DATA: ABUNDANCE, AGE, SEX, AND SIZE OF COHO SALMON CATCHES AND ESCAPEMENTS IN SOUTHEAST ALASKA, 1988

By

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and

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ABSTRACT

This report presents available information on the age, length, and sex composition of coho salmon (*Oncorhynchus kisutch* Walbaum) harvested by test purse seine, test drift commercial troll, purse seine and drift gill net gear in Southeast Alaska in 1988. This catch data is stratified by gear type, district, sub-district (where applicable) and statistical week, with totals by gear type and district and sub-district (where applicable). Sampled troll landings which included catches from multiple districts were pooled, whenever possible, into one of four "quadrant areas". We also present the daily weir counts obtained from the 19 weirs which passed coho. This information, along with additional abundance, age, sex, and length data from catches and escapements, is further summarized in Wood (*in press*). This report is intended to serve as a reference document of the baseline data which managers and researchers may further summarize as needed.

KEY WORDS: Coho salmon, *Oncorhynchus kisutch*, Southeast Alaska, catch and escapement, age composition

INTRODUCTION

Coho salmon (*Oncorhynchus kisutch* Walbaum) are important to the commercial, sport, and subsistence fisheries in Southeast Alaska. Annual commercial harvests 1960-1988 averaged approximately 1,400,000 fish (ADF&G 1988), and 1977-1988 sport harvests averaged 46,000 fish (Mills 1989). Coho salmon are primarily harvested in mixed stock fisheries. Most coho salmon harvested in Southeast Alaska originate from one of the approximately 3,000 coho streams in the region. Hatchery-produced coho are a major component of the run in several areas, with 10 hatcheries contributing from Southeast Alaska. Coded microwire tag data reveal that non-Alaskan fish are also intercepted (K. Crandall, Alaska Department of Fish and Game, Juneau, personal communication). Most of these non-Alaskan fish originate from rivers or hatcheries in northern British Columbia. However, some originate from as far south as Oregon.

Reliable information on the abundance, age, sex, and size composition of coho salmon catches and escapements is essential to their management. The information is important to the assessment of run timing and run strength, estimation of stock compositions (based on age or scale pattern differences), evaluation of brood year returns and exploitation rates, evaluation of the distribution and magnitude of escapements, evaluation of escapement goals, and forecasting returns. Size data is useful for monitoring growth parameters, environmental variability, and gear selectivity. Migratory timing data can be used to identify interannual shifts in run timing and inseason prediction of run strength.

The purpose of this report is to document the age, sex, and length data collected from the troll, purse seine, gill net fisheries, and the weir count data collected in 1988. This information, along with additional abundance, age, sex, and length data from catches and escapements, is further summarized in Wood (*in press*). The information in this report is presented in detail as it was collected: by gear type, district and time strata for catch data, and by location and day for the weir data. Sampled troll landings, which included catches from multiple districts, were pooled, whenever possible, into one of four "quadrant areas". This report is intended to serve as a reference document of the baseline data which managers and researchers may further summarize as needed.

METHODS

Study Area Description

Southeast Alaska consists of coastal waters and inland drainages from Cape Suckling on the north to Dixon Entrance on the south (Figure 1). In this report we exclude the Yakutat Area inshore setnet fisheries of Districts 182, 183, 185, and 192 (see Pahlke 1989). The region is divided into 18 coastal districts (Districts 101 through 116, 181, and 191), and six offshore districts (Districts 150, 152, 154, 156, 157, and 189). A complete summary of regulations affecting the region's fisheries may be found in ADF&G (1988). Copies of Emergency Fishing Orders, management plans, and Board of Fishery reports (ADF&G 1988 and 1989) which summarize the 1988 troll and net fishing seasons may be obtained from the Alaska Department of Fish and Game (ADF&G), Division of Commercial Fisheries, P.O. Box 20, Douglas, AK. 99824-0020.

Data Sources

Harvest Statistics

Commercial catch data for Southeast Alaska (number of coho salmon sold by gear type, district and week) were compiled by the Division of Commercial Fisheries, ADF&G. These data were based on computer tabulations of individual sales slips (fish tickets), as of 25 February 1992, for all fisheries. Catch data are edited for data entry and recording errors. Because of the possibility that all data entry or recording errors have not been corrected, later summaries may differ slightly from those in this report. Such errors are believed to be inconsequential to our analysis of commercial catches by gear type, area, or time. Catches are assigned to statistical weeks which begin at 00:01 A.M. each Sunday and end at midnight the following Saturday. Weeks are sequentially numbered beginning with the first week of the year.

Escapement Counts

Weirs were operated to count adult coho salmon on their spawning migration into 19 systems. Weirs were operated by ADF&G on 16 of these systems (Hugh Smith Lake, Bakewell Lake, Naha River, Karta River, Klawock River, Pleasant Bay Creek, Salmon Bay Lake, Crystal Creek, Yehring Creek, Crescent Lake, Nahlin River, Salmon Lake, Redoubt Lake, Ford Arm Lake, Chilkat Lake, and Chilkoot Lake), by the Canadian Department of Fisheries and Oceans on two systems (Little Tatsamenie and Hackett Lakes), and by the National Marine Fisheries Service on Auke Creek. Only the Hugh Smith Lake, Klawock River, Salmon Bay Lake, Little Tatsamenie Lake, Hackett Lake, Auke Creek, Salmon Lake, Ford Arm Lake,

Chilkat Lake, and Chilkoot Lake weirs were operated through the duration of the coho runs. Counts from the other systems were less than the actual escapements because weir operations were curtailed prior to the end of the runs. At the Snettisham Hatchery age, sex, and length data were collected but not daily escapement counts.

Counts for 1-ocean (age-.1) fish, "non-jacks", are reported separately from those for 0-ocean (age-.0) fish, "jacks". Fish $\leq$450 mm total length were classified as jacks (A. Schmidt, ADF&G personal communication).

Age, Sex, and Length

Coho salmon were sampled for scales, sex, and length. Three scales were obtained from the preferred area (INPFC 1963) on the left side of each fish and mounted on gum cards. Impressions were made in cellulose acetate cards (Clutter and Whitesel 1956). Age was determined by visual examination of scale impressions under moderate (40X - 75X) magnification. Ages were reported in European notation (numerals preceding the decimal point refer to the number of freshwater annuli, numerals following the decimal refer to the number of marine annuli, and the total age is the sum of these two numbers plus one).

Lengths were measured from mid-eye to fork-of-tail to the nearest half-centimeter from a minimum of 10% of the fish sampled for scales. Sex was determined by examination of external maturation characteristics. The accuracy of our sex determinations was untested. The absence of obvious secondary sexual characteristics in ocean bright fish precluded making accurate sex determinations for troll-caught fish which were dressed prior to delivery. The purse seine and gill net fisheries were sampled for sex using external sexual characteristics only.

Troll, seine, and gill net catches of coho salmon were sampled by department employees stationed at the Southeast Alaska ports of Ketchikan, Craig, Klawock, Wrangell, Petersburg, Port Alexander, Sitka, Pelican, Juneau, Hoonah, Excursion Inlet and Yakutat. Sampling was also conducted at several smaller buying stations, aboard tenders, and aboard troll vessels participating in the chinook salmon mortality assessment program (Davis et al. 1986). Sampling was conducted on fish landed from individual boats and from tenders for both the net and troll fisheries.

Difficulties were encountered in representatively sampling the commercial troll catch because sampling occurred at processing facilities where fish were sorted by size (usually: small = $\leq$ 7lbs, mediums = 7 lbs - 10 lbs, and large = $\geq$10 lbs), and by quality (two grades) into different bins. To avoid obtaining biased samples when the entire delivery could not be sampled, fish were sampled from each size and grading bin in proportion to their abundance or to a predetermined frequency for a particular bin. Throughout the season the cold storages made changes in weight and grading to match market demands. Similar difficulties were experienced in sampling seine and gill net landings.

The age composition of coho salmon catches for each area was estimated using the age proportions found in the samples. Standard errors of the age composition percentages and mean length estimates were calculated using standard binomial formulas. The age composition and associated standard error of the total commercial catch by district was calculated by weighing the estimated sample age distribution and its standard error for each sampling period by the total commercial catch in each period.

Samples were generally obtained from troll, seine, and gill net catches from all districts open each week. The reader is cautioned that sample sizes for each gear/district/week strata are usually too small to accurately estimate age, sex, or size compositions without pooling across weeks and/or districts, as was done in Wood (*in press*). Appendix A.1 can be used as a guide for determining sample size needs.

RESULTS

Detailed age and length composition data for coho salmon harvested in the troll districts are presented in Appendices A.2 and A.3. Organization is by ascending district number.

Detailed age, sex, and length composition data for coho salmon harvested in the purse seine districts are presented in Appendices A.4 and A.5. Organization is by ascending district number.

Detailed age, sex, and length composition data for coho salmon harvested in the drift gill net districts are presented in Appendices A.6 and A.7. Organization is by ascending district number.

Detailed daily weir counts of coho salmon escapements are presented in Appendices A.8 - A.27. Organization is by ascending stream number.

Summaries of these data, plus additional catch, escapement, age, sex, size, and migratory timing data are presented in Wood (*in press*).

Traditional troll, purse seine and drift gill net fishing periods by opening name, district, opening, closing date, and statistical week are presented in Appendix B.1 to Appendix B.3.

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1. The statistical fishing districts and four areas used for analysis of the troll data, Southeast Alaska.

APPENDICES

Appendix A.1. Sample size required for approximate 90% or 95% simultaneous confidence intervals with precision ±5% for age compositions.[a]

	Number of Age Classes					
	90% Confidence			95% Confidence		
Population Size	2	3	4+	2	3	4+
500	176	218	224	218	251	253
1000	214	278	288	278	335	338
1500	230	306	318	306	377	381
2000	239	323	336	323	402	407
2500	245	334	347	334	419	424
3000	249	341	356	341	431	436
3500	252	347	362	347	440	445
4000	254	351	366	351	447	452
4500	256	355	370	355	453	458
5000	257	357	373	357	457	463
6000	259	362	378	362	464	470
7000	261	365	381	365	469	475
8000	262	367	384	367	473	479
9000	263	369	386	369	476	483
10000	264	370	388	370	479	485
15000	266	375	393	375	487	493
20000	267	377	395	377	491	497
25000	268	379	397	379	493	500
30000	269	380	398	380	495	501
35000	269	380	398	380	496	503
40000	269	381	399	381	497	504
45000	269	381	399	381	497	504
50000	270	382	400	382	498	505
60000	270	382	400	382	499	506
70000	270	383	401	383	499	506
80000	270	383	401	383	500	507
90000	270	383	401	383	500	507
100000	270	383	401	383	500	507
Infinite	271	385	403	385	503	510

[a] Sample sizes for infinite population size computed from $n_o=(c/d)^2$, where d is the precision (= .05, here) and $c = Z_{\alpha/2v}[(1/m)(1-1/m)]^{.5}$; for 2 classes, v=1 and m=2; for 3 classes, v=2 and m=2; for 4+ classes, v=3 and m=3 (Angers, 1989; see also Thompson, 1987). Sample sizes for finite population sizes are computed from $n = n_o/[1 + (n_o -1)/N]$, where N is the finite population size (Cochran, 1977).

Appendix A.2. Age composition of coho salmon in the Southeast Alaska troll fishery by district, age class, and statistical week, 1988.

	Brood Year and Age Class									
	1986	1985		1984		1983		1982	1981	
	1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 101										
Statistical Week 29 (July 10 - 16)										
All Fish										
Sample Size		9		20		5				34
Percent		26.5		58.8		14.7				100.0
Std. Error		7.5		8.4		6.0				
Number		226		502		126				854
Statistical Week 30 (July 17 - 23)										
All Fish										
Sample Size		51		53		12		1		117
Percent		43.6		45.3		10.3		0.9		100.0
Std. Error		4.6		4.6		2.8		0.8		
Number		3,178		3,302		748		62		7,290
Statistical Week 31 (July 24 - 30)										
All Fish										
Sample Size		20		25		7		1		53
Percent		37.7		47.2		13.2		1.9		100.0
Std. Error		6.3		6.5		4.4		1.8		
Number		185		232		65		9		491
Statistical Weeks 32 - 33 (July 31 - August 13)[a]										
All Fish										
Sample Size		37		52		13		1		103
Percent		35.9		50.5		12.6		1.0		100.0
Std. Error		4.6		4.8		3.2		0.9		
Number		566		796		199		15		1,577
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		70		62		10				142
Percent		49.3		43.7		7.0				100.0
Std. Error		4.1		4.1		2.1				
Number		1,454		1,288		208				2,949
Statistical Week 35 (August 21 - 27)										
All Fish										
Sample Size		2		3						5
Percent		40.0		60.0						100.0
Std. Error		24.2		24.2						
Number		72		109						181
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size		30		34		3				67
Percent		44.8		50.7		4.5				100.0
Std. Error		6.1		6.1		2.5				
Number		1,800		2,039		180				4,019
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		219		249		50		3		521
Percent		43.1		47.6		8.8		0.5		100.0
Std. Error		2.6		2.6		1.4		0.4		
Number		7,481		8,268		1,525		87		17,361
District 102										
Statistical Week 31 (July 24 - 30)										
All Fish										
Sample Size		4		7		2				13
Percent		30.8		53.8		15.4				100.0
Std. Error		12.8		13.9		10.0				
Number		57		100		28				185

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	Brood Year and Age Class									
	1986	1985		1984		1983		1982	1981	
	1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 102										
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size				2		2				4
Percent				50.0		50.0				100.0
Std. Error				28.7		28.7				
Number				180		180				360
Statistical Week 35 (August 21 - 27)										
All Fish										
Sample Size		2		1		1				4
Percent		50.0		25.0		25.0				100.0
Std. Error		28.5		24.7		24.7				
Number		81		41		41				162
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		6		10		5				21
Percent		19.5		45.3		35.2				100.0
Std. Error		7.3		16.1		15.9				
Number		138		320		249				707
District 103										
Statistical Week 28 (July 3 - 9)										
All Fish										
Sample Size		17		23		1				41
Percent		41.5		56.1		2.4				100.0
Std. Error		7.7		7.8		2.4				
Number		1,177		1,592		69				2,838
Statistical Week 29 (July 10 - 16)										
All Fish										
Sample Size		13		15		2				30
Percent		43.3		50.0		6.7				100.0
Std. Error		9.1		9.2		4.6				
Number		1,133		1,307		174				2,614
Statistical Week 31 (July 24 - 30)										
All Fish										
Sample Size		30		28		4				62
Percent		48.4		45.2		6.5				100.0
Std. Error		6.2		6.2		3.1				
Number		564		526		75				1,165
Statistical Week 32 (July 31 - August 6)										
All Fish										
Sample Size		13		11		3	2			29
Percent		44.8		37.9		10.3	6.9			100.0
Std. Error		8.9		8.7		5.5	4.5			
Number		129		109		30	20			287
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size	1	40		64		11		1		117
Percent	0.9	34.2		54.7		9.4		0.9		100.0
Std. Error	0.8	4.3		4.6		2.7		0.8		
Number	34	1,376		2,201		378		34		4,024
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size		12		13						25
Percent		48.0		52.0						100.0
Std. Error		10.1		10.1						
Number		992		1,075						2,067

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	Brood Year and Age Class									
	1986	1985		1984		1983		1982	1981	
	1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 103 (cont.)										
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size	1	125		154		21	2	1		304
Percent	0.3	41.3		52.4		5.6	0.2	0.3		100.0
Std. Error	0.3	3.3		3.4		1.4	0.1	0.3		
Number	34	5,370		6,810		727	20	34		12,995
District 104										
Statistical Week 28 (July 3 - 9)										
All Fish										
Sample Size		38		55	1	14				108
Percent		35.2		50.9	0.9	13.0				100.0
Std. Error		4.6		4.8	0.9	3.2				
Number		2,493		3,609	66	919				7,086
Statistical Week 29 (July 10 - 16)										
All Fish										
Sample Size		21		28		5				54
Percent		38.9		51.9		9.3				100.0
Std. Error		6.7		6.9		4.0				
Number		7,660		10,213		1,824				19,697
Statistical Week 30 (July 17 - 23)										
All Fish										
Sample Size		56		89		16				161
Percent		34.8		55.3		9.9				100.0
Std. Error		3.7		3.9		2.4				
Number		6,660		10,585		1,903				19,148
Statistical Week 31 (July 24 - 30)										
All Fish										
Sample Size		53		67		11				131
Percent		40.5		51.1		8.4				100.0
Std. Error		4.2		4.3		2.4				
Number		1,097		1,387		228				2,711
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		6		9		3				18
Percent		33.3		50.0		16.7				100.0
Std. Error		11.4		12.1		9.0				
Number		6,039		9,058		3,019				18,116
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		93		158		22				273
Percent		34.1		57.9		8.1				100.0
Std. Error		2.8		2.9		1.6				
Number		2,364		4,016		559				6,939
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size		66		100		18		1		185
Percent		35.7		54.1		9.7		0.5		100.0
Std. Error		3.5		3.6		2.1		0.5		
Number		1,456		2,205		397		22		4,080
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		333		506	1	89		1		930
Percent		35.7		52.8	0.1	11.4		<0.1		100.0
Std. Error		3.3		3.5	0.1	2.4		<0.1		
Number		27,768		41,073	66	8,848		22		77,777

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	Brood Year and Age Class									
	1986	1985		1984		1983		1982	1981	
	1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 105										
Statistical Week 30 (July 17 - 23)										
All Fish										
Sample Size		61		64		10				135
Percent		45.2		47.4		7.4				100.0
Std. Error		4.1		4.1		2.1				
Number		580		609		95				1,284
Statistical Week 32 (July 31 - August 6)										
All Fish										
Sample Size		9		15		3				27
Percent		33.3		55.6		11.1				100.0
Std. Error		9.0		9.5		6.0				
Number		184		307		61				553
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		47		77		14				138
Percent		34.1		55.8		10.1				100.0
Std. Error		4.0		4.2		2.5				
Number		1,631		2,673		486				4,790
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		58		94		20				172
Percent		33.7		54.7		11.6				100.0
Std. Error		3.6		3.7		2.4				
Number		1,765		2,860		609				5,234
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		175		250		47				472
Percent		35.1		54.4		10.5				100.0
Std. Error		2.3		2.4		1.5				
Number		4,161		6,449		1,251				11,861
District 106										
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		1		1						2
Percent		50.0		50.0						100.0
Std. Error		50.0		50.0						
Number		941		941						1,881
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		2		1		1				4
Percent		50.0		25.0		25.0				100.0
Std. Error		27.8		24.1		24.1				
Number		28		14		14				56
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		3		2		1				6
Percent		50.0		49.3		0.7				100.0
Std. Error		48.5		48.5		0.7				
Number		969		955		14				1,937
District 109										
Statistical Week 28 (July 3 - 9)										
All Fish										
Sample Size		17		30		9		1		57
Percent		29.8		52.6		15.8		1.8		100.0
Std. Error		6.0		6.6		4.8		1.7		
Number		507		895		268		30		1,700

