6	0.7	4.5	0.0	65.1
Standard Error	0.1	1.5	2.3	0.8	0.4	1.0		1.8
Number	1	172	637	37	10	64	0	921
Sexes Combined								
Sample Number	2	124	479	29	9	47	1	691
Percent	0.3	18.0	69.3	4.2	1.3	6.8	0.1	100.0
Standard Error	0.2	1.5	1.8	0.8	0.4	1.0	0.1	
Number	2	254	982	60	18	96	1	1413

Appendix Table 33. Age composition of the Hetta Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class			
	1980	1979	1978	
	1.1	1.2	1.3	Total
Sample Period 1 (Sept.23)				
Male				
Sample Number	13	12	37	62
Percent	11.4	10.5	32.5	54.4
Standard Error	4.1	3.9	6.0	4.7
Female				
Sample Number	0	18	34	52
Percent	0.0	15.8	29.8	45.6
Standard Error		5.1	6.4	4.7
Sexes Combined				
Sample Number	13	30	71	114
Percent	11.4	26.3	62.3	100.0
Standard Error	3.0	4.1	4.6	

Appendix Table 34. Age composition of the Warmchuck Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class						
	1979		1978		1977		
	1.2	2.1	1.3	2.2	1.4	2.3	Total
Period Number 1 (June 19- August 5)							
Male							
Sample Number	127	0	254	24	0	29	434
Percent	18.8	0.0	37.7	3.6	0.0	4.3	64.4
Standard Error	1.9		2.3	0.9		1.0	1.8
Number	184	0	367	35	0	42	628
Female							
Sample Number	35	0	178	10	1	16	240
Percent	5.2	0.0	26.4	1.4	0.2	2.4	35.6
Standard Error	1.4		2.9	0.8	0.2	1.0	1.8
Number	51	0	257	14	1	23	346
Sexes Combined							
Sample Number	162	0	432	34	1	45	674
Percent	24.0	0.0	64.1	5.0	0.2	6.7	100.0
Standard Error	1.6		1.8	0.8	0.1	1.0	
Number	235	0	624	49	1	65	974
Period Number 2 (August 6-August 14)							
Male							
Sample Number	68	1	192	30	0	18	309
Percent	13.4	0.2	37.8	5.9	0.0	3.5	60.8
Standard Error	1.9	0.3	2.8	1.3		1.0	2.2
Number	187	3	528	82	0	49	849
Female							
Sample Number	30	0	135	29	0	5	199
Percent	5.9	0.0	26.6	5.7	0.0	1.0	39.2
Standard Error	1.7		3.1	1.6		0.7	2.2
Number	82	0	371	80	0	14	547
Sexes Combined							
Sample Number	98	1	327	59	0	23	508
Percent	19.3	0.2	64.4	11.6	0.0	4.5	100.0
Standard Error	1.8	0.2	2.1	1.4		0.9	
Number	269	3	899	162	0	63	1396
Period Number 3 (August 15-Sept. 29)							
Male							
Sample Number	40	0	233	49	0	28	350
Percent	7.0	0.0	40.7	8.6	0.0	4.9	61.2
Standard Error	1.4		2.6	1.5		1.2	2.0
Number	72	0	417	88	0	50	627
Female							
Sample Number	29	0	150	28	0	15	222
Percent	5.1	0.0	26.2	4.9	0.0	2.6	38.8
Standard Error	1.5		3.0	1.5		1.1	2.0
Number	52	0	269	50	0	27	398
Sexes Combined							
Sample Number	69	0	383	77	0	43	572
Percent	12.1	0.0	66.9	13.5	0.0	7.5	100.0
Standard Error	1.4		2.0	1.4		1.1	
Number	124	0	686	138	0	77	1025

-Continued-

Appendix Table 34. Age composition of the Warmchuck Lake escapement by sample period and sex, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class						
	1979		1978		1977		
	1.2	2.1	1.3	2.2	1.4	2.3	Total
Combined Periods (Percentages are weighted by period totals)							
Male							
Sample Number	235	1	679	103	0	75	1093
Percent	13.0	0.1	38.6	6.0	0.0	4.2	62.0
Standard Error	1.0	0.1	1.5	0.8		0.6	1.2
Number	443	3	1312	205	0	141	2104
Female							
Sample Number	94	0	463	67	1	36	661
Percent	5.4	0.0	26.4	4.3	0.0	1.9	38.0
Standard Error	0.9		1.8	0.8		0.5	1.2
Number	185	0	897	144	1	64	1291
Sexes Combined							
Sample Number	329	1	1142	170	1	111	1754
Percent	18.5	0.1	65.0	10.3	0.0+	6.0	100.0
Standard Error	1.0	0.1	1.2	0.8		0.6	
Number	628	3	2209	349	1	205	3395

Appendix Table 35. Age composition of the Sarkar Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class				
	1979	1978		1977	
	1.2	1.3	2.2	2.3	Total
Sample Period 1 (June 10-August 21)					
Male					
Sample Number	31	13	26	13	83
Percent	22.1	9.3	18.6	9.3	59.3
Standard Error	4.6	3.2	4.3	3.2	4.2
Female					
Sample Number	18	14	16	9	57
Percent	12.9	10.0	11.4	6.4	40.7
Standard Error	4.5	4.0	4.2	3.3	4.2
Sexes Combined					
Sample Number	49	27	42	22	140
Percent	35.0	19.3	30.0	15.7	100.0
Standard Error	4.0	3.3	3.9	3.1	

Appendix Table 36. Age composition of the Kushneahin Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class		
	1978	1977	
	1.3	2.3	Total
Sample Period 1 (Sept. 7)			
Male			
Sample Number	11	5	16
Percent	37.9	17.2	55.2
Standard Error	12.5	9.7	9.4
Female			
Sample Number	11	2	13
Percent	37.9	6.9	44.8
Standard Error	14.0	7.3	9.4
Sexes Combined			
Sample Number	22	7	29
Percent	75.9	24.1	100.0
Standard Error	8.1	8.1	

Appendix Table 37. Age composition of the Galea Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class						
	1980	1979		1978		1977	
	1.1	1.2	2.1	1.3	2.2	2.3	Total
Sample Period 1 (Sept.8-15)							
Male							
Sample Number	1	90	1	78	7	12	189
Percent	0.2	19.9	0.2	17.3	1.6	2.7	41.8
Standard Error	0.3	2.9	0.3	2.8	0.9	1.2	2.3
Female							
Sample Number	0	147	0	88	19	9	263
Percent	0.0	32.5	0.0	19.5	4.2	2.0	58.2
Standard Error		2.9		2.4	1.2	0.9	2.3
Sexes Combined							
Sample Number	1	237	1	166	26	21	452
Percent	0.2	52.5	0.2	36.7	5.8	4.6	100.0
Standard Error	0.2	2.3	0.2	2.3	1.1	1.0	

Appendix Table 38. Age composition of the Luck Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1980		1979		1978		1977	
	0.2	1.1	1.2	2.1	1.3	2.2	2.3	Total
Sample Period 1 (August 26-Sept. 17)								
Male								
Sample Number	1	40	224	35	18	6	9	333
Percent	0.2	9.0	50.4	7.9	4.0	1.3	2.0	74.8
Standard Error	0.2	1.6	2.7	1.5	1.1	0.6	0.8	2.0
Female								
Sample Number	0	1	13	0	63	0	26	103
Percent	0.0	0.2	2.9	0.0	14.2	0.0	5.8	23.1
Standard Error		0.4	1.7		3.5		2.3	2.0
Sexes Combined[1]								
Sample Number	1	45	237	36	84	6	36	445
Percent	0.2	10.1	53.3	8.1	18.9	1.3	8.1	100.0
Standard Error	0.2	1.4	2.4	1.3	1.9	0.5	1.3	

[1] Includes unsexed fish totals.

Appendix Table 39. Age composition of the Salmon Bay Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class						
	1980	1979		1978		1977	
	1.1	1.2	2.1	1.3	2.2	2.3	Total
Sample Period 1 (June 12-August 26)							
Male							
Sample Number	63	138	3	66	19	21	310
Percent	12.0	26.2	0.6	12.5	3.6	4.0	58.8
Standard Error	1.8	2.5	0.4	1.9	1.1	1.1	2.1
Number	1676	3672	80	1756	506	559	8249
Female							
Sample Number	0	42	0	139	17	19	217
Percent	0.0	8.0	0.0	26.4	3.2	3.6	41.2
Standard Error		1.8		3.0	1.2	1.3	2.1
Number	0	1118	0	3699	452	505	5774
Sexes Combined							
Sample Number	63	180	3	205	36	40	527
Percent	12.0	34.1	0.6	38.9	6.8	7.6	100.0
Standard Error	1.4	2.1	0.3	2.1	1.1	1.2	
Number	1676	4790	80	5455	958	1064	14023

Appendix Table 40. Age composition of the Red Bay Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class						
	1980	1979		1978		1977	
	1.1	1.2	2.1	1.3	2.2	2.3	Total
Male							
Sample Number	38	16	12	37	77	12	192
Percent	10.4	4.3	3.3	10.0	21.0	3.3	52.3
Standard Error	2.2	1.5	1.3	2.2	2.9	1.3	2.6
Female							
Sample Number	0	4	0	131	13	25	173
Percent	0.0	1.1	0.0	35.7	3.5	6.8	47.1
Standard Error		0.8		3.7	1.4	1.9	2.6
Sexes Combined[1]							
Sample Number	38	20	12	170	90	37	367
Percent	10.4	5.4	3.3	46.3	24.5	10.1	100.0
Standard Error	1.6	1.2	0.9	2.6	2.2	1.6	

[1] Includes unsexed fish totals.

Appendix Table 41. Age composition of the Kah Sheets Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class					
	1979		1978		1977	
	1.2	2.1	1.3	2.2	2.3	Total
Sample Period 1 (August 29-Sept. 11)						
Male						
Sample Number	10	1	25	7	40	83
Percent	5.2	0.5	12.9	3.6	20.6	42.8
Standard Error	2.4	0.8	3.7	2.0	4.4	3.6
Female						
Sample Number	13	0	17	7	74	111
Percent	6.7	0.0	8.8	3.6	38.1	57.2
Standard Error	2.4		2.7	1.8	4.6	3.6
Sexes Combined						
Sample Number	23	1	42	14	114	194
Percent	11.9	0.5	21.6	7.2	58.8	100.0
Standard Error	2.3	0.5	3.0	1.9	3.5	

Appendix Table 42. Age composition of the Petersburg Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1980		1979		1978		1977	
	0.2	1.1	1.2	2.1	1.3	2.2	2.3	Total
Sample Period 1 (August 17-Sept. 15)								
Male								
Sample Number	2	16	118	8	13	30	3	190
Percent	0.8	6.6	48.8	3.3	5.4	12.4	1.2	78.5
Standard Error	0.6	1.8	3.6	1.3	1.6	2.4	0.8	2.6
Female								
Sample Number	0	0	9	0	26	3	14	52
Percent	0.0	0.0	3.7	0.0	10.8	1.2	5.8	21.5
Standard Error			2.6		4.3	1.5	3.2	2.6
Sexes Combined								
Sample Number	2	16	127	8	39	33	17	242
Percent	0.8	6.6	52.5	3.3	16.2	13.6	7.0	100.0
Standard Error	0.6	1.6	3.2	1.2	2.4	2.2	1.6	

Appendix Table 43. Age composition of the Thoms Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class						
	1980	1979		1978		1977	
	1.1	1.2	2.1	1.3	2.2	2.3	Total
Sample Period 1 (August 23-Sept. 3)							
Male							
Sample Number	15	24	30	45	26	124	264
Percent	3.6	5.7	7.2	10.7	6.2	29.6	63.0
Standard Error	1.1	1.4	1.6	1.9	1.5	2.8	2.4
Female							
Sample Number	1	9	1	28	19	97	155
Percent	0.2	2.2	0.2	6.7	4.5	23.2	37.0
Standard Error	0.4	1.2	0.4	2.0	1.7	3.4	2.4
Sexes Combined							
Sample Number	16	33	31	73	45	221	419
Percent	3.8	7.9	7.4	17.4	10.7	52.8	100.0
Standard Error	0.9	1.3	1.3	1.9	1.5	2.4	

Appendix Table 44. Age composition of the Iskut River escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class			
	1980	1979	1978	
	1.1	1.2	1.3	Total
Sample Period 1 (August 23)				
Male				
Sample Number	2	10	1	13
Percent	8.3	41.7	4.2	54.2
Standard Error	8.0	14.2	5.8	10.2
Female				
Sample Number	0	0	11	11
Percent	0.0	0.0	45.8	45.8
Standard Error			15.8	10.2
Sexes Combined				
Sample Number	2	10	12	24
Percent	8.3	41.7	50.0	100.0
Standard Error	5.6	10.1	10.2	

Appendix Table 45. Age composition of the Verrett River escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class				
	1980		1979	1978	
	0.2	1.1	1.2	1.3	Total
Sample Period 1 (August 23)					
Male					
Sample Number	1	1	9	7	18
Percent	3.7	3.7	33.3	25.9	66.7
Standard Error	4.6	4.6	11.4	10.6	9.1
Female					
Sample Number	0	0	0	9	9
Percent	0.0	0.0	0.0	33.3	33.3
Standard Error				16.7	9.1
Sexes Combined					
Sample Number	1	1	9	16	27
Percent	3.7	3.7	33.3	59.3	100.0
Standard Error	3.6	3.6	9.1	9.5	

Appendix Table 46. Age composition of the Stikine River escapement (test gill net) by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class					
	1979		1978		1977	
	0.3	1.2	1.3	2.2	2.3	Total
Sample Period 1 (July 3-16)						
Male						
Sample Number	0	8	33	1	3	45
Percent	0.0	9.2	37.9	1.1	3.4	51.7
Standard Error		4.4	7.3	1.1	2.7	5.4
Female						
Sample Number	2	2	35	0	3	42
Percent	2.3	2.3	40.2	0.0	3.4	48.3
Standard Error	1.6	1.6	5.3		1.9	5.4
Sexes Combined						
Sample Number	2	10	68	1	6	87
Percent	2.3	11.5	78.2	1.1	6.9	100.0
Standard Error	1.6	3.4	4.4	1.1	2.7	

Appendix Table 47. Age composition of the Stikine River escapement (fishwheel) by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class				
	1980		1979	1978	
	0.2	1.1	1.2	1.3	Total
Sample Period 1 (June 17-Sept. 28)					
Male					
Sample Number	1	5	0	4	10
Percent	4.8	23.8	0.0	19.0	47.6
Standard Error	7.1	14.2		13.1	11.2
Female					
Sample Number	0	1	4	6	11
Percent	0.0	4.8	19.0	28.6	52.4
Standard Error		6.4	11.8	13.6	11.2
Sexes Combined					
Sample Number	1	6	4	10	21
Percent	4.8	28.6	19.0	47.6	100.0
Standard Error	4.7	9.9	8.6	10.9	

Appendix Table 48. Age composition of the Tahltan Lake escapement by sample period and sex, northwestern British Columbia, 1983.

	Brood Year and Age Class						
	1980	1979	1978		1977		
	1.1	1.2	1.3	2.2	1.4	2.3	Total
Period Number 1 (July 6-July 26)							
Male							
Sample Number	0	6	393	1	1	21	422
Percent	0.0	0.7	43.6	0.1	0.1	2.3	46.8
Standard Error		0.4	2.4	0.2	0.2	0.7	1.7
Number	0	99	6468	16	16	346	6945
Female							
Sample Number	0	12	430	0	0	38	480
Percent	0.0	1.3	47.7	0.0	0.0	4.2	53.2
Standard Error		0.5	2.3			0.9	1.7
Number	0	197	7077	0	0	625	7899
Sexes Combined							
Sample Number	0	18	823	1	1	59	902
Percent	0.0	2.0	91.3	0.1	0.1	6.5	100.0
Standard Error		0.5	0.9	0.1	0.1	0.8	
Number	0	296	13545	16	16	971	14844
Period Number 2 (July 27-August 2)							
Male							
Sample Number	0	0	242	1	0	16	259
Percent	0.0	0.0	43.9	0.2	0.0	2.9	47.0
Standard Error			3.1	0.3		1.0	2.1
Number	0	0	1537	6	0	102	1645
Female							
Sample Number	0	9	264	0	0	19	292
Percent	0.0	1.6	47.9	0.0	0.0	3.5	53.0
Standard Error		0.7	2.9			1.1	2.1
Number	0	57	1676	0	0	121	1854
Sexes Combined							
Sample Number	0	9	506	1	0	35	551
Percent	0.0	1.6	91.8	0.2	0.0	6.4	100.0
Standard Error		0.5	1.2	0.2		1.0	
Number	0	57	3213	6	0	223	3499
Period Number 3 (August 3-Sept. 7)							
Male							
Sample Number	1	6	183	0	0	12	202
Percent	0.2	1.4	42.4	0.0	0.0	2.8	46.8
Standard Error	0.3	0.8	3.5			1.2	2.4
Number	7	40	1234	0	0	81	1362
Female							
Sample Number	0	11	204	1	1	13	230
Percent	0.0	2.6	47.2	0.2	0.2	3.0	53.2
Standard Error		1.1	3.3	0.3	0.3	1.1	2.4
Number	0	74	1375	7	7	88	1551
Sexes Combined							
Sample Number	1	17	387	1	1	25	432
Percent	0.2	4.0	89.6	0.2	0.2	5.8	100.0
Standard Error	0.2	0.9	1.5	0.2	0.2	1.1	
Number	7	114	2609	7	7	169	2913

-Continued-

Appendix Table 48. Age composition of the Tahltan Lake escapement by sample period and sex, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class						
	1980	1979	1978		1977		
	1.1	1.2	1.3	2.2	1.4	2.3	Total
Combined Periods (Percentages are weighted by period catches)							
Male							
Sample Number	1	12	818	2	1	49	883
Percent	0.0+	0.7	43.5	0.1	0.1	2.5	46.9
Standard Error	0.0+	0.3	1.8	0.1	0.1	0.6	1.3
Number	7	139	9239	22	16	529	9952
Female							
Sample Number	0	32	898	1	1	70	1002
Percent	0.0	1.5	47.7	0.0+	0.0+	3.9	53.1
Standard Error		0.4	1.7	0.0+	0.0+	0.7	1.3
Number	0	328	10128	7	7	834	11304
Sexes Combined							
Sample Number	1	44	1716	3	2	119	1185
Percent	0.0+	2.2	91.2	0.1	0.1	6.4	100.0
Standard Error	0.0+	0.4	0.7	0.1	0.1	0.6	
Number	7	467	19367	29	23	1363	21256

Appendix Table 49. Age composition of the Gut Bay Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class			
	1980	1978	1977	
	1.1	1.3	2.3	Total
Sample Period 1 (Sept. 18)				
Male				
Sample Number	1	1	0	2
Percent	12.5	12.5	0.0	25.0
Standard Error	33.1	33.1		16.4
Female				
Sample Number	0	3	3	6
Percent	0.0	37.5	37.5	75.0
Standard Error		21.7	21.7	16.4
Sexes Combined				
Sample Number	1	4	3	8
Percent	12.5	50.0	37.5	100.0
Standard Error	12.5	18.9	18.3	