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	Brood Year and Age Class									
	1986	1985		1984		1983		1982	1981	
	1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 109 (cont.)										
Statistical Week 29 (July 10 - 16)										
All Fish										
Sample Size		15		43		4				62
Percent		24.2		69.4		6.5				100.0
Std. Error		5.4		5.8		3.1				
Number		794		2,275		212				3,280
Statistical Week 31 (July 24 - 30)										
All Fish										
Sample Size		35		53		14		1		103
Percent		34.0		51.5		13.6		1.0		100.0
Std. Error		4.6		4.8		3.3		0.9		
Number		611		925		244		17		1,798
Statistical Week 32 (July 31 - August 6)										
All Fish										
Sample Size		11		38		4				53
Percent		20.8		71.7		7.5				100.0
Std. Error		5.6		6.2		3.6				
Number		720		2,486		262				3,468
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		14		34		5				53
Percent		26.4		64.2		9.4				100.0
Std. Error		6.1		6.6		4.0				
Number		2,734		6,640		976				10,350
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		92		198		36		2		328
Percent		26.1		64.2		9.5		0.2		100.0
Std. Error		3.4		3.7		2.2		0.2		
Number		5,365		13,221		1,963		47		20,596
District 110										
Statistical Week 35 (August 21 - 27)										
All Fish										
Sample Size				2						2
Percent				100.0						100.0
Std. Error										
Number				4						4
District 111										
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		12		15		2				29
Percent		41.4		51.7		6.9				100.0
Std. Error		6.0		6.1		3.1				
Number		21		26		3				50
District 112										
Statistical Week 32 (July 31 - August 6)										
All Fish										
Sample Size		10		10		1				21
Percent		47.6		47.6		4.8				100.0
Std. Error		10.8		10.8		4.6				
Number		137		137		14				288
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		31		30		4				65
Percent		47.7		46.2		6.2				100.0
Std. Error		6.1		6.1		2.9				
Number		732		708		94				1,535

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	Brood Year and Age Class									
	1986	1985		1984		1983		1982	1981	
	1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 112 (cont.)										
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		13		15						28
Percent		46.4		53.6						100.0
Std. Error		9.4		9.4						
Number		416		480						896
Statistical Week 35 (August 21 - 27)										
All Fish										
Sample Size		2		12		2				16
Percent		12.5		75.0		12.5				100.0
Std. Error		8.5		11.1		8.5				
Number		104		626		104				834
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size		11		28		4		1		44
Percent		25.0		63.6		9.1		2.3		100.0
Std. Error		6.5		7.3		4.3		2.3		
Number		600		1,526		218		55		2,398
Statistical Week 38 (Sept. 11 - 17)										
All Fish										
Sample Size		18		11		1		1		31
Percent		58.1		35.5		3.2		3.2		100.0
Std. Error		9.0		8.7		3.2		3.2		
Number		1,388		848		77		77		2,391
Statistical Week 39 (Sept. 18 - 24)										
All Fish										
Sample Size		11		18		1				30
Percent		36.7		60.0		3.3				100.0
Std. Error		8.8		8.9		3.3				
Number		293		479		27				799
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		96		124		13		2		235
Percent		40.2		52.6		5.8		1.4		100.0
Std. Error		3.4		3.5		1.7		1.0		
Number		3,670		4,805		534		132		9,141
District 113										
Statistical Week 28 (July 3 - 9)										
All Fish										
Sample Size		12		21		1				34
Percent		35.3		61.8		2.9				100.0
Std. Error		8.3		8.4		2.9				
Number		1,704		2,983		142				4,829
Statistical Week 29 (July 10 - 16)										
All Fish										
Sample Size		6		28		5				39
Percent		15.4		71.8		12.8				100.0
Std. Error		5.8		7.3		5.4				
Number		875		4,082		729				5,686
Statistical Week 30 (July 17 - 23)										
All Fish										
Sample Size		2		4		2				8
Percent		25.0		50.0		25.0				100.0
Std. Error		16.4		18.9		16.4				
Number		1,849		3,697		1,849				7,394

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	Brood Year and Age Class									
	1986	1985		1984		1983		1982	1981	
	1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 113 (cont.)										
Statistical Week 32 (July 31 - August 6)										
All Fish										
Sample Size		9		9		1				19
Percent		47.4		47.4		5.3				100.0
Std. Error		11.7		11.7		5.3				
Number		2,725		2,725		303				5,753
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		21		36		14		1		72
Percent		29.2		50.0		19.4		1.4		100.0
Std. Error		5.4		5.9		4.7		1.4		
Number		7,837		13,435		5,225		373		26,870
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		9		27		16		2		54
Percent		16.7		50.0		29.6		3.7		100.0
Std. Error		5.1		6.9		6.3		2.6		
Number		2,908		8,725		5,170		646		17,449
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size		56		98		26		2		182
Percent		30.8		53.8		14.3		1.1		100.0
Std. Error		3.4		3.7		2.6		0.8		
Number		3,587		6,277		1,665		128		11,658
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		115		223		65		5		408
Percent		27.0		52.6		18.9		1.4		100.0
Std. Error		2.9		3.3		2.7		0.7		
Number		21,485		41,924		15,083		1,148		79,639
District 114										
Statistical Week 30 (July 17 - 23)										
All Fish										
Sample Size		27	1	39		8				75
Percent		36.0	1.3	52.0		10.7				100.0
Std. Error		5.5	1.3	5.7		3.6				
Number		1,335	49	1,928		396				3,708
Statistical Week 32 (July 31 - August 6)										
All Fish										
Sample Size		3		4		4				11
Percent		27.3		36.4		36.4				100.0
Std. Error		14.0		15.2		15.2				
Number		536		715		715				1,965
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		23		32		7				62
Percent		37.1		51.6		11.3				100.0
Std. Error		6.2		6.4		4.0				
Number		4,977		6,924		1,515				13,415
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		27		44		24		1		96
Percent		28.1		45.8		25.0		1.0		100.0
Std. Error		4.6		5.1		4.4		1.0		
Number		1,581		2,577		1,406		59		5,623

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	Brood Year and Age Class									
	1986	1985		1984		1983		1982	1981	
	1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 114 (cont.)										
Statistical Week 35 (August 21 - 27)										
All Fish										
Sample Size		49		88		21		3		161
Percent		30.4		54.7		13.0		1.9		100.0
Std. Error		3.6		3.9		2.6		1.1		
Number		1,979		3,555		848		121		6,504
Statistical Week 37 (Sept. 4 - 10)										
All Fish										
Sample Size		118		180		52		1		351
Percent		33.6		51.3		14.8		0.3		100.0
Std. Error		2.5		2.6		1.9		0.3		
Number		4,940		7,536		2,177		42		14,695
Statistical Week 38 (Sept. 11 - 17)										
All Fish										
Sample Size		22		33		8				63
Percent		34.9		52.4		12.7				100.0
Std. Error		6.0		6.3		4.2				
Number		2,523		3,785		918				7,226
Statistical Weeks 39 - 40 (Sept. 18 - 30)										
All Fish										
Sample Size			16			20		11		47
Percent			34.0			42.6		23.4		100.0
Std. Error			6.8			7.1		6.1		
Number			402			503		276		1,181
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		335	1	545		159		7		1,047
Percent		32.3	0.1	52.4		14.7		0.6		100.0
Std. Error		1.8	0.1	1.9		1.3		0.2		
Number		22,754	49	36,931		10,400		401		70,535
District 116										
Statistical Week 30 (July 17 - 23)										
All Fish										
Sample Size		17		89		33		10		149
Percent		11.4		59.7		22.1		6.7		100.0
Std. Error		2.6		4.0		3.4		2.0		
Number		732		3,835		1,422		431		6,420
Statistical Week 31 (July 24 - 30)										
All Fish										
Sample Size		36		133		36		5	1	211
Percent		17.1		63.0		17.1		2.4	0.5	100.0
Std. Error		2.5		3.3		2.5		1.0	0.5	
Number		1,009		3,726		1,009		140	28	5,911
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		46		85		18		1		150
Percent		30.7		56.7		12.0		0.7		100.0
Std. Error		3.7		4.0		2.6		0.7		
Number		2,595		4,796		1,016		56		8,463
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		34		44		9		3		90
Percent		37.8		48.9		10.0		3.3		100.0
Std. Error		5.1		5.3		3.2		1.9		
Number		3,299		4,269		873		291		8,732
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size		7		24		9				40
Percent		17.5		60.0		22.5				100.0
Std. Error		6.1		7.8		6.7				
Number		1,788		6,131		2,299				10,219

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	Brood Year and Age Class									
	1986	1985		1984		1983		1982	1981	
	1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 116 (cont.)										
Statistical Week 37 (Sept. 4 - 10)										
All Fish										
Sample Size		24		57		21		1		103
Percent		23.3		55.3		20.4		1.0		100.0
Std. Error		4.2		4.9		4.0		1.0		
Number		1,721		4,087		1,506		72		7,386
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		164		432		126		20	1	743
Percent		23.6		57.0		17.2		2.1	0.1	100.0
Std. Error		1.9		2.3		1.8		0.5	0.0	
Number		11,144		26,844		8,124		990	28	47,131
District 152										
Statistical Week 30 (July 17 - 23)										
All Fish										
Sample Size		16		22		18				56
Percent		28.6		39.3		32.1				100.0
Std. Error		5.9		6.4		6.1				
Number		230		316		258				804
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		8		32		14		3		57
Percent		14.0		56.1		24.6		5.3		100.0
Std. Error		4.1		5.8		5.0		2.6		
Number		34		135		59		13		240
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		24		54		32		3		113
Percent		25.2		43.2		30.4		1.2		100.0
Std. Error		4.6		5.1		4.8		0.6		
Number		263		451		317		13		1,044
District 154										
Statistical Week 31 (July 24 - 30)										
All Fish										
Sample Size		20		31		6				57
Percent		35.1		54.4		10.5				100.0
Std. Error		6.2		6.5		4.0				
Number		398		616		119				1,133
Statistical Week 32 (July 31 - August 6)										
All Fish										
Sample Size		11		29		15		1		56
Percent		19.6		51.8		26.8		1.8		100.0
Std. Error		5.3		6.6		5.9		1.8		
Number		299		788		408		27		1,522
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		7		14		8				29
Percent		24.1		48.3		27.6				100.0
Std. Error		8.0		9.4		8.4				
Number		731		1,461		835				3,027
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		38		74		29		1		142
Percent		25.1		50.4		24.0		0.5		100.0
Std. Error		4.7		5.5		4.8		0.5		
Number		1,427		2,866		1,362		27		5,682

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	Brood Year and Age Class									
	1986	1985		1984		1983		1982	1981	
	1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 156 [b]										
Statistical Weeks 35 - 36 (August 21 - 27) August 28 - Sept. 3										
All Fish										
Sample Size		7		26		4				37
Percent		18.9		70.3		10.8				100.0
Std. Error		6.1		7.1		4.8				
Number		54		202		31				287
District 157										
Statistical Week 30 (July 17 - 23)										
All Fish										
Sample Size		11		19		4				34
Percent		32.4		55.9		11.8				100.0
Std. Error		7.5		8.0		5.2				
Number		72		125		26				223
District 181										
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size		8		6		3				17
Percent		47.1		35.3		17.6				100.0
Std. Error		12.5		11.9		9.5				
Number		5,051		3,788		1,894				10,733
Statistical Week 37 (Sept. 4 - 10)										
All Fish										
Sample Size		18		22		6		2		48
Percent		37.5		45.8		12.5		4.2		100.0
Std. Error		7.0		7.2		4.8		2.9		
Number		2,678		3,273		893		298		7,140
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		26		28		9		2		65
Percent		43.2		39.5		15.6		1.7		100.0
Std. Error		8.0		7.7		6.0		1.2		
Number		7,728		7,061		2,787		298		17,873
District 183										
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size		10		16		6				32
Percent		31.3		50.0		18.8				100.0
Std. Error		8.3		8.9		7.0				
Number		934		1,495		561				2,990
Statistical Week 37 (Sept. 4 - 10)										
All Fish										
Sample Size		2		4		2				8
Percent		25.0		50.0		25.0				100.0
Std. Error		16.4		18.9		16.4				
Number		1,162		2,325		1,162				4,649
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		12		20		8				40
Percent		27.4		50.0		22.6				100.0
Std. Error		10.5		12.0		10.3				
Number		2,097		3,820		1,723				7,639
District 189										
Statistical Week 38 (Sept. 11 - 17)										
All Fish										
Sample Size		6		13		1		1		21
Percent		28.6		61.9		4.8		4.8		100.0
Std. Error		9.8		10.6		4.6		4.6		
Number		110		238		18		18		385

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	Brood Year and Age Class									
	1986	1985		1984		1983		1982	1981	
	1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 171 [c]										
Statistical Week 28 (July 3 - 9)										
All Fish										
Sample Size		17		47		16				80
Percent		21.3		58.7		20.0				100.0
Std. Error		4.6		5.5		4.5				
Number		1,514		4,186		1,425				7,125
Statistical Week 29 (July 10 - 16)										
All Fish										
Sample Size		32		58		25		6		121
Percent		26.4		47.9		20.7		5.0		100.0
Std. Error		4.0		4.5		3.7		2.0		
Number		3,002		5,441		2,345		563		11,352
Statistical Week 31 (July 24 - 30)										
All Fish										
Sample Size		33		82		9		2		126
Percent		26.2		65.1		7.1		1.6		100.0
Std. Error		3.9		4.2		2.3		1.1		
Number		3,593		8,928		980		218		13,718
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		39		75		30		3		147
Percent		26.5		51.0		20.4		2.0		100.0
Std. Error		3.6		4.1		3.3		1.2		
Number		14,630		28,134		11,253		1,125		55,142
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		31		69		9				109
Percent		28.4		63.3		8.3				100.0
Std. Error		4.3		4.6		2.6				
Number		10,982		24,444		3,188				38,615
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size		26		72		24		2		124
Percent		21.0		58.1		19.4		1.6		100.0
Std. Error		3.7		4.4		3.6		1.1		
Number		11,902		32,958		10,986		915		56,761
Statistical Week 37 (Sept. 4 - 10)										
All Fish										
Sample Size		3		11		4				18
Percent		16.7		61.1		22.2				100.0
Std. Error		9.0		11.8		10.1				
Number		6,294		23,076		8,391				37,761
Statistical Week 38 (Sept. 11 - 17)										
All Fish										
Sample Size		52		72		11		1		136
Percent		38.2		52.9		8.1		0.7		100.0
Std. Error		4.2		4.3		2.3		0.7		
Number		5,535		7,664		1,171		106		14,477
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		233		486		128		14		861
Percent		24.5		57.4		16.9		1.2		100.0
Std. Error		2.1		2.5		2.1		0.4		
Number		57,451		134,831		39,740		2,928		234,951

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	Brood Year and Age Class									
	1986	1985		1984		1983		1982	1981	
	1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 172 [d]										
Statistical Week 31 (July 24 - 30)										
All Fish										
Sample Size		21		34		7		1		63
Percent		33.3		54.0		11.1		1.6		100.0
Std. Error		5.9		6.3		4.0		1.6		
Number		1,629		2,637		543		78		4,887
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		14		12		5				31
Percent		45.2		38.7		16.1				100.0
Std. Error		9.1		8.9		6.7				
Number		3,848		3,298		1,374				8,520
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size		21		48		14				83
Percent		25.3		57.8		16.9				100.0
Std. Error		4.8		5.4		4.1				
Number		1,609		3,677		1,073				6,359
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		56		94		26		1		177
Percent		35.8		48.6		15.1		0.4		100.0
Std. Error		4.4		4.5		3.3		0.4		
Number		7,086		9,613		2,990		78		19,766
District 173 [e]										
Statistical Week 31 (July 24 - 30)										
All Fish										
Sample Size		64		113		28		3		208
Percent		30.8		54.3		13.5		1.4		100.0
Std. Error		3.0		3.3		2.3		0.8		
Number		660		1,165		289		31		2,144

[a] Week 32 combined with Week 33 since there was only one readable scale.
[b] Observer data weeks combined since landing was made in the second statistical week of this trip.
[c] Districts 113, 114, 116, 154, 156, 157, 181, 183, and 191.
[d] Districts 103, 104, 150, and 152.
[e] Districts 109, 110, 111, and 115.

Appendix A.3. Average length (mm) and standard error of coho salmon caught in the Southeast Alaska troll fishery by district, age class and statistical week, 1988.

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 101											
Statistical Week 29 (July 10 - 16)											
All Fish	Avg. Length		581		588		614				590
	Std. Error		11.5		9.5		10.7				6.7
	Sample Size		9		20		5				34
Statistical Week 30 (July 17 - 23)											
All Fish	Avg. Length		555		570		608		580		568
	Std. Error		7.9		8.1		11.4				5.3
	Sample Size		48		49		12		1		110
Statistical Week 31 (July 24 - 30)											
All Fish	Avg. Length		553		593		581		510		575
	Std. Error		15.8		10.4		18.9				8.5
	Sample Size		20		25		7		1		53
Statistical Weeks 32 - 33 (July 31 - August 13) [a]											
All Fish	Avg. Length		611		623		612		675		617
	Std. Error		15.1		14.8		12.6				8.9
	Sample Size		17		13		6		1		37
Statistical Week 34 (August 14 - 20)											
All Fish	Avg. Length		643		633		670				638
	Std. Error		13.9		16.3						10.4
	Sample Size		44		37		1				82
Statistical Week 35 (August 21 - 27)											
All Fish	Avg. Length		593		710						663
	Std. Error		27.5		13.2						30.9
	Sample Size		2		3						5
Statistical Week 36 (August 28 - Sept. 3)											
All Fish	Avg. Length		634		632		673				635
	Std. Error		16.2		12.7		27.5				9.4
	Sample Size		10		18		2				30

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 101 (cont.)											
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		595		603		633		592		602
	Std. Error		6.5		5.6		7.4		47.8		3.9
	Sample Size		150		165		33		3		351
District 102											
Statistical Week 31 (July 24 - 30)											
All Fish	Avg. Length		630		580		615				601
	Std. Error		17.7		15.6		30.0				12.0
	Sample Size		4		7		2				13
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length				583		655				619
	Std. Error				97.5		35.0				47.2
	Sample Size				2		2				4
Statistical Week 35 (August 21 - 27)											
All Fish	Avg. Length		655		550		710				643
	Std. Error		15.0								34.0
	Sample Size		2		1		1				4
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		642		574		657				619
	Std. Error		13.0		18.3		22.7				12.8
	Sample Size		6		10		5				21
District 103											
Statistical Week 29 (July 10 - 16)											
All Fish	Avg. Length		582		598		545				586
	Std. Error		15.8		18.8		85.0				12.5
	Sample Size		11		11		2				24

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 103 (cont.)											
Statistical Week 31 (July 24 - 30)											
All Fish	Avg. Length		539		545		565				544
	Std. Error		9.0		10.9		23.0				6.7
	Sample Size		30		28		4				62
Statistical Week 32 (July 31 - August 6)											
All Fish	Avg. Length		526		533		637	372			529
	Std. Error		15.3		29.3		18.6	22.0			16.4
	Sample Size		13		11		3	2			29
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length	371	559		567		608		573		566
	Std. Error		10.9		9.4		20.8				7.0
	Sample Size	1	29		47		9		1		87
Statistical Week 36 (August 28 - Sept. 3)											
All Fish	Avg. Length		556		585						571
	Std. Error		19.1		17.6						13.0
	Sample Size		12		13						25
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length	371	561		575		582	372	573		445
	Std. Error		5.8		6.5		15.1	22.0			4.4
	Sample Size	1	95		110		18	2	1		227
District 104											
Statistical Week 28 (July 3 - 9)											
All Fish	Avg. Length		550		566	565	601				564
	Std. Error		13.7		8.6		23.9				7.1
	Sample Size		17		28	1	5				51

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 104 (cont.)											
Statistical Week 29 (July 10 - 16)											
All Fish	Avg. Length		588		598		587				593
	Std. Error		7.9		8.7		29.8				6.0
	Sample Size		21		28		5				54
Statistical Week 30 (July 17 - 23)											
All Fish	Avg. Length		572		577		586				576
	Std. Error		9.5		6.4		13.5				5.0
	Sample Size		28		43		11				82
Statistical Week 31 (July 24 - 30)											
All Fish	Avg. Length		577		589		612				586
	Std. Error		7.2		6.8		13.8				4.7
	Sample Size		48		54		9				111
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length		604		578		647				598
	Std. Error		33.2		20.2		30.9				16.1
	Sample Size		6		9		3				18
Statistical Week 34 (August 14 - 20)											
All Fish	Avg. Length		617		616		637				618
	Std. Error		4.6		4.1		3.5				2.9
	Sample Size		59		104		11				174
Statistical Week 36 (August 28 - Sept. 3)											
All Fish	Avg. Length		644		657		654		710		652
	Std. Error		6.0		4.0		9.0				3.2
	Sample Size		54		84		15		1		154
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		589		590	565	611		710		593
	Std. Error		3.6		2.8		6.2				2.1
	Sample Size		233		350	1	59		1		644