Appendix Table 50. Age composition of the Falls Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class					
	1979	1978		1977		
	1.2	1.3	2.2	2.3	3.2	Total
Period Number 1 (June 22-July 23)						
Male						
Sample Number	19	141	38	18	1	217
Percent	5.3	39.4	10.6	5.0	0.3	60.6
Standard Error	1.5	3.3	2.1	1.5	0.4	2.6
Number	46	345	93	44	2	530
Female						
Sample Number	42	46	45	7	1	141
Percent	11.7	12.8	12.6	2.0	0.3	39.4
Standard Error	2.7	2.8	2.8	1.2	0.5	2.6
Number	103	112	110	17	2	345
Sexes Combined						
Sample Number	61	187	83	25	2	358
Percent	17.0	52.2	23.2	7.0	0.6	100.0
Standard Error	2.0	2.6	2.2	1.4	0.4	
Number	149	457	203	61	5	875
Period Number 2 (July 24-Oct. 12)						
Male						
Sample Number	25	132	36	15	0	208
Percent	6.8	35.8	9.8	4.1	0.0	56.4
Standard Error	1.7	3.3	2.1	1.4		2.6
Number	53	280	76	32	0	441
Female						
Sample Number	56	51	47	5	2	161
Percent	15.2	13.8	12.7	1.4	0.5	43.6
Standard Error	2.8	2.7	2.6	0.9	0.6	2.6
Number	119	108	100	11	4	341
Sexes Combined						
Sample Number	81	183	83	20	2	369
Percent	22.0	49.6	22.5	5.4	0.5	100.0
Standard Error	2.2	2.6	2.2	1.2	0.4	
Number	172	388	176	42	4	782
Combined Periods (Percentages are weighted by period totals)						
Male						
Sample Number	44	273	74	33	1	425
Percent	6.0	37.7	10.2	4.6	0.1	58.6
Standard Error	1.2	2.4	1.5	1.0	0.2	1.8
Number	99	624	169	76	2	971
Female						
Sample Number	98	97	92	12	3	302
Percent	13.4	13.3	12.6	1.7	0.4	41.4
Standard Error	2.0	2.0	1.9	0.8	0.4	1.8
Number	221	221	210	28	7	686
Sexes Combined						
Sample Number	142	370	166	45	4	727
Percent	19.4	51.0	22.9	6.2	0.6	100.0
Standard Error	1.5	1.9	1.6	0.9	0.3	
Number	321	845	379	103	9	1657

Appendix Table 51. Age composition of the Kutlaku Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1980	1979		1978		1977		
	1.1	1.2	2.1	1.3	2.2	1.4	2.3	Total
Sample Period 1 (Sept. 7)								
Male								
Sample Number	58	91	2	72	1	0	1	225
Percent	12.7	19.9	0.4	15.7	0.2	0.0	0.2	49.1
Standard Error	2.2	2.7	0.4	2.4	0.3		0.3	2.3
Female								
Sample Number	1	39	0	185	5	1	2	233
Percent	0.2	8.5	0.0	40.4	1.1	0.2	0.4	50.9
Standard Error	0.3	1.8		3.2	0.7	0.3	0.4	2.3
Sexes Combined								
Sample Number	59	130	2	257	6	1	3	458
Percent	12.9	28.4	0.4	56.1	1.3	0.2	0.7	100.0
Standard Error	1.6	2.1	0.3	2.3	0.5	0.2	0.4	

Appendix Table 52. Age composition of the Aleck's Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class				
	1980	1979	1978	1977	
	1.1	1.2	1.3	2.3	Total
Sample Period 1 (Sept. 22)					
Male					
Sample Number	1	2	3	0	6
Percent	6.7	13.3	20.0	0.0	40.0
Standard Error	11.2	15.2	17.9		13.1
Female					
Sample Number	0	3	5	1	9
Percent	0.0	20.0	33.3	6.7	60.0
Standard Error		14.1	16.7	8.8	13.1
Sexes Combined					
Sample Number	1	5	8	1	15
Percent	6.7	33.3	53.3	6.7	100.0
Standard Error	6.7	12.6	13.3	6.7	

Appendix Table 53. Age composition of the Farragut River escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class					
	1980	1979	1978		1977	
	1.1	1.2	1.3	2.2	2.3	Total
Sample Period 1 (July 27)						
Male						
Sample Number	2	1	4	2	3	12
Percent	9.1	4.5	18.2	9.1	13.6	54.5
Standard Error	8.7	6.3	11.6	8.7	10.3	10.9
Female						
Sample Number	0	0	8	0	2	10
Percent	0.0	0.0	36.4	0.0	9.1	45.5
Standard Error			16.0		9.6	10.9
Sexes Combined						
Sample Number	2	1	12	2	5	22
Percent	9.1	4.5	54.6	9.1	22.7	100.0
Standard Error	6.3	4.5	10.9	6.3	9.1	

Appendix Table 54. Age composition of the Taku River escapement (test gill net) by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1980	1979		1978		1977		
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
Period Number 1 (June 9- July 15)								
Male								
Sample Number	1	8	67	210	3	0	24	313
Percent	0.1	1.2	9.9	31.0	0.4	0.0	3.5	46.2
Standard Error	0.2	0.6	1.7	2.6	0.4		1.0	1.9
Female								
Sample Number	0	3	13	313	3	0	32	364
Percent	0.0	0.4	1.9	46.2	0.4	0.0	4.7	53.8
Standard Error		0.3	0.7	2.6	0.3		1.1	1.9
Sexes Combined								
Sample Number	1	11	80	523	6	0	56	677
Percent	0.1	1.6	11.8	77.3	0.9	0.0	8.3	100.0
Standard Error	0.1	0.5	1.2	1.6	0.4		1.1	
Period Number 2 (July 16- August 21)								
Male								
Sample Number	0	23	44	140	34	1	14	256
Percent	0.0	3.7	7.1	22.6	5.5	0.2	2.3	41.3
Standard Error		1.2	1.6	2.6	1.4	0.3	0.9	2.0
Female								
Sample Number	0	35	35	203	61	1	29	364
Percent	0.0	5.6	5.6	32.7	9.8	0.2	4.7	58.7
Standard Error		1.2	1.2	2.5	1.6	0.2	1.1	2.0
Sexes Combined								
Sample Number	0	58	79	343	95	2	43	620
Percent	0.0	9.4	12.7	55.4	15.3	0.3	6.9	100.0
Standard Error		1.2	1.3	2.0	1.4	0.2	1.0	
Combined Periods (Percentages are weighted by period catches)								
Male								
Sample Number	1	111	0	350	37	1	38	569
Percent	0.1	2.4	8.6	27.0	2.9	0.1	2.9	43.9
Standard Error	0.1	0.6	1.2	1.9	0.7	0.1	0.7	1.4
Female								
Sample Number	0	38	48	516	64	1	61	728
Percent	0.0	2.9	3.7	39.8	4.9	0.1	4.7	56.1
Standard Error		0.6	0.7	1.8	0.8	0.1	0.8	1.4
Sexes Combined								
Sample Number	1	69	159	866	101	2	99	1297
Percent	0.1	5.3	12.3	66.7	7.8	0.2	7.6	100.0
Standard Error	0.1	0.6	0.9	1.3	0.7	0.1	0.7	

Appendix Table 55. Age composition of the Taku River escapement (fishwheel) by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1980	1979		1978		1977	1976	
	0.2	0.3	1.2	1.3	2.2	2.3	3.3	Total
Sample Period 1 (June 20-August 16)								
Male								
Sample Number	5	6	87	61	6	9	0	174
Percent	1.8	2.2	31.4	22.0	2.2	3.2	0.0	62.8
Standard Error	1.0	1.1	3.5	3.1	1.1	1.3		2.9
Female								
Sample Number	0	14	14	56	11	7	1	103
Percent	0.0	5.1	5.1	20.2	4.0	2.5	0.4	37.2
Standard Error		2.2	2.2	4.0	1.9	1.5	0.6	2.9
Sexes Combined								
Sample Number	5	20	101	117	17	16	1	277
Percent	1.8	7.2	36.5	42.2	6.1	5.8	0.4	100.0
Standard Error	0.8	1.6	2.9	3.0	1.4	1.4	0.4	

Appendix Table 56. Age composition of the South Fork Slough escapement by sample period and sex, northwestern British Columbia, 1983.

	Brood Year and Age Class							
	1980		1979		1978		1977	
	0.2	1.1	0.3	1.2	1.3	2.2	2.3	Total
Sample Period 1 (August 13-24)								
Male								
Sample Number	12	3	28	44	52	1	0	140
Percent	4.9	1.2	11.4	18.0	21.2	0.4	0.0	57.1
Standard Error	1.8	0.9	2.7	3.3	3.5	0.5		3.2
Female								
Sample Number	0	0	40	7	56	0	2	105
Percent	0.0	0.0	16.3	2.9	22.9	0.0	0.8	42.9
Standard Error			3.6	1.6	4.1		0.9	3.2
Sexes Combined								
Sample Number	12	3	68	51	108	1	2	245
Percent	4.9	1.2	27.8	20.8	44.1	0.4	0.8	100.0
Standard Error	1.4	0.7	2.9	2.6	3.2	0.4	0.6	

Appendix Table 57. Age composition of the Nakina River escapement by period and sex, northwestern British Columbia, 1983.

	Brood Year and Age Class			
	1979		1978	
	0.3	1.2	1.3	Total
Sample Period 1 (August 9-23)				
Male				
Sample Number	2	4	3	9
Percent	18.2	36.4	27.3	81.8
Standard Error	13.6	17.0	15.8	12.2
Female				
Sample Number	0	0	2	2
Percent	0.0	0.0	18.2	18.2
Standard Error			38.6	12.2
Sexes Combined				
Sample Number	2	4	5	11
Percent	18.2	36.4	45.4	100.0
Standard Error	12.2	15.2	15.7	

Appendix Table 58. Age composition of the Silver Salmon River escapement by sample period and sex, northwestern British Columbia, 1983.

	Brood Year and Age Class			
	1979	1978		
	1.2	1.3	2.2	Total
Sample Period 1 (July 28-August 22)				
Male				
Sample Number	0	10	0	10
Percent	0.0	27.0	0.0	27.0
Standard Error		14.8		7.4
Female				
Sample Number	3	22	2	27
Percent	8.1	59.5	5.4	73.0
Standard Error	5.4	9.6	4.4	7.4
Sexes Combined				
Sample Number	3	32	2	37
Percent	8.1	86.5	5.4	100.0
Standard Error	4.5	5.7	3.8	

Appendix Table 59. Age composition of the Kuthai Lake escapement by sample period and sex, northwestern British Columbia, 1983.

	Brood Year and Age Class				
	1979	1978		1977	
	1.2	1.3	2.2	2.3	Total
Sample Period 1 (August 29-30)					
Male					
Sample Number	3	261	1	1	266
Percent	0.6	53.7	0.2	0.2	54.7
Standard Error	0.5	3.1	0.3	0.3	2.3
Female					
Sample Number	5	208	3	4	220
Percent	1.0	42.8	0.6	0.8	45.3
Standard Error	0.6	3.3	0.5	0.6	2.3
Sexes Combined					
Sample Number	8	469	4	5	486
Percent	1.7	96.5	0.8	1.0	100.0
Standard Error	0.6	0.8	0.4	0.5	

Appendix Table 60. Age composition of the Little Trapper Lake escapement by sample period and sex, northwestern British Columbia, 1983.

	Brood Year and Age Class					
	1980	1979	1978		1977	
	1.1	1.2	1.3	2.2	2.3	Total
Sample Period 1 (Sept. 19-20)						
Male						
Sample Number	6	301	88	3	53	451
Percent	0.9	47.1	13.8	0.5	8.3	70.6
Standard Error	0.4	2.4	1.6	0.3	1.3	1.8
Number	70	3534	1033	35	622	5295
Female						
Sample Number	0	22	97	3	64	186
Percent	0.0	3.4	15.2	0.5	10.0	29.1
Standard Error		1.3	2.6	0.5	2.2	1.8
Number	0	258	1139	35	751	2184
Sexes Combined[1]						
Sample Number	6	325	185	6	117	639
Percent	0.9	50.9	29.0	0.9	18.3	100.0
Standard Error	0.4	2.0	1.8	0.4	1.5	
Number	70	3816	2172	70	1374	7502

[1] Includes unsexed fish totals.

Appendix Table 61. Age composition of the combined Tatsamenie River and Tatsamenie Lake escapement[1] by sample period and sex, northwestern British Columbia, 1983.

	Brood Year and Age Class							
	1980		1979		1978		1977	
	0.2	1.1	0.3	1.2	1.3	2.2	2.3	Total
Sample Period 1 (Sept. 10-22)								
Male								
Sample Number	1	4	17	50	41	3	1	117
Percent	0.4	1.6	6.7	19.6	16.1	1.2	0.4	45.9
Standard Error	0.6	1.2	2.3	3.7	3.4	1.0	0.6	3.1
Female								
Sample Number	1	0	30	8	95	3	1	138
Percent	0.4	0.0	11.8	3.1	37.3	1.2	0.4	54.1
Standard Error	0.5		2.8	1.5	4.1	0.9	0.5	3.1
Sexes Combined								
Sample Number	2	4	47	58	136	6	2	255
Percent	0.8	1.6	18.4	22.7	53.3	2.4	0.8	100.0
Standard Error	0.6	0.8	2.4	2.6	3.1	1.0	0.6	

[1] Seventeen samples were taken from Tatsamenie Lake; the remainder were from Tatsamenie River. The age composition of the Tatsamenie Lake samples was 88.2% age 1.3, 5.9% age 2.2, and 5.9% age 2.3.

Appendix Table 62. Age composition of the Speel Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class									
	1980		1979			1978		1977		
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
Period Number 1 (July 1 - August 9)										
Male										
Sample Number	3	9	0	184	1	35	7	1	3	243
Percent	0.8	2.3	0.0	46.6	0.2	8.9	1.8	0.2	0.8	61.5
Standard Error	0.4	0.8		2.5	0.2	1.4	0.7	0.2	0.4	2.5
Number	20	59	0	1197	6	228	46	6	20	1582
Female										
Sample Number	0	0	1	6	0	141	0	0	4	152
Percent	0.0	0.0	0.2	1.5	0.0	35.7	0.0	0.0	1.0	38.5
Standard Error			0.2	0.6		2.4			0.5	2.5
Number	0	0	6	39	0	918	0	0	26	989
Sexes Combined										
Sample Number	3	9	1	190	1	176	7	1	7	395
Percent	0.8	2.3	0.2	48.1	0.2	44.6	1.8	0.2	1.8	100.0
Standard Error	0.4	0.8	0.2	2.5	0.2	2.5	0.7	0.2	0.7	
Number	20	59	6	1236	6	1146	46	7	46	2571
Period Number 2 (August 10 - October 29)										
Male										
Sample Number	1	4	0	56	0	73	3	0	1	138
Percent	0.3	1.0	0.0	14.1	0.0	18.3	0.8	0.0	0.3	34.7
Standard Error	0.5	0.9		3.0		3.3	0.8		0.5	2.4
Number	20	80	0	1113	0	1451	60	0	20	2744
Female										
Sample Number	0	0	1	10	0	240	1	0	8	260
Percent	0.0	0.0	0.3	2.5	0.0	60.3	0.3	0.0	2.0	65.3
Standard Error			0.3	0.8		2.5	0.3		0.7	2.4
Number	0	0	20	199	0	4771	20	0	159	5169
Sexes Combined										
Sample Number	1	4	1	66	0	313	4	0	9	398
Percent	0.3	1.0	0.3	16.6	0.0	78.5	1.0	0.0	2.3	100.0
Standard Error	0.3	0.5	0.3	1.9		2.1	0.5		0.8	
Number	20	80	20	1312	0	6222	80	0	179	7913
Combined Periods (Percentages are weighted by period totals)										
Male										
Sample Number	4	13	0	240	1	108	10	1	4	381
Percent	0.4	1.3	0.0	22.0	0.1	16.0	1.0	0.1	0.4	41.3
Standard Error	0.4	0.7		2.3	0.1	2.5	0.6	0.1	0.4	1.9
Number	40	139	0	2310	6	1679	106	6	40	4326
Female										
Sample Number	0	0	2	16	0	381	1	0	12	412
Percent	0.0	0.0	0.3	2.3	0.0	54.3	0.2	0.0	1.8	58.7
Standard Error			0.2	0.6		1.9	0.2		0.5	1.9
Number	0	0	26	238	0	5689	20	0	185	6158
Sexes Combined										
Sample Number	4	13	2	256	1	489	11	1	16	793
Percent	0.4	1.3	0.3	24.3	0.0+	70.3	1.2	0.0+	2.2	100.0
Standard Error	0.2	0.4	0.2	1.5	0.1	1.7	0.4	0.1	0.6	
Number	40	139	26	2548	6	7368	126	6	225	10484

Appendix Table 63. Age composition of the Crescent Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class									
	1980		1979			1978		1977		
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
Period Number 1 (July 9-July 29)										
Male										
Sample Number	10	0	0	345	0	40	17	3	24	439
Percent	1.6	0.0	0.0	56.8	0.0	6.6	2.8	0.5	4.0	72.3
Standard Error	0.6			2.4		1.2	0.8	0.3	0.9	1.8
Number	13	0	0	438	0	51	22	4	30	558
Female										
Sample Number	0	0	0	5	0	130	0	1	30	166
Percent	0.0	0.0	0.0	0.8	0.0	21.4	0.0	0.2	4.9	27.3
Standard Error				0.7		3.2		0.3	1.7	1.8
Number	0	0	0	6	0	165	0	1	38	210
Sexes Combined[1]										
Sample Number	10	0	0	351	0	171	17	4	54	607
Percent	1.6	0.0	0.0	57.8	0.0	28.2	2.8	0.7	8.9	100.0
Standard Error	0.5			2.0		1.8	0.7	0.3	1.2	
Number	13	0	0	445	0	217	22	5	68	770
Period Number 2 (July 30-August 5)										
Male										
Sample Number	11	13	0	342	2	16	16	2	14	416
Percent	1.9	2.2	0.0	59.0	0.3	2.8	2.8	0.3	2.4	71.7
Standard Error	0.7	0.7		2.4	0.3	0.8	0.8	0.3	0.8	1.9
Number	17	20	0	523	3	24	24	3	21	635
Female										
Sample Number	0	1	2	8	0	116	2	1	34	164
Percent	0.0	0.2	0.3	1.4	0.0	20.0	0.3	0.2	5.9	28.3
Standard Error		0.3	0.4	0.9		3.1	0.4	0.3	1.8	1.9
Number	0	2	3	12	0	176	3	2	52	250
Sexes Combined										
Sample Number	11	14	2	350	2	132	18	3	48	580
Percent	1.9	2.4	0.3	60.4	0.3	22.8	3.1	0.5	8.3	100.0
Standard Error	0.6	0.6	0.2	2.0	0.2	1.7	0.7	0.3	1.1	
Number	17	22	3	535	3	200	27	5	73	885
Period Number 3 (August 6-August 24)										
Male										
Sample Number	14	12	0	303	0	12	16	0	3	360
Percent	2.8	2.4	0.0	61.0	0.0	2.4	3.2	0.0	0.6	72.4
Standard Error	0.9	0.8		2.6		0.8	0.9		0.4	2.0
Number	500	429	0	10832	0	429	572	0	107	12869
Female										
Sample Number	0	0	2	8	0	86	2	0	39	137
Percent	0.0	0.0	0.4	1.6	0.0	17.3	0.4	0.0	7.8	27.6
Standard Error			0.5	1.1		3.2	0.5		2.3	2.0
Number	0	0	71	286	0	3075	72	0	1394	4898
Sexes Combined										
Sample Number	14	12	2	311	0	98	18	0	42	497
Percent	2.8	2.4	0.4	62.6	0.0	19.7	3.6	0.0	8.5	100.0
Standard Error	0.7	0.7	0.3	2.2		1.8	0.8		1.1	
Number	500	429	71	11118	0	3504	644	0	1501	17767

-Continued-

Appendix Table 63. Age composition of the Crescent Lake escapement by sample period and sex, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class									
	1980		1979			1978		1977		
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
Combined Periods (Percentages are weighted by period totals)										
Male										
Sample Number	35	25	0	990	2	68	49	5	41	1215
Percent	2.7	2.3	0.0	60.7	0.0+	2.6	3.2	0.0+	0.8	72.4
Standard Error	0.8	0.7		2.4	0.0+	0.7	0.8	0.0+	0.4	1.8
Number	530	449	0	11793	3	504	618	7	158	14062
Female										
Sample Number	0	1	4	21	0	332	4	2	103	467
Percent	0.0	0.0+	0.4	1.6	0.0	17.6	0.4	0.0+	7.6	27.6
Standard Error		0.0	0.5	1.0		3.0	0.5	0.0+	2.1	1.8
Number	0	2	74	304	0	3416	75	3	1484	5358
Sexes Combined[1]										
Sample Number	35	26	4	1012	2	401	53	7	144	1684
Percent	2.7	2.3	0.4	62.3	0.0+	20.2	3.6	0.0+	8.5	100.0
Standard Error	0.7	0.6	0.3	2.0	0.0+	1.6	0.8	0.0+	1.1	
Number	530	451	74	12098	3	3921	693	10	1642	19422

[1] Includes unsexed fish totals.

Appendix Table 64. Age composition of the Auke Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class					
	1978		1977		1976	
	1.3	2.2	2.3	3.2	3.3	Total
Sample Period 1 (June 24-August 31)						
Male						
Sample Number	10	6	21	0	4	41
Percent	13.2	7.9	27.6	0.0	5.3	54.0
Standard Error	5.4	4.3	7.1		3.5	5.8
Number	238	143	499	0	95	974
Female						
Sample Number	4	2	25	1	3	35
Percent	5.3	2.6	32.9	1.3	3.9	46.0
Standard Error	3.8	2.7	8.1	1.9	3.3	5.8
Number	95	48	594	24	71	831
Sexes Combined						
Sample Number	14	8	46	1	7	76
Percent	18.5	10.5	60.5	1.3	9.2	100.0
Standard Error	4.5	3.5	5.6	1.3	9.3	
Number	333	190	1093	24	166	1805

Appendix Table 65. Age composition of the Lake Creek escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class						
	1979	1978		1977		1976	
	1.2	1.3	2.2	2.3	3.2	3.3	Total
Sample Period 1 (August 31)							
Male							
Sample Number	1	0	3	3	0	1	8
Percent	1.8	0.0	5.4	5.4	0.0	1.8	14.3
Standard Error	5.0		8.5	8.5		5.0	4.7
Female							
Sample Number	1	3	6	31	2	5	48
Percent	1.8	5.4	10.7	55.4	3.6	8.9	85.7
Standard Error	1.9	3.3	4.5	7.3	2.7	4.2	4.7
Sexes Combined							
Sample Number	2	3	9	34	2	6	56
Percent	3.6	5.4	16.1	60.6	3.6	10.7	100.0
Standard Error	2.5	3.0	5.0	6.6	2.5	4.2	4.7

Appendix Table 66. Age composition of the Steep Creek escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class									
	1980	1979			1978			1977		
	1.1	0.3	1.2	2.1	0.4	1.3	2.2	2.3	3.2	Total
Sample Period 1 (July 17-August 3)										
Male										
Sample Number	16	3	47	1	1	154	2	8	1	233
Percent	3.3	0.6	9.7	0.2	0.2	31.8	0.4	1.7	0.2	48.1
Standard Error	1.2	0.5	1.9	0.3	0.3	3.1	0.4	0.8	0.3	2.3
Female										
Sample Number	0	3	5	0	1	235	1	6	0	251
Percent	0.0	0.6	1.0	0.0	0.2	48.6	0.2	1.2	0.0	51.9
Standard Error		0.5	0.6		0.3	3.2	0.3	0.7		2.3
Sexes Combined										
Sample Number	16	6	52	1	2	389	3	14	1	484
Percent	3.3	1.2	10.8	0.2	0.4	80.4	0.6	2.9	0.2	100.0
Standard Error	0.8	0.5	1.4	0.2	0.3	1.8	0.4	0.8	0.2	

Appendix Table 67. Age composition of the Kook Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class			
	1979	1978	1977	
	1.2	1.3	2.3	Total
Male				
Sample Number	7	126	0	133
Percent	1.6	28.5	0.0	30.1
Standard Error	1.1	3.9		2.4
Female				
Sample Number	8	136	1	145
Percent	1.8	30.8	0.2	32.8
Standard Error	1.1	3.8	0.2	2.4
Sexes Combined[1]				
Sample Number	22	419	1	442
Percent	5.0	94.8	0.2	100.0
Standard Error	1.0	1.1	0.2	

[1] Includes unsexed fish totals.

Appendix Table 68. Age composition of the Pavlof Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class					
	1979		1978		1977	
	0.3	1.2	1.3	2.2	2.3	Total
Sample Period 1 (August 10)						
Male						
Sample Number	1	1	27	0	1	30
Percent	1.3	1.3	35.5	0.0	1.3	39.5
Standard Error	2.1	2.1	8.9		2.1	5.6
Female						
Sample Number	0	4	35	1	6	46
Percent	0.0	5.3	46.1	1.3	7.9	60.5
Standard Error		3.3	7.4	1.7	4.0	5.6
Sexes Combined						
Sample Number	1	5	62	1	7	76
Percent	1.3	6.6	81.6	1.3	9.2	100.0
Standard Error	1.3	2.9	4.5	1.3	3.3	

Appendix Table 69. Age composition of the Politofski Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class									
	1980	1979			1978		1977		1976	
	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	3.3	Total
Sample Period 1 (August 26-Sept. 20)										
Male										
Sample Number	2	2	1	2	126	12	36	0	1	182
Percent	0.6	0.6	0.3	0.6	37.8	3.6	10.8	0.0	0.3	54.7
Standard Error	0.6	0.6	0.4	0.6	3.6	1.4	2.3		0.4	2.7
Female										
Sample Number	0	0	10	0	98	23	16	1	3	151
Percent	0.0	0.0	3.0	0.0	29.4	6.9	4.8	0.3	0.9	45.3
Standard Error			1.4		3.7	2.1	1.7	0.4	0.8	2.7
Sexes Combined										
Sample Number	2	2	11	2	224	35	52	1	4	333
Percent	0.6	0.6	3.3	0.6	67.3	10.5	15.6	0.3	1.2	100.0
Standard Error	0.4	0.4	1.0	0.4	2.6	1.7	2.0	0.3	0.6	

Appendix Table 70. Age composition of the Redoubt Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class										
	1980		1979			1978		1977		1976	
	0.2	1.1	0.3	1.2	2.1	1.3	2.2	2.3	3.2	3.3	Total
Period Number 1 (June 23-July 25)											
Male											
Sample Number	0	0	0	44	6	99	44	23	1	0	217
Percent	0.0	0.0	0.0	10.4	1.4	23.3	10.4	5.4	0.2	0.0	51.1
Standard Error				2.1	0.8	2.9	2.1	1.5	0.3		2.4
Number	0	0	0	124	17	277	123	64	3	0	608
Female											
Sample Number	0	0	1	35	1	103	49	16	1	2	208
Percent	0.0	0.0	0.2	8.3	0.2	24.2	11.5	3.8	0.2	0.5	48.9
Standard Error			0.3	1.9	0.3	3.0	2.2	1.3	0.3	0.5	2.4
Number	0	0	3	98	3	287	137	45	3	6	582
Sexes Combined											
Sample Number	0	0	1	79	7	202	93	39	2	2	425
Percent	0.0	0.0	0.2	18.7	1.6	47.4	21.9	9.2	0.5	0.5	100.0
Standard Error			0.2	1.9	0.6	2.4	2.0	1.4	0.3	0.3	
Number	0	0	3	222	20	564	260	109	6	6	1190
Period Number 2 (July 26-Sept. 13)											
Male											
Sample Number	0	1	1	56	21	70	61	9	1	0	220
Percent	0.0	0.2	0.2	11.9	4.5	14.9	13.0	1.9	0.2	0.0	46.9
Standard Error		0.3	0.3	2.2	1.4	2.4	2.3	0.9	0.3		2.3
Number	0	3	3	159	60	199	174	26	3	0	627
Female											
Sample Number	2	0	1	54	2	108	64	15	3	0	249
Percent	0.4	0.0	0.2	11.5	0.4	23.0	13.6	3.2	0.6	0.0	53.1
Standard Error	0.4		0.3	2.0	0.4	2.7	2.2	1.1	0.5		2.3
Number	6	0	3	154	6	306	182	42	9	0	708
Sexes Combined											
Sample Number	2	1	2	110	23	178	125	24	4	0	469
Percent	0.4	0.2	0.4	23.5	4.9	37.9	26.7	5.1	0.9	0.0	100.0
Standard Error	0.3	0.2	0.3	2.0	1.0	2.2	2.0	1.0	0.4		
Number	6	3	6	313	66	505	356	68	12	0	1335
Combined Periods (Percentages are weighted by period totals)											
Male											
Sample Number	0	1	1	100	27	169	105	32	2	0	437
Percent	0.0	0.1	0.1	11.2	3.0	18.9	11.8	3.6	0.2	0.0	48.9
Standard Error		0.2	0.2	1.5	0.8	1.9	1.5	0.9	0.2		1.7
Number	0	3	3	283	77	476	297	90	6	0	1235
Female											
Sample Number	2	0	2	89	3	211	113	31	4	2	457
Percent	0.2	0.0	0.2	10.0	0.4	23.5	12.6	3.5	0.5	0.2	51.1
Standard Error	0.2		0.2	1.4	0.3	2.0	1.6	0.9	0.3	0.2	1.7
Number	6	0	6	252	9	593	319	87	12	6	1290
Sexes Combined											
Sample Number	2	1	3	189	30	380	218	63	6	2	894
Percent	0.2	0.1	0.4	21.2	3.4	42.4	24.4	7.0	0.7	0.2	100.0
Standard Error	0.2	0.1	0.2	1.4	0.6	1.6	1.4	1.2	0.9	0.2	
Number	6	3	9	535	86	1069	616	177	18	6	2525

Appendix Table 71. Age composition of the Sitkoh Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class					
	1980	1979	1978		1977	
	1.1	1.2	1.3	2.2	2.3	Total
Sample Period 1 (Sept. 27)						
Male						
Sample Number	2	100	44	0	2	148
Percent	0.6	30.4	13.4	0.0	0.6	45.0
Standard Error	0.6	3.8	2.8		0.6	2.8
Female						
Sample Number	0	101	65	3	2	171
Percent	0.0	30.7	19.8	0.9	0.6	52.0
Standard Error		3.5	3.1	0.7	0.6	2.8
Sexes Combined [1]						
Sample Number	2	206	114	3	4	329
Percent	0.6	62.6	34.7	0.9	1.2	100.0
Standard Error	0.4	2.7	2.6	0.5	0.6	

[1] Includes unsexed fish totals.

Appendix Table 72. Age composition of the Lake Anna escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class						
	1980	1979		1978		1977	
	1.1	1.2	2.1	1.3	2.2	2.3	Total
Sample Period 1 (Sept. 3)							
Male							
Sample Number	1	3	2	49	3	9	67
Percent	1.0	2.9	1.9	47.1	2.9	8.7	64.4
Standard Error	1.2	2.1	1.7	6.1	2.1	3.5	4.7
Female							
Sample Number	0	0	0	30	7	0	37
Percent	0.0	0.0	0.0	28.8	6.7	0.0	35.6
Standard Error				7.5	4.2		4.7
Sexes Combined							
Sample Number	1	3	2	79	10	9	104
Percent	1.0	2.9	1.9	75.9	9.6	8.7	100.0
Standard Error	1.0	1.7	1.7	4.2	2.9	2.8	

Appendix Table 73. Age composition of the Ford Arm Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1980	1979			1978		1977	
	1.1	0.3	1.2	2.1	1.3	2.2	2.3	Total
Sample Period 1 (August 18-Sept. 26)								
Male								
Sample Number	83	0	34	6	43	5	21	192
Percent	27.6	0.0	11.3	2.0	14.3	1.7	7.0	63.8
Standard Error	3.2		2.3	1.0	2.5	0.9	1.8	2.8
Female								
Sample Number	0	1	18	0	48	3	39	109
Percent	0.0	0.3	6.0	0.0	15.9	1.0	13.0	36.2
Standard Error		0.5	2.3		3.5	1.0	3.2	2.8
Sexes Combined								
Sample Number	83	1	52	6	91	8	60	301
Percent	27.6	0.3	17.3	2.0	30.2	2.7	19.9	100.0
Standard Error	2.6	0.3	2.2	0.8	2.7	0.9	2.3	

Appendix Table 74. Age composition of the Chilkat Lake escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class										
	1980	1979		1978		1977			1976		
	1.1	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Period Number 1 (June 27 - July 12)											
Male											
Sample Number	6	10	0	208	25	0	51	0	0	0	300
Percent	0.9	1.6	0.0	33.0	4.0	0.0	8.1	0.0	0.0	0.0	47.6
Standard Error	0.4	0.5		1.9	0.8		1.1				2.0
Number	164	274	0	5700	685	0	1397	0	0	0	8220
Female											
Sample Number	0	3	0	247	21	0	59	0	0	0	330
Percent	0.0	0.5	0.0	39.2	3.3	0.0	9.4	0.0	0.0	0.0	52.4
Standard Error		0.3		1.9	0.7		1.2				2.0
Number	0	82	0	6768	575	0	1617	0	0	0	9042
Sexes Combined											
Sample Number	6	13	0	455	46	0	110	0	0	0	630
Percent	0.9	2.1	0.0	72.2	7.3	0.0	17.5	0.0	0.0	0.0	100.0
Standard Error	0.4	0.6		1.8	1.0		1.5				
Number	164	356	0	12468	1260	0	3014	0	0	0	17262
Period Number 2 (July 16 - July 27)											
Male											
Sample Number	15	11	8	151	33	0	47	0	1	0	266
Percent	2.8	2.1	1.5	28.5	6.2	0.0	8.9	0.0	0.2	0.0	50.3
Standard Error	0.7	0.6	0.5	2.0	1.0		1.2		0.2		2.2
Number	772	566	412	7770	1698	0	2419	0	51	0	13688
Female											
Sample Number	0	10	1	152	32	1	67	0	0	0	263
Percent	0.0	1.9	0.2	28.7	6.0	0.2	12.7	0.0	0.0	0.0	49.7
Standard Error		0.6	0.2	2.0	1.0	0.2	1.4				2.2
Number	0	515	51	7822	1647	51	3447	0	0	0	13533
Sexes Combined											
Sample Number	15	21	9	303	65	1	114	0	1	0	529
Percent	2.8	4.0	1.7	57.3	12.2	0.2	21.6	0.0	0.2	0.0	100.0
Standard Error	0.7	0.9	0.6	2.2	1.4	0.2	1.8		0.2		
Number	772	1081	463	15592	3345	51	5866	0	51	0	27221
Period Number 3 (July 29 - August 31)											
Male											
Sample Number	1	17	3	163	63	0	72	0	0	0	319
Percent	0.2	3.0	0.5	28.4	11.0	0.0	12.5	0.0	0.0	0.0	55.6
Standard Error	0.2	0.7	0.3	1.9	1.3		1.4				2.1
Number	41	694	123	6655	2572	0	2939	0	0	0	13024
Female											
Sample Number	0	13	0	125	55	0	62	0	0	0	255
Percent	0.0	2.2	0.0	21.8	9.6	0.0	10.8	0.0	0.0	0.0	44.4
Standard Error		0.6		1.7	1.2		1.3				2.1
Number	0	531	0	5104	2246	0	2532	0	0	0	10413
Sexes Combined											
Sample Number	1	30	3	288	118	0	134	0	0	0	574
Percent	0.2	5.2	0.5	50.2	20.6	0.0	23.3	0.0	0.0	0.0	100.0
Standard Error	0.2	0.9	0.3	2.1	1.7		1.8				
Number	41	1225	123	11759	4818	0	5471	0	0	0	23437

-Continued-

Appendix Table 74. Age composition of the Chilkat Lake escapement by sample period and sex, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class										
	1980	1979		1978		1977			1976		
	1.1	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Period Number 4 (September 1 - September 12)											
Male											
Sample Number	1	8	49	19	151	0	155	2	0	0	385
Percent	0.2	1.2	7.6	3.0	23.6	0.0	24.2	0.3	0.0	0.0	60.1
Standard Error	0.2	0.4	1.0	0.7	1.7		1.7	0.2			1.9
Number	40	319	1952	757	6016	0	6177	80	0	0	15341
Female											
Sample Number	0	4	0	20	125	0	107	0	0	0	256
Percent	0.0	0.6	0.0	3.1	19.5	0.0	16.7	0.0	0.0	0.0	39.9
Standard Error		0.3		0.7	1.6		1.5				1.9
Number	0	159	0	797	4981	0	4263	0	0	0	10200
Sexes Combined											
Sample Number	1	12	49	39	276	0	262	2	0	0	641
Percent	0.2	1.9	7.6	6.1	43.1	0.0	40.9	0.3	0.0	0.0	100.0
Standard Error	0.2	0.5	1.0	0.9	2.0		1.9	0.2			
Number	40	478	1952	1554	10997	0	10440	80	0	0	25541
Period Number 5 (September 13 - November 4)											
Male											
Sample Number	1	4	18	7	137	0	76	1	0	1	245
Percent	0.2	0.8	3.7	1.4	28.1	0.0	15.6	0.2	0.0	0.2	50.2
Standard Error	0.2	0.4	0.9	0.5	2.0		1.6	0.2		0.2	2.3
Number	83	334	1503	585	11439	0	6346	83	0	83	20456
Female											
Sample Number	0	7	1	5	151	0	78	1	0	0	243
Percent	0.0	1.4	0.2	1.1	30.9	0.0	16.0	0.2	0.0	0.0	49.8
Standard Error		0.5	0.2	0.5	2.1		1.7	0.2			2.3
Number	0	584	83	417	12609	0	6513	84	0	0	20290
Sexes Combined											
Sample Number	1	11	19	12	288	0	154	2	0	1	488
Percent	0.2	2.2	3.9	2.5	59.0	0.0	31.6	0.4	0.0	0.2	100.0
Standard Error	0.2	0.7	0.9	0.7	2.2		2.1	0.3		0.2	
Number	83	918	1586	1002	24048	0	12859	167	0	83	40746
Combined Periods (Percentages are weighted by period totals)											
Male											
Sample Number	24	50	78	547	409	0	401	3	1	1	1515
Percent	0.8	1.6	3.0	16.0	16.7	0.0	14.4	0.1	0.0+	0.1	52.7
Standard Error	0.2	0.2	0.3	0.6	0.8		0.7	0.1	0.0+	0.1	1.0
Number	1100	2187	3990	21467	22410	0	19278	163	51	83	70729
Female											
Sample Number	0	37	2	549	384	1	373	1	0	0	1347
Percent	0.0	1.4	0.1	15.6	16.4	0.0+	13.7	0.1	0.0	0.0	47.3
Standard Error		0.2	0.1	0.6	0.8	0.0+	0.7	0.1			1.0
Number	0	1871	135	20908	22058	51	18372	84	0	0	63478
Sexes Combined											
Sample Number	24	87	80	1096	793	1	774	4	1	1	2862
Percent	0.8	3.0	3.1	31.6	33.1	0.0+	28.1	0.2	0.0+	0.1	100.0
Standard Error	0.2	0.4	0.4	0.7	0.9	0.0+	0.9	0.1	0.0+	0.1	
Number	1100	4058	4124	42375	44468	51	37650	247	51	83	134207

Appendix Table 75. Age composition of the Chilkat River escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1980		1979		1978		1977	
	0.2	1.1	0.3	1.2	1.3	2.2	2.3	Total
Sample Period 1 (October 13)								
Male								
Sample Number	2	1	23	19	20	1	1	67
Percent	1.3	0.7	15.3	12.7	13.3	0.7	0.7	44.7
Standard Error	0.9	0.7	2.9	2.7	2.8	0.7	0.7	4.1
Female								
Sample Number	1	0	37	2	42	0	1	83
Percent	0.7	0.0	24.7	1.3	28.0	0.0	0.7	55.3
Standard Error	0.7		3.5	0.9	3.7		0.7	4.1
Sexes Combined								
Sample Number	3	1	60	21	62	1	2	150
Percent	2.0	0.7	40.0	14.0	41.3	0.7	1.3	100.0
Standard Error	1.1	0.7	4.0	2.8	4.0	0.7	0.9	

Appendix Table 76. Age composition of the Chilkoot River escapement by sample period and sex, Southeastern Alaska, 1983.