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 105											
Statistical Week 30 (July 17 - 23)											
All Fish	Avg. Length		571		585		590				579
	Std. Error		7.8		7.7		20.0				5.3
	Sample Size		17		23		2				42
Statistical Week 32 (July 31 - August 6)											
All Fish	Avg. Length		629		610		622				617
	Std. Error		4.1		11.1		19.2				6.7
	Sample Size		9		15		3				27
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length		596		626		628				616
	Std. Error		6.4		4.8		9.1				3.8
	Sample Size		47		77		14				138
Statistical Week 34 (August 14 - 20)											
All Fish	Avg. Length		619		623		636				623
	Std. Error		5.9		4.8		10.1				3.5
	Sample Size		49		76		13				138
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		605		620		627				615
	Std. Error		3.9		3.1		6.2				2.3
	Sample Size		122		191		32				345
District 106											
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length		530		445						488
	Std. Error										42.5
	Sample Size		1		1						2

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		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 106 (cont.)											
Statistical Week 34 (August 14 - 20)											
All Fish	Avg. Length		623		545		593				596
	Std. Error		34.5								23.1
	Sample Size		2		1		1				4
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		533		448		593				491
	Std. Error		36.7		50.0						29.2
	Sample Size		3		2		1				6
District 109											
Statistical Week 28 (July 3 - 9)											
All Fish	Avg. Length		596		582		575		630		583
	Std. Error		7.5		7.2		15.6				6.0
	Sample Size		5		19		9		1		34
Statistical Week 29 (July 10 - 16)											
All Fish	Avg. Length		670		639		635				647
	Std. Error		11.8		12.1		15.0				8.9
	Sample Size		6		15		2				23
Statistical Week 31 (July 24 - 30)											
All Fish	Avg. Length		556		592		595		570		579
	Std. Error		9.4		7.8		20.5				6.0
	Sample Size		25		39		6		1		71
Statistical Week 32 (July 31 - August 6)											
All Fish	Avg. Length		599		634		630				623
	Std. Error		7.7		12.5						9.0
	Sample Size		7		15		1				23

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 109 (cont.)											
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length		630		684		703				668
	Std. Error		26.3		10.4		23.3				11.8
	Sample Size		8		13		3				24
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		622		652		660		599		642
	Std. Error		8.4		5.5		13.3		30.0		4.4
	Sample Size		51		101		21		2		175
District 110											
Statistical Week 35 (August 21 - 27)											
All Fish	Avg. Length				596						596
	Std. Error				20.0						20.0
	Sample Size				2						2
District 111											
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length		603		617		602				610
	Std. Error		19.3		14.1		33.0				10.8
	Sample Size		12		15		2				29
District 112											
Statistical Week 32 (July 31 - August 6)											
All Fish	Avg. Length		617		597		626				608
	Std. Error		17.3		26.0						14.6
	Sample Size		10		10		1				21
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length		591		624		615				608
	Std. Error		20.4		14.0		33.1				11.9
	Sample Size		31		30		4				65

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 112 (cont.)											
Statistical Week 34 (August 14 - 20)											
All Fish	Avg. Length		593		621						608
	Std. Error		15.2		8.8						8.8
	Sample Size		13		15						28
Statistical Week 35 (August 21 - 27)											
All Fish	Avg. Length		621		630		651				631
	Std. Error		29.5		13.1		11.0				10.3
	Sample Size		2		12		2				16
Statistical Week 36 (August 28 - Sept. 3)											
All Fish	Avg. Length		631		659		665		712		654
	Std. Error		10.9		8.4		23.0				6.6
	Sample Size		11		28		4		1		44
Statistical Week 38 (Sept. 11 - 17)											
All Fish	Avg. Length		622		637		685		615		629
	Std. Error		12.2		15.5						9.1
	Sample Size		18		11		1		1		31
Statistical Week 39 (Sept. 18 - 24)											
All Fish	Avg. Length		698		692		625				692
	Std. Error		10.9		8.5						6.8
	Sample Size		11		18		1				30
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		622		642		655		664		635
	Std. Error		8.3		5.5		13.2		48.5		4.6
	Sample Size		96		124		13		2		235

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 113											
Statistical Week 28 (July 3 - 9)											
All Fish	Avg. Length		559		568						564
	Std. Error		15.4		12.4						9.3
	Sample Size		5		8						13
Statistical Week 29 (July 10 - 16)											
All Fish	Avg. Length				650						650
	Std. Error										0.0
	Sample Size				1						1
Statistical Week 32 (July 31 - August 6)											
All Fish	Avg. Length		658		647		660				653
	Std. Error		11.6		14.7						8.7
	Sample Size		9		9		1				19
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length		634		652		652		645		647
	Std. Error		10.2		8.5		7.5				5.4
	Sample Size		21		36		14		1		72
Statistical Week 34 (August 14 - 20)											
All Fish	Avg. Length		630		637		650				636
	Std. Error		17.3		16.4						9.4
	Sample Size		3		3		1				7
Statistical Week 36 (August 28 - Sept. 3)											
All Fish	Avg. Length		641		655		643				649
	Std. Error		5.5		3.9		3.6				2.9
	Sample Size		27		54		13				94
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		631		643		651		645		580
	Std. Error		5.3		4.2		4.0				2.9
	Sample Size		65		111		29		1		206

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 114											
Statistical Week 30 (July 17 - 23)											
All Fish	Avg. Length		577	420	584		602				581
	Std. Error		10.3		8.9		22.0				6.7
	Sample Size		27	1	39		8				75
Statistical Week 32 (July 31 - August 6)											
All Fish	Avg. Length		612		656		613				629
	Std. Error		37.2		32.3		14.6				16.0
	Sample Size		3		4		4				11
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length		607		622		629				617
	Std. Error		9.1		8.9		12.2				5.9
	Sample Size		23		32		7				62
Statistical Week 34 (August 14 - 20)											
All Fish	Avg. Length		649		651		675		659		657
	Std. Error		9.7		8.2		7.8				5.1
	Sample Size		27		44		24		1		96
Statistical Week 35 (August 21 - 27)											
All Fish	Avg. Length		644		651		668		632		651
	Std. Error		6.0		4.4		13.2		6.2		3.5
	Sample Size		49		88		21		3		161
Statistical Week 36 (August 28 - Sept. 3)											
All Fish	Avg. Length		654		650		648		632		650
	Std. Error		4.6		4.2		11.5		1.5		3.1
	Sample Size		41		82		15		2		140
Statistical Week 37 (Sept. 4 - 10)											
All Fish	Avg. Length		671		676		678		705		675
	Std. Error		3.2		2.7		4.9				1.9
	Sample Size		118		180		52		1		351

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 114 (cont.)											
Statistical Week 38 (Sept. 11 - 17)											
All Fish	Avg. Length		655		646		663				651
	Std. Error		7.4		7.2		6.8				4.7
	Sample Size		22		33		8				63
Statistical Weeks 39 - 40 (Sept. 18 - 30)											
All Fish	Avg. Length		628		648		665				646
	Std. Error		18.5		10.9		12.8				8.2
	Sample Size		9		14		7				30
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		642	420	647		653		660		645
	Std. Error		2.7		2.1		3.8		10.8		1.6
	Sample Size		319	1	516		146		7		989
District 116											
Statistical Week 30 (July 17 - 23)											
All Fish	Avg. Length		634		610		621		633		618
	Std. Error		7.2		6.7		7.2		14.1		4.4
	Sample Size		12		54		23		7		96
Statistical Week 31 (July 24 - 30)											
All Fish	Avg. Length		565		609		645		660	615	608
	Std. Error		19.8		9.2		17.7				7.9
	Sample Size		6		28		5		1	1	41
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length		623		616		641				621
	Std. Error		10.3		5.9		17.4				5.1
	Sample Size		39		71		12				122

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 116 (cont.)											
Statistical Week 34 (August 14 - 20)											
All Fish	Avg. Length		623		641		635		604		632
	Std. Error		12.1		11.0		12.4				7.1
	Sample Size		21		25		7		1		54
Statistical Week 37 (Sept. 4 - 10)											
All Fish	Avg. Length		606		616		638		650		618
	Std. Error		11.2		6.9		11.8				5.3
	Sample Size		21		49		18		1		89
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		612		620		636		634	615	486
	Std. Error		5.7		3.3		5.5		10.6		2.5
	Sample Size		99		227		65		10	1	402
District 152											
Statistical Week 30 (July 17 - 23)											
All Fish	Avg. Length		590		598		603				597
	Std. Error		19.5		13.7		23.8				9.7
	Sample Size		6		11		5				22
Statistical Week 34 (August 14 - 20)											
All Fish	Avg. Length		616		629		623		646		627
	Std. Error		9.6		9.4		11.9		5.5		6.1
	Sample Size		8		32		14		3		57
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		596		605		608		646		604
	Std. Error		10.2		8.0		10.6		5.5		5.4
	Sample Size		14		43		19		3		79

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 154											
Statistical Week 31 (July 24 - 30)											
All Fish	Avg. Length		571		576		605				578
	Std. Error		12.8		9.2		16.7				7.0
	Sample Size		20		31		6				57
Statistical Week 32 (July 31 - August 6)											
All Fish	Avg. Length		645		631		656		625		640
	Std. Error		10.1		4.4		7.9				3.9
	Sample Size		11		29		15		1		56
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length		641		648		648				646
	Std. Error		14.2		5.7		11.7				5.2
	Sample Size		7		14		8				29
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		628		629		642		625		631
	Std. Error		9.6		5.6		7.1				4.3
	Sample Size		38		74		29		1		142
District 156											
Statistical Weeks 35 - 36 (August 21 - Sept. 3)[b]											
All Fish	Avg. Length		650		662		663				660
	Std. Error		20.2		7.5		21.4				6.7
	Sample Size		7		26		4				37
District 157											
Statistical Week 30 (July 17 - 23)											
All Fish	Avg. Length		630		618		628				623
	Std. Error		7.8		10.5		23.0				6.6
	Sample Size		9		14		2				25

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 181											
Statistical Week 36 (August 28 - Sept. 3)											
All Fish	Avg. Length		639		683		680				662
	Std. Error		12.3		10.2		32.1				9.7
	Sample Size		8		6		3				17
Statistical Week 37 (Sept. 4 - 10)											
All Fish	Avg. Length		668		671		682		708		673
	Std. Error		10.2		7.4		16.1		22.5		5.5
	Sample Size		18		22		6		2		48
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		650		678		681		708		666
	Std. Error		8.3		6.2		13.9		22.5		4.8
	Sample Size		26		28		9		2		65
District 189											
Statistical Week 38 (Sept. 11 - 17)											
All Fish	Avg. Length		666		690		695		685		683
	Std. Error		13.0		8.1						6.5
	Sample Size		6		13		1		1		21
District 171											
Statistical Week 28 (July 3 - 9)											
All Fish	Avg. Length		600		589		586				589
	Std. Error		23.0		5.5		17.6				6.0
	Sample Size		4		20		8				32
Statistical Week 29 (July 10 - 16)											
All Fish	Avg. Length		584		602		610		612		601
	Std. Error		14.2		9.8		8.0		11.8		6.0
	Sample Size		10		23		11		3		47

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 171 (cont.)											
Statistical Week 31 (July 24 - 30)											
All Fish	Avg. Length		649		648		642				648
	Std. Error		6.8		4.2		12.4				3.4
	Sample Size		14		45		5				64
Statistical Week 33 (August 7 - 13)											
All Fish	Avg. Length		622		637		646		700		635
	Std. Error		9.8		6.3		11.8				4.9
	Sample Size		18		38		8		1		65
Statistical Week 34 (August 14 - 20)											
All Fish	Avg. Length		658		648		578				647
	Std. Error		10.6		10.8		17.5				7.9
	Sample Size		12		18		2				32
Statistical Week 38 (Sept. 11 - 17)											
All Fish	Avg. Length		669		657		684		645		664
	Std. Error		6.5		6.4		6.6				4.3
	Sample Size		24		25		4		1		54
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		635		638		625		678		381
	Std. Error		5.1		3.3		7.3		18.3		2.6
	Sample Size		82		169		38		5		294
District 172 [a]											
Statistical Week 31 (July 24 - 30)											
All Fish	Avg. Length		609		609		633		630		613
	Std. Error		11.5		13.9		12.5				7.8
	Sample Size		8		9		2		1		20

-Continued-

		Brood Year and Age Class									
		1986	1985		1984		1983		1982	1981	
		1.0	1.1	2.0	2.1	2.2	3.1	4.0	4.1	5.1	Total
District 172 (cont.)											
Statistical Week 34 (August 14 - 20)											
All Fish	Avg. Length		596		590		586				592
	Std. Error		12.0		19.8		21.5				9.6
	Sample Size		9		8		4				21
Combined Periods (Lengths weighted by period catches)											
All Fish	Avg. Length		601		597		603		630		407
	Std. Error		8.2		11.7		17.1				6.3
	Sample Size		17		17		6		1		41
District 173 [e]											
Statistical Week 31 (July 26 - August 1)											
All Fish	Avg. Length		583		614		633		670		605
	Std. Error		9.3		7.8		14.0				5.8
	Sample Size		32		41		10		1		84

[a] Week 32 combined with week 33 since there was only one readable scale.
[b] Observer data weeks combined since landing was made in the second statistical week of this trip.
[c] Districts 113, 114, 116, 154, 156, 157, 181, 183, 189, and 191.
[d] Districts 103, 104, 150, and 152.
[e] Districts 109, 110, 111, 112, and 115.

Appendix A.4. Age composition of the Southeast Alaska purse seine fishery harvest of coho salmon by district and period, 1988.

	Brood Year and Age Class									
	1986	1985		1984			1983	1982	1981	
	1.0	1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 101 [a]										
Statistical Weeks 33 - 36 (August 7 - 13) August 28 - Sept. 3										
All Fish										
Sample Size		12			4		3			19
Percent		63.2			21.1		15.8			100.0
Std. Error		11.3			9.5		8.5			
Number		801			267		200			1,268
District 102										
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		4			1		1			6
Percent		66.7			16.7		16.7			100.0
Std. Error		21.1			16.7		16.7			
Number		2,231			558		558			3,347
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size					5		2			7
Percent					71.4		28.6			100.0
Std. Error					18.4		18.4			
Number					676		271			947
Statistical Week 35 (August 21 - 27)										
All Fish										
Sample Size		14			32		5			51
Percent		27.5			62.7		9.8			100.0
Std. Error		6.3			6.8		4.2			
Number		945			2,160		337			3,442
Statistical Week 36 (August 28 - Sept. 3)										
Male										
Sample Size					1					1
Percent					50.0					50.0
Std. Error					49.9					49.9
Number					26					26
Female										
Sample Size						1				1
Percent						50.0				50.0
Std. Error						49.9				49.9
Number						26				26
All Fish										
Sample Size		2			12	1				15
Percent		13.3			80.0	6.7				100.0
Std. Error		8.9			10.5	6.5				
Number		52			314	26				393
Statistical Week 37 (Sept. 4 - 10)										
Male										
Sample Size		2			5					7
Percent		15.4			38.5					53.8
Std. Error		10.4			14.0					14.4
Number		477			1,193					1,670
Female										
Sample Size		1			5					6
Percent		7.7			38.5					46.2
Std. Error		7.7			14.0					14.4
Number		239			1,193					1,432
All Fish										
Sample Size		3			10					13
Percent		23.1			76.9					100.0
Std. Error		12.1			12.1					
Number		716			2,386					3,102

-Continued-

	Brood Year and Age Class									
	1986	1985			1984		1983	1982	1981	
	1.0	1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 102 (cont.)										
Statistical Week 38 (Sept. 11 - 17)										
Male										
Sample Size					3					3
Percent					20.0					20.0
Std. Error					10.6					10.6
Number					209					209
Female										
Sample Size		2			5		4	1		12
Percent		13.3			33.3		26.7	6.7		80.0
Std. Error		9.0			12.5		11.7	6.6		10.6
Number		139			348		278	70		835
All Fish										
Sample Size		3			10		4	1		18
Percent		16.7			55.6		22.2	5.6		100.0
Std. Error		9.0			12.0		10.0	5.5		
Number		209			696		278	70		1,252
Combined Periods (Percentages are weighted by period catches)										
Male										
Sample Size		2			9					11
Percent		11.4			34.0					45.4
Std. Error		2.6			4.0					4.0
Number		477			1,428					1,905
Female										
Sample Size		3			10	1	4	1		19
Percent		9.0			36.7	0.6	6.6	1.7		54.6
Std. Error		2.1			3.7	1.6	1.2	0.7		4.0
Number		378			1,541	26	278	70		2,293
All Fish										
Sample Size		26			70	1	12	1		110
Percent		33.3			54.4	0.2	11.6	0.6		100.0
Std. Error		6.7			6.0	0.2	4.9	0.6		
Number		4,153			6,790	26	1,444	70		12,483
District 103										
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		18			23		11	3		55
Percent		32.7			41.8		20.0	5.5		100.0
Std. Error		6.2			6.5		5.2	3.0		
Number		250			320		153	42		765
Statistical Week 35 (August 21 - 27)										
All Fish										
Sample Size		12	1		14		1	1	1	30
Percent		40.0	3.3		46.7		3.3	3.3	3.3	100.0
Std. Error		9.1	3.3		9.2		3.3	3.3	3.3	
Number		2,650	221		3,091		221	221	221	6,624
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size	1	11			23	1	10	2		48
Percent	2.1	22.9			47.9	2.1	20.8	4.2		100.0
Std. Error	2.1	6.1			7.2	2.1	5.9	2.9		
Number	77	848			1,772	77	771	154		3,699
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size	1	41	1		60	1	22	6	1	133
Percent	0.7	33.8	2.0		46.7	0.7	10.3	3.8	2.0	100.0
Std. Error	0.7	5.8	2.0		6.0	0.7	2.8	2.2	2.0	
Number	77	3,748	221		5,184	77	1,144	417	221	11,088
District 104										
Statistical Week 28 (July 3 - 9)										
All Fish										
Sample Size		7			16		5			28
Percent		25.0			57.1		17.9			100.0
Std. Error		8.3			9.5		7.3			
Number		645			1,475		461			2,581

-Continued-

	Brood Year and Age Class									
	1986	1985		1984			1983	1982	1981	
	1.0	1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 104 (cont.)										
Statistical Week 29 (July 10 - 16)										
Male										
Sample Size		3	1		15		4			23
Percent		6.7	2.2		33.3		8.9			51.1
Std. Error		3.8	2.2		7.1		4.3			7.5
Number		587	196		2,937		783			4,503
Female										
Sample Size		8			9		5			22
Percent		17.8			20.0		11.1			48.9
Std. Error		5.7			6.0		4.7			7.5
Number		1,566			1,762		979			4,307
All Fish										
Sample Size		11	1		24		9			45
Percent		24.4	2.2		53.3		20.0			100.0
Std. Error		6.5	2.2		7.5		6.0			
Number		2,154	196		4,699		1,762			8,810
Statistical Week 31 (July 24 - 30)										
Male										
Sample Size		1			2					3
Percent		16.7			33.3					50.0
Std. Error		16.6			21.0					22.3
Number		216			433					649
Female										
Sample Size		2			1					3
Percent		33.3			16.7					50.0
Std. Error		21.0			16.6					22.3
Number		433			216					649
All Fish										
Sample Size		3			3					6
Percent		50.0			50.0					100.0
Std. Error		22.3			22.3					
Number		649			649					1,298
Statistical Week 32 (July 31 - August 6)										
Male										
Sample Size		22			37		9	1		69
Percent		16.3			27.4		6.7	0.7		51.1
Std. Error		3.2			3.8		2.1	0.7		4.3
Number		1,732			2,912		708	79		5,431
Female										
Sample Size		26			26		13	1		66
Percent		19.3			19.3		9.6	0.7		48.9
Std. Error		3.4			3.4		2.5	0.7		4.3
Number		2,046			2,046		1,023	79		5,195
All Fish										
Sample Size		67			107		37	3		214
Percent		31.3			50.0		17.3	1.4		100.0
Std. Error		3.2			3.4		2.6	0.8		
Number		5,273			8,422		2,912	236		16,843
Statistical Week 33 (August 7 - 13)										
Male										
Sample Size		21			26		3			50
Percent		29.6			36.6		4.2			70.4
Std. Error		5.4			5.7		2.4			5.4
Number		2,994			3,707		428			7,129
Female										
Sample Size		10			11					21
Percent		14.1			15.5					29.6
Std. Error		4.2			4.3					5.4
Number		1,426			1,568					2,994
All Fish										
Sample Size		57			81		16			154
Percent		37.0			52.6		10.4			100.0
Std. Error		3.9			4.0		2.5			
Number		8,127			11,549		2,281			21,957