	Brood Year and Age Class							
	1980	1979		1978		1977		
	1.1	1.2	2.1	1.3	2.2	1.4	2.3	Total
Period Number 1 (June 8 - July 15)								
Male								
Sample Number	0	17	0	167	1	2	99	286
Percent	0.0	2.8	0.0	28.0	0.2	0.3+	16.6	47.9
Standard Error		0.7		1.8	0.2	0.2	1.5	2.0
Number	0	650	0	6390	38	77	3788	10943
Female								
Sample Number	0	10	0	168	2	2	129	311
Percent	0.0	1.7	0.0	28.1	0.3	0.3+	21.6	52.1
Standard Error		0.5		1.8	0.2	0.2	1.7	2.0
Number	0	383	0	6428	77	76	4936	11900
Sexes Combined								
Sample Number	0	27	0	335	3	4	228	597
Percent	0.0	4.5	0.0	56.1	0.5	0.7	38.2	100.0
Standard Error		0.8		2.0	0.3	0.3	2.0	
Number	0	1033	0	12818	115	153	8724	22843
Period Number 2 (July 16 - July 26)								
Male								
Sample Number	1	38	1	165	2	0	43	250
Percent	0.1+	6.2	0.2	26.8	0.3	0.0	7.0	40.7
Standard Error	0.1+	1.0	0.2	1.8	0.2		1.0	2.0
Number	48	1833	48	7956	96	0	2073	12054
Female								
Sample Number	1	59	0	210	9	0	86	365
Percent	0.1+	9.6	0.0	34.1	1.5	0.0	14.0	59.3
Standard Error	0.1+	1.2		1.9	0.5		1.4	2.0
Number	48	2845	0	10127	434	0	4147	17601
Sexes Combined								
Sample Number	2	97	1	375	11	0	129	615
Percent	0.3	15.8	0.2	60.9	1.8	0.0	21.0	100.0
Standard Error	0.2	1.5	0.2	2.0	0.5		1.6	
Number	96	4678	48	18083	530	0	6220	29655
Period Number 3 (July 27 - September 8)								
Male								
Sample Number	0	77	0	193	4	0	48	322
Percent	0.0	13.3	0.0	33.3	0.7	0.0	9.3	55.6
Standard Error		1.4		2.0	0.3		1.1	2.1
Number	0	3703	0	9282	192	0	2308	15485
Female								
Sample Number	0	13	0	181	6	0	57	257
Percent	0.0	2.3	0.0	31.3	1.0	0.0	9.8	44.4
Standard Error		0.6		1.9	0.4		1.2	2.1
Number	0	625	0	8704	289	0	2742	12360
Sexes Combined								
Sample Number	0	90	0	374	10	0	105	579
Percent	0.0	15.6	0.0	64.6	1.7	0.0	18.1	100.0
Standard Error		1.5		2.0	0.5		1.6	
Number	0	4328	0	17986	481	0	5050	27845

-Continued-

Appendix Table 76. Age composition of the Chilkoot River escapement by sample period and sex, Southeastern Alaska, 1983 (continued).

	Brood Year and Age Class							
	1980	1979		1978		1977		
	1.1	1.2	2.1	1.3	2.2	1.4	2.3	Total
Combined Periods (Percentages are weighted by period catches)								
Male								
Sample Number	1	132	1	525	7	2	190	858
Percent	0.0+	7.7	0.1	29.4	0.4	0.1	10.2	47.9
Standard Error	0.0+	0.6	0.1	1.1	0.2	0.1	0.7	1.2
Number	48	6186	48	23628	327	77	8170	38482
Female								
Sample Number	1	82	0	559	17	2	272	933
Percent	0.0+	4.8	0.0	31.4	1.0	0.1	14.7	52.1
Standard Error	0.0+	0.5		1.1	0.2	0.1	0.8	1.2
Number	48	3853	0	25259	799	76	11824	41861
Sexes Combined								
Sample Number	2	214	1	1084	24	4	462	1791
Percent	0.1	12.5	0.1	60.8	1.4	0.2	24.9	100.0
Standard Error	0.1	0.8	0.1	1.2	0.3	0.1	1.0	
Number	96	10039	48	48887	1126	153	19994	80343

Appendix Table 77. Hugh Smith daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	1	1	1	0.01	0.01
JUNE	2	0	1	0.00	0.01
JUNE	3	0	1	0.00	0.01
JUNE	4	0	1	0.00	0.01
JUNE	5	0	1	0.00	0.01
JUNE	6	1	2	0.01	0.02
JUNE	7	4	6	0.04	0.06
JUNE	8	4	10	0.04	0.10
JUNE	9	1	11	0.01	0.11
JUNE	10	9	20	0.09	0.20
JUNE	11	9	29	0.09	0.29
JUNE	12	7	36	0.07	0.36
JUNE	13	5	41	0.05	0.41
JUNE	14	3	44	0.03	0.44
JUNE	15	10	54	0.10	0.54
JUNE	16	11	65	0.11	0.65
JUNE	17	15	80	0.15	0.80
JUNE	18	22	102	0.22	1.01
JUNE	19	11	113	0.11	1.12
JUNE	20	18	131	0.18	1.30
JUNE	21	9	140	0.09	1.39
JUNE	22	27	167	0.27	1.66
JUNE	23	25	192	0.25	1.91
JUNE	24	5	197	0.05	1.96
JUNE	25	19	216	0.19	2.15
JUNE	26	18	234	0.18	2.33
JUNE	27	0	234	0.00	2.33
JUNE	28	9	243	0.09	2.42
JUNE	29	1	244	0.01	2.43
JUNE	30	27	271	0.27	2.69
JULY	1	42	313	0.42	3.11
JULY	2	102	415	1.01	4.13
JULY	3	17	432	0.17	4.30
JULY	4	7	439	0.07	4.36
JULY	5	2	441	0.02	4.38
JULY	6	13	454	0.13	4.51
JULY	7	15	469	0.15	4.66
JULY	8	108	577	1.07	5.74
JULY	9	64	641	0.64	6.37
JULY	10	222	863	2.21	8.58
JULY	11	739	1602	7.35	15.93
JULY	12	222	1824	2.21	18.13
JULY	13	229	2053	2.28	20.41
JULY	14	176	2229	1.75	22.16
JULY	15	116	2345	1.15	23.31
JULY	16	98	2443	0.97	24.29
JULY	17	214	2657	2.13	26.42
JULY	18	222	2879	2.21	28.62
JULY	19	110	2989	1.09	29.72
JULY	20	79	3068	0.79	30.50
JULY	21	52	3120	0.52	31.02
JULY	22	25	3145	0.25	31.27
JULY	23	38	3183	0.38	31.65
JULY	24	56	3239	0.56	32.20
JULY	25	57	3296	0.57	32.77
JULY	26	57	3353	0.57	33.34
JULY	27	57	3410	0.57	33.90
JULY	28[1]	43	3453	0.43	34.33
JULY	29[1]	65	3518	0.65	34.98
JULY	30	125	3643	1.24	36.22
JULY	31[1]	404	4047	4.02	40.24
AUG.	1[1]	188	4235	1.87	42.11
AUG.	2	122	4357	1.21	43.32
AUG.	3	171	4528	1.70	45.02
AUG.	4	82	4610	0.82	45.83
AUG.	5[1]	30	4640	0.30	46.13
AUG.	6	47	4687	0.47	46.60
AUG.	7[1]	95	4782	0.94	47.54
AUG.	8	51	4833	0.51	48.05

-Continued-

Appendix Table 77. Hugh Smith daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

AUG.	9	87	4920	0.86	48.92
AUG.	10	144	5064	1.43	50.35
AUG.	11	200	5264	1.99	52.34
AUG.	12	161	5425	1.60	53.94
AUG.	13	230	5655	2.29	56.22
AUG.	14	135	5790	1.34	57.57
AUG.	15 [1]	81	5871	0.81	58.37
AUG.	16	103	5974	1.02	59.40
AUG.	17	86	6060	0.86	60.25
AUG.	18 [1]	78	6138	0.78	61.03
AUG.	19	117	6255	1.16	62.19
AUG.	20	181	6436	1.80	63.99
AUG.	21	73	6509	0.73	64.71
AUG.	22	144	6653	1.43	66.15
AUG.	23	123	6776	1.22	67.37
AUG.	24	130	6906	1.29	68.66
AUG.	25	194	7100	1.93	70.59
AUG.	26	132	7232	1.31	71.90
AUG.	27	111	7343	1.10	73.01
AUG.	28	179	7522	1.78	74.79
AUG.	29	36	7558	0.36	75.14
AUG.	30	63	7621	0.63	75.77
AUG.	31	54	7675	0.54	76.31
SEPT.	1	37	7712	0.37	76.68
SEPT.	2	79	7791	0.79	77.46
SEPT.	3	98	7889	0.97	78.44
SEPT.	4	93	7982	0.92	79.36
SEPT.	5	68	8050	0.68	80.04
SEPT.	6	144	8194	1.43	81.47
SEPT.	7	52	8246	0.52	81.98
SEPT.	8	71	8317	0.71	82.69
SEPT.	9	33	8350	0.33	83.02
SEPT.	10	26	8376	0.26	83.28
SEPT.	11	30	8406	0.30	83.58
SEPT.	12	22	8428	0.22	83.79
SEPT.	13	31	8459	0.31	84.10
SEPT.	14	44	8503	0.44	84.54
SEPT.	15	14	8517	0.14	84.68
SEPT.	16	16	8533	0.16	84.84
SEPT.	17	20	8553	0.20	85.04
SEPT.	18	15	8568	0.15	85.19
SEPT.	19	26	8594	0.26	85.44
SEPT.	20	9	8603	0.09	85.53
SEPT.	21	41	8644	0.41	85.94
SEPT.	22	33	8677	0.33	86.27
SEPT.	23	48	8725	0.48	86.75
SEPT.	24	1302	10027	12.94	99.69
SEPT.	25 [2]	22	10049	0.22	99.91
SEPT.	26 [3]	0	10049	0.00	99.91
SEPT.	27	2	10051	0.02	99.93
SEPT.	28	1	10052	0.01	99.94
SEPT.	29	1	10053	0.01	99.95
SEPT.	30	5	10058	0.05	100.00

[1] Sockeye salmon taken for biological samples are included in counts for the following days:

July 28	-	1 sockeye
July 29	-	30 sockeye
July 31	-	4 sockeye
August 1	-	2 sockeye
August 5	-	1 sockeye
August 7	-	4 sockeye
August 15	-	20 sockeye
August 18	-	40 sockeye

[2] Incomplete weir counts; water too high to estimate numbers.

[3] Weir failure.

Appendix Table 78. McDonald Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JULY	9	7	7	0.01	0.01
JULY	10	9	16	0.02	0.03
JULY	11	10	26	0.02	0.05
JULY	12	11	37	0.02	0.07
JULY	13	21	58	0.04	0.10
JULY	14	37	95	0.07	0.17
JULY	15	22	117	0.04	0.21
JULY	16	170	287	0.30	0.51
JULY	17	146	433	0.26	0.77
JULY	18	60	493	0.11	0.88
JULY	19	41	534	0.07	0.95
JULY	20	35	569	0.06	1.01
JULY	21	19	588	0.03	1.05
JULY	22	18	606	0.03	1.08
JULY	23	95	701	0.17	1.25
JULY	24	17	718	0.03	1.28
JULY	25	110	828	0.20	1.47
JULY	26	51	879	0.09	1.57
JULY	27	55	934	0.10	1.66
JULY	28	573	1507	1.02	2.68
JULY	29	668	2175	1.19	3.87
JULY	30	2081	4256	3.71	7.58
JULY	31	15265	19521	27.19	34.77
AUG.	1	1020	20541	1.82	36.58
AUG.	2	359	20900	0.64	37.22
AUG.	3	1359	22259	2.42	39.64
AUG.	4	337	22596	0.60	40.24
AUG.	5	383	22979	0.68	40.93
AUG.	6	2169	25148	3.86	44.79
AUG.	7	575	25723	1.02	45.81
AUG.	8	689	26412	1.23	47.04
AUG.	9	966	27378	1.72	48.76
AUG.	10	67	27445	0.12	48.88
AUG.	11	72	27517	0.13	49.01
AUG.	12	27	27544	0.05	49.06
AUG.	13	53	27597	0.09	49.15
AUG.	14	49	27646	0.09	49.24
AUG.	15	23661	51307	42.14	91.38
AUG.	16	837	52144	1.49	92.87
AUG.	17	88	52232	0.16	93.03
AUG.	18	145	52377	0.26	93.29
AUG.	19	1608	53985	2.86	96.15
AUG.	20	178	54163	0.32	96.47
AUG.	21	71	54234	0.13	96.59
AUG.	22	67	54301	0.12	96.71
AUG.	23	157	54458	0.28	96.99
AUG.	24	947	55405	1.69	98.68
AUG.	25	244	55649	0.43	99.11
AUG.	26	144	55793	0.26	99.37
AUG.	27	140	55933	0.25	99.62
AUG.	28	125	56058	0.22	99.84
AUG.	29	58	56116	0.10	99.94
AUG.	30	22	56138	0.04	99.98
AUG.	31	3	56141	0.01	99.99
SEPT.	1	6	56147	0.01	100.00

Appendix Table 79. Naha River daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	13	0	0	0.00	0.00
JUNE	14	0	0	0.00	0.00
JUNE	15	1	1	0.02	0.02
JUNE	16	4	5	0.09	0.11
JUNE	17	4	9	0.09	0.19
JUNE	18	4	13	0.09	0.28
JUNE	19	13	26	0.28	0.56
JUNE	20	16	42	0.34	0.90
JUNE	21	11	53	0.24	1.13
JUNE	22	10	63	0.21	1.35
JUNE	23	18	81	0.38	1.73
JUNE	24	35	116	0.75	2.48
JUNE	25	28	144	0.60	3.08
JUNE	26	32	176	0.68	3.76
JUNE	27	20	196	0.43	4.19
JUNE	28	41	237	0.88	5.07
JUNE	29	33	270	0.71	5.77
JUNE	30	46	316	0.98	6.75
JULY	1	31	347	0.66	7.42
JULY	2	129	476	2.76	10.17
JULY	3	57	533	1.22	11.39
JULY	4	5	538	0.11	11.50
JULY	5	23	561	0.49	11.99
JULY	6	34	595	0.73	12.72
JULY	7	37	632	0.79	13.51
JULY	8	7	639	0.15	13.66
JULY	9	197	836	4.21	17.87
JULY	10	663	1499	14.17	32.04
JULY	11	27	1526	0.58	32.61
JULY	12	69	1595	1.47	34.09
JULY	13	87	1682	1.86	35.95
JULY	14	31	1713	0.66	36.61
JULY	15	44	1757	0.94	37.55
JULY	16	37	1794	0.79	38.34
JULY	17	51	1845	1.09	39.43
JULY	18	467	2312	9.98	49.41
JULY	19	279	2591	5.96	55.38
JULY	20	133	2724	2.84	58.22
JULY	21	38	2762	0.81	59.03
JULY	22	22	2784	0.47	59.50
JULY	23	15	2799	0.32	59.82
JULY	24	53	2852	1.13	60.95
JULY	25[1]	52	2904	1.11	62.06
JULY	26	108	3012	2.31	64.37
JULY	27	44	3056	0.94	65.31
JULY	28	271	3327	5.79	71.10
JULY	29[1]	163	3490	3.48	74.59
JULY	30	131	3621	2.80	77.39
JULY	31	136	3757	2.91	80.29
AUG.	1	205	3962	4.38	84.68
AUG.	2	77	4039	1.65	86.32
AUG.	3	55	4094	1.18	87.50
AUG.	4	13	4107	0.28	87.78
AUG.	5[1]	31	4138	0.66	88.44
AUG.	6	6	4144	0.13	88.57
AUG.	7	26	4170	0.56	89.12
AUG.	8	26	4196	0.56	89.68
AUG.	9	78	4274	1.67	91.34
AUG.	10[1]	39	4313	0.83	92.18
AUG.	11	48	4361	1.03	93.20
AUG.	12	53	4414	1.13	94.34
AUG.	13	40	4454	0.85	95.19
AUG.	14	78	4532	1.67	96.86
AUG.	15	29	4561	0.62	97.48
AUG.	16	23	4584	0.49	97.97

-Continued-

Appendix Table 79. Naha River daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

AUG.	17	15	4599	0.32	98.29
AUG.	18	17	4616	0.36	98.65
AUG.	19	0	4616	0.00	98.65
AUG.	20	2	4618	0.04	98.70
AUG.	21	27	4645	0.58	99.27
AUG.	22	25	4670	0.53	99.81
AUG.	23	8	4678	0.17	99.98
AUG.	24[2]	0	4678	0.00	99.98
AUG.	25[2]	0	4678	0.00	99.98
AUG.	26	1	4679	0.02	100.00

[1] Sockeye salmon taken for biological samples are included in counts for the following days:
July 25 - 40 sockeye
July 29 - 13 sockeye
August 5 - 20 sockeye
August 10 - 26 sockeye

[2] Weir failure; water too high to estimate numbers.

Appendix Table 80. Tamgass Creek daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	17	1	1	0.11	0.11
JUNE	18	0	1	0.00	0.11
JUNE	19	2	3	0.22	0.33
JUNE	20	0	3	0.00	0.33
JUNE	21	0	3	0.00	0.33
JUNE	22	4	7	0.43	0.76
JUNE	23	0	7	0.00	0.76
JUNE	24	0	7	0.00	0.76
JUNE	25	0	7	0.00	0.76
JUNE	26	2	9	0.22	0.98
JUNE	27	3	12	0.33	1.30
JUNE	28	0	12	0.00	1.30
JUNE	29	2	14	0.22	1.52
JUNE	30	1	15	0.11	1.63
JULY	1	2	17	0.22	1.84
JULY	2	0	17	0.00	1.84
JULY	3	0	17	0.00	1.84
JULY	4	0	17	0.00	1.84
JULY	5	6	23	0.65	2.49
JULY	6	22	45	2.39	4.88
JULY	7	27	72	2.93	7.81
JULY	8	14	86	1.52	9.33
JULY	9	18	104	1.95	11.28
JULY	10	20	124	2.17	13.45
JULY	11	21	145	2.28	15.73
JULY	12	16	161	1.74	17.46
JULY	13	14	175	1.52	18.98
JULY	14	0	175	0.00	18.98
JULY	15	26	201	2.82	21.80
JULY	16	60	261	6.51	28.31
JULY	17	26	287	2.82	31.13
JULY	18	50	337	5.42	36.55
JULY	19	15	352	1.63	38.18
JULY	20[1]	0	352	0.00	38.18
JULY	21[1]	0	352	0.00	38.18
JULY	22[1]	0	352	0.00	38.18
JULY	23[1]	0	352	0.00	38.18
JULY	24[1]	0	352	0.00	38.18
JULY	25[1]	0	352	0.00	38.18
JULY	26[1]	0	352	0.00	38.18
JULY	27[1]	0	352	0.00	38.18
JULY	28	0	352	0.00	38.18
JULY	29	21	373	2.28	40.46
JULY	30	44	417	4.77	45.23
JULY	31	0	417	0.00	45.23
AUG.	1	0	417	0.00	45.23
AUG.	2	29	446	3.15	48.37
AUG.	3	19	465	2.06	50.43
AUG.	4	17	482	1.84	52.28
AUG.	5	18	500	1.95	54.23
AUG.	6	14	514	1.52	55.75
AUG.	7	22	536	2.39	58.13
AUG.	8	23	559	2.49	60.63
AUG.	9	17	576	1.84	62.47
AUG.	10	17	593	1.84	64.32
AUG.	11	22	615	2.39	66.70
AUG.	12	29	644	3.15	69.85
AUG.	13	20	664	2.17	72.02
AUG.	14	16	680	1.74	73.75
AUG.	15	13	693	1.41	75.16
AUG.	16	17	710	1.84	77.01
AUG.	17	5	715	0.54	77.55
AUG.	18	0	715	0.00	77.55

-Continued-

Appendix Table 80. Tamgass Creek daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

AUG.	19	12	727	1.30	78.85
AUG.	20	0	727	0.00	78.85
AUG.	21	22	749	2.39	81.24
AUG.	22	0	749	0.00	81.24
AUG.	23	0	749	0.00	81.24
AUG.	24	30	779	3.25	84.49
AUG.	25	7	786	0.76	85.25
AUG.	26	25	811	2.71	87.96
AUG.	27	28	839	3.04	91.00
AUG.	28	28	867	3.04	94.03
AUG.	29	0	867	0.00	94.03
AUG.	30	12	879	1.30	95.34
AUG.	31	7	886	0.76	96.10
SEPT.	1	12	898	1.30	97.40
SEPT.	2	8	906	0.87	98.26
SEPT.	3	4	910	0.43	98.70
SEPT.	4	8	918	0.87	99.57
SEPT.	5[2]	4	922	0.43	100.00

[1] Weir failure.

[2] Weir was operational until September 30, but the last sockeye salmon was counted through September 5.

Appendix Table 81. Kegan Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	20	12	12	0.14	0.14
JUNE	21	11	23	0.13	0.26
JUNE	22	10	33	0.11	0.38
JUNE	23	11	44	0.13	0.50
JUNE	24	9	53	0.10	0.61
JUNE	25	15	68	0.17	0.78
JUNE	26	24	92	0.27	1.05
JUNE	27	28	120	0.32	1.37
JUNE	28	31	151	0.35	1.73
JUNE	29	25	176	0.29	2.01
JUNE	30	16	192	0.18	2.19
JULY	1	57	249	0.65	2.85
JULY	2	309	558	3.53	6.38
JULY	3	175	733	2.00	8.38
JULY	4	214	947	2.45	10.82
JULY	5	223	1170	2.55	13.37
JULY	6	115	1285	1.31	14.68
JULY	7	261	1546	2.98	17.67
JULY	8	152	1698	1.74	19.40
JULY	9	81	1779	0.93	20.33
JULY	10	66	1845	0.75	21.08
JULY	11	34	1879	0.39	21.47
JULY	12	150	2029	1.71	23.19
JULY	13	58	2087	0.66	23.85
JULY	14	186	2273	2.13	25.97
JULY	15	135	2408	1.54	27.52
JULY	16	48	2456	0.55	28.07
JULY	17	444	2900	5.07	33.14
JULY	18	209	3109	2.39	35.53
JULY	19	78	3187	0.89	36.42
JULY	20	187	3374	2.14	38.56
JULY	21	70	3444	0.80	39.36
JULY	22	159	3603	1.82	41.17
JULY	23 [1]	67	3670	0.77	41.94
JULY	24 [1]	111	3781	1.27	43.21
JULY	25	77	3858	0.88	44.09
JULY	26	297	4155	3.39	47.48
JULY	27	63	4218	0.72	48.20
JULY	28	118	4336	1.35	49.55
JULY	29	123	4459	1.41	50.95
JULY	30	119	4578	1.36	52.31
JULY	31	290	4868	3.31	55.63
AUG.	1	138	5006	1.58	57.20
AUG.	2	187	5193	2.14	59.34
AUG.	3	126	5319	1.44	60.78
AUG.	4	143	5462	1.63	62.42
AUG.	5	143	5605	1.63	64.05
AUG.	6	172	5777	1.97	66.02
AUG.	7	161	5938	1.84	67.86
AUG.	8	263	6201	3.01	70.86
AUG.	9	173	6374	1.98	72.84
AUG.	10	186	6560	2.13	74.96
AUG.	11	123	6683	1.41	76.37
AUG.	12	176	6859	2.01	78.38
AUG.	13	110	6969	1.26	79.64
AUG.	14	285	7254	3.26	82.89
AUG.	15	213	7467	2.43	85.33
AUG.	16	206	7673	2.35	87.68
AUG.	17	77	7750	0.88	88.56
AUG.	18	107	7857	1.22	89.78
AUG.	19	199	8056	2.27	92.06
AUG.	20	79	8135	0.90	92.96
AUG.	21	84	8219	0.96	93.92
AUG.	22	62	8281	0.71	94.63
AUG.	23	36	8317	0.41	95.04
AUG.	24	66	8383	0.75	95.79
AUG.	25	19	8402	0.22	96.01
AUG.	26	20	8422	0.23	96.24
AUG.	27	1	8423	0.01	96.25

-Continued-

Appendix Table 81. Kegan Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

AUG.	28	0	8423	0.00	96.25
AUG.	29	0	8423	0.00	96.25
AUG.	30	1	8424	0.01	96.26
AUG.	31	11	8435	0.13	96.39
SEPT.	1	14	8449	0.16	96.55
SEPT.	2	32	8481	0.37	96.91
SEPT.	3	13	8494	0.15	97.06
SEPT.	4	26	8520	0.30	97.36
SEPT.	5	47	8567	0.54	97.90
SEPT.	6	41	8608	0.47	98.37
SEPT.	7	39	8647	0.45	98.81
SEPT.	8	22	8669	0.25	99.06
SEPT.	9	25	8694	0.29	99.35
SEPT.	10	15	8709	0.17	99.52
SEPT.	11	4	8713	0.05	99.57
SEPT.	12[2]	38	8751	0.43	100.00

[1] Sockeye salmon taken for biological samples are included in counts for the following days:

July 23 - 40 sockeye
July 24 - 60 sockeye

[2] Count includes an estimate of 35 sockeye salmon observed downstream from the weir.

Appendix Table 82. Karta River daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	18	168	168	0.75	0.75
JUNE	19	166	334	0.74	1.48
JUNE	20	109	443	0.48	1.97
JUNE	21	990	1433	4.39	6.36
JUNE	22	280	1713	1.24	7.60
JUNE	23	1737	3450	7.71	15.31
JUNE	24	481	3931	2.13	17.45
JUNE	25	947	4878	4.20	21.65
JUNE	26	170	5048	0.75	22.40
JUNE	27	545	5593	2.42	24.82
JUNE	28	916	6509	4.07	28.89
JUNE	29	703	7212	3.12	32.01
JUNE	30	513	7725	2.28	34.28
JULY	1	715	8440	3.17	37.46
JULY	2	1045	9485	4.64	42.10
JULY	3	523	10008	2.32	44.42
JULY	4	962	10970	4.27	48.69
JULY	5	552	11522	2.45	51.14
JULY	6	599	12121	2.66	53.79
JULY	7	859	12980	3.81	57.61
JULY	8	205	13185	0.91	58.52
JULY	9	138	13323	0.61	59.13
JULY	10	470	13793	2.09	61.22
JULY	11	350	14143	1.55	62.77
JULY	12	248	14391	1.10	63.87
JULY	13	592	14983	2.63	66.50
JULY	14	227	15210	1.01	67.50
JULY	15	584	15794	2.59	70.10
JULY	16	48	15842	0.21	70.31
JULY	17	502	16344	2.23	72.54
JULY	18	698	17042	3.10	75.63
JULY	19	410	17452	1.82	77.45
JULY	20	502	17954	2.23	79.68
JULY	21	249	18203	1.11	80.79
JULY	22	237	18440	1.05	81.84
JULY	23[1]	11	18451	0.05	81.89
JULY	24[1]	155	18606	0.69	82.58
JULY	25[1]	141	18747	0.63	83.20
JULY	26[1]	125	18872	0.55	83.76
JULY	27	356	19228	1.58	85.34
JULY	28	135	19363	0.60	85.94
JULY	29	130	19493	0.58	86.51
JULY	30	73	19566	0.32	86.84
JULY	31[1]	346	19912	1.54	88.37
AUG.	1	133	20045	0.59	88.96
AUG.	2	88	20133	0.39	89.35
AUG.	3	65	20198	0.29	89.64
AUG.	4	97	20295	0.43	90.07
AUG.	5	73	20368	0.32	90.40
AUG.	6	74	20442	0.33	90.72
AUG.	7	110	20552	0.49	91.21
AUG.	8	200	20752	0.89	92.10
AUG.	9	477	21229	2.12	94.22
AUG.	10	84	21313	0.37	94.59
AUG.	11	65	21378	0.29	94.88
AUG.	12	129	21507	0.57	95.45
AUG.	13	50	21557	0.22	95.67
AUG.	14	37	21594	0.16	95.84
AUG.	15	330	21924	1.46	97.30
AUG.	16	115	22039	0.51	97.81
AUG.	17	74	22113	0.33	98.14
AUG.	18	43	22156	0.19	98.33
AUG.	19[2]	20	22176	0.09	98.42
AUG.	20	77	22253	0.34	98.76
AUG.	21	46	22299	0.20	98.97
AUG.	22	38	22337	0.17	99.13
AUG.	23	70	22407	0.31	99.45
AUG.	24	23	22430	0.10	99.55
AUG.	25	31	22461	0.14	99.68

-Continued-

Appendix Table 82. Karta River daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

AUG.	26	15	22476	0.07	99.75
AUG.	27	11	22487	0.05	99.80
AUG.	28 [3]	0	22487	0.00	99.80
AUG.	29	11	22498	0.05	99.85
AUG.	30	5	22503	0.02	99.87
AUG.	31	5	22508	0.02	99.89
SEPT.	1	2	22510	0.01	99.90
SEPT.	2	0	22510	0.00	99.90
SEPT.	3	4	22514	0.02	99.92
SEPT.	4	1	22515	0.00	99.92
SEPT.	5	2	22517	0.01	99.93
SEPT.	6	0	22517	0.00	99.93
SEPT.	7	3	22520	0.01	99.95
SEPT.	8	5	22525	0.02	99.97
SEPT.	9	2	22527	0.01	99.98
SEPT.	10	2	22529	0.01	99.99
SEPT.	11	3	22532	0.01	100.00
SEPT.	12	0	22532	0.00	100.00

[1] Sockeye salmon taken for biological samples are included in counts for the following days:

July 23 - 11 sockeye
July 24 - 39 sockeye
July 25 - 21 sockeye
July 26 - 20 sockeye
July 31 - 9 sockeye

[2] Incomplete counts; water too high to estimate numbers.

[3] Weir failure.

Appendix Table 83. Klakas Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	8	0	0	0.00	0.00
JUNE	9	0	0	0.00	0.00
JUNE	10	0	0	0.00	0.00
JUNE	11	0	0	0.00	0.00
JUNE	12	0	0	0.00	0.00
JUNE	13	0	0	0.00	0.00
JUNE	14	0	0	0.00	0.00
JUNE	15	0	0	0.00	0.00
JUNE	16	0	0	0.00	0.00
JUNE	17	0	0	0.00	0.00
JUNE	18	0	0	0.00	0.00
JUNE	19	0	0	0.00	0.00
JUNE	20	0	0	0.00	0.00
JUNE	21	3	3	0.21	0.21
JUNE	22	0	3	0.00	0.21
JUNE	23	3	6	0.21	0.42
JUNE	24	1	7	0.07	0.50
JUNE	25	2	9	0.14	0.64
JUNE	26	4	13	0.28	0.92
JUNE	27	0	13	0.00	0.92
JUNE	28	3	16	0.21	1.13
JUNE	29	0	16	0.00	1.13
JUNE	30	23	39	1.63	2.76
JULY	1	8	47	0.57	3.33
JULY	2	10	57	0.71	4.03
JULY	3	10	67	0.71	4.74
JULY	4	0	67	0.00	4.74
JULY	5	6	73	0.42	5.17
JULY	6	11	84	0.78	5.94
JULY	7	13	97	0.92	6.86
JULY	8	31	128	2.19	9.06
JULY	9	27	155	1.91	10.97
JULY	10	18	173	1.27	12.24
JULY	11	60	233	4.25	16.49
JULY	12	38	271	2.69	19.18
JULY	13	59	330	4.18	23.35
JULY	14	66	396	4.67	28.03
JULY	15	21	417	1.49	29.51
JULY	16	0	417	0.00	29.51
JULY	17	0	417	0.00	29.51
JULY	18	1	418	0.07	29.58
JULY	19	20	438	1.42	31.00
JULY	20	9	447	0.64	31.63
JULY	21	6	453	0.42	32.06
JULY	22	2	455	0.14	32.20
JULY	23	3	458	0.21	32.41
JULY	24	14	472	0.99	33.40
JULY	25	97	569	6.86	40.27
JULY	26	153	722	10.83	51.10
JULY	27	99	821	7.01	58.10
JULY	28	54	875	3.82	61.92
JULY	29	68	943	4.81	66.74
JULY	30	9	952	0.64	67.37
JULY	31	9	961	0.64	68.01
AUG.	1	42	1003	2.97	70.98
AUG.	2	35	1038	2.48	73.46
AUG.	3	16	1054	1.13	74.59
AUG.	4[1]	19	1073	1.34	75.94
AUG.	5[1]	23	1096	1.63	77.57
AUG.	6[1]	9	1105	0.64	78.20
AUG.	7[1]	16	1121	1.13	79.33
AUG.	8[1]	34	1155	2.41	81.74
AUG.	9	39	1194	2.76	84.50
AUG.	10	27	1221	1.91	86.41
AUG.	11	42	1263	2.97	89.38
AUG.	12	24	1287	1.70	91.08
AUG.	13	12	1299	0.85	91.93
AUG.	14	22	1321	1.56	93.49
AUG.	15	14	1335	0.99	94.48

-Continued-

Appendix Table 83. Klakas River daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

AUG.	16	5	1340	0.35	94.83
AUG.	17	6	1346	0.42	95.26
AUG.	18	4	1350	0.28	95.54
AUG.	19	4	1354	0.28	95.82
AUG.	20	0	1354	0.00	95.82
AUG.	21	2	1356	0.14	95.97
AUG.	22	3	1359	0.21	96.18
AUG.	23	5	1364	0.35	96.53
AUG.	24	1	1365	0.07	96.60
AUG.	25	4	1369	0.28	96.89
AUG.	26	9	1378	0.64	97.52
AUG.	27	0	1378	0.00	97.52
AUG.	28	0	1378	0.00	97.52
AUG.	29	2	1380	0.14	97.66
AUG.	30	2	1382	0.14	97.81
AUG.	31	2	1384	0.14	97.95
SEPT.	1	2	1386	0.14	98.09
SEPT.	2	0	1386	0.00	98.09
SEPT.	3	1	1387	0.07	98.16
SEPT.	4	1	1388	0.07	98.23
SEPT.	5	1	1389	0.07	98.30
SEPT.	6	3	1392	0.21	98.51
SEPT.	7	2	1394	0.14	98.66
SEPT.	8	3	1397	0.21	98.87
SEPT.	9	2	1399	0.14	99.01
SEPT.	10	3	1402	0.21	99.22
SEPT.	11	2	1404	0.14	99.36
SEPT.	12	4	1408	0.28	99.65
SEPT.	13	0	1408	0.00	99.65
SEPT.	14	0	1408	0.00	99.65
SEPT.	15	2	1410	0.14	99.79
SEPT.	16	0	1410	0.00	99.79
SEPT.	17	1	1411	0.07	99.86
SEPT.	18	0	1411	0.00	99.86
SEPT.	19	1	1412	0.07	99.93
SEPT.	20	0	1412	0.00	99.93
SEPT.	21	0	1412	0.00	99.93
SEPT.	22	0	1412	0.00	99.93
SEPT.	23	0	1412	0.00	99.93
SEPT.	24	0	1412	0.00	99.93
SEPT.	25	0	1412	0.00	99.93
SEPT.	26	0	1412	0.00	99.93
SEPT.	27	0	1412	0.00	99.93
SEPT.	28	0	1412	0.00	99.93
SEPT.	29	0	1412	0.00	99.93
SEPT.	30	0	1412	0.00	99.93
OCT.	1	0	1412	0.00	99.93
OCT.	2	0	1412	0.00	99.93
OCT.	3	0	1412	0.00	99.93
OCT.	4[2]	1	1413	0.07	100.00

[1] Sockeye salmon taken for biological samples are included in counts for the following days:

August 4 - 19 sockeye
August 5 - 21 sockeye
August 6 - 9 sockeye
August 7 - 16 sockeye
August 8 - 34 sockeye

[2] Weir was operational until November 10, but the last sockeye salmon was counted through October 4.

Appendix Table 84. Klawock River daily, cumulative, and percent weir count of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JULY	7	0	0	0.00	0.00
JULY	8	0	0	0.00	0.00
JULY	9	0	0	0.00	0.00
JULY	10	0	0	0.00	0.00
JULY	11	0	0	0.00	0.00
JULY	12	0	0	0.00	0.00
JULY	13	0	0	0.00	0.00
JULY	14[1]	4	4	0.48	0.48
JULY	15	0	4	0.00	0.48
JULY	16	0	4	0.00	0.48
JULY	17[1]	1	5	0.12	0.60
JULY	18	0	5	0.00	0.60
JULY	19[1]	1	6	0.12	0.71
JULY	20[1]	4	10	0.48	1.19
JULY	21	1	11	0.12	1.31
JULY	22	0	11	0.00	1.31
JULY	23	0	11	0.00	1.31
JULY	24[1]	50	61	5.95	7.26
JULY	25[1]	10	71	1.19	8.45
JULY	26	0	71	0.00	8.45
JULY	27	6	77	0.71	9.17
JULY	28	1	78	0.12	9.29
JULY	29	20	98	2.38	11.67
JULY	30	1	99	0.12	11.79
JULY	31[1]	14	113	1.67	13.45
AUG.	1	0	113	0.00	13.45
AUG.	2	0	113	0.00	13.45
AUG.	3	3	116	0.36	13.81
AUG.	4[1]	6	122	0.71	14.52
AUG.	5	1	123	0.12	14.64
AUG.	6	1	124	0.12	14.76
AUG.	7	0	124	0.00	14.76
AUG.	8	0	124	0.00	14.76
AUG.	9	18	142	2.14	16.90
AUG.	10	14	156	1.67	18.57
AUG.	11	41	197	4.88	23.45
AUG.	12	6	203	0.71	24.17
AUG.	13	2	205	0.24	24.40
AUG.	14	0	205	0.00	24.40
AUG.	15	259	464	30.83	55.24
AUG.	16	18	482	2.14	57.38
AUG.	17	14	496	1.67	59.05
AUG.	18	3	499	0.36	59.40
AUG.	19	75	574	8.93	68.33
AUG.	20	32	606	3.81	72.14
AUG.	21	3	609	0.36	72.50
AUG.	22	2	611	0.24	72.74
AUG.	23	11	622	1.31	74.05
AUG.	24	16	638	1.90	75.95
AUG.	25	14	652	1.67	77.62
AUG.	26	22	674	2.62	80.24
AUG.	27	35	709	4.17	84.40
AUG.	28	12	721	1.43	85.83
AUG.	29	2	723	0.24	86.07
AUG.	30	4	727	0.48	86.55
AUG.	31	0	727	0.00	86.55
SEPT.	1	0	727	0.00	86.55
SEPT.	2	0	727	0.00	86.55
SEPT.	3	1	728	0.12	86.67
SEPT.	4	2	730	0.24	86.90
SEPT.	5	0	730	0.00	86.90
SEPT.	6	0	730	0.00	86.90
SEPT.	7	0	730	0.00	86.90
SEPT.	8	3	733	0.36	87.26
SEPT.	9	2	735	0.24	87.50
SEPT.	10	0	735	0.00	87.50
SEPT.	11	1	736	0.12	87.62
SEPT.	12	1	737	0.12	87.74
SEPT.	13	3	740	0.36	88.10

-Continued-

Appendix Table 84. Klawock River daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

SEPT.	14	1	741	0.12	88.21
SEPT.	15	11	752	1.31	89.52
SEPT.	16	12	764	1.43	90.95
SEPT.	17	9	773	1.07	92.02
SEPT.	18	4	777	0.48	92.50
SEPT.	19	1	778	0.12	92.62
SEPT.	20	24	802	2.86	95.48
SEPT.	21	22	824	2.62	98.10
SEPT.	22	2	826	0.24	98.33
SEPT.	23	3	829	0.36	98.69
SEPT.	24	9	838	1.07	99.76
SEPT.	25	0	838	0.00	99.76
SEPT.	26	1	839	0.12	99.88
SEPT.	27	0	839	0.00	99.88
SEPT.	28	0	839	0.00	99.88
SEPT.	29	1	840	0.12	100.00
SEPT.	30	0	840	0.00	100.00
OCT.	1	0	840	0.00	100.00