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	Brood Year and Age Class									
	1986	1985		1984			1983	1982	1981	
	1.0	1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 104 (cont.)										
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		17			28		3	1		49
Percent		34.7			57.1		6.1	2.0		100.0
Std. Error		6.9			7.1		3.5	2.0		
Number		3,689			6,077		651	217		10,634
Statistical Week 35 (August 21 - 27)										
All Fish										
Sample Size		8		1	27		9	4		49
Percent		16.3		2.0	55.1		18.4	8.2		100.0
Std. Error		5.3		2.0	7.2		5.6	3.9		
Number		2,797		350	9,441		3,147	1,399		17,134
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size		3			10		5	2		20
Percent		15.0			50.0		25.0	10.0		100.0
Std. Error		8.2			11.5		9.9	6.9		
Number		925			3,084		1,542	617		6,167
Combined Periods (Percentages are weighted by period catches)										
Male										
Sample Size		47	1		80		16	1		145
Percent		17.9	0.6		32.4		6.2	0.3		57.4
Std. Error		1.6	0.2		1.8		0.9	0.1		1.8
Number		5,529	196		9,988		1,919	79		17,711
Female										
Sample Size		46			47		18	1		112
Percent		17.7			18.1		6.5	0.3		42.6
Std. Error		1.4			1.5		0.7	0.1		1.8
Number		5,471			5,593		2,002	79		13,145
All Fish										
Sample Size		173	1	1	296		84	10		565
Percent		28.4	0.2	0.4	53.1		14.9	2.9		100.0
Std. Error		2.1	0.2	0.4	2.4		1.7	1.0		
Number		24,260	196	350	45,394		12,756	2,469		85,424
District 109										
Statistical Week 32 (July 31 - August 6)										
Male										
Sample Size		6	1		17		1			25
Percent		16.2	2.7		45.9		2.7			67.6
Std. Error		4.3	1.9		5.9		1.9			5.5
Number		12	2		34		2			50
Female										
Sample Size		5			7					12
Percent		13.5			18.9					32.4
Std. Error		4.0			4.6					5.5
Number		10			14					24
All Fish										
Sample Size		11	1		24		1			37
Percent		29.7	2.7		64.9		2.7			100.0
Std. Error		5.4	1.9		5.6		1.9			
Number		22	2		48		2			74

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	Brood Year and Age Class									
	1986	1985		1984			1983	1982	1981	
	1.0	1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 109 (cont.)										
Statistical Week 35 (August 21 - 27)										
Male										
Sample Size		1			8					9
Percent		5.9			47.1					52.9
Std. Error		5.9			12.4					12.4
Number		167			1,339					1,506
Female										
Sample Size		4			4					8
Percent		23.5			23.5					47.1
Std. Error		10.6			10.6					12.4
Number		669			669					1,339
All Fish										
Sample Size		5			12					17
Percent		29.4			70.6					100.0
Std. Error		11.4			11.4					
Number		837			2,008					2,845
Statistical Week 35 (August 21 - 27)										
Male										
Sample Size		1			8					9
Percent		5.9			47.1					52.9
Std. Error		5.9			12.4					12.4
Number		167			1,339					1,506
Female										
Sample Size		4			4					8
Percent		23.5			23.5					47.1
Std. Error		10.6			10.6					12.4
Number		669			669					1,339
All Fish										
Sample Size		5			12					17
Percent		29.4			70.6					100.0
Std. Error		11.4			11.4					
Number		837			2,008					2,845
Statistical Week 36 (August 28 - Sept. 3)										
Male										
Sample Size		3	2		18	1	4			28
Percent		5.0	3.3		30.0	1.7	6.7			46.7
Std. Error		2.8	2.3		5.9	1.7	3.2			6.4
Number		152	102		914	51	203			1,421
Female										
Sample Size		9			19	1	3			32
Percent		15.0			31.7	1.7	5.0			53.3
Std. Error		4.6			6.0	1.7	2.8			6.4
Number		457			964	51	152			1,624
All Fish										
Sample Size		12	2		37	2	7			60
Percent		20.0	3.3		61.7	3.3	11.7			100.0
Std. Error		5.2	2.3		6.3	2.3	4.1			
Number		609	102		1,878	102	355			3,045
Combined Periods (Percentages are weighted by period catches)										
Male										
Sample Size		10	3		43	1	5			62
Percent		5.6	1.7		38.3	0.9	3.4			49.9
Std. Error		3.1	1.2		6.7	0.8	1.6			6.8
Number		332	104		2,286	51	205			2,977
Female										
Sample Size		18			30	1	3			52
Percent		19.1			27.6	0.9	2.6			50.1
Std. Error		5.6			5.9	0.8	1.4			6.8
Number		1,136			1,648	51	152			2,987
All Fish										
Sample Size		28	3		73	2	8			114
Percent		24.6	1.7		66.0	1.7	6.0			100.0
Std. Error		6.0	1.2		6.3	1.2	2.1			
Number		1,468	104		3,934	102	357			5,964

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	Brood Year and Age Class									
	1986	1985		1984			1983	1982	1981	
	1.0	1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 112										
Statistical Week 30 (July 17 - 23)										
All Fish										
Sample Size		1			4					5
Percent		20.0			80.0					100.0
Std. Error		19.8			19.8					
Number		49			198					247
Statistical Week 36 (August 28 - Sept. 3)										
Male										
Sample Size		8	2		18					28
Percent		18.6	4.7		41.9					65.1
Std. Error		6.0	3.2		7.6					7.3
Number		164	41		369					574
Female										
Sample Size		6			6		3			15
Percent		14.0			14.0		7.0			34.9
Std. Error		5.3			5.3		3.9			7.3
Number		123			123		61			307
All Fish										
Sample Size		34	2		100	1	13	1		151
Percent		22.5	1.3		66.2	0.7	8.6	0.7		100.0
Std. Error		3.3	0.9		3.8	0.6	2.2	0.6		
Number		697	41		2,049	20	266	20		3,094
Combined Periods (Percentages are weighted by period catches)										
Male										
Sample Size		8	2		18					28
Percent		18.6	4.7		41.9					65.1
Std. Error		5.5	3.0		7.0					6.8
Number		164	41		369					574
Female										
Sample Size		6			6		3			15
Percent		14.0			14.0		7.0			34.9
Std. Error		4.9			4.9		3.6			6.8
Number		123			123		61			307
All Fish										
Sample Size		35	2		104	1	13	1		156
Percent		22.3	1.2		67.2	0.6	8.0	0.6		100.0
Std. Error		3.4	0.8		3.8	0.6	2.1	0.6		
Number		746	41		2,247	20	266	20		3,341
District 113										
Statistical Week 29 (July 10 - 16)										
Male										
Sample Size		2			15		4			21
Percent		5.0			37.5		10.0			52.5
Std. Error		3.1			6.8		4.2			7.0
Number		8			62		17			87
Female										
Sample Size		1			7		10	1		19
Percent		2.5			17.5		25.0	2.5		47.5
Std. Error		2.2			5.3		6.1	2.2		7.0
Number		4			29		41	4		79
All Fish										
Sample Size		4			23		14	1		42
Percent		9.5			54.8		33.3	2.4		100.0
Std. Error		4.0			6.8		6.4	2.1		
Number		17			95		58	4		174
Statistical Week 37 (Sept. 4 - 10)										
All Fish										
Sample Size		5			7		3			15
Percent		33.3			46.7		20.0			100.0
Std. Error		10.9			11.5		9.3			
Number		20			28		12			60

-Continued-

	Brood Year and Age Class									
	1986	1985		1984			1983	1982	1981	
	1.0	1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 113 (cont.)										
Combined Periods (Percentages are weighted by period catches)										
Male										
Sample Size		2			15		4			21
Percent		5.0			37.5		10.0			52.5
Std. Error		2.3			5.1		3.1			5.2
Number		8			62		17			87
Female										
Sample Size		1			7		10	1		19
Percent		2.5			17.5		25.0	2.5		47.5
Std. Error		1.6			4.0		4.5	1.6		5.2
Number		4			29		41	4		79
All Fish										
Sample Size		9			30		17	1		57
Percent		15.6			52.7		29.9	1.8		100.0
Std. Error		4.1			5.8		5.3	1.5		
Number		37			123		70	4		234
District 114										
Statistical Week 34 (August 14 - 20)										
All Fish										
Sample Size		6			8		1			15
Percent		40.0			53.3		6.7			100.0
Std. Error		13.0			13.3		6.6			
Number		579			772		97			1,448
Statistical Week 38 (Sept. 11 - 17)										
All Fish										
Sample Size		21			30		10	1		62
Percent		33.9			48.4		16.1	1.6		100.0
Std. Error		5.6			5.9		4.4	1.5		
Number		150			214		71	7		442
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		27			38		10	2		77
Percent		38.6			52.2		3.8	5.5		100.0
Std. Error		10.1			10.3		1.0	5.1		
Number		729			986		71	104		1,890
District 172 [b]										
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size	1	4			16	1	6	1		29
Percent	3.4	13.8			55.2	3.4	20.7	3.4		100.0
Std. Error	3.4	6.5			9.4	3.4	7.6	3.4		
Number	340	1,361			5,443	340	2,041	340		9,866
District 174 [c]										
Statistical Week 33 (August 7 - 13)										
All Fish										
Sample Size		1			6		1			8
Percent		12.5			75.0		12.5			100.0
Std. Error		12.5			16.4		12.5			
Number		572			3,431		572			4,574

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	Brood Year and Age Class									
	1986	1985		1984			1983	1982	1981	
	1.0	1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 174 (cont.)										
Statistical Week 36 (August 28 - Sept. 3)										
All Fish										
Sample Size		15			19		2			36
Percent		41.7			52.8		5.6			100.0
Std. Error		7.9			8.0		3.7			
Number		164			207		22			393
Combined Periods (Percentages are weighted by period catches)										
All Fish										
Sample Size		16			25		3			44
Percent		14.8			73.2		12.0			100.0
Std. Error		11.5			15.1		11.5			
Number		736			3,638		594			4,967

[a] Week 33 and Week 36 combined since Week 36 had only one fish with a readable scale.
[b] Districts 103, 104, 150, and 152.
[c] Districts 109, 110, 111, 112, and 115.

Appendix A.5. Average length (mm) and standard of error for the Southeast Alaska purse seine fishery harvest of coho salmon by district and statistical week, 1988.

		Brood Year and Age Class								
		1985		1984			1983	1982	1981	
		1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 101 [a]										
Statistical Weeks 33 - 36 (August 7 - Sept. 3)										
All Fish	Avg. Length	532			560		612			550
	Std. Error	13.3			41.4		20.5			13.5
	Sample Size	12			4		3			19
District 102										
Statistical Week 33 (August 7 - 13)										
All Fish	Avg. Length	589			460		605			570
	Std. Error	25.9					27.6			
	Sample Size	4			1		1			6
Statistical Week 34 (August 14 - 20)										
All Fish	Avg. Length				603		565			592
	Std. Error				7.2		15.0			9.2
	Sample Size				5		2			7
Statistical Week 35 (August 21 - 27)										
All Fish	Avg. Length	596			618		649			615
	Std. Error	10.3			7.8		1.9			6.0
	Sample Size	14			32		5			51
Statistical Week 36 (August 28 - Sept. 3)										
Male	Avg. Length				600					600
	Std. Error									
	Sample Size				1					1
Female	Avg. Length					370				370
	Std. Error									
	Sample Size					1				1
All Fish	Avg. Length	530			603	370				578
	Std. Error	20.0			13.1					19.4
	Sample Size	2			12	1				15

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		Brood Year and Age Class								
		1985		1984			1983	1982	1981	
		1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 102 (cont.)										
Statistical Week 37 (Sept. 4 - 10)										
Male	Avg. Length	593			606					602
	Std. Error	7.5			14.4					10.4
	Sample Size	2			5					7
Female	Avg. Length	590			595					594
	Std. Error				23.5					19.2
	Sample Size	1			5					6
All Fish	Avg. Length	592			601					598
	Std. Error	4.4			13.1					10.1
	Sample Size	3			10					13
Statistical Week 38 (Sept. 11 - 17)										
Male	Avg. Length				673					673
	Std. Error				2.5					2.5
	Sample Size				2					2
Female	Avg. Length				627		665			638
	Std. Error				11.0		25.0			11.7
	Sample Size				5		2			7
All Fish	Avg. Length	560			627		665			628
	Std. Error				21.4		25.0			17.8
	Sample Size	1			9		2			12
Combined Periods (Lengths weighted by period catches)										
Male	Avg. Length	593			23					608
	Std. Error	7.5			14.0					11.8
	Sample Size	2			8					10
Female	Avg. Length	590			604	370	665			557
	Std. Error				13.3		25.0			21.0
	Sample Size	1			10	1	2			14
All Fish	Avg. Length	587			571	370	626			605
	Std. Error	8.2			5.9		12.9			5.2
	Sample Size	24			69	1	10			104

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		Brood Year and Age Class								
		1985		1984			1983	1982	1981	
		1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 103										
Statistical Week 35 (August 21 - 27)										
All Fish	Avg. Length	577	420		604				600	584
	Std. Error	17.3			11.9					12.1
	Sample Size	11	1		11				1	24
Statistical Week 36 (August 28 - Sept. 3)										
All Fish	Avg. Length	571			575	440	614	600		579
	Std. Error	23.5			14.1		11.8			10.4
	Sample Size	8			15	1	7	1		32
Combined Periods (Lengths weighted by period catches)										
All Fish	Avg. Length	575	420		594	440	614	600	600	542
	Std. Error	13.7			9.8		11.8			7.8
	Sample Size	19	1		26	1	7	1	1	56
District 104										
Statistical Week 28 (July 3 - 9)										
All Fish	Avg. Length	594			568		572			576
	Std. Error	14.7			13.3		19.3			9.0
	Sample Size	7			15		5			27
Statistical Week 29 (July 10 - 16)										
Male	Avg. Length	573	365		594		567			577
	Std. Error	26.7			15.0		20.9			15.0
	Sample Size	3	1		15		3			22
Female	Avg. Length	567			551		559			558
	Std. Error	17.3			24.4		35.3			13.6
	Sample Size	8			9		5			22
All Fish	Avg. Length	569	365		578		562			568
	Std. Error	13.9			13.5		22.2			10.1
	Sample Size	11	1		24		8			44

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		Brood Year and Age Class								
		1985		1984			1983	1982	1981	
		1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 104 (cont.)										
Statistical Week 31 (July 24 - 30)										
Male	Avg. Length	570			573					572
	Std. Error				32.5					18.8
	Sample Size	1			2					3
Female	Avg. Length	593			540					575
	Std. Error	7.5								18.0
	Sample Size	2			1					3
All Fish	Avg. Length	585			562					573
	Std. Error	8.7			21.7					11.7
	Sample Size	3			3					6
Statistical Week 32 (July 31 - August 6)										
Male	Avg. Length	595			613		610			607
	Std. Error	7.5			11.0		25.2			7.2
	Sample Size	11			18		5			34
Female	Avg. Length	575			588		584			583
	Std. Error	9.3			10.5		33.5			7.0
	Sample Size	9			13		2			24
All Fish	Avg. Length	585			610		608	625		603
	Std. Error	6.1			5.3		10.3			3.8
	Sample Size	39			74		22	1		136
Statistical Week 33 (August 7 - 13)										
Male	Avg. Length	601			610					608
	Std. Error	18.2			11.6					9.5
	Sample Size	5			12					17
Female	Avg. Length	598			613					604
	Std. Error	29.7			13.8					18.0
	Sample Size	6			4					10
All Fish	Avg. Length	599			608		615			606
	Std. Error	9.3			8.6		14.1			6.0
	Sample Size	27			48		7			82

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		Brood Year and Age Class								
		1985		1984			1983	1982	1981	
		1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 104 (cont.)										
Statistical Week 34 (August 14 - 20)										
All Fish	Avg. Length	605			626		568			611
	Std. Error	11.2			21.3		117.5			14.7
	Sample Size	8			9		2			19
Statistical Week 35 (August 21 - 27)										
All Fish	Avg. Length	624		730	656		657	658		653
	Std. Error	14.7			10.7		14.5	7.5		7.2
	Sample Size	8		1	27		9	4		49
Statistical Week 36 (August 28 - Sept. 3)										
All Fish	Avg. Length	598			651		660	613		642
	Std. Error	13.0			11.5		27.2	22.5		10.1
	Sample Size	3			10		5	2		20
Combined Periods (Lengths weighted by period catches)										
Male	Avg. Length	593	365		608		595			344
	Std. Error	7.1			7.1		18.3			6.0
	Sample Size	20	1		47		8			76
Female	Avg. Length	584			591		575			336
	Std. Error	9.4			10.4		25.9			6.8
	Sample Size	25			27		7			59
All Fish	Avg. Length	598	365	730	618		613	637		612
	Std. Error	4.1			4.0		8.0	10.5		2.9
	Sample Size	106	1	1	210		58	7		383

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		Brood Year and Age Class								
		1985		1984			1983	1982	1981	
		1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 109										
Statistical Week 32 (July 31 - August 6)										
Male	Avg. Length	581	272		566		582			558
	Std. Error	22.5			16.0					16.9
	Sample Size	6	1		17		1			25
Female	Avg. Length	532			545					540
	Std. Error	36.2			30.9					22.5
	Sample Size	5			7					12
All Fish	Avg. Length	559	272		560		582			552
	Std. Error	20.9			14.3					13.5
	Sample Size	11	1		24		1			37
Statistical Week 35 (August 21 - 27)										
Male	Avg. Length	648			583					591
	Std. Error				17.8					17.2
	Sample Size	1			8					9
Female	Avg. Length	580			638					609
	Std. Error	8.5			27.6					17.3
	Sample Size	4			4					8
All Fish	Avg. Length	593			602					599
	Std. Error	15.2			16.2					12.1
	Sample Size	5			12					17
Statistical Week 36 (August 28 - Sept. 3)										
Male	Avg. Length	565	357		624	325	578			581
	Std. Error	39.0	15.0		12.6		68.6			20.4
	Sample Size	3	2		18	1	4			28
Female	Avg. Length	616			615	368	659			612
	Std. Error	15.6			8.7		16.0			10.6
	Sample Size	9			19	1	3			32
All Fish	Avg. Length	603	357		619	347	613			598
	Std. Error	15.7	15.0		7.5	21.5	40.6			11.1
	Sample Size	12	2		37	2	7			60

-Continued-

		Brood Year and Age Class								
		1985		1984			1983	1982	1981	
		1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 109 (cont.)										
Combined Periods (Lengths weighted by period catches)										
Male	Avg. Length	605	355		604	325	578			586
	Std. Error	18.1	29.6		9.6		53.2			11.7
	Sample Size	10	3		43	1	5			62
Female	Avg. Length	598			625	368	659			609
	Std. Error	14.9			11.0		16.0			9.6
	Sample Size	18			30	1	3			52
All Fish	Avg. Length	598	355		610	347	612			598
	Std. Error	11.3	29.6		7.2	21.5	35.4			7.7
	Sample Size	28	3		73	2	8			114
		1.1	2.0		2.1		3.1	4.1	Total	
District 112										
Statistical Week 36 (August 28 - Sept. 3)										
Male	Avg. Length	608	318		593					578
	Std. Error	21.0	13.0		10.9					16.6
	Sample Size	8	2		18					28
Female	Avg. Length	573			627		645			609
	Std. Error	20.6			5.3		12.2			11.6
	Sample Size	6			6		3			15
All Fish	Avg. Length	590	318		603		645	660		595
	Std. Error	12.8	13.0		6.1		12.2			7.2
	Sample Size	21	2		57		3	1		84
Combined Periods (Lengths weighted by period catches)										
Male	Avg. Length	608	318		593					535
	Std. Error	21.0	13.0		10.9					16.6
	Sample Size	8	2		18					28
Female	Avg. Length	573			627		645			564
	Std. Error	20.6			5.3		12.2			11.6
	Sample Size	6			6		3			15
All Fish	Avg. Length	590	318		603		645	660		551
	Std. Error	12.8	13.0		6.1		12.2			7.2
	Sample Size	21	2		57		3	1		84

-Continued-

		Brood Year and Age Class								
		1985		1984			1983	1982	1981	
		1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 113										
Statistical Week 29 (July 10 - 16)										
Male	Avg. Length	565			587		631			596
	Std. Error				10.5		5.2			8.9
	Sample Size	1			13		4			18
Female	Avg. Length	615			622		637			629
	Std. Error				22.1		8.6			9.7
	Sample Size	1			6		8			15
All Fish	Avg. Length	593			598		635			610
	Std. Error	14.8			9.8		5.8			6.7
	Sample Size	3			20		12			35
Statistical Week 37 (Sept. 4 - 10)										
All Fish	Avg. Length	626			609		532			599
	Std. Error	14.0			12.8		56.7			15.1
	Sample Size	5			7		3			15
Combined Periods (Lengths weighted by period catches)										
Male	Avg. Length	565			587		631			443
	Std. Error				10.5		5.2			8.9
	Sample Size	1			13		4			18
Female	Avg. Length	615			622		637			468
	Std. Error				22.1		8.6			9.7
	Sample Size	1			6		8			15
All Fish	Avg. Length	602			601		609			607
	Std. Error	11.4			7.9		15.3			6.5
	Sample Size	8			27		15			50
District 114										
Statistical Week 38 (Sept. 11 - 17)										
All Fish	Avg. Length	592			668		648			637
	Std. Error	26.9			7.8		42.5			14.3
	Sample Size	6			8		2			16

-Continued-

Appendix A.5. (page 9 of 9)

		Brood Year and Age Class								
		1985		1984			1983	1982	1981	
		1.1	2.0	1.2	2.1	3.0	3.1	4.1	5.1	Total
District 172 [b]										
Statistical Week 36 (August 28 - Sept. 3)										
All Fish	Avg. Length	605			670					651
	Std. Error	40.0			15.1					18.1
	Sample Size	2			5					7
District 174 [c]										
Statistical Week 33 (August 7 - 13)										
All Fish	Avg. Length	600			611		580			606
	Std. Error				37.8					28.0
	Sample Size	1			6		1			8

[a] Week 33 and Week 36 and Week 36 combined since Week 36 had only one fish with an ageable scale.
[b] Districts 103, 104, 150, and 152.
[c] Districts 109, 110, 111, 112, and 115.

Appendix A.6. Age composition of coho salmon in the Southeast Alaska drift gill net fishery by district, sex, age class, and statistical week, 1988.

	Brood Year and Age Class					
	1985	1985	1984	1983	1982	
	1.1	2.0	2.1	3.1	4.1	Total
District 101						
Statistical Week	28	(July 3 - 9)				
All Fish						
Sample Size	10		18			28
Percent	35.7		64.3			100.0
Std. Error	9.0		9.0			
Number	241		435			676
Statistical Week	31	(July 24 - 30)				
Male						
Sample Size	16		22	2		40
Percent	25.8		35.5	3.2		64.5
Std. Error	5.1		5.6	2.1		5.6
Number	66		91	8		165
Female						
Sample Size	8		12	2		22
Percent	12.9		19.4	3.2		35.5
Std. Error	3.9		4.6	2.1		5.6
Number	33		50	8		91
All Fish						
Sample Size	32		54	4		90
Percent	35.6		60.0	4.4		100.0
Std. Error	4.4		4.5	1.9		
Number	132		223	17		372
Statistical Week	32	(July 31 - August 6)				
Male						
Sample Size	6		8	1		15
Percent	24.0		32.0	4.0		60.0
Std. Error	8.6		9.4	3.9		9.9
Number	93		124	16		233
Female						
Sample Size	3		5	2		10
Percent	12.0		20.0	8.0		40.0
Std. Error	6.5		8.0	5.5		9.9
Number	47		78	31		155
All Fish						
Sample Size	25		27	3		55
Percent	45.5		49.1	5.5		100.0
Std. Error	6.6		6.6	3.0		
Number	388		419	47		854

-Continued-

Appendix A.6. (page 2 of 9)

	Brood Year and Age Class					
	1985	1985	1984	1983	1982	
	1.1	2.0	2.1	3.1	4.1	Total
District 101 (cont.)						
Statistical Week	33	(August 7 - 13)				
Male						
Sample Size	10		15	8	1	34
Percent	16.4		24.6	13.1	1.6	55.7
Std. Error	4.7		5.5	4.3	1.6	6.3
Number	261		392	209	26	888
Female						
Sample Size	13		10	4		27
Percent	21.3		16.4	6.6		44.3
Std. Error	5.2		4.7	3.1		6.3
Number	340		261	105		706
All Fish						
Sample Size	23		25	12	1	61
Percent	37.7		41.0	19.7	1.6	100.0
Std. Error	6.1		6.2	5.0	1.6	
Number	601		653	314	26	1,594
Statistical Week	36	(August 28 - Sept. 3)				
All Fish						
Sample Size	16		14	2		32
Percent	50.0		43.8	6.3		100.0
Std. Error	8.9		8.9	4.3		
Number	1,677		1,467	210		3,354
Statistical Week	37	(Sept. 4 - 10)				
Male						
Sample Size	7		12	3		22
Percent	16.7		28.6	7.1		52.4
Std. Error	5.8		7.0	4.0		7.8
Number	616		1,055	264		1,935
Female						
Sample Size	7		11	2		20
Percent	16.7		26.2	4.8		47.6
Std. Error	5.8		6.8	3.3		7.8
Number	616		967	176		1,759
All Fish						
Sample Size	14		23	5		42
Percent	33.3		54.8	11.9		100.0
Std. Error	7.3		7.7	5.0		
Number	1,231		2,023	440		3,694

-Continued-

	Brood Year and Age Class					
	1985	1985	1984	1983	1982	
	1.1	2.0	2.1	3.1	4.1	Total
District 101 (cont.)						
Combined Periods (Percentages are weighted by period catches)						
Male						
Sample Size	39		57	14	1	111
Percent	17.5		28.0	8.4	0.4	54.3
Std. Error	2.3		2.7	1.6	0.2	3.0
Number	1,036		1,663	497	26	3,222
Female						
Sample Size	31		38	10		79
Percent	17.4		22.9	5.4		45.7
Std. Error	2.2		2.6	1.3		3.0
Number	1,035		1,356	320		2,711
All Fish						
Sample Size	120		161	26	1	308
Percent	40.5		49.5	9.7	0.2	100.0
Std. Error	4.0		4.1	2.4	0.2	
Number	4,271		5,221	1,026	26	10,544
District 102						
Statistical Week	35	(August 21 - 27)				
All Fish						
Sample Size			4			4
Percent			100.0			100.0
Std. Error						
Number			109			109
District 106						
Statistical Week	31	(July 24 - 30)				
All Fish						
Sample Size	23		42	3		68
Percent	33.8		61.8	4.4		100.0
Std. Error	5.6		5.8	2.4		
Number	438		799	57		1,294
Statistical Week	32	(July 31 - August 6)				
Male						
Sample Size	13		14		1	28
Percent	21.0		22.6		1.6	45.2
Std. Error	5.1		5.3		1.6	6.3
Number	388		418		30	836
Female						
Sample Size	18		15	1		34
Percent	29.0		24.2	1.6		54.8
Std. Error	5.7		5.4	1.6		6.3
Number	537		448	30		1,015
All Fish						
Sample Size	31		29	1	1	62
Percent	50.0		46.8	1.6	1.6	100.0
Std. Error	6.3		6.3	1.6	1.6	
Number	926		866	30	30	1,851

-Continued-

	Brood Year and Age Class					
	1985	1985	1984	1983	1982	
	1.1	2.0	2.1	3.1	4.1	Total
District 106 (cont.)						
Statistical Week	36	(August 28 - Sept. 3)				
Male						
Sample Size	7		9	2		18
Percent	17.9		23.1	5.1		46.2
Std. Error	6.1		6.7	3.5		8.0
Number	270		348	77		695
Female						
Sample Size	11		4	5	1	21
Percent	28.2		10.3	12.8	2.6	53.8
Std. Error	7.2		4.9	5.4	2.5	8.0
Number	425		154	193	39	811
All Fish						
Sample Size	18		13	7	1	39
Percent	46.2		33.3	17.9	2.6	100.0
Std. Error	8.0		7.5	6.1	2.5	
Number	695		502	270	39	1,506
Combined Periods	(Percentages are weighted by period catches)					
Male						
Sample Size	20		23	2	1	46
Percent	19.6		22.8	2.3	0.9	45.6
Std. Error	2.8		3.0	1.1	0.6	3.6
Number	658		766	77	30	1,531
Female						
Sample Size	29		19	6	1	55
Percent	28.7		17.9	6.6	1.2	54.4
Std. Error	3.3		2.7	1.8	0.8	3.6
Number	962		602	223	39	1,826
All Fish						
Sample Size	72		84	11	2	169
Percent	44.3		46.6	7.7	1.5	100.0
Std. Error	3.9		3.8	2.2	1.0	
Number	2,058		2,167	357	68	4,651
District 111						
Statistical Week	34	(August 14 - 20)				
Male						
Sample Size	22		18	2		42
Percent	39.3		32.1	3.6		75.0
Std. Error	6.5		6.3	2.5		5.8
Number	1,582		1,294	144		3,020
Female						
Sample Size	12		2			14
Percent	21.4		3.6			25.0
Std. Error	5.5		2.5			5.8
Number	863		144			1,007
All Fish						
Sample Size	34		20	2		56
Percent	60.7		35.7	3.6		100.0
Std. Error	6.5		6.4	2.5		
Number	2,444		1,438	144		4,026

-Continued-

	Brood Year and Age Class					
	1985	1985	1984	1983	1982	
	1.1	2.0	2.1	3.1	4.1	Total
District 111 (cont.)						
Statistical Week 35 (August 21 - 27)						
Male						
Sample Size	28		22	2		52
Percent	34.1		26.8	2.4		63.4
Std. Error	5.2		4.9	1.7		5.3
Number	1,948		1,530	139		3,617
Female						
Sample Size	8		22			30
Percent	9.8		26.8			36.6
Std. Error	3.3		4.9			5.3
Number	556		1,530			2,087
All Fish						
Sample Size	36		44	2		82
Percent	43.9		53.7	2.4		100.0
Std. Error	5.5		5.5	1.7		
Number	2,504		3,061	139		5,704
Statistical Week 36 (August 28 - Sept. 3)						
Male						
Sample Size	30		18	2		50
Percent	44.1		26.5	2.9		73.5
Std. Error	6.1		5.4	2.1		5.4
Number	5,972		3,583	398		9,953
Female						
Sample Size	12		6			18
Percent	17.6		8.8			26.5
Std. Error	4.6		3.5			5.4
Number	2,389		1,194			3,583
All Fish						
Sample Size	42		24	2		68
Percent	61.8		35.3	2.9		100.0
Std. Error	5.9		5.8	2.1		
Number	8,360		4,777	398		13,536
Statistical Week 37 (Sept. 4 - 10)						
Male						
Sample Size	24		26			50
Percent	26.1		28.3			54.3
Std. Error	4.6		4.7			5.2
Number	3,750		4,063			7,813
Female						
Sample Size	20		22			42
Percent	21.7		23.9			45.7
Std. Error	4.3		4.5			5.2
Number	3,125		3,438			6,563
All Fish						
Sample Size	44		48			92
Percent	47.8		52.2			100.0
Std. Error	5.2		5.2			
Number	6,875		7,501			14,376

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	Brood Year and Age Class					
	1985	1985	1984	1983	1982	
	1.1	2.0	2.1	3.1	4.1	Total
District 111 (cont.)						
Combined Periods (Percentages are weighted by period catches)						
Male						
Sample Size	104		84	6		194
Percent	35.2		27.8	1.8		64.8
Std. Error	3.0		2.8	0.8		3.0
Number	13,251		10,470	681		24,403
Female						
Sample Size	52		52			104
Percent	18.4		16.8			35.2
Std. Error	2.5		2.2			3.0
Number	6,933		6,306			13,239
All Fish						
Sample Size	156		136	6		298
Percent	53.6		44.6	1.8		100.0
Std. Error	3.1		3.1	0.8		
Number	20,185		16,776	681		37,642
District 115						
Statistical Week 29 (July 10 - 16)						
Male						
Sample Size	1		1			2
Percent	25.0		25.0			50.0
Std. Error	24.9		24.9			28.7
Number	11		11			22
Female						
Sample Size			2			2
Percent			50.0			50.0
Std. Error			28.7			28.7
Number			22			22
All Fish						
Sample Size	11		24	1		36
Percent	30.6		66.7	2.8		100.0
Std. Error	7.4		7.6	2.6		
Number	121		263	11		395
Statistical Week 30 (July 17 - 23)						
All Fish						
Sample Size	4		3			7
Percent	57.1		42.9			100.0
Std. Error	19.4		19.4			
Number	53		40			93

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	Brood Year and Age Class					
	1985	1985	1984	1983	1982	
	1.1	2.0	2.1	3.1	4.1	Total
District 115 (cont.)						
Statistical Week 32 (July 31 - August 6)						
Male						
Sample Size	1			1		2
Percent	16.7			16.7		33.3
Std. Error	16.5			16.5		20.9
Number	17			17		33
Female						
Sample Size	1		3			4
Percent	16.7		50.0			66.7
Std. Error	16.5		22.2			20.9
Number	17		50			66
All Fish						
Sample Size	7		11	1	1	20
Percent	35.0		55.0	5.0	5.0	100.0
Std. Error	10.6		11.1	4.8	4.8	
Number	116		182	17	17	331
Statistical Week 33 (August 7 - 13)						
Male						
Sample Size	10	1	7	2		20
Percent	40.0	4.0	28.0	8.0		80.0
Std. Error	9.9	4.0	9.1	5.5		8.1
Number	216	22	152	43		433
Female						
Sample Size			4	1		5
Percent			16.0	4.0		20.0
Std. Error			7.4	4.0		8.1
Number			87	22		108
All Fish						
Sample Size	21	1	25	4		51
Percent	41.2	2.0	49.0	7.8		100.0
Std. Error	6.8	1.9	6.9	3.7		
Number	455	22	541	87		1,104
Statistical Week 34 (August 14 - 20)						
All Fish						
Sample Size	11		16	6		33
Percent	33.3		48.5	18.2		100.0
Std. Error	8.2		8.7	6.7		
Number	341		496	186		1,023
Statistical Week 35 (August 21 - 27)						
All Fish						
Sample Size	24	1	51	10	1	87
Percent	27.6	1.1	58.6	11.5	1.1	100.0
Std. Error	4.8	1.1	5.3	3.4	1.1	
Number	1,484	62	3,153	618	62	5,379

-Continued-

	Brood Year and Age Class					
	1985	1985	1984	1983	1982	
	1.1	2.0	2.1	3.1	4.1	Total
District 115 (cont.)						
Statistical Week	36	(August 28 - Sept. 3)				
Male						
Sample Size	3		13	2		18
Percent	10.3		44.8	6.9		62.1
Std. Error	5.8		9.4	4.8		9.2
Number	233		1,012	156		1,401
Female						
Sample Size	4		7			11
Percent	13.8		24.1			37.9
Std. Error	6.5		8.1			9.2
Number	311		545			856
All Fish						
Sample Size	66		134	26	1	227
Percent	29.1		59.0	11.5	0.4	100.0
Std. Error	3.0		3.3	2.1	0.4	
Number	5,136		10,428	2,023	78	17,666
Statistical Week	37	(Sept. 4 - 10)				
Male						
Sample Size	6		15	1		22
Percent	14.0		34.9	2.3		51.2
Std. Error	5.3		7.3	2.3		7.7
Number	1,050		2,626	175		3,852
Female						
Sample Size	8		13			21
Percent	18.6		30.2			48.8
Std. Error	6.0		7.1			7.7
Number	1,401		2,276			3,676
All Fish						
Sample Size	25		68	6	2	101
Percent	24.8		67.3	5.9	2.0	100.0
Std. Error	4.3		4.7	2.4	1.4	
Number	4,377		11,905	1,050	350	17,682
Statistical Week	38	(Sept. 11 - 17)				
All Fish						
Sample Size	21		31	15		67
Percent	31.3		46.3	22.4		100.0
Std. Error	5.7		6.1	5.1		
Number	6,072		8,963	4,337		19,372
Statistical Week	39	(Sept. 18 - 24)				
All Fish						
Sample Size	22		25	7		54
Percent	40.7		46.3	13.0		100.0
Std. Error	6.7		6.8	4.6		
Number	5,325		6,051	1,694		13,070

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	Brood Year and Age Class					
	1985	1985	1984	1983	1982	
	1.1	2.0	2.1	3.1	4.1	Total
District 115 (cont.)						
Combined Periods (Percentages are weighted by period catches)						
Male						
Sample Size	21	1	36	6		64
Percent	14.6	0.2	36.3	3.7		54.8
Std. Error	1.8	0.1	2.8	1.2		2.8
Number	1,528	22	3,800	391		5,740
Female						
Sample Size	13		29	1		43
Percent	16.5		28.5	0.2		45.2
Std. Error	2.1		2.5	0.1		2.8
Number	1,728		2,979	22		4,729
All Fish						
Sample Size	212	2	388	76	5	683
Percent	30.8	0.1	55.2	13.2	0.7	100.0
Std. Error	2.3	0.1	2.4	1.7	0.3	
Number	23,479	83	42,023	10,023	506	76,115

Appendix A.7. Average length (mm) and standard error of coho salmon caught in the Southeast Alaska drift gill net fishery by district, sex, age class and statistical week, 1988.