[1] Sockeye salmon found dead at the weir were included in counts for the following days:

July 14 - 4 sockeye
July 17 - 1 sockeye
July 19 - 1 sockeye
July 20 - 1 sockeye
July 24 - 2 sockeye
July 25 - 2 sockeye
July 31 - 5 sockeye
Aug 4 - 1 sockeye

Appendix Table 85. Warmchuck Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	19	0	0	0.00	0.00
JUNE	20	0	0	0.00	0.00
JUNE	21	0	0	0.00	0.00
JUNE	22	0	0	0.00	0.00
JUNE	23	0	0	0.00	0.00
JUNE	24	0	0	0.00	0.00
JUNE	25	0	0	0.00	0.00
JUNE	26	0	0	0.00	0.00
JUNE	27	0	0	0.00	0.00
JUNE	28	0	0	0.00	0.00
JUNE	29	0	0	0.00	0.00
JUNE	30	0	0	0.00	0.00
JULY	1	0	0	0.00	0.00
JULY	2	0	0	0.00	0.00
JULY	3	0	0	0.00	0.00
JULY	4	0	0	0.00	0.00
JULY	5	0	0	0.00	0.00
JULY	6	0	0	0.00	0.00
JULY	7	0	0	0.00	0.00
JULY	8	1	1	0.03	0.03
JULY	9	0	1	0.00	0.03
JULY	10	2	3	0.06	0.09
JULY	11	1	4	0.03	0.12
JULY	12	0	4	0.00	0.12
JULY	13	0	4	0.00	0.12
JULY	14	0	4	0.00	0.12
JULY	15	0	4	0.00	0.12
JULY	16	0	4	0.00	0.12
JULY	17	0	4	0.00	0.12
JULY	18	0	4	0.00	0.12
JULY	19	0	4	0.00	0.12
JULY	20	0	4	0.00	0.12
JULY	21	7	11	0.21	0.32
JULY	22	11	22	0.32	0.65
JULY	23	12	34	0.35	1.00
JULY	24	5	39	0.15	1.15
JULY	25	1	40	0.03	1.18
JULY	26	26	66	0.77	1.94
JULY	27	21	87	0.62	2.56
JULY	28	33	120	0.97	3.53
JULY	29	19	139	0.56	4.09
JULY	30	16	155	0.47	4.57
JULY	31	11	166	0.32	4.89
AUG.	1	65	231	1.91	6.80
AUG.	2	106	337	3.12	9.93
AUG.	3	177	514	5.21	15.14
AUG.	4	60	574	1.77	16.91
AUG.	5	400	974	11.78	28.69
AUG.	6	211	1185	6.22	34.90
AUG.	7	93	1278	2.74	37.64
AUG.	8	157	1435	4.62	42.27
AUG.	9	165	1600	4.86	47.13
AUG.	10	375	1975	11.05	58.17
AUG.	11	159	2134	4.68	62.86
AUG.	12	99	2233	2.92	65.77
AUG.	13	41	2274	1.21	66.98
AUG.	14	96	2370	2.83	69.81
AUG.	15	232	2602	6.83	76.64
AUG.	16 [1]	40	2642	1.18	77.82
AUG.	17 [1]	63	2705	1.86	79.68
AUG.	18	46	2751	1.35	81.03
AUG.	19	53	2804	1.56	82.59
AUG.	20	51	2855	1.50	84.09
AUG.	21	28	2883	0.82	84.92
AUG.	22	28	2911	0.82	85.74
AUG.	23	29	2940	0.85	86.60
AUG.	24	32	2972	0.94	87.54
AUG.	25	20	2992	0.59	88.13
AUG.	26	39	3031	1.15	89.28

-Continued-

Appendix Table 85. Warmchuck Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

AUG.	27	36	3067	1.06	90.34
AUG.	28	46	3113	1.35	91.69
AUG.	29	23	3136	0.68	92.37
AUG.	30	30	3166	0.88	93.25
AUG.	31	25	3191	0.74	93.99
SEPT.	1	23	3214	0.68	94.67
SEPT.	2	19	3233	0.56	95.23
SEPT.	3	16	3249	0.47	95.70
SEPT.	4	23	3272	0.68	96.38
SEPT.	5	20	3292	0.59	96.97
SEPT.	6	8	3300	0.24	97.20
SEPT.	7	11	3311	0.32	97.53
SEPT.	8	14	3325	0.41	97.94
SEPT.	9	10	3335	0.29	98.23
SEPT.	10	9	3344	0.27	98.50
SEPT.	11	2	3346	0.06	98.56
SEPT.	12	1	3347	0.03	98.59
SEPT.	13	3	3350	0.09	98.67
SEPT.	14	7	3357	0.21	98.88
SEPT.	15	3	3360	0.09	98.97
SEPT.	16	5	3365	0.15	99.12
SEPT.	17	4	3369	0.12	99.23
SEPT.	18	1	3370	0.03	99.26
SEPT.	19	0	3370	0.00	99.26
SEPT.	20	5	3375	0.15	99.41
SEPT.	21	5	3380	0.15	99.56
SEPT.	22	2	3382	0.06	99.62
SEPT.	23	0	3382	0.00	99.62
SEPT.	24	10	3392	0.29	99.91
SEPT.	25	0	3392	0.00	99.91
SEPT.	26	1	3393	0.03	99.94
SEPT.	27	0	3393	0.00	99.94
SEPT.	28	1	3394	0.03	99.97
SEPT.	29[2]	1	3395	0.03	100.00

[1] Sockeye salmon taken for biological samples are included in counts for the following days:

August 16 - 40 sockeye
August 17 - 60 sockeye

[2] Weir was operational until October 18, but the last sockeye salmon was counted through September 29.

Appendix Table 86. Sarkar Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	10	0	0	0.00	0.00
JUNE	11	0	0	0.00	0.00
JUNE	12	0	0	0.00	0.00
JUNE	13	0	0	0.00	0.00
JUNE	14	0	0	0.00	0.00
JUNE	15	1	1	0.04	0.04
JUNE	16	0	1	0.00	0.04
JUNE	17	0	1	0.00	0.04
JUNE	18	0	1	0.00	0.04
JUNE	19	0	1	0.00	0.04
JUNE	20	0	1	0.00	0.04
JUNE	21	13	14	0.49	0.52
JUNE	22	0	14	0.00	0.52
JUNE	23	219	233	8.17	8.69
JUNE	24	70	303	2.61	11.31
JUNE	25	2	305	0.07	11.38
JUNE	26	42	347	1.57	12.95
JUNE	27	10	357	0.37	13.32
JUNE	28	3	360	0.11	13.43
JUNE	29	0	360	0.00	13.43
JUNE	30	65	425	2.43	15.86
JULY	1	45	470	1.68	17.54
JULY	2	51	521	1.90	19.44
JULY	3	201	722	7.50	26.94
JULY	4	0	722	0.00	26.94
JULY	5	0	722	0.00	26.94
JULY	6	5	727	0.19	27.13
JULY	7	0	727	0.00	27.13
JULY	8	35	762	1.31	28.43
JULY	9	100	862	3.73	32.16
JULY	10	100	962	3.73	35.90
JULY	11	151	1113	5.63	41.53
JULY	12	6	1119	0.22	41.75
JULY	13	0	1119	0.00	41.75
JULY	14	2	1121	0.07	41.83
JULY	15	76	1197	2.84	44.66
JULY	16	28	1225	1.04	45.71
JULY	17	6	1231	0.22	45.93
JULY	18	8	1239	0.30	46.23
JULY	19	0	1239	0.00	46.23
JULY	20	12	1251	0.45	46.68
JULY	21	474	1725	17.69	64.37
JULY	22[1]	49	1774	1.83	66.19
JULY	23	35	1809	1.31	67.50
JULY	24	38	1847	1.42	68.92
JULY	25	13	1860	0.49	69.40
JULY	26	263	2123	9.81	79.22
JULY	27	20	2143	0.75	79.96
JULY	28	6	2149	0.22	80.19
JULY	29	14	2163	0.52	80.71
JULY	30	54	2217	2.01	82.72
JULY	31	93	2310	3.47	86.19
AUG.	1	78	2388	2.91	89.10
AUG.	2	33	2421	1.23	90.34
AUG.	3	13	2434	0.49	90.82
AUG.	4	84	2518	3.13	93.96
AUG.	5	73	2591	2.72	96.68
AUG.	6	17	2608	0.63	97.31
AUG.	7	10	2618	0.37	97.69
AUG.	8	8	2626	0.30	97.99
AUG.	9	11	2637	0.41	98.40
AUG.	10	0	2637	0.00	98.40
AUG.	11	5	2642	0.19	98.58
AUG.	12	6	2648	0.22	98.81
AUG.	13	2	2650	0.07	98.88
AUG.	14	1	2651	0.04	98.92
AUG.	15	13	2664	0.49	99.40
AUG.	16	9	2673	0.34	99.74
AUG.	17	0	2673	0.00	99.74
AUG.	18	0	2673	0.00	99.74
AUG.	19	7	2680	0.26	100.00
AUG.	20	0	2680	0.00	100.00
AUG.	21	0	2680	0.00	100.00

Appendix Table 87. Salmon Bay Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	12	4	4	0.03	0.03
JUNE	13	5	9	0.04	0.06
JUNE	14	1	10	0.01	0.07
JUNE	15	4	14	0.03	0.10
JUNE	16	4	18	0.03	0.13
JUNE	17	14	32	0.10	0.23
JUNE	18	17	49	0.12	0.35
JUNE	19	14	63	0.10	0.45
JUNE	20	14	77	0.10	0.55
JUNE	21	9	86	0.06	0.61
JUNE	22	29	115	0.21	0.82
JUNE	23	15	130	0.11	0.93
JUNE	24	35	165	0.25	1.18
JUNE	25	40	205	0.29	1.46
JUNE	26	33	238	0.24	1.70
JUNE	27	40	278	0.29	1.98
JUNE	28	16	294	0.11	2.10
JUNE	29	37	331	0.26	2.36
JUNE	30	30	361	0.21	2.57
JULY	1	10	371	0.07	2.65
JULY	2	10	381	0.07	2.72
JULY	3	7	388	0.05	2.77
JULY	4	3	391	0.02	2.79
JULY	5	0	391	0.00	2.79
JULY	6	11	402	0.08	2.87
JULY	7	39	441	0.28	3.14
JULY	8	28	469	0.20	3.34
JULY	9	58	527	0.41	3.76
JULY	10	455	982	3.24	7.00
JULY	11	160	1142	1.14	8.14
JULY	12	133	1275	0.95	9.09
JULY	13	127	1402	0.91	10.00
JULY	14	112	1514	0.80	10.80
JULY	15	119	1633	0.85	11.65
JULY	16	43	1676	0.31	11.95
JULY	17	37	1713	0.26	12.22
JULY	18	15	1728	0.11	12.32
JULY	19	357	2085	2.55	14.87
JULY	20	303	2388	2.16	17.03
JULY	21	67	2455	0.48	17.51
JULY	22	101	2556	0.72	18.23
JULY	23	338	2894	2.41	20.64
JULY	24	65	2959	0.46	21.10
JULY	25	336	3295	2.40	23.50
JULY	26	200	3495	1.43	24.92
JULY	27	55	3550	0.39	25.32
JULY	28	2347	5897	16.74	42.05
JULY	29	700	6597	4.99	47.04
JULY	30	507	7104	3.62	50.66
JULY	31	2220	9324	15.83	66.49
AUG.	1	350	9674	2.50	68.99
AUG.	2	232	9906	1.65	70.64
AUG.	3	848	10754	6.05	76.69
AUG.	4	55	10809	0.39	77.08
AUG.	5	113	10922	0.81	77.89
AUG.	6	163	11085	1.16	79.05
AUG.	7	342	11427	2.44	81.49
AUG.	8	6	11433	0.04	81.53
AUG.	9[1]	76	11509	0.54	82.07
AUG.	10	791	12300	5.64	87.71
AUG.	11	95	12395	0.68	88.39
AUG.	12	39	12434	0.28	88.67
AUG.	13	17	12451	0.12	88.79

-Continued-

Appendix Table 87. Salmon Bay Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

AUG.	14	462	12913	3.29	92.08
AUG.	15	680	13593	4.85	96.93
AUG.	16	51	13644	0.36	97.30
AUG.	17	26	13670	0.19	97.48
AUG.	18	9	13679	0.06	97.55
AUG.	19	57	13736	0.41	97.95
AUG.	20	78	13814	0.56	98.51
AUG.	21	5	13819	0.04	98.55
AUG.	22	2	13821	0.01	98.56
AUG.	23	76	13897	0.54	99.10
AUG.	24	19	13916	0.14	99.24
AUG.	25	7	13923	0.05	99.29
AUG.	26[2]	100	14023	0.71	100.00

[1] A total of 76 fish taken for biological samples are included in counts for August 9.

[2] Estimate of fish observed downstream from the weir.

Appendix Table 88. Tahltan Lake daily, cumulative, and percent weir counts of sockeye salmon, northwestern British Columbia, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JULY	6	1	1	0.00	0.00
JULY	7	0	1	0.00	0.00
JULY	8	0	1	0.00	0.00
JULY	9	1	2	0.00	0.01
JULY	10	0	2	0.00	0.01
JULY	11	0	2	0.00	0.01
JULY	12	0	2	0.00	0.01
JULY	13	0	2	0.00	0.01
JULY	14	0	2	0.00	0.01
JULY	15	2	4	0.01	0.02
JULY	16	0	4	0.00	0.02
JULY	17	4	8	0.02	0.04
JULY	18	3	11	0.01	0.05
JULY	19	1	12	0.00	0.06
JULY	20	6453	6465	30.36	30.41
JULY	21	2327	8792	10.95	41.36
JULY	22	1487	10279	7.00	48.36
JULY	23	1202	11481	5.65	54.01
JULY	24	1165	12646	5.48	59.49
JULY	25	1059	13705	4.98	64.48
JULY	26	1139	14844	5.36	69.83
JULY	27	757	15601	3.56	73.40
JULY	28	739	16340	3.48	76.87
JULY	29	507	16847	2.39	79.26
JULY	30	316	17163	1.49	80.74
JULY	31	337	17500	1.59	82.33
AUG.	1	436	17936	2.05	84.38
AUG.	2	407	18343	1.91	86.30
AUG.	3	104	18447	0.49	86.78
AUG.	4	392	18839	1.84	88.63
AUG.	5	54	18893	0.25	88.88
AUG.	6	592	19485	2.79	91.67
AUG.	7	109	19594	0.51	92.18
AUG.	8	100	19694	0.47	92.65
AUG.	9	160	19854	0.75	93.40
AUG.	10	101	19955	0.48	93.88
AUG.	11	190	20145	0.89	94.77
AUG.	12	51	20196	0.24	95.01
AUG.	13	1	20197	0.00	95.02
AUG.	14	29	20226	0.14	95.15
AUG.	15	152	20378	0.72	95.87
AUG.	16	0	20378	0.00	95.87
AUG.	17	146	20524	0.69	96.56
AUG.	18	66	20590	0.31	96.87
AUG.	19	28	20618	0.13	97.00
AUG.	20	0	20618	0.00	97.00
AUG.	21	30	20648	0.14	97.14
AUG.	22	183	20831	0.86	98.00
AUG.	23	14	20845	0.07	98.07
AUG.	24	38	20883	0.18	98.25
AUG.	25	31	20914	0.15	98.39
AUG.	26	0	20914	0.00	98.39
AUG.	27	13	20927	0.06	98.45
AUG.	28	3	20930	0.01	98.47
AUG.	29	10	20940	0.05	98.51
AUG.	30	7	20947	0.03	98.55
AUG.	31	4	20951	0.02	98.57
SEPT.	1	2	20953	0.01	98.57
SEPT.	2	4	20957	0.02	98.59
SEPT.	3	0	20957	0.00	98.59
SEPT.	4	0	20957	0.00	98.59
SEPT.	5	97	21054	0.46	99.05
SEPT.	6	95	21149	0.45	99.50
SEPT.	7	107	21256	0.50	100.00

Appendix Table 89. Falls Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	22	5	5	0.30	0.30
JUNE	23	1	6	0.06	0.36
JUNE	24	0	6	0.00	0.36
JUNE	25	2	8	0.12	0.48
JUNE	26	2	10	0.12	0.60
JUNE	27	0	10	0.00	0.60
JUNE	28	0	10	0.00	0.60
JUNE	29	1	11	0.06	0.66
JUNE	30	0	11	0.00	0.66
JULY	1	1	12	0.06	0.72
JULY	2	0	12	0.00	0.72
JULY	3	20	32	1.21	1.93
JULY	4	7	39	0.42	2.35
JULY	5	12	51	0.72	3.08
JULY	6	1	52	0.06	3.14
JULY	7	40	92	2.41	5.55
JULY	8	25	117	1.51	7.06
JULY	9	2	119	0.12	7.18
JULY	10	1	120	0.06	7.24
JULY	11	28	148	1.69	8.93
JULY	12	68	216	4.10	13.04
JULY	13	41	257	2.47	15.51
JULY	14	155	412	9.35	24.86
JULY	15	84	496	5.07	29.93
JULY	16	47	543	2.84	32.77
JULY	17	52	595	3.14	35.91
JULY	18	72	667	4.35	40.25
JULY	19	88	755	5.31	45.56
JULY	20	34	789	2.05	47.62
JULY	21	44	833	2.66	50.27
JULY	22	15	848	0.91	51.18
JULY	23	27	875	1.63	52.81
JULY	24	118	993	7.12	59.93
JULY	25	84	1077	5.07	65.00
JULY	26	58	1135	3.50	68.50
JULY	27	41	1176	2.47	70.97
JULY	28	79	1255	4.77	75.74
JULY	29	67	1322	4.04	79.78
JULY	30	28	1350	1.69	81.47
JULY	31	39	1389	2.35	83.83
AUG.	1	37	1426	2.23	86.06
AUG.	2	30	1456	1.81	87.87
AUG.	3	46	1502	2.78	90.65
AUG.	4	24	1526	1.45	92.09
AUG.	5	18	1544	1.09	93.18
AUG.	6	13	1557	0.78	93.97
AUG.	7	7	1564	0.42	94.39
AUG.	8	5	1569	0.30	94.69
AUG.	9	10	1579	0.60	95.29
AUG.	10	8	1587	0.48	95.78
AUG.	11	25	1612	1.51	97.28
AUG.	12	11	1623	0.66	97.95
AUG.	13	9	1632	0.54	98.49
AUG.	14	3	1635	0.18	98.67
AUG.	15	5	1640	0.30	98.97
AUG.	16	6	1646	0.36	99.34
AUG.	17	0	1646	0.00	99.34
AUG.	18	1	1647	0.06	99.40
AUG.	19	2	1649	0.12	99.52
AUG.	20	2	1651	0.12	99.64
AUG.	21	1	1652	0.06	99.70
AUG.	22	0	1652	0.00	99.70
AUG.	23	0	1652	0.00	99.70
AUG.	24	2	1654	0.12	99.82
AUG.	25	0	1654	0.00	99.82
AUG.	26	0	1654	0.00	99.82
AUG.	27	0	1654	0.00	99.82
AUG.	28	0	1654	0.00	99.82