		Brood Year and Age Class					
		1985	1985	1984	1983	1982	
		1.1	2.0	2.1	3.1	4.1	Total
District 101							
Statistical Week 28 (July 3 - 9)							
All Fish	Avg. Length	536		601			578
	Std. Error	11.0		7.7			8.7
	Sample Size	10		18			28
Statistical Week 31 (July 24 - 30)							
Male	Avg. Length	594		574	636		585
	Std. Error	9.8		7.8			6.2
	Sample Size	16		22	2		40
Female	Avg. Length	569		543	571		555
	Std. Error	14.2		12.8			8.9
	Sample Size	8		12	2		22
All Fish	Avg. Length	580		571	604		576
	Std. Error	8.0		5.5	18.8		4.4
	Sample Size	32		54	4		90
Statistical Week 32 (July 31 - August 6)							
Male	Avg. Length	528		577	581		558
	Std. Error	31.0		16.5			15.9
	Sample Size	6		8	1		15
Female	Avg. Length	507		549	610		549
	Std. Error	2.3		18.6	15.0		14.9
	Sample Size	3		5	2		10
All Fish	Avg. Length	550		585	600		570
	Std. Error	12.9		7.7	13.0		7.4
	Sample Size	25		27	3		55
Statistical Week 33 (August 7 - 13)							
Male	Avg. Length	558		597	599	591	586
	Std. Error	18.7		12.6	14.2		8.8
	Sample Size	10		15	8	1	34
Female	Avg. Length	536		558	590		552
	Std. Error	6.5		21.2	24.5		9.5
	Sample Size	13		10	4		27
All Fish	Avg. Length	546		581	596	591	571
	Std. Error	8.9		11.8	11.9		6.8
	Sample Size	23		25	12	1	61
Statistical Week 36 (August 28 - Sept. 3)							
All Fish	Avg. Length	621		649	655		636
	Std. Error	9.8		12.4			7.6
	Sample Size	16		14	2		32

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Appendix A.7. (page 2 of 6)

		Brood Year and Age Class					
		1985	1985	1984	1983	1982	
		1.1	2.0	2.1	3.1	4.1	Total
District 101 (cont.)							
Statistical Week 37 (Sept. 4 - 10)							
Male	Avg. Length	628		648	654		642
	Std. Error	6.9		12.8	9.5		7.5
	Sample Size	7		12	3		22
Female	Avg. Length	638		635	663		638
	Std. Error	13.5		13.7	7.5		8.9
	Sample Size	7		11	2		20
All Fish	Avg. Length	633		641	657		641
	Std. Error	7.4		9.2	6.1		5.7
	Sample Size	14		23	5		42
Combined Periods (Lengths weighted by period catches)							
Male	Avg. Length	596		622	630	591	379
	Std. Error	9.2		6.7	10.6		5.0
	Sample Size	39		57	14	1	111
Female	Avg. Length	592		599	633		371
	Std. Error	9.5		10.2	14.0		6.5
	Sample Size	31		38	10		79
All Fish	Avg. Length	601		625	640	591	616
	Std. Error	5.2		4.1	8.1		3.1
	Sample Size	120		161	26	1	308
District 102							
Statistical Week 35 (August 21 - 27)							
All Fish	Avg. Length			603			603
	Std. Error			30.7			30.7
	Sample Size			4			4
District 106							
Statistical Week 31 (July 24 - 30)							
All Fish	Avg. Length	582		589	554		585
	Std. Error	11.2		7.3	23.6		6.0
	Sample Size	23		42	3		68
Statistical Week 32 (July 31 - August 6)							
Male	Avg. Length	606		598		628	603
	Std. Error	7.9		12.8			7.3
	Sample Size	13		14		1	28
Female	Avg. Length	591		604	567		596
	Std. Error	16.4		14.0			10.6
	Sample Size	18		15	1		34
All Fish	Avg. Length	597		601	567	628	599
	Std. Error	10.0		9.3			6.6
	Sample Size	31		29	1	1	62

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		Brood Year and Age Class					
		1985	1985	1984	1983	1982	
		1.1	2.0	2.1	3.1	4.1	Total
District 106 (cont.)							
Statistical Week 36 (August 28 - Sept. 3)							
Male	Avg. Length	649		614	575		623
	Std. Error	14.7		18.2	7.0		11.9
	Sample Size	7		9	2		18
Female	Avg. Length	616		642	628	581	622
	Std. Error	13.5		10.0	15.6		8.5
	Sample Size	11		4	5	1	21
All Fish	Avg. Length	629		622	613	581	622
	Std. Error	10.5		13.2	14.6		7.0
	Sample Size	18		13	7	1	39
Combined Periods (Lengths weighted by period catches)							
Male	Avg. Length	625		605	575	628	442
	Std. Error	8.4		10.4	7.0		6.5
	Sample Size	20		23	2	1	46
Female	Avg. Length	602		621	594	581	439
	Std. Error	11.5		11.7	16.3		7.4
	Sample Size	29		19	6	1	55
All Fish	Avg. Length	603		605	578	607	603
	Std. Error	6.5		5.4	13.5	23.5	3.9
	Sample Size	72		84	11	2	169
District 111							
Statistical Week 34 (August 14 - 20)							
Male	Avg. Length	585		624	600		603
	Std. Error	11.5		10.5			8.0
	Sample Size	22		18	2		42
Female	Avg. Length	580		638			588
	Std. Error	20.0					17.9
	Sample Size	12		2			14
All Fish	Avg. Length	584		625	600		599
	Std. Error	10.1		9.5			7.4
	Sample Size	34		20	2		56
Statistical Week 35 (August 21 - 27)							
Male	Avg. Length	625		618	631		623
	Std. Error	10.4		13.2			7.8
	Sample Size	28		22	2		52
Female	Avg. Length	606		607			607
	Std. Error	13.2		11.9			9.3
	Sample Size	8		22			30
All Fish	Avg. Length	621		613	631		617
	Std. Error	8.6		8.8			6.0
	Sample Size	36		44	2		82

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		Brood Year and Age Class					
		1985	1985	1984	1983	1982	
		1.1	2.0	2.1	3.1	4.1	Total
District 111 (cont.)							
Statistical Week 36 (August 28 - Sept. 3)							
Male	Avg. Length	618		649	674		632
	Std. Error	8.7		9.2			6.6
	Sample Size	30		18	2		50
Female	Avg. Length	645		617			635
	Std. Error	6.4		11.7			6.4
	Sample Size	12		6			18
All Fish	Avg. Length	626		641	674		633
	Std. Error	6.7		7.9			5.1
	Sample Size	42		24	2		68
Statistical Week 37 (Sept. 4 - 10)							
Male	Avg. Length	631		647			639
	Std. Error	9.9		12.9			8.2
	Sample Size	24		26			50
Female	Avg. Length	638		663			651
	Std. Error	10.2		4.5			5.7
	Sample Size	20		22			42
All Fish	Avg. Length	634		654			645
	Std. Error	7.1		7.3			5.2
	Sample Size	44		48			92
Combined Periods (Lengths weighted by period catches)							
Male	Avg. Length	620		641	651		630
	Std. Error	5.2		6.1	13.6		3.9
	Sample Size	104		84	6		194
Female	Avg. Length	629		635			632
	Std. Error	7.3		6.6			4.9
	Sample Size	52		52			104
All Fish	Avg. Length	624		640	651		631
	Std. Error	4.2		4.5	13.6		3.1
	Sample Size	156		136	6		298
District 115							
Statistical Week 29 (July 10 - 16)							
Male	Avg. Length	555		645			600
	Std. Error						45.0
	Sample Size	1		1			2
Female	Avg. Length			600			600
	Std. Error			40.0			40.0
	Sample Size			2			2
All Fish	Avg. Length	563		577	510		569
	Std. Error	19.2		15.7			11.9
	Sample Size	7		15	1		23

-Continued-

		Brood Year and Age Class					
		1985	1985	1984	1983	1982	
		1.1	2.0	2.1	3.1	4.1	Total
District 115 (cont.)							
Statistical Week 30 (July 17 - 23)							
All Fish	Avg. Length	583		578			581
	Std. Error	19.6		10.9			11.3
	Sample Size	4		3			7
Statistical Week 32 (July 31 - August 6)							
Male	Avg. Length	590			450		520
	Std. Error						70.0
	Sample Size	1			1		2
Female	Avg. Length	560		637			618
	Std. Error			8.8			20.2
	Sample Size	1		3			4
All Fish	Avg. Length	614		618	450	657	610
	Std. Error	16.2		21.9			15.6
	Sample Size	7		11	1	1	20
Statistical Week 33 (August 7 - 13)							
Male	Avg. Length	574	476	607	581		581
	Std. Error	14.8		31.0	24.5		14.3
	Sample Size	10	1	7	2		20
Female	Avg. Length			632	573		620
	Std. Error			27.1			24.1
	Sample Size			4	1		5
All Fish	Avg. Length	576	476	602	599		589
	Std. Error	12.8		14.1	23.3		9.2
	Sample Size	21	1	25	4		51
Statistical Week 34 (August 14 - 20)							
All Fish	Avg. Length	615		623	574		612
	Std. Error	19.8		18.0	24.0		11.9
	Sample Size	11		16	6		33
Statistical Week 35 (August 21 - 27)							
All Fish	Avg. Length	654		649	638	637	649
	Std. Error	11.9		6.3	24.2		5.5
	Sample Size	15		36	6	1	58

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		Brood Year and Age Class					
		1985	1985	1984	1983	1982	
		1.1	2.0	2.1	3.1	4.1	Total
District 115 (cont.)							
Statistical Week 36 (August 28 - Sept. 3)							
Male	Avg. Length	604		687	669		670
	Std. Error	9.7		9.7	14.0		10.5
	Sample Size	3		12	2		17
Female	Avg. Length	639		615			624
	Std. Error	12.0		12.7			9.5
	Sample Size	4		7			11
All Fish	Avg. Length	639		655	670		652
	Std. Error	7.8		5.8	10.4		4.5
	Sample Size	25		63	7		95
Statistical Week 37 (Sept. 4 - 10)							
Male	Avg. Length	650		671	592		661
	Std. Error	13.7		7.2			7.1
	Sample Size	6		15	1		22
Female	Avg. Length	613		653			638
	Std. Error	8.0		6.3			6.5
	Sample Size	8		13			21
All Fish	Avg. Length	629		662	592		650
	Std. Error	8.7		5.1			5.1
	Sample Size	14		28	1		43
Statistical Week 38 (Sept. 11 - 17)							
All Fish	Avg. Length	654		667	669		665
	Std. Error	8.9		6.8	9.4		4.7
	Sample Size	13		26	12		51
Statistical Week 39 (Sept. 18 - 24)							
All Fish	Avg. Length	663		670			668
	Std. Error	15.8		10.7			8.7
	Sample Size	6		10			16
Combined Periods (Lengths weighted by period catches)							
Male	Avg. Length	624	476	676	627		323
	Std. Error	10.9		8.9	33.6		8.3
	Sample Size	21	1	35	6		63
Female	Avg. Length	626		634	573		308
	Std. Error	8.3		6.5			5.3
	Sample Size	13		29	1		43
All Fish	Avg. Length	644	476	660	640	638	655
	Std. Error	4.9		3.7	10.6	10.0	2.9
	Sample Size	123	1	233	38	2	397

Appendix A.8. Hugh Smith Lake (Sockeye Creek)(Stream No. 101 30-075) weir counts of non-jack coho salmon, 1988[a].

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug.	4	2	2	0.0041	0.0041
Aug.	5	0	2	0.0000	0.0041
Aug.	6	0	2	0.0000	0.0041
Aug.	7	0	2	0.0000	0.0041
Aug.	8	3	5	0.0062	0.0104
Aug.	9	0	5	0.0000	0.0104
Aug.	10	0	5	0.0000	0.0104
Aug.	11	1	6	0.0021	0.0124
Aug.	12	1	7	0.0021	0.0145
Aug.	13	1	8	0.0021	0.0166
Aug.	14	1	9	0.0021	0.0186
Aug.	15	0	9	0.0000	0.0186
Aug.	16	1	10	0.0021	0.0207
Aug.	17	0	10	0.0000	0.0207
Aug.	18	0	10	0.0000	0.0207
Aug.	19	1	11	0.0021	0.0228
Aug.	20	4	15	0.0083	0.0311
Aug.	21	2	17	0.0041	0.0352
Aug.	22	3	20	0.0062	0.0414
Aug.	23	9	29	0.0186	0.0600
Aug.	24	4	33	0.0083	0.0683
Aug.	25	10	43	0.0207	0.0890
Aug.	26	8	51	0.0166	0.1056
Aug.	27	11	62	0.0228	0.1284
Aug.	28	1	63	0.0021	0.1304
Aug.	29	33	96	0.0683	0.1988
Aug.	30	1	97	0.0021	0.2008
Aug.	31	2	99	0.0041	0.2050
Sept.	1	2	101	0.0041	0.2091
Sept.	2	15	116	0.0311	0.2402
Sept.	3	3	119	0.0062	0.2464
Sept.	4	11	130	0.0228	0.2692
Sept.	5	5	135	0.0104	0.2795
Sept.	6	8	143	0.0166	0.2961
Sept.	7	6	149	0.0124	0.3085
Sept.	8	3	152	0.0062	0.3147
Sept.	9	8	160	0.0166	0.3313
Sept.	10	45	205	0.0932	0.4244
Sept.	11	1	206	0.0021	0.4265
Sept.	12	5	211	0.0104	0.4369
Sept.	13	2	213	0.0041	0.4410
Sept.	14	2	215	0.0041	0.4451
Sept.	15	0	215	0.0000	0.4451
Sept.	16	1	216	0.0021	0.4472
Sept.	17	0	216	0.0000	0.4472
Sept.	18	1	217	0.0021	0.4493
Sept.	19	0	217	0.0000	0.4493
Sept.	20	0	217	0.0000	0.4493
Sept.	21	0	217	0.0000	0.4493
Sept.	22	0	217	0.0000	0.4493
Sept.	23	0	217	0.0000	0.4493
Sept.	24	30	247	0.0621	0.5114
Sept.	25	0	247	0.0000	0.5114
Sept.	26	1	248	0.0021	0.5135
Sept.	27	35	283	0.0725	0.5859
Sept.	28	0	283	0.0000	0.5859
Sept.	29	180	463	0.3727	0.9586
Sept.	30	0	463	0.0000	0.9586
Oct.	1	0	463	0.0000	0.9586
Oct.	2	0	463	0.0000	0.9586
Oct.	3	0	463	0.0000	0.9586

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Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Oct. 4	3	466	0.0062	0.9648
Oct. 5	0	466	0.0000	0.9648
Oct. 6	2	468	0.0041	0.9689
Oct. 7	0	468	0.0000	0.9689
Oct. 8	0	468	0.0000	0.9689
Oct. 9	7	475	0.0145	0.9834
Oct. 10	0	475	0.0000	0.9834
Oct. 11	0	475	0.0000	0.9834
Oct. 12	0	475	0.0000	0.9834
Oct. 13	3	478	0.0062	0.9896
Oct. 14	0	478	0.0000	0.9896
Oct. 15	0	478	0.0000	0.9896
Oct. 16	5	483	0.0104	1.0000

Mean Day of Migration = Sept. 17 Variance = 230.3 Days squared

Appendix A.9. Naha River (Stream No. 101-90-050) weir counts of non-jack coho salmon, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug.	13	1	1	0.0145	0.0145
Aug.	14	1	2	0.0145	0.0290
Aug.	15	1	3	0.0145	0.0435
Aug.	16	1	4	0.0145	0.0580
Aug.	17	1	5	0.0145	0.0725
Aug.	18	1	6	0.0145	0.0870
Aug.	19	1	7	0.0145	0.1014
Aug.	20	1	8	0.0145	0.1159
Aug.	21	1	9	0.0145	0.1304
Aug.	22	5	14	0.0725	0.2029
Aug.	23	6	20	0.0870	0.2899
Aug.	24	20	40	0.2899	0.5797
Aug.	25	9	49	0.1304	0.7101
Aug.	26	14	63	0.2029	0.9130
Aug.	27	6	69	0.0870	1.0000
Aug.	28	0	69	0.0000	1.0000
Aug.	29	0	69	0.0000	1.0000
Aug.	30	0	69	0.0000	1.0000
Aug.	31	0	69	0.0000	1.0000
Sept.	1	0	69	0.0000	1.0000

Mean Day of Migration = Aug. 24 Variance = 9.2 Dayssquared

Appendix A.10. Karta River (Stream No. 102-60-087) weir counts of non-jack coho salmon, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July	18	1	1	0.0001	0.0001
July	19	0	1	0.0000	0.0001
July	20	0	1	0.0000	0.0001
July	21	0	1	0.0000	0.0001
July	22	1	2	0.0001	0.0001
July	23	2	4	0.0001	0.0003
July	24	0	4	0.0000	0.0003
July	25	0	4	0.0000	0.0003
July	26	0	4	0.0000	0.0003
July	27	8	12	0.0005	0.0008
July	28	3	15	0.0002	0.0010
July	29	7	22	0.0005	0.0014
July	30	11	33	0.0007	0.0021
July	31	16	49	0.0010	0.0032
Aug.	1	35	84	0.0023	0.0055
Aug.	2	35	119	0.0023	0.0077
Aug.	3	50	169	0.0033	0.0110
Aug.	4	46	215	0.0030	0.0140
Aug.	5	11	226	0.0007	0.0147
Aug.	6	24	250	0.0016	0.0163
Aug.	7	2	252	0.0001	0.0164
Aug.	8	2	254	0.0001	0.0165
Aug.	9	31	285	0.0020	0.0185
Aug.	10	82	367	0.0053	0.0239
Aug.	11	42	409	0.0027	0.0266
Aug.	12	55	464	0.0036	0.0302
Aug.	13	167	631	0.0109	0.0410
Aug.	14	263	894	0.0171	0.0582
Aug.	15	317	1,211	0.0206	0.0788
Aug.	16	1,192	2,403	0.0775	0.1563
Aug.	17	2,093	4,496	0.1362	0.2925
Aug.	18	722	5,218	0.0470	0.3394
Aug.	19	456	5,674	0.0297	0.3691
Aug.	20	1,118	6,792	0.0727	0.4418
Aug.	21	319	7,111	0.0208	0.4626
Aug.	22	436	7,547	0.0284	0.4910
Aug.	23	3,495	11,042	0.2274	0.7183
Aug.	24	4,280	15,322	0.2784	0.9967
Aug.	25	50	15,372	0.0033	1.0000

Mean Day of Migration = Aug. 20 Variance = 17.5 Days squared

Appendix A.11. Klawock River Hatchery (Stream No. 103-60-047) weir counts of non-jack coho salmon, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug.	31	5	5	0.0011	0.0011
Sept.	1	0	5	0.0000	0.0011
Sept.	2	377	382	0.0805	0.0816
Sept.	3	0	382	0.0000	0.0816
Sept.	4	0	382	0.0000	0.0816
Sept.	5	0	382	0.0000	0.0816
Sept.	6	242	624	0.0517	0.1332
Sept.	7	0	624	0.0000	0.1332
Sept.	8	175	799	0.0374	0.1706
Sept.	9	46	845	0.0098	0.1804
Sept.	10	254	1,099	0.0542	0.2346
Sept.	11	99	1,198	0.0211	0.2558
Sept.	12	638	1,836	0.1362	0.3920
Sept.	13	236	2,072	0.0504	0.4424
Sept.	14	193	2,265	0.0412	0.4836
Sept.	15	72	2,337	0.0154	0.4989
Sept.	16	148	2,485	0.0316	0.5305
Sept.	17	0	2,485	0.0000	0.5305
Sept.	18	24	2,509	0.0051	0.5357
Sept.	19	0	2,509	0.0000	0.5357
Sept.	20	28	2,537	0.0060	0.5416
Sept.	21	0	2,537	0.0000	0.5416
Sept.	22	72	2,609	0.0154	0.5570
Sept.	23	185	2,794	0.0395	0.5965
Sept.	24	0	2,794	0.0000	0.5965
Sept.	25	0	2,794	0.0000	0.5965
Sept.	26	0	2,794	0.0000	0.5965
Sept.	27	23	2,817	0.0049	0.6014
Sept.	28	0	2,817	0.0000	0.6014
Sept.	29	506	3,323	0.1080	0.7094
Sept.	30	0	3,323	0.0000	0.7094
Oct.	1	0	3,323	0.0000	0.7094
Oct.	2	203	3,526	0.0433	0.7528
Oct.	3	0	3,526	0.0000	0.7528
Oct.	4	0	3,526	0.0000	0.7528
Oct.	5	0	3,526	0.0000	0.7528
Oct.	6	0	3,526	0.0000	0.7528
Oct.	7	0	3,526	0.0000	0.7528
Oct.	8	0	3,526	0.0000	0.7528
Oct.	9	0	3,526	0.0000	0.7528
Oct.	10	0	3,526	0.0000	0.7528
Oct.	11	173	3,699	0.0369	0.7897
Oct.	12	0	3,699	0.0000	0.7897
Oct.	13	0	3,699	0.0000	0.7897
Oct.	14	0	3,699	0.0000	0.7897
Oct.	15	0	3,699	0.0000	0.7897
Oct.	16	0	3,699	0.0000	0.7897
Oct.	17	0	3,699	0.0000	0.7897
Oct.	18	0	3,699	0.0000	0.7897
Oct.	19	0	3,699	0.0000	0.7897
Oct.	20	0	3,699	0.0000	0.7897
Oct.	21	0	3,699	0.0000	0.7897
Oct.	22	0	3,699	0.0000	0.7897
Oct.	23	0	3,699	0.0000	0.7897
Oct.	24	0	3,699	0.0000	0.7897
Oct.	25	0	3,699	0.0000	0.7897
Oct.	26	0	3,699	0.0000	0.7897
Oct.	27	0	3,699	0.0000	0.7897
Oct.	28	0	3,699	0.0000	0.7897
Oct.	29	0	3,699	0.0000	0.7897
Oct.	30	0	3,699	0.0000	0.7897