-Continued-

Appendix Table 89. Falls Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

AUG.	29	0	1654	0.00	99.82
AUG.	30	0	1654	0.00	99.82
AUG.	31	0	1654	0.00	99.82
SEPT.	1	0	1654	0.00	99.82
SEPT.	2	0	1654	0.00	99.82
SEPT.	3	0	1654	0.00	99.82
SEPT.	4	0	1654	0.00	99.82
SEPT.	5	0	1654	0.00	99.82
SEPT.	6	1	1655	0.06	99.88
SEPT.	7	0	1655	0.00	99.88
SEPT.	8	0	1655	0.00	99.88
SEPT.	9	0	1655	0.00	99.88
SEPT.	10	1	1656	0.06	99.94
SEPT.	11	0	1656	0.00	99.94
SEPT.	12	0	1656	0.00	99.94
SEPT.	13	0	1656	0.00	99.94
SEPT.	14	0	1656	0.00	99.94
SEPT.	15	0	1656	0.00	99.94
SEPT.	16	0	1656	0.00	99.94
SEPT.	17	0	1656	0.00	99.94
SEPT.	18	0	1656	0.00	99.94
SEPT.	19	0	1656	0.00	99.94
SEPT.	20	0	1656	0.00	99.94
SEPT.	21	0	1656	0.00	99.94
SEPT.	22	0	1656	0.00	99.94
SEPT.	23	0	1656	0.00	99.94
SEPT.	24	0	1656	0.00	99.94
SEPT.	25	0	1656	0.00	99.94
SEPT.	26	0	1656	0.00	99.94
SEPT.	27	0	1656	0.00	99.94
SEPT.	28	0	1656	0.00	99.94
SEPT.	29	0	1656	0.00	99.94
SEPT.	30	0	1656	0.00	99.94
OCT.	1	0	1656	0.00	99.94
OCT.	2	0	1656	0.00	99.94
OCT.	3	0	1656	0.00	99.94
OCT.	4	0	1656	0.00	99.94
OCT.	5	0	1656	0.00	99.94
OCT.	6	0	1656	0.00	99.94
OCT.	7	0	1656	0.00	99.94
OCT.	8	0	1656	0.00	99.94
OCT.	9	0	1656	0.00	99.94
OCT.	10	0	1656	0.00	99.94
OCT.	11	0	1656	0.00	99.94
OCT.	12	1	1657	0.06	100.00

Appendix Table 90. Little Trapper Lake daily, cumulative, and percent weir counts of sockeye salmon, northwestern British Columbia, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JULY	9	0	0	0.00	0.00
JULY	10	0	0	0.00	0.00
JULY	11	0	0	0.00	0.00
JULY	12	0	0	0.00	0.00
JULY	13	0	0	0.00	0.00
JULY	14	0	0	0.00	0.00
JULY	15	0	0	0.00	0.00
JULY	16	0	0	0.00	0.00
JULY	17	0	0	0.00	0.00
JULY	18	0	0	0.00	0.00
JULY	19	0	0	0.00	0.00
JULY	20	0	0	0.00	0.00
JULY	21	0	0	0.00	0.00
JULY	22	0	0	0.00	0.00
JULY	23	0	0	0.00	0.00
JULY	24	0	0	0.00	0.00
JULY	25	0	0	0.00	0.00
JULY	26	0	0	0.00	0.00
JULY	27	0	0	0.00	0.00
JULY	28	1	1	0.01	0.01
JULY	29	0	1	0.00	0.01
JULY	30	0	1	0.00	0.01
JULY	31	0	1	0.00	0.01
AUG.	1	0	1	0.00	0.01
AUG.	2	1	2	0.01	0.03
AUG.	3	16	18	0.21	0.24
AUG.	4[1]	588	606	7.84	8.08
AUG.	5[1]	1623	2229	21.63	29.71
AUG.	6[1]	3192	5421	42.55	72.26
AUG.	7	483	5904	6.44	78.70
AUG.	8	351	6255	4.68	83.38
AUG.	9	60	6315	0.80	84.18
AUG.	10	106	6421	1.41	85.59
AUG.	11	102	6523	1.36	86.95
AUG.	12	89	6612	1.19	88.14
AUG.	13	53	6665	0.71	88.84
AUG.	14	20	6685	0.27	89.11
AUG.	15	50	6735	0.67	89.78
AUG.	16	54	6789	0.72	90.50
AUG.	17	72	6861	0.96	91.46
AUG.	18	101	6962	1.35	92.80
AUG.	19	135	7097	1.80	94.60
AUG.	20	67	7164	0.89	95.49
AUG.	21	29	7193	0.39	95.88
AUG.	22	36	7229	0.48	96.36
AUG.	23	67	7296	0.89	97.25
AUG.	24	39	7335	0.52	97.77
AUG.	25	9	7344	0.12	97.89
AUG.	26	21	7365	0.28	98.17
AUG.	27	22	7387	0.29	98.47
AUG.	28	46	7433	0.61	99.08
AUG.	29	29	7462	0.39	99.47
AUG.	30	13	7475	0.17	99.64
AUG.	31	1	7476	0.01	99.65
SEPT.	1	2	7478	0.03	99.68
SEPT.	2	9	7487	0.12	99.80
SEPT.	3	9	7496	0.12	99.92
SEPT.	4	2	7498	0.03	99.95
SEPT.	5	0	7498	0.00	99.95
SEPT.	6	0	7498	0.00	99.95
SEPT.	7	3	7501	0.04	99.99
SEPT.	8	1	7502	0.01	100.00
SEPT.	9[2]	0	7502	0.00	100.00

[1] Escapement of sockeye salmon through the weir was observed August 4-6. Escapement of figures for these 3 days were estimated by the Canadian Department of Fisheries and Oceans.

[2] Weir was operational until September 17, but the last sockeye salmon was counted through September 8.

Appendix Table 91. Speel Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JULY	1	0	0	0.00	0.00
JULY	2	5	5	0.05	0.05
JULY	3	0	5	0.00	0.05
JULY	4	3	8	0.03	0.08
JULY	5	0	8	0.00	0.08
JULY	6	1	9	0.01	0.09
JULY	7	4	13	0.04	0.12
JULY	8	0	13	0.00	0.12
JULY	9	3	16	0.03	0.15
JULY	10	1	17	0.01	0.16
JULY	11	0	17	0.00	0.16
JULY	12	0	17	0.00	0.16
JULY	13	2	19	0.02	0.18
JULY	14	1	20	0.01	0.19
JULY	15	4	24	0.04	0.23
JULY	16	3	27	0.03	0.26
JULY	17	12	39	0.11	0.37
JULY	18	2	41	0.02	0.39
JULY	19	4	45	0.04	0.43
JULY	20	11	56	0.10	0.53
JULY	21	4	60	0.04	0.57
JULY	22	7	67	0.07	0.64
JULY	23	11	78	0.10	0.74
JULY	24	4	82	0.04	0.78
JULY	25	2	84	0.02	0.80
JULY	26	0	84	0.00	0.80
JULY	27	2	86	0.02	0.82
JULY	28	0	86	0.00	0.82
JULY	29	0	86	0.00	0.82
JULY	30	0	86	0.00	0.82
JULY	31	48	134	0.46	1.28
AUG.	1	0	134	0.00	1.28
AUG.	2	4	138	0.04	1.32
AUG.	3	15	153	0.14	1.46
AUG.	4	61	214	0.58	2.04
AUG.	5	60	274	0.57	2.61
AUG.	6	151	425	1.44	4.05
AUG.	7	2025	2450	19.32	23.37
AUG.	8	47	2497	0.45	23.82
AUG.	9	74	2571	0.71	24.52
AUG.	10	2237	4808	21.34	45.86
AUG.	11	587	5395	5.60	51.46
AUG.	12	328	5723	3.13	54.59
AUG.	13	75	5798	0.72	55.30
AUG.	14	485	6283	4.63	59.93
AUG.	15	1390	7673	13.26	73.19
AUG.	16	119	7792	1.14	74.32
AUG.	17	19	7811	0.18	74.50
AUG.	18	29	7840	0.28	74.78
AUG.	19	62	7902	0.59	75.37
AUG.	20	38	7940	0.36	75.73
AUG.	21	70	8010	0.67	76.40
AUG.	22	805	8815	7.68	84.08
AUG.	23	100	8915	0.95	85.03
AUG.	24	53	8968	0.51	85.54
AUG.	25	6	8974	0.06	85.60
AUG.	26	1	8975	0.01	85.61
AUG.	27	0	8975	0.00	85.61
AUG.	28	1	8976	0.01	85.62
AUG.	29	3	8979	0.03	85.64
AUG.	30	16	8995	0.15	85.80
AUG.	31	18	9013	0.17	85.97
SEPT.	1	13	9026	0.12	86.09
SEPT.	2	117	9143	1.12	87.21
SEPT.	3	67	9210	0.64	87.85
SEPT.	4	270	9480	2.58	90.42
SEPT.	5	60	9540	0.57	91.00
SEPT.	6	18	9558	0.17	91.17
SEPT.	7	2	9560	0.02	91.19

-Continued-

Appendix Table 91. Speel Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

SEPT.	8	13	9573	0.12	91.31
SEPT.	9	14	9587	0.13	91.44
SEPT.	10	6	9593	0.06	91.50
SEPT.	11	5	9598	0.05	91.55
SEPT.	12	22	9620	0.21	91.76
SEPT.	13	20	9640	0.19	91.95
SEPT.	14	70	9710	0.67	92.62
SEPT.	15	120	9830	1.14	93.76
SEPT.	16	27	9857	0.26	94.02
SEPT.	17	36	9893	0.34	94.36
SEPT.	18	6	9899	0.06	94.42
SEPT.	19	7	9906	0.07	94.49
SEPT.	20	161	10067	1.54	96.02
SEPT.	21	235	10302	2.24	98.26
SEPT.	22	60	10362	0.57	98.84
SEPT.	23	49	10411	0.47	99.30
SEPT.	24	29	10440	0.28	99.58
SEPT.	25	9	10449	0.09	99.67
SEPT.	26	3	10452	0.03	99.69
SEPT.	27	1	10453	0.01	99.70
SEPT.	28	2	10455	0.02	99.72
SEPT.	29	0	10455	0.00	99.72
SEPT.	30	0	10455	0.00	99.72
OCT.	1	0	10455	0.00	99.72
OCT.	2	0	10455	0.00	99.72
OCT.	3	1	10456	0.01	99.73
OCT.	4	12	10468	0.11	99.85
OCT.	5	0	10468	0.00	99.85
OCT.	6	0	10468	0.00	99.85
OCT.	7	1	10469	0.01	99.86
OCT.	8	1	10470	0.01	99.87
OCT.	9	0	10470	0.00	99.87
OCT.	10	0	10470	0.00	99.87
OCT.	11	0	10470	0.00	99.87
OCT.	12	7	10477	0.07	99.93
OCT.	13	2	10479	0.02	99.95
OCT.	14	0	10479	0.00	99.95
OCT.	15	1	10480	0.01	99.96
OCT.	16	0	10480	0.00	99.96
OCT.	17	0	10480	0.00	99.96
OCT.	18	0	10480	0.00	99.96
OCT.	19	1	10481	0.01	99.97
OCT.	20	0	10481	0.00	99.97
OCT.	21	0	10481	0.00	99.97
OCT.	22	1	10482	0.01	99.98
OCT.	23	0	10482	0.00	99.98
OCT.	24	0	10482	0.00	99.98
OCT.	25	0	10482	0.00	99.98
OCT.	26	0	10482	0.00	99.98
OCT.	27	2	10484	0.02	100.00
OCT.	28	0	10484	0.00	100.00
OCT.	29	0	10484	0.00	100.00

Appendix Table 92. Crescent Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	20	0	0	0.00	0.00
JUNE	21	0	0	0.00	0.00
JUNE	22	0	0	0.00	0.00
JUNE	23	0	0	0.00	0.00
JUNE	24	0	0	0.00	0.00
JUNE	25	0	0	0.00	0.00
JUNE	26	0	0	0.00	0.00
JUNE	27	0	0	0.00	0.00
JUNE	28	0	0	0.00	0.00
JUNE	29	0	0	0.00	0.00
JUNE	30	0	0	0.00	0.00
JULY	1	0	0	0.00	0.00
JULY	2	0	0	0.00	0.00
JULY	3	0	0	0.00	0.00
JULY	4	0	0	0.00	0.00
JULY	5	0	0	0.00	0.00
JULY	6	0	0	0.00	0.00
JULY	7	0	0	0.00	0.00
JULY	8	0	0	0.00	0.00
JULY	9	2	2	0.01	0.01
JULY	10	0	2	0.00	0.01
JULY	11	4	6	0.02	0.03
JULY	12	1	7	0.01	0.04
JULY	13	7	14	0.04	0.07
JULY	14	12	26	0.06	0.13
JULY	15	3	29	0.02	0.15
JULY	16	13	42	0.07	0.22
JULY	17	59	101	0.30	0.52
JULY	18	39	140	0.20	0.72
JULY	19	74	214	0.38	1.10
JULY	20	33	247	0.17	1.27
JULY	21	14	261	0.07	1.34
JULY	22	16	277	0.08	1.43
JULY	23	7	284	0.04	1.46
JULY	24	48	332	0.25	1.71
JULY	25	49	381	0.25	1.96
JULY	26	103	484	0.53	2.49
JULY	27	115	599	0.59	3.08
JULY	28	38	637	0.20	3.28
JULY	29	133	770	0.68	3.96
JULY	30	62	832	0.32	4.28
JULY	31	191	1023	0.98	5.27
AUG.	1	83	1106	0.43	5.69
AUG.	2	64	1170	0.33	6.02
AUG.	3	175	1345	0.90	6.93
AUG.	4	113	1458	0.58	7.51
AUG.	5	197	1655	1.01	8.52
AUG.	6	302	1957	1.55	10.08
AUG.	7	523	2480	2.69	12.77
AUG.	8	1863	4343	9.59	22.36
AUG.	9	3677	8020	18.93	41.29
AUG.	10	398	8418	2.05	43.34
AUG.	11	3785	12203	19.49	62.83
AUG.	12	1563	13766	8.05	70.88
AUG.	13	339	14105	1.75	72.62
AUG.	14	66	14171	0.34	72.96
AUG.	15	170	14341	0.88	73.84
AUG.	16	0	14341	0.00	73.84
AUG.	17	42	14383	0.22	74.06
AUG.	18	14	14397	0.07	74.13
AUG.	19	20	14417	0.10	74.23
AUG.	20	5	14422	0.03	74.26
AUG.	21	0	14422	0.00	74.26
AUG.	22	0	14422	0.00	74.26
AUG.	23	0	14422	0.00	74.26
AUG.	24[1]	5000	19422	25.74	100.00

[1] An estimated 5,000 sockeye salmon escaped into the system after the weir washed out.

Appendix Table 93. Auke Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	24	0	0	0.00	0.00
JUNE	25	0	0	0.00	0.00
JUNE	26	0	0	0.00	0.00
JUNE	27	0	0	0.00	0.00
JUNE	28	0	0	0.00	0.00
JUNE	29	0	0	0.00	0.00
JUNE	30	0	0	0.00	0.00
JULY	1	0	0	0.00	0.00
JULY	2	0	0	0.00	0.00
JULY	3	0	0	0.00	0.00
JULY	4	0	0	0.00	0.00
JULY	5	0	0	0.00	0.00
JULY	6	0	0	0.00	0.00
JULY	7	0	0	0.00	0.00
JULY	8	0	0	0.00	0.00
JULY	9	0	0	0.00	0.00
JULY	10	0	0	0.00	0.00
JULY	11	167	167	9.25	9.25
JULY	12	347	514	19.22	28.48
JULY	13	31	545	1.72	30.19
JULY	14	0	545	0.00	30.19
JULY	15	0	545	0.00	30.19
JULY	16	0	545	0.00	30.19
JULY	17	0	545	0.00	30.19
JULY	18	0	545	0.00	30.19
JULY	19	0	545	0.00	30.19
JULY	20	79	624	4.38	34.57
JULY	21	29	653	1.61	36.18
JULY	22	26	679	1.44	37.62
JULY	23	23	702	1.27	38.89
JULY	24	106	808	5.87	44.76
JULY	25	16	824	0.89	45.65
JULY	26	0	824	0.00	45.65
JULY	27	0	824	0.00	45.65
JULY	28	22	846	1.22	46.87
JULY	29	30	876	1.66	48.53
JULY	30	26	902	1.44	49.97
JULY	31	0	902	0.00	49.97
AUG.	1	21	923	1.16	51.14
AUG.	2	18	941	1.00	52.13
AUG.	3	0	941	0.00	52.13
AUG.	4	8	949	0.44	52.58
AUG.	5	1	950	0.06	52.63
AUG.	6	0	950	0.00	52.63
AUG.	7	49	999	2.71	55.35
AUG.	8	48	1047	2.66	58.01
AUG.	9	4	1051	0.22	58.23
AUG.	10	57	1108	3.16	61.39
AUG.	11	143	1251	7.92	69.31
AUG.	12	58	1309	3.21	72.52
AUG.	13	4	1313	0.22	72.74
AUG.	14	0	1313	0.00	72.74
AUG.	15	336	1649	18.61	91.36
AUG.	16	3	1652	0.17	91.52
AUG.	17	4	1656	0.22	91.75
AUG.	18	0	1656	0.00	91.75
AUG.	19	7	1663	0.39	92.13
AUG.	20	0	1663	0.00	92.13
AUG.	21	1	1664	0.06	92.19
AUG.	22	65	1729	3.60	95.79
AUG.	23	16	1745	0.89	96.68
AUG.	24	14	1759	0.78	97.45
AUG.	25	2	1761	0.11	97.56
AUG.	26	5	1766	0.28	97.84
AUG.	27	1	1767	0.06	97.89
AUG.	28	0	1767	0.00	97.89
AUG.	29	6	1773	0.33	98.23
AUG.	30	3	1776	0.17	98.39
AUG.	31	0	1776	0.00	98.39

-Continued-

Appendix Table 93. Auke Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

SEPT.	1	0	1776	0.00	98.39
SEPT.	2	1	1777	0.06	98.45
SEPT.	3	9	1786	0.50	98.95
SEPT.	4	1	1787	0.06	99.00
SEPT.	5	2	1789	0.11	99.11
SEPT.	6	1	1790	0.06	99.17
SEPT.	7	0	1790	0.00	99.17
SEPT.	8	1	1791	0.06	99.22
SEPT.	9	1	1792	0.06	99.28
SEPT.	10	0	1792	0.00	99.28
SEPT.	11	0	1792	0.00	99.28
SEPT.	12	0	1792	0.00	99.28
SEPT.	13	2	1794	0.11	99.39
SEPT.	14	0	1794	0.00	99.39
SEPT.	15	0	1794	0.00	99.39
SEPT.	16	0	1794	0.00	99.39
SEPT.	17	0	1794	0.00	99.39
SEPT.	18	0	1794	0.00	99.39
SEPT.	19	0	1794	0.00	99.39
SEPT.	20	0	1794	0.00	99.39
SEPT.	21	8	1802	0.44	99.83
SEPT.	22	2	1804	0.11	99.94
SEPT.	23	0	1804	0.00	99.94
SEPT.	24	0	1804	0.00	99.94
SEPT.	25[1]	1	1805	0.06	100.00

[1] Weir was operational until October 31, but the last sockeye salmon was counted through September 25.

Appendix Table 94. Salmon Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983[1].