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Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Oct.	31	0	3,699	0.0000	0.7897
Nov.	1	0	3,699	0.0000	0.7897
Nov.	2	0	3,699	0.0000	0.7897
Nov.	3	0	3,699	0.0000	0.7897
Nov.	4	0	3,699	0.0000	0.7897
Nov.	5	0	3,699	0.0000	0.7897
Nov.	6	0	3,699	0.0000	0.7897
Nov.	7	0	3,699	0.0000	0.7897
Nov.	8	79	3,778	0.0169	0.8066
Nov.	9	0	3,778	0.0000	0.8066
Nov.	10	0	3,778	0.0000	0.8066
Nov.	11	0	3,778	0.0000	0.8066
Nov.	12	253	4,031	0.0540	0.8606
Nov.	13	0	4,031	0.0000	0.8606
Nov.	14	0	4,031	0.0000	0.8606
Nov.	15	0	4,031	0.0000	0.8606
Nov.	16	0	4,031	0.0000	0.8606
Nov.	17	0	4,031	0.0000	0.8606
Nov.	18	0	4,031	0.0000	0.8606
Nov.	19	0	4,031	0.0000	0.8606
Nov.	20	0	4,031	0.0000	0.8606
Nov.	21	0	4,031	0.0000	0.8606
Nov.	22	0	4,031	0.0000	0.8606
Nov.	23	0	4,031	0.0000	0.8606
Nov.	24	0	4,031	0.0000	0.8606
Nov.	25	0	4,031	0.0000	0.8606
Nov.	26	653	4,684	0.1394	1.0000

Mean Day of Migration = Sept. 30 Variance = 812.0 Days squared

Appendix A.12. Salmon Bay Lake (Stream No. 106-41-010) weir counts of non-jack coho salmon, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July	31	1	1	0.0017	0.0017
Aug.	1	0	1	0.0000	0.0017
Aug.	2	0	1	0.0000	0.0017
Aug.	3	0	1	0.0000	0.0017
Aug.	4	0	1	0.0000	0.0017
Aug.	5	0	1	0.0000	0.0017
Aug.	6	0	1	0.0000	0.0017
Aug.	7	0	1	0.0000	0.0017
Aug.	8	4	5	0.0067	0.0084
Aug.	9	1	6	0.0017	0.0101
Aug.	10	1	7	0.0017	0.0118
Aug.	11	0	7	0.0000	0.0118
Aug.	12	1	8	0.0017	0.0134
Aug.	13	0	8	0.0000	0.0134
Aug.	14	0	8	0.0000	0.0134
Aug.	15	0	8	0.0000	0.0134
Aug.	16	0	8	0.0000	0.0134
Aug.	17	0	8	0.0000	0.0134
Aug.	18	0	8	0.0000	0.0134
Aug.	19	0	8	0.0000	0.0134
Aug.	20	0	8	0.0000	0.0134
Aug.	21	0	8	0.0000	0.0134
Aug.	22	0	8	0.0000	0.0134
Aug.	23	1	9	0.0017	0.0151
Aug.	24	0	9	0.0000	0.0151
Aug.	25	1	10	0.0017	0.0168
Aug.	26	1	11	0.0017	0.0185
Aug.	27	0	11	0.0000	0.0185
Aug.	28	11	22	0.0185	0.0370
Aug.	29	18	40	0.0303	0.0672
Aug.	30	0	40	0.0000	0.0672
Aug.	31	9	49	0.0151	0.0824
Sept.	1	0	49	0.0000	0.0824
Sept.	2	49	98	0.0824	0.1647
Sept.	3	17	115	0.0286	0.1933
Sept.	4	23	138	0.0387	0.2319
Sept.	5	30	168	0.0504	0.2824
Sept.	6	16	184	0.0269	0.3092
Sept.	7	12	196	0.0202	0.3294
Sept.	8	4	200	0.0067	0.3361
Sept.	9	12	212	0.0202	0.3563
Sept.	10	8	220	0.0134	0.3697
Sept.	11	0	220	0.0000	0.3697
Sept.	12	375	595	0.6303	1.0000

Mean Day of Migration = Sept. 8 Variance = 35.3 Days squared

Appendix A.13. Crystal Creek (Crystal Lake Hatchery) (Stream No. 106-44-031) weir counts of non-jack coho salmon, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug.	30	45	45	0.0117	0.0117
Aug.	31	0	45	0.0000	0.0117
Sept.	1	0	45	0.0000	0.0117
Sept.	2	0	45	0.0000	0.0117
Sept.	3	0	45	0.0000	0.0117
Sept.	4	0	45	0.0000	0.0117
Sept.	5	0	45	0.0000	0.0117
Sept.	6	141	186	0.0365	0.0482
Sept.	7	0	186	0.0000	0.0482
Sept.	8	0	186	0.0000	0.0482
Sept.	9	0	186	0.0000	0.0482
Sept.	10	0	186	0.0000	0.0482
Sept.	11	0	186	0.0000	0.0482
Sept.	12	0	186	0.0000	0.0482
Sept.	13	0	186	0.0000	0.0482
Sept.	14	0	186	0.0000	0.0482
Sept.	15	0	186	0.0000	0.0482
Sept.	16	0	186	0.0000	0.0482
Sept.	17	0	186	0.0000	0.0482
Sept.	18	0	186	0.0000	0.0482
Sept.	19	0	186	0.0000	0.0482
Sept.	20	0	186	0.0000	0.0482
Sept.	21	0	186	0.0000	0.0482
Sept.	22	0	186	0.0000	0.0482
Sept.	23	0	186	0.0000	0.0482
Sept.	24	0	186	0.0000	0.0482
Sept.	25	0	186	0.0000	0.0482
Sept.	26	0	186	0.0000	0.0482
Sept.	27	0	186	0.0000	0.0482
Sept.	28	0	186	0.0000	0.0482
Sept.	29	0	186	0.0000	0.0482
Sept.	30	0	186	0.0000	0.0482
Oct.	1	0	186	0.0000	0.0482
Oct.	2	0	186	0.0000	0.0482
Oct.	3	0	186	0.0000	0.0482
Oct.	4	0	186	0.0000	0.0482
Oct.	5	0	186	0.0000	0.0482
Oct.	6	0	186	0.0000	0.0482
Oct.	7	0	186	0.0000	0.0482
Oct.	8	0	186	0.0000	0.0482
Oct.	9	0	186	0.0000	0.0482
Oct.	10	352	538	0.0912	0.1393
Oct.	11	525	1,063	0.1360	0.2753
Oct.	12	780	1,843	0.2020	0.4773
Oct.	13	0	1,843	0.0000	0.4773
Oct.	14	77	1,920	0.0199	0.4973
Oct.	15	0	1,920	0.0000	0.4973
Oct.	16	0	1,920	0.0000	0.4973
Oct.	17	0	1,920	0.0000	0.4973
Oct.	18	0	1,920	0.0000	0.4973
Oct.	19	0	1,920	0.0000	0.4973
Oct.	20	0	1,920	0.0000	0.4973
Oct.	21	0	1,920	0.0000	0.4973
Oct.	22	0	1,920	0.0000	0.4973
Oct.	23	0	1,920	0.0000	0.4973
Oct.	24	679	2,599	0.1759	0.6731
Oct.	25	749	3,348	0.1940	0.8671
Oct.	26	0	3,348	0.0000	0.8671
Oct.	27	513	3,861	0.1329	1.0000

Mean Day of Migration = Oct. 17 Variance = 136.9 Days squared

Appendix A.14. Pleasant Bay Creek (Stream No. 111-12-005) weir counts of non-jack coho salmon, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug.	25	1	1	0.0118	0.0118
Aug.	26	3	4	0.0353	0.0471
Aug.	27	13	17	0.1529	0.2000
Aug.	28	11	28	0.1294	0.3294
Aug.	29	15	43	0.1765	0.5059
Aug.	30	18	61	0.2118	0.7176
Aug.	31	7	68	0.0824	0.8000
Sept.	1	5	73	0.0588	0.8588
Sept.	2	5	78	0.0588	0.9176
Sept.	3	4	82	0.0471	0.9647
Sept.	4	3	85	0.0353	1.0000

Mean Day of Migration = Aug. 30 Variance = 5.3 Days squared

Appendix A.15. Yehring River (Stream No.111-32-066) weir counts of non-jack coho salmon, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug.	12	0	0	0.0000	0.0000
Aug.	13	0	0	0.0000	0.0000
Aug.	14	0	0	0.0000	0.0000
Aug.	15	1	1	0.0007	0.0007
Aug.	16	1	2	0.0007	0.0014
Aug.	17	0	2	0.0000	0.0014
Aug.	18	2	4	0.0014	0.0028
Aug.	19	2	6	0.0014	0.0042
Aug.	20	1	7	0.0007	0.0049
Aug.	21	0	7	0.0000	0.0049
Aug.	22	0	7	0.0000	0.0049
Aug.	23	37	44	0.0260	0.0309
Aug.	24	26	70	0.0183	0.0492
Aug.	25	13	83	0.0091	0.0583
Aug.	26	9	92	0.0063	0.0647
Aug.	27	6	98	0.0042	0.0689
Aug.	28	8	106	0.0056	0.0745
Aug.	29	2	108	0.0014	0.0759
Aug.	30	9	117	0.0063	0.0822
Aug.	31	11	128	0.0077	0.0900
Sept.	1	11	139	0.0077	0.0977
Sept.	2	0	139	0.0000	0.0977
Sept.	3	4	143	0.0028	0.1005
Sept.	4	6	149	0.0042	0.1047
Sept.	5	2	151	0.0014	0.1061
Sept.	6	0	151	0.0000	0.1061
Sept.	7	0	151	0.0000	0.1061
Sept.	8	0	151	0.0000	0.1061
Sept.	9	1	152	0.0007	0.1068
Sept.	10	0	152	0.0000	0.1068
Sept.	11	37	189	0.0260	0.1328
Sept.	12	32	221	0.0225	0.1553
Sept.	13	20	241	0.0141	0.1694
Sept.	14	3	244	0.0021	0.1715
Sept.	15	46	290	0.0323	0.2038
Sept.	16	6	296	0.0042	0.2080
Sept.	17	8	304	0.0056	0.2136
Sept.	18	2	306	0.0014	0.2150
Sept.	19	18	324	0.0126	0.2277
Sept.	20	1	325	0.0007	0.2284
Sept.	21	17	342	0.0119	0.2403
Sept.	22	4	346	0.0028	0.2431
Sept.	23	4	350	0.0028	0.2460
Sept.	24	15	365	0.0105	0.2565
Sept.	25	2	367	0.0014	0.2579
Sept.	26	21	388	0.0148	0.2727
Sept.	27	8	396	0.0056	0.2783
Sept.	28	9	405	0.0063	0.2846
Sept.	29	226	631	0.1588	0.4434
Sept.	30	24	655	0.0169	0.4603
Oct.	1	28	683	0.0197	0.4800
Oct.	2	26	709	0.0183	0.4982
Oct.	3	8	717	0.0056	0.5039
Oct.	4	29	746	0.0204	0.5242
Oct.	5	92	838	0.0647	0.5889
Oct.	6	210	1,048	0.1476	0.7365
Oct.	7	132	1,180	0.0928	0.8292
Oct.	8	51	1,231	0.0358	0.8651
Oct.	9	104	1,335	0.0731	0.9382
Oct.	10	18	1,353	0.0126	0.9508
Oct.	11	3	1,356	0.0021	0.9529

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Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Oct.	12	11	1,367	0.0077	0.9606
Oct.	13	11	1,378	0.0077	0.9684
Oct.	14	8	1,386	0.0056	0.9740
Oct.	15	5	1,391	0.0035	0.9775
Oct.	16	2	1,393	0.0014	0.9789
Oct.	17	2	1,395	0.0014	0.9803
Oct.	18	13	1,408	0.0091	0.9895
Oct.	19	4	1,412	0.0028	0.9923
Oct.	20	4	1,416	0.0028	0.9951
Oct.	21	4	1,420	0.0028	0.9979
Oct.	22	3	1,423	0.0021	1.0000

Mean Day of Migration = Sept. 28 Variance = 192.7 Days squared

Appendix A.16. Little Tatsamenie Lake (Canada) (Stream No. 111-31-255) weir counts of non-jack coho salmon, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July	31	0	0	0.0000	0.0000
Aug.	1	1	1	0.0015	0.0015
Aug.	2	0	1	0.0000	0.0015
Aug.	3	0	1	0.0000	0.0015
Aug.	4	0	1	0.0000	0.0015
Aug.	5	0	1	0.0000	0.0015
Aug.	6	0	1	0.0000	0.0015
Aug.	7	0	1	0.0000	0.0015
Aug.	8	0	1	0.0000	0.0015
Aug.	9	0	1	0.0000	0.0015
Aug.	10	0	1	0.0000	0.0015
Aug.	11	0	1	0.0000	0.0015
Aug.	12	0	1	0.0000	0.0015
Aug.	13	0	1	0.0000	0.0015
Aug.	14	0	1	0.0000	0.0015
Aug.	15	0	1	0.0000	0.0015
Aug.	16	0	1	0.0000	0.0015
Aug.	17	0	1	0.0000	0.0015
Aug.	18	0	1	0.0000	0.0015
Aug.	19	0	1	0.0000	0.0015
Aug.	20	0	1	0.0000	0.0015
Aug.	21	0	1	0.0000	0.0015
Aug.	22	0	1	0.0000	0.0015
Aug.	23	0	1	0.0000	0.0015
Aug.	24	0	1	0.0000	0.0015
Aug.	25	0	1	0.0000	0.0015
Aug.	26	0	1	0.0000	0.0015
Aug.	27	0	1	0.0000	0.0015
Aug.	28	0	1	0.0000	0.0015
Aug.	29	0	1	0.0000	0.0015
Aug.	30	0	1	0.0000	0.0015
Aug.	31	0	1	0.0000	0.0015
Sept.	1	2	3	0.0030	0.0045
Sept.	2	2	5	0.0030	0.0075
Sept.	3	0	5	0.0000	0.0075
Sept.	4	0	5	0.0000	0.0075
Sept.	5	2	7	0.0030	0.0106
Sept.	6	0	7	0.0000	0.0106
Sept.	7	0	7	0.0000	0.0106
Sept.	8	0	7	0.0000	0.0106
Sept.	9	0	7	0.0000	0.0106
Sept.	10	2	9	0.0030	0.0136
Sept.	11	0	9	0.0000	0.0136
Sept.	12	2	11	0.0030	0.0166
Sept.	13	4	15	0.0060	0.0226
Sept.	14	0	15	0.0000	0.0226
Sept.	15	0	15	0.0000	0.0226
Sept.	16	0	15	0.0000	0.0226
Sept.	17	0	15	0.0000	0.0226
Sept.	18	2	17	0.0030	0.0256
Sept.	19	3	20	0.0045	0.0302
Sept.	20	2	22	0.0030	0.0332
Sept.	21	4	26	0.0060	0.0392
Sept.	22	1	27	0.0015	0.0407
Sept.	23	10	37	0.0151	0.0558
Sept.	24	4	41	0.0060	0.0618
Sept.	25	1	42	0.0015	0.0633
Sept.	26	1	43	0.0015	0.0649
Sept.	27	1	44	0.0015	0.0664
Sept.	28	7	51	0.0106	0.0769
Sept.	29	28	79	0.0422	0.1192

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Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Sept.	30	2	81	0.0030	0.1222
Oct.	1	12	93	0.0181	0.1403
Oct.	2	2	95	0.0030	0.1433
Oct.	3	0	95	0.0000	0.1433
Oct.	4	35	130	0.0528	0.1961
Oct.	5	21	151	0.0317	0.2278
Oct.	6	48	199	0.0724	0.3002
Oct.	7	3	202	0.0045	0.3047
Oct.	8	109	311	0.1644	0.4691
Oct.	9	62	373	0.0935	0.5626
Oct.	10	88	461	0.1327	0.6953
Oct.	11	33	494	0.0498	0.7451
Oct.	12	19	513	0.0287	0.7738
Oct.	13	11	524	0.0166	0.7903
Oct.	14	5	529	0.0075	0.7979
Oct.	15	7	536	0.0106	0.8084
Oct.	16	3	539	0.0045	0.8130
Oct.	17	0	539	0.0000	0.8130
Oct.	18	3	542	0.0045	0.8175
Oct.	19	7	549	0.0106	0.8281
Oct.	20	13	562	0.0196	0.8477
Oct.	21	7	569	0.0106	0.8582
Oct.	22	3	572	0.0045	0.8627
Oct.	23	4	576	0.0060	0.8688
Oct.	24	1	577	0.0015	0.8703
Oct.	25	6	583	0.0090	0.8793
Oct.	26	7	590	0.0106	0.8899
Oct.	27	6	596	0.0090	0.8989
Oct.	28	8	604	0.0121	0.9110
Oct.	29	5	609	0.0075	0.9186
Oct.	30	6	615	0.0090	0.9276
Oct.	31	12	627	0.0181	0.9457
Nov.	1	0	627	0.0000	0.9457
Nov.	2	3	630	0.0045	0.9502
Nov.	3	2	632	0.0030	0.9532
Nov.	4	0	632	0.0000	0.9532
Nov.	5	0	632	0.0000	0.9532
Nov.	6	3	635	0.0045	0.9578
Nov.	7	7	642	0.0106	0.9683
Nov.	8	21	663	0.0317	1.0000

Mean Day of Migration = Oct. 10 Variance = 132.0 Days squared

Appendix A.17. Hackett River (Canada) (Stream No. 111-32-260) weir counts of non-jack coho salmon, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug.	13	1	1	0.0008	0.0008
Aug.	14	1	2	0.0008	0.0016
Aug.	15	1	3	0.0008	0.0024
Aug.	16	2	5	0.0016	0.0040
Aug.	17	2	7	0.0016	0.0056
Aug.	18	2	9	0.0016	0.0071
Aug.	19	3	12	0.0024	0.0095
Aug.	20	3	15	0.0024	0.0119
Aug.	21	2	17	0.0016	0.0135
Aug.	22	7	24	0.0056	0.0190
Aug.	23	12	36	0.0095	0.0286
Aug.	24	3	39	0.0024	0.0310
Aug.	25	7	46	0.0056	0.0365
Aug.	26	5	51	0.0040	0.0405
Aug.	27	9	60	0.0071	0.0476
Aug.	28	6	66	0.0048	0.0524
Aug.	29	4	70	0.0032	0.0556
Aug.	30	9	79	0.0071	0.0627
Aug.	31	28	107	0.0222	0.0849
Sept.	1	1	108	0.0008	0.0857
Sept.	2	3	111	0.0024	0.0881
Sept.	3	6	117	0.0048	0.0929
Sept.	4	1	118	0.0008	0.0937
Sept.	5	8	126	0.0063	0.1000
Sept.	6	35	161	0.0278	0.1278
Sept.	7	56	217	0.0444	0.1722
Sept.	8	38	255	0.0302	0.2024
Sept.	9	4	259	0.0032	0.2056
Sept.	10	1	260	0.0008	0.2063
Sept.	11	30	290	0.0238	0.2302
Sept.	12	13	303	0.0103	0.2405
Sept.	13	35	338	0.0278	0.2683
Sept.	14	13	351	0.0103	0.2786
Sept.	15	97	448	0.0770	0.3556
Sept.	16	133	581	0.1056	0.4611
Sept.	17	109	690	0.0865	0.5476
Sept.	18	7	697	0.0056	0.5532
Sept.	19	1	698	0.0008	0.5540
Sept.	20	1	699	0.0008	0.5548
Sept.	21	24	723	0.0190	0.5738
Sept.	22	70	793	0.0556	0.6294
Sept.	23	37	830	0.0294	0.6587
Sept.	24	22	852	0.0175	0.6762
Sept.	25	10	862	0.0079	0.6841
Sept.	26	42	904	0.0333	0.7175
Sept.	27	168	1,072	0.1333	0.8508
Sept.	28	132	1,204	0.1048	0.9556
Sept.	29	20	1,224	0.0159	0.9714
Sept.	30	12	1,236	0.0095	0.9810
Oct.	1	5	1,241	0.0040	0.9849
Oct.	2	11	1,252	0.0087	0.9937
Oct.	3	2	1,254	0.0016	0.9952
Oct.	4	1	1,255	0.0008	0.9960
Oct.	5	4	1,259	0.0032	0.9992
Oct.	6	1	1,260	0.0008	1.0000