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
AUG.	19	3	3	0.90	0.90
AUG.	20	3	6	0.90	1.81
AUG.	21	2	8	0.60	2.41
AUG.	22	4	12	1.20	3.61
AUG.	23	9	21	2.71	6.33
AUG.	24	11	32	3.31	9.64
AUG.	25	4	36	1.20	10.84
AUG.	26	23	59	6.93	17.77
AUG.	27	19	78	5.72	23.49
AUG.	28	8	86	2.41	25.90
AUG.	29	5	91	1.51	27.41
AUG.	30	2	93	0.60	28.01
AUG.	31	0	93	0.00	28.01
SEPT.	1	0	93	0.00	28.01
SEPT.	2	1	94	0.30	28.31
SEPT.	3	18	112	5.42	33.73
SEPT.	4	0	112	0.00	33.73
SEPT.	5	22	134	6.63	40.36
SEPT.	6	18	152	5.42	45.78
SEPT.	7	8	160	2.41	48.19
SEPT.	8	0	160	0.00	48.19
SEPT.	9	0	160	0.00	48.19
SEPT.	10	1	161	0.30	48.49
SEPT.	11	0	161	0.00	48.49
SEPT.	12	0	161	0.00	48.49
SEPT.	13	1	162	0.30	48.80
SEPT.	14	3	165	0.90	49.70
SEPT.	15	4	169	1.20	50.90
SEPT.	16	1	170	0.30	51.20
SEPT.	17	0	170	0.00	51.20
SEPT.	18	1	171	0.30	51.51
SEPT.	19	0	171	0.00	51.51
SEPT.	20	15	186	4.52	56.02
SEPT.	21	56	242	16.87	72.89
SEPT.	22	12	254	3.61	76.51
SEPT.	23	12	266	3.61	80.12
SEPT.	24	21	287	6.33	86.45
SEPT.	25	14	301	4.22	90.66
SEPT.	26	2	303	0.60	91.27
SEPT.	27	1	304	0.30	91.57
SEPT.	28	0	304	0.00	91.57
SEPT.	29	0	304	0.00	91.57
SEPT.	30	0	304	0.00	91.57
OCT.	1	0	304	0.00	91.57
OCT.	2	4	308	1.20	92.77
OCT.	3	0	308	0.00	92.77
OCT.	4	21	329	6.33	99.10
OCT.	5	0	329	0.00	99.10
OCT.	6	1	330	0.30	99.40
OCT.	7	1	331	0.30	99.70
OCT.	8	0	331	0.00	99.70
OCT.	9	1	332	0.30	100.00

[1] The weir was not installed until August 19; fish undoubtedly escaped into the system before the weir was put in.

Appendix Table 95. Redoubt Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	23	13	13	0.51	0.51
JUNE	24	11	24	0.44	0.95
JUNE	25	12	36	0.48	1.43
JUNE	26	12	48	0.48	1.90
JUNE	27	0	48	0.00	1.90
JUNE	28	8	56	0.32	2.22
JUNE	29	3	59	0.12	2.34
JUNE	30	47	106	1.86	4.20
JULY	1	13	119	0.51	4.71
JULY	2	0	119	0.00	4.71
JULY	3	13	132	0.51	5.23
JULY	4	16	148	0.63	5.86
JULY	5	3	151	0.12	5.98
JULY	6	2	153	0.08	6.06
JULY	7	12	165	0.48	6.53
JULY	8	36	201	1.43	7.96
JULY	9	50	251	1.98	9.94
JULY	10	7	258	0.28	10.22
JULY	11	97	355	3.84	14.06
JULY	12	12	367	0.48	14.53
JULY	13	0	367	0.00	14.53
JULY	14	0	367	0.00	14.53
JULY	15	2	369	0.08	14.61
JULY	16	0	369	0.00	14.61
JULY	17	7	376	0.28	14.89
JULY	18	218	594	8.63	23.52
JULY	19	96	690	3.80	27.33
JULY	20	220	910	8.71	36.04
JULY	21	1	911	0.04	36.08
JULY	22	30	941	1.19	37.27
JULY	23	113	1054	4.48	41.74
JULY	24	44	1098	1.74	43.49
JULY	25	92	1190	3.64	47.13
JULY	26	27	1217	1.07	48.20
JULY	27	37	1254	1.47	49.66
JULY	28	49	1303	1.94	51.60
JULY	29	68	1371	2.69	54.30
JULY	30	48	1419	1.90	56.20
JULY	31	34	1453	1.35	57.54
AUG.	1	47	1500	1.86	59.41
AUG.	2	101	1601	4.00	63.41
AUG.	3	168	1769	6.65	70.06
AUG.	4	32	1801	1.27	71.33
AUG.	5	45	1846	1.78	73.11
AUG.	6	64	1910	2.53	75.64
AUG.	7	165	2075	6.53	82.18
AUG.	8	15	2090	0.59	82.77
AUG.	9	41	2131	1.62	84.40
AUG.	10	156	2287	6.18	90.57
AUG.	11	48	2335	1.90	92.48
AUG.	12	32	2367	1.27	93.74
AUG.	13	7	2374	0.28	94.02
AUG.	14	3	2377	0.12	94.14
AUG.	15	49	2426	1.94	96.08
AUG.	16	8	2434	0.32	96.40
AUG.	17	6	2440	0.24	96.63
AUG.	18	6	2446	0.24	96.87
AUG.	19	5	2451	0.20	97.07
AUG.	20	7	2458	0.28	97.35
AUG.	21	9	2467	0.36	97.70
AUG.	22	6	2473	0.24	97.94
AUG.	23	5	2478	0.20	98.14
AUG.	24	1	2479	0.04	98.18
AUG.	25	3	2482	0.12	98.30
AUG.	26	4	2486	0.16	98.46
AUG.	27	2	2488	0.08	98.53
AUG.	28	3	2491	0.12	98.65
AUG.	29	6	2497	0.24	98.89
AUG.	30	5	2502	0.20	99.09

-Continued-

Appendix Table 95. Redoubt Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

AUG.	31	12	2514	0.48	99.56
SEPT.	1	4	2518	0.16	99.72
SEPT.	2	1	2519	0.04	99.76
SEPT.	3	1	2520	0.04	99.80
SEPT.	4	0	2520	0.00	99.80
SEPT.	5	0	2520	0.00	99.80
SEPT.	6	2	2522	0.08	99.88
SEPT.	7	0	2522	0.00	99.88
SEPT.	8	0	2522	0.00	99.88
SEPT.	9	1	2523	0.04	99.92
SEPT.	10	1	2524	0.04	99.96
SEPT.	11	1	2525	0.04	100.00
SEPT.	12	0	2525	0.00	100.00
SEPT.	13[1]	0	2525	0.00	100.00

[1] Weir was operational until October 2, but the last sockeye salmon was counted through September 11.

Appendix Table 96. Chilkat Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	22	12	12	0.01	0.01
JUNE	23	26	38	0.02	0.03
JUNE	24	226	264	0.17	0.20
JUNE	25	104	368	0.08	0.27
JUNE	26	189	557	0.14	0.42
JUNE	27	230	787	0.17	0.59
JUNE	28	211	998	0.16	0.74
JUNE	29	145	1143	0.11	0.85
JUNE	30	25	1168	0.02	0.87
JULY	1	44	1212	0.03	0.90
JULY	2	404	1616	0.30	1.20
JULY	3	134	1750	0.10	1.30
JULY	4	2606	4356	1.94	3.25
JULY	5	2818	7174	2.10	5.35
JULY	6	866	8040	0.65	5.99
JULY	7	68	8108	0.05	6.04
JULY	8	2747	10855	2.05	8.09
JULY	9	1905	12760	1.42	9.51
JULY	10	777	13537	0.58	10.09
JULY	11	1599	15136	1.19	11.28
JULY	12	2126	17262	1.58	12.86
JULY	13	1474	18736	1.10	13.96
JULY	14	4401	23137	3.28	17.24
JULY	15	1609	24746	1.20	18.44
JULY	16	3298	28044	2.46	20.90
JULY	17	10	28054	0.01	20.90
JULY	18	0	28054	0.00	20.90
JULY	19	4591	32645	3.42	24.32
JULY	20	1408	34053	1.05	25.37
JULY	21	806	34859	0.60	25.97
JULY	22	1588	36447	1.18	27.16
JULY	23	532	36979	0.40	27.55
JULY	24	1879	38858	1.40	28.95
JULY	25	3062	41920	2.28	31.24
JULY	26	1127	43047	0.84	32.08
JULY	27	1436	44483	1.07	33.15
JULY	28	0	44483	0.00	33.15
JULY	29	1714	46197	1.28	34.42
JULY	30	1532	47729	1.14	35.56
JULY	31	664	48393	0.49	36.06
AUG.	1	1356	49749	1.01	37.07
AUG.	2	1081	50830	0.81	37.87
AUG.	3 [1]	398	51228	0.30	38.17
AUG.	4	2640	53868	1.97	40.14
AUG.	5	612	54480	0.46	40.59
AUG.	6	114	54594	0.08	40.68
AUG.	7	476	55070	0.35	41.03
AUG.	8	933	56003	0.70	41.73
AUG.	9	152	56155	0.11	41.84
AUG.	10	9	56164	0.01	41.85
AUG.	11	1459	57623	1.09	42.94
AUG.	12	133	57756	0.10	43.04
AUG.	13	1092	58848	0.81	43.85
AUG.	14	1044	59892	0.78	44.63
AUG.	15	721	60613	0.54	45.16
AUG.	16	866	61479	0.65	45.81
AUG.	17	994	62473	0.74	46.55
AUG.	18	221	62694	0.16	46.71
AUG.	19	1047	63741	0.78	47.49
AUG.	20	696	64437	0.52	48.01
AUG.	21	1417	65854	1.06	49.07
AUG.	22	16	65870	0.01	49.08
AUG.	23	0	65870	0.00	49.08
AUG.	24	0	65870	0.00	49.08
AUG.	25	0	65870	0.00	49.08
AUG.	26	0	65870	0.00	49.08
AUG.	27	0	65870	0.00	49.08
AUG.	28	0	65870	0.00	49.08
AUG.	29	578	66448	0.43	49.51
AUG.	30	767	67215	0.57	50.08
AUG.	31	705	67920	0.53	50.61
SEPT.	1	2069	69989	1.54	52.15

-Continued-

Appendix Table 96. Chilkat Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

SEPT.	2	466	70455	0.35	52.50
SEPT.	3	890	71345	0.66	53.16
SEPT.	4	7	71352	0.01	53.17
SEPT.	5	1685	73037	1.26	54.42
SEPT.	6	1522	74559	1.13	55.56
SEPT.	7	3243	77802	2.42	57.97
SEPT.	8	475	78277	0.35	58.33
SEPT.	9	3541	81818	2.64	60.96
SEPT.	10	53	81871	0.04	61.00
SEPT.	11	5719	87590	4.26	65.26
SEPT.	12	5871	93461	4.37	69.64
SEPT.	13	1636	95097	1.22	70.86
SEPT.	14	3781	98878	2.82	73.68
SEPT.	15	1754	100632	1.31	74.98
SEPT.	16	1185	101817	0.88	75.87
SEPT.	17	1151	102968	0.86	76.72
SEPT.	18	594	103562	0.44	77.17
SEPT.	19	4872	108434	3.63	80.80
SEPT.	20	3785	112219	2.82	83.62
SEPT.	21	12	112231	0.01	83.63
SEPT.	22	175	112406	0.13	83.76
SEPT.	23	17	112423	0.01	83.77
SEPT.	24	0	112423	0.00	83.77
SEPT.	25	891	113314	0.66	84.43
SEPT.	26	1785	115099	1.33	85.76
SEPT.	27	2195	117294	1.64	87.40
SEPT.	28	0	117294	0.00	87.40
SEPT.	29[1]	210	117504	0.16	87.55
SEPT.	30	2589	120093	1.93	89.48
OCT.	1	1728	121821	1.29	90.77
OCT.	2	2780	124601	2.07	92.84
OCT.	3	1083	125684	0.81	93.65
OCT.	4	1152	126836	0.86	94.51
OCT.	5	1079	127915	0.80	95.31
OCT.	6	0	127915	0.00	95.31
OCT.	7	44	127959	0.03	95.34
OCT.	8	1167	129126	0.87	96.21
OCT.	9	1	129127	0.00	96.21
OCT.	10	273	129400	0.20	96.42
OCT.	11	1014	130414	0.76	97.17
OCT.	12	685	131099	0.51	97.68
OCT.	13	95	131194	0.07	97.75
OCT.	14	0	131194	0.00	97.75
OCT.	15	0	131194	0.00	97.75
OCT.	16	25	131219	0.02	97.77
OCT.	17	32	131251	0.02	97.80
OCT.	18	0	131251	0.00	97.80
OCT.	19	555	131806	0.41	98.21
OCT.	20	0	131806	0.00	98.21
OCT.	21	1085	132891	0.81	99.02
OCT.	22	0	132891	0.00	99.02
OCT.	23	0	132891	0.00	99.02
OCT.	24	152	133043	0.11	99.13
OCT.	25	9	133052	0.01	99.14
OCT.	26	0	133052	0.00	99.14
OCT.	27	41	133093	0.03	99.17
OCT.	28	134	133227	0.10	99.27
OCT.	29	857	134084	0.64	99.91
OCT.	30	0	134084	0.00	99.91
OCT.	31	29	134113	0.02	99.93
NOV.	1	4	134117	0.00	99.93
NOV.	2	0	134117	0.00	99.93
NOV.	3	0	134117	0.00	99.93
NOV.	4	10	134127	0.01	99.94
NOV.	5	60	134187	0.04	99.99
NOV.	6	1	134188	0.00	99.99
NOV.	7	1	134189	0.00	99.99
NOV.	8	0	134189	0.00	99.99
NOV.	9	2	134191	0.00	99.99
NOV.	10	0	134191	0.00	99.99
NOV.	11	0	134191	0.00	99.99
NOV.	12	15	134206	0.01	100.00
NOV.	13	1	134207	0.00	100.00

[1] Sockeye salmon taken for biological samples are indicated in counts for the following days:

August 3 - 100 sockeye
September 29 - 105 sockeye

Appendix Table 97. Chilkoot Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983.

DATE		DAILY COUNT	CUMULATIVE COUNT	DAILY PERCENT OF TOTAL	CUMULATIVE PERCENT
JUNE	4	0	0	0.00	0.00
JUNE	5	0	0	0.00	0.00
JUNE	6	5	5	0.01	0.01
JUNE	7	93	98	0.12	0.12
JUNE	8	39	137	0.05	0.17
JUNE	9	85	222	0.11	0.28
JUNE	10	220	442	0.27	0.55
JUNE	11	25	467	0.03	0.58
JUNE	12	100	567	0.12	0.71
JUNE	13	68	635	0.08	0.79
JUNE	14	488	1123	0.61	1.40
JUNE	15	716	1839	0.89	2.29
JUNE	16	1006	2845	1.25	3.54
JUNE	17	126	2971	0.16	3.70
JUNE	18	260	3231	0.32	4.02
JUNE	19	320	3551	0.40	4.42
JUNE	20	219	3770	0.27	4.69
JUNE	21	427	4197	0.53	5.22
JUNE	22	2526	6723	3.14	8.37
JUNE	23	3325	10048	4.14	12.51
JUNE	24	1295	11343	1.61	14.12
JUNE	25	748	12091	0.93	15.05
JUNE	26	684	12775	0.85	15.90
JUNE	27	703	13478	0.87	16.78
JUNE	28	561	14039	0.70	17.47
JUNE	29	700	14739	0.87	18.35
JUNE	30	256	14995	0.32	18.66
JULY	1	583	15578	0.73	19.39
JULY	2	575	16153	0.72	20.11
JULY	3	341	16494	0.42	20.53
JULY	4	316	16810	0.39	20.92
JULY	5	304	17114	0.38	21.30
JULY	6	366	17480	0.46	21.76
JULY	7	1264	18744	1.57	23.33
JULY	8	405	19149	0.50	23.83
JULY	9	308	19457	0.38	24.22
JULY	10	326	19783	0.41	24.62
JULY	11	348	20131	0.43	25.06
JULY	12	355	20486	0.44	25.50
JULY	13	618	21104	0.77	26.27
JULY	14	1208	22312	1.50	27.77
JULY	15	531	22843	0.66	28.43
JULY	16	704	23547	0.88	29.31
JULY	17	4047	27594	5.04	34.35
JULY	18	3838	31432	4.78	39.12
JULY	19	3057	34489	3.80	42.93
JULY	20	4183	38672	5.21	48.13
JULY	21	2613	41285	3.25	51.39
JULY	22	2222	43507	2.77	54.15
JULY	23	1588	45095	1.98	56.13
JULY	24	1322	46417	1.65	57.77
JULY	25	1194	47611	1.49	59.26
JULY	26	4887	52498	6.08	65.34
JULY	27	3250	55748	4.05	69.39
JULY	28 [1]	421	56169	0.52	69.91
JULY	29	652	56821	0.81	70.72
JULY	30	1021	57842	1.27	71.99
JULY	31	1448	59290	1.80	73.80
AUG.	1	884	60174	1.10	74.90
AUG.	2	343	60517	0.43	75.32
AUG.	3	406	60923	0.51	75.83
AUG.	4	207	61130	0.26	76.09
AUG.	5	387	61517	0.48	76.57
AUG.	6	832	62349	1.04	77.60
AUG.	7	1026	63375	1.28	78.88
AUG.	8	1030	64405	1.28	80.16
AUG.	9	531	64936	0.66	80.82
AUG.	10	369	65305	0.46	81.28
AUG.	11	230	65535	0.29	81.57

-Continued-

Appendix Table 97. Chilkoot Lake daily, cumulative, and percent weir counts of sockeye salmon, Southeastern Alaska, 1983 (continued).

AUG.	12	148	65683	0.18	81.75
AUG.	13	280	65963	0.35	82.10
AUG.	14	458	66421	0.57	82.67
AUG.	15	963	67384	1.20	83.87
AUG.	16	320	67704	0.40	84.27
AUG.	17	310	68014	0.39	84.65
AUG.	18	289	68303	0.36	85.01
AUG.	19	195	68498	0.24	85.26
AUG.	20	185	68683	0.23	85.49
AUG.	21	307	68990	0.38	85.87
AUG.	22	1348	70338	1.68	87.55
AUG.	23	412	70750	0.51	88.06
AUG.	24	399	71149	0.50	88.56
AUG.	25	273	71422	0.34	88.90
AUG.	26	159	71581	0.20	89.09
AUG.	27	118	71699	0.15	89.24
AUG.	28	156	71855	0.19	89.44
AUG.	29	268	72123	0.33	89.77
AUG.	30	1428	73551	1.78	91.55
AUG.	31	1011	74562	1.26	92.80
SEPT.	1	453	75015	0.56	93.37
SEPT.	2	324	75339	0.40	93.77
SEPT.	3	726	76065	0.90	94.68
SEPT.	4	858	76923	1.07	95.74
SEPT.	5	484	77407	0.60	96.35
SEPT.	6	345	77752	0.43	96.78
SEPT.	7	194	77946	0.24	97.02
SEPT.	8	216	78162	0.27	97.29
SEPT.	9	193	78355	0.24	97.53
SEPT.	10	314	78669	0.39	97.92
SEPT.	11	122	78791	0.15	98.07
SEPT.	12	241	79032	0.30	98.37
SEPT.	13	253	79285	0.31	98.68
SEPT.	14	57	79342	0.07	98.75
SEPT.	15	140	79482	0.17	98.93
SEPT.	16	130	79612	0.16	99.09
SEPT.	17	127	79739	0.16	99.25
SEPT.	18	130	79869	0.16	99.41
SEPT.	19	156	80025	0.19	99.60
SEPT.	20	57	80082	0.07	99.68
SEPT.	21	82	80164	0.10	99.78
SEPT.	22	34	80198	0.04	99.82
SEPT.	23	36	80234	0.04	99.86
SEPT.	24	7	80241	0.01	99.87
SEPT.	25	12	80253	0.01	99.89
SEPT.	26	13	80266	0.02	99.90
SEPT.	27	8	80274	0.01	99.91
SEPT.	28	7	80281	0.01	99.92
SEPT.	29	13	80294	0.02	99.94
SEPT.	30	6	80300	0.01	99.95
OCT.	1	8	80308	0.01	99.96
OCT.	2	8	80316	0.01	99.97
OCT.	3	3	80319	0.00	99.97
OCT.	4	4	80323	0.00	99.98
OCT.	5	5	80328	0.01	99.98
OCT.	6	3	80331	0.00	99.99
OCT.	7	0	80331	0.00	99.99
OCT.	8	2	80333	0.00	99.99
OCT.	9	1	80334	0.00	99.99
OCT.	10	0	80334	0.00	99.99
OCT.	11	1	80335	0.00	99.99
OCT.	12	4	80339	0.00	100.00
OCT.	13[2]	4	80343	0.00	100.00

[1] A total of 97 sockeye salmon taken for biological samples are included in the count for July 28.

[2] Weir was operational until November 13, but the last sockeye salmon was counted through October 13.

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

O.E.O.
U.S. Department of the Interior
Washington, D.C. 20240