Mean Day of Migration = Sept. 17 Variance = 99.8 Days squared

Appendix A.18. Nahlin River (Canada) (Stream No. 111-32-270) weir counts of non-jack coho salmon, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July	25	0	0	0.0000	0.0000
July	26	0	0	0.0000	0.0000
July	27	0	0	0.0000	0.0000
July	28	0	0	0.0000	0.0000
July	29	1	1	0.0008	0.0008
July	30	0	1	0.0000	0.0008
July	31	0	1	0.0000	0.0008
Aug.	1	0	1	0.0000	0.0008
Aug.	2	0	1	0.0000	0.0008
Aug.	3	0	1	0.0000	0.0008
Aug.	4	0	1	0.0000	0.0008
Aug.	5	0	1	0.0000	0.0008
Aug.	6	1	2	0.0008	0.0015
Aug.	7	0	2	0.0000	0.0015
Aug.	8	0	2	0.0000	0.0015
Aug.	9	4	6	0.0030	0.0045
Aug.	10	1	7	0.0008	0.0053
Aug.	11	3	10	0.0023	0.0076
Aug.	12	0	10	0.0000	0.0076
Aug.	13	0	10	0.0000	0.0076
Aug.	14	10	20	0.0076	0.0151
Aug.	15	0	20	0.0000	0.0151
Aug.	16	9	29	0.0068	0.0219
Aug.	17	17	46	0.0129	0.0348
Aug.	18	16	62	0.0121	0.0469
Aug.	19	26	88	0.0197	0.0666
Aug.	20	20	108	0.0151	0.0817
Aug.	21	7	115	0.0053	0.0870
Aug.	22	6	121	0.0045	0.0915
Aug.	23	37	158	0.0280	0.1195
Aug.	24	3	161	0.0023	0.1218
Aug.	25	52	213	0.0393	0.1611
Aug.	26	16	229	0.0121	0.1732
Aug.	27	63	292	0.0477	0.2209
Aug.	28	41	333	0.0310	0.2519
Aug.	29	28	361	0.0212	0.2731
Aug.	30	15	376	0.0113	0.2844
Aug.	31	8	384	0.0061	0.2905
Sept.	1	84	468	0.0635	0.3540
Sept.	2	54	522	0.0408	0.3949
Sept.	3	49	571	0.0371	0.4319
Sept.	4	233	804	0.1762	0.6082
Sept.	5	43	847	0.0325	0.6407
Sept.	6	15	862	0.0113	0.6520
Sept.	7	3	865	0.0023	0.6543
Sept.	8	2	867	0.0015	0.6558
Sept.	9	1	868	0.0008	0.6566
Sept.	10	2	870	0.0015	0.6581
Sept.	11	4	874	0.0030	0.6611
Sept.	12	24	898	0.0182	0.6793
Sept.	13	37	935	0.0280	0.7073
Sept.	14	10	945	0.0076	0.7148
Sept.	15	6	951	0.0045	0.7194
Sept.	16	10	961	0.0076	0.7269
Sept.	17	9	970	0.0068	0.7337
Sept.	18	5	975	0.0038	0.7375
Sept.	19	4	979	0.0030	0.7405
Sept.	20	3	982	0.0023	0.7428
Sept.	21	19	1,001	0.0144	0.7572
Sept.	22	264	1,265	0.1997	0.9569
Sept.	23	57	1,322	0.0431	1.0000

Mean Day of Migration = Sept. 6 Variance = 134.6 Days squared

Appendix A.19. Crescent Lake (Stream No. 111-35-007) weir counts of non-jack coho salmon, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug.	4	1	1	0.0455	0.0455
Aug.	5	0	1	0.0000	0.0455
Aug.	6	0	1	0.0000	0.0455
Aug.	7	0	1	0.0000	0.0455
Aug.	8	0	1	0.0000	0.0455
Aug.	9	0	1	0.0000	0.0455
Aug.	10	0	1	0.0000	0.0455
Aug.	11	0	1	0.0000	0.0455
Aug.	12	0	1	0.0000	0.0455
Aug.	13	1	2	0.0455	0.0909
Aug.	14	7	9	0.3182	0.4091
Aug.	15	1	10	0.0455	0.4545
Aug.	16	1	11	0.0455	0.5000
Aug.	17	1	12	0.0455	0.5455
Aug.	18	1	13	0.0455	0.5909
Aug.	19	1	14	0.0455	0.6364
Aug.	20	0	14	0.0000	0.6364
Aug.	21	0	14	0.0000	0.6364
Aug.	22	0	14	0.0000	0.6364
Aug.	23	1	15	0.0455	0.6818
Aug.	24	1	16	0.0455	0.7273
Aug.	25	2	18	0.0909	0.8182
Aug.	26	4	22	0.1818	1.0000
Aug.	27	0	22	0.0000	1.0000
Aug.	28	0	22	0.0000	1.0000
Aug.	29	0	22	0.0000	1.0000

Mean Day of Migration = Aug. 18 Variance = 34.6 Days squared

Appendix A.20. Auke Creek (Stream No. 111-50-042) weir counts of non-jack coho salmon, 1988[a].

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Sept. 12 [b]	187	187	0.2480	0.2480
Sept. 13	7	194	0.0093	0.2573
Sept. 14	24	218	0.0318	0.2891
Sept. 15	20	238	0.0265	0.3156
Sept. 16	3	241	0.0040	0.3196
Sept. 17	0	241	0.0000	0.3196
Sept. 18	0	241	0.0000	0.3196
Sept. 19	0	241	0.0000	0.3196
Sept. 20	0	241	0.0000	0.3196
Sept. 21	0	241	0.0000	0.3196
Sept. 22	9	250	0.0119	0.3316
Sept. 23	15	265	0.0199	0.3515
Sept. 24	15	280	0.0199	0.3714
Sept. 25	10	290	0.0133	0.3846
Sept. 26	0	290	0.0000	0.3846
Sept. 27	0	290	0.0000	0.3846
Sept. 28	0	290	0.0000	0.3846
Sept. 29	22	312	0.0292	0.4138
Sept. 30	29	341	0.0385	0.4523
Oct. 1	55	396	0.0729	0.5252
Oct. 2	0	396	0.0000	0.5252
Oct. 3	20	416	0.0265	0.5517
Oct. 4	41	457	0.0544	0.6061
Oct. 5	62	519	0.0822	0.6883
Oct. 6	66	585	0.0875	0.7759
Oct. 7	62	647	0.0822	0.8581
Oct. 8	62	709	0.0822	0.9403
Oct. 9	16	725	0.0212	0.9615
Oct. 10	1	726	0.0013	0.9629
Oct. 11	6	732	0.0080	0.9708
Oct. 12	8	740	0.0106	0.9814
Oct. 13	5	745	0.0066	0.9881
Oct. 14	2	747	0.0027	0.9907
Oct. 15	0	747	0.0000	0.9907
Oct. 16	0	747	0.0000	0.9907
Oct. 17	2	749	0.0027	0.9934
Oct. 18	0	749	0.0000	0.9934
Oct. 19	3	752	0.0040	0.9973
Oct. 20	0	752	0.0000	0.9973
Oct. 21	0	752	0.0000	0.9973
Oct. 22	0	752	0.0000	0.9973
Oct. 23	1	753	0.0013	0.9987
Oct. 24	0	753	0.0000	0.9987
Oct. 25	0	753	0.0000	0.9987
Oct. 26	0	753	0.0000	0.9987
Oct. 27	0	753	0.0000	0.9987
Oct. 28	0	753	0.0000	0.9987
Oct. 29	0	753	0.0000	0.9987
Oct. 30	1	754	0.0013	1.0000

Mean Day of Migration = Sept. 27 Variance = 118.9 Days squared

[a] Refer to Appendix A.20. for counts of jacks.
[b] Weir operable on August 29, 1988, this is the first day adults were passed.

Appendix A.21. Auke Creek (Stream No. 111-50-042) weir counts of jack coho salmon, 1988[a].

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug.	29[b]	1	1	0.0023	0.0023
Aug.	30	3	4	0.0069	0.0092
Aug.	31	2	6	0.0046	0.0138
Sept.	1	0	6	0.0000	0.0138
Sept.	2	2	8	0.0046	0.0183
Sept.	3	10	18	0.0229	0.0413
Sept.	4	9	27	0.0206	0.0619
Sept.	5	5	32	0.0115	0.0734
Sept.	6	6	38	0.0138	0.0872
Sept.	7	1	39	0.0023	0.0894
Sept.	8	0	39	0.0000	0.0894
Sept.	9	0	39	0.0000	0.0894
Sept.	10	0	39	0.0000	0.0894
Sept.	11	0	39	0.0000	0.0894
Sept.	12	104	143	0.2385	0.3280
Sept.	13	29	172	0.0665	0.3945
Sept.	14	41	213	0.0940	0.4885
Sept.	15	16	229	0.0367	0.5252
Sept.	16	0	229	0.0000	0.5252
Sept.	17	0	229	0.0000	0.5252
Sept.	18	0	229	0.0000	0.5252
Sept.	19	0	229	0.0000	0.5252
Sept.	20	0	229	0.0000	0.5252
Sept.	21	0	229	0.0000	0.5252
Sept.	22	38	267	0.0872	0.6124
Sept.	23	19	286	0.0436	0.6560
Sept.	24	9	295	0.0206	0.6766
Sept.	25	10	305	0.0229	0.6995
Sept.	26	0	305	0.0000	0.6995
Sept.	27	0	305	0.0000	0.6995
Sept.	28	0	305	0.0000	0.6995
Sept.	29	33	338	0.0757	0.7752
Sept.	30	17	355	0.0390	0.8142
Oct.	1	23	378	0.0528	0.8670
Oct.	2	0	378	0.0000	0.8670
Oct.	3	3	381	0.0069	0.8739
Oct.	4	4	385	0.0092	0.8830
Oct.	5	6	391	0.0138	0.8968
Oct.	6	3	394	0.0069	0.9037
Oct.	7	10	404	0.0229	0.9266
Oct.	8	8	412	0.0183	0.9450
Oct.	9	3	415	0.0069	0.9518
Oct.	10	1	416	0.0023	0.9541
Oct.	11	3	419	0.0069	0.9610
Oct.	12	5	424	0.0115	0.9725
Oct.	13	2	426	0.0046	0.9771
Oct.	14	1	427	0.0023	0.9794
Oct.	15	0	427	0.0000	0.9794
Oct.	16	2	429	0.0046	0.9839
Oct.	17	3	432	0.0069	0.9908
Oct.	18	0	432	0.0000	0.9908
Oct.	19	0	432	0.0000	0.9908
Oct.	20	4	436	0.0092	1.0000

Mean Day of Migration = Sept. 20 Variance = 118.4 Days squared

[a] Refer to Appendix A.19. for counts of non-jacks.
[b] Weir operational on August 28, 1988, first jack passed on this date.

Appendix A.22. Salmon Lake (Stream No. 113-41-032) weir counts of non-jack coho salmon, 1988[a].

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Sept. 1	21	21	0.0471	0.0471
Sept. 2	1	22	0.0022	0.0493
Sept. 3	0	22	0.0000	0.0493
Sept. 4	0	22	0.0000	0.0493
Sept. 5	1	23	0.0022	0.0516
Sept. 6	3	26	0.0067	0.0583
Sept. 7	0	26	0.0000	0.0583
Sept. 8	0	26	0.0000	0.0583
Sept. 9	0	26	0.0000	0.0583
Sept. 10	0	26	0.0000	0.0583
Sept. 11 [b]	10	36	0.0224	0.0807
Sept. 12	14	50	0.0314	0.1121
Sept. 13	50	100	0.1121	0.2242
Sept. 14	15	115	0.0336	0.2578
Sept. 15	6	121	0.0135	0.2713
Sept. 16	3	124	0.0067	0.2780
Sept. 17	0	124	0.0000	0.2780
Sept. 18	0	124	0.0000	0.2780
Sept. 19	0	124	0.0000	0.2780
Sept. 20	0	124	0.0000	0.2780
Sept. 21	27	151	0.0605	0.3386
Sept. 22	30	181	0.0673	0.4058
Sept. 23	1	182	0.0022	0.4081
Sept. 24	2	184	0.0045	0.4126
Sept. 25	0	184	0.0000	0.4126
Sept. 26	0	184	0.0000	0.4126
Sept. 27	0	184	0.0000	0.4126
Sept. 28	137	321	0.3072	0.7197
Sept. 29 [c]	2	323	0.0045	0.7242
Sept. 30	49	372	0.1099	0.8341
Oct. 1	8	380	0.0179	0.8520
Oct. 2	0	380	0.0000	0.8520
Oct. 3	2	382	0.0045	0.8565
Oct. 4	4	386	0.0090	0.8655
Oct. 5	6	392	0.0135	0.8789
Oct. 6	44	436	0.0987	0.9776
Oct. 7	3	439	0.0067	0.9843
Oct. 8 [d]	0	439	0.0000	0.9843
Oct. 9	1	440	0.0022	0.9865
Oct. 10	0	440	0.0000	0.9865
Oct. 11	5	445	0.0112	0.9978
Oct. 12	1	446	0.0022	1.0000
Oct. 13	0	446	0.0000	1.0000
Oct. 14	0	446	0.0000	1.0000
Oct. 15	0	446	0.0000	1.0000
Oct. 16	0	446	0.0000	1.0000
Oct. 17	0	446	0.0000	1.0000
Oct. 18	0	446	0.0000	1.0000

Mean Day of Migration = Sept. 24 Variance = 89.1 Days squared

[a] Refer to Appendix A.22. for counts of jacks.
[b] Weir overtopped, trap box closed.
[c] Trap box remained closed during high water.
[d] High water, trap box closed, 124 coho counted around side of weir.

Appendix A.23. Salmon Lake (Stream No. 113-41-032) weir counts of jack coho salmon, 1988[a].

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Sept. 1	0	0	0.0000	0.0000
Sept. 2	2	2	0.1538	0.1538
Sept. 3	0	2	0.0000	0.1538
Sept. 4	0	2	0.0000	0.1538
Sept. 5	0	2	0.0000	0.1538
Sept. 6	0	2	0.0000	0.1538
Sept. 7	0	2	0.0000	0.1538
Sept. 8	0	2	0.0000	0.1538
Sept. 9 [b]	0	2	0.0000	0.1538
Sept. 10	0	2	0.0000	0.1538
Sept. 11	1	3	0.0769	0.2308
Sept. 12	2	5	0.1538	0.3846
Sept. 13	1	6	0.0769	0.4615
Sept. 14	0	6	0.0000	0.4615
Sept. 15	0	6	0.0000	0.4615
Sept. 16	0	6	0.0000	0.4615
Sept. 17	0	6	0.0000	0.4615
Sept. 18	0	6	0.0000	0.4615
Sept. 19	0	6	0.0000	0.4615
Sept. 20	0	6	0.0000	0.4615
Sept. 21	0	6	0.0000	0.4615
Sept. 22	0	6	0.0000	0.4615
Sept. 23	0	6	0.0000	0.4615
Sept. 24	0	6	0.0000	0.4615
Sept. 25	0	6	0.0000	0.4615
Sept. 26	0	6	0.0000	0.4615
Sept. 27	0	6	0.0000	0.4615
Sept. 28	4	10	0.3077	0.7692
Sept. 29 [c]	0	10	0.0000	0.7692
Sept. 30	0	10	0.0000	0.7692
Oct. 1	1	11	0.0769	0.8462
Oct. 2	0	11	0.0000	0.8462
Oct. 3	0	11	0.0000	0.8462
Oct. 4	0	11	0.0000	0.8462
Oct. 5	2	13	0.1538	1.0000
Oct. 6	0	13	0.0000	1.0000
Oct. 7	0	13	0.0000	1.0000
Oct. 8	0	13	0.0000	1.0000
Oct. 9	0	13	0.0000	1.0000
Oct. 10	0	13	0.0000	1.0000
Oct. 11	0	13	0.0000	1.0000
Oct. 12	0	13	0.0000	1.0000
Oct. 13	0	13	0.0000	1.0000
Oct. 14	0	13	0.0000	1.0000
Oct. 15	0	13	0.0000	1.0000
Oct. 16	0	13	0.0000	1.0000

Mean Day of Migration = Sept. 20 Variance = 133.2 Days squared

[a] Refer to Appendix A.21. for counts of non-jacks.
[b] Weir overtopped, trap box closed
[c] Trap box remained closed during high water.

Appendix A.24. Salmon Lake (Stream No. 113-41-032) weir counts of smolt coho salmon during outmigration, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
April	26	113	113	0.0155	0.0155
April	27	86	199	0.0118	0.0273
April	28	85	284	0.0117	0.0390
April	29	251	535	0.0345	0.0735
April	30	211	746	0.0290	0.1025
May	1	156	902	0.0214	0.1239
May	2	161	1,063	0.0221	0.1460
May	3	100	1,163	0.0137	0.1597
May	4	95	1,258	0.0130	0.1728
May	5	171	1,429	0.0235	0.1963
May	6	213	1,642	0.0293	0.2255
May	7	637	2,279	0.0875	0.3130
May	8	753	3,032	0.1034	0.4164
May	9	1,065	4,097	0.1463	0.5627
May	10	1,649	5,746	0.2265	0.7892
May	11	701	6,447	0.0963	0.8855
May	12	198 [a]	6,645	0.0272	0.9126
May	13	0 [b]	6,645	0.0000	0.9126
May	14	0 [b]	6,645	0.0000	0.9126
May	15	179	6,824	0.0246	0.9372
May	16	86	6,910	0.0118	0.9490
May	17	99	7,009	0.0136	0.9626
May	18	150	7,159	0.0206	0.9832
May	19	122	7,281	0.0168	1.0000

Mean Day of Migration = May 8 Variance = 21.8 Days squared

[a] Partial night fished. Nets pulled during high water.
[b] Not fished because of high water.

Appendix A.25. Redoubt Lake Stream No. 113-41-044) weir counts of non- jack coho salmon, 1988.

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
July	30	1	1	0.0003	0.0003
July	31	0	1	0.0000	0.0003
Aug.	1	2	3	0.0006	0.0010
Aug.	2	0	3	0.0000	0.0010
Aug.	3	0	3	0.0000	0.0010
Aug.	4	7	10	0.0022	0.0032
Aug.	5	5	15	0.0016	0.0048
Aug.	6	0	15	0.0000	0.0048
Aug.	7	0	15	0.0000	0.0048
Aug.	8	0	15	0.0000	0.0048
Aug.	9	1	16	0.0003	0.0051
Aug.	10	0	16	0.0000	0.0051
Aug.	11	1	17	0.0003	0.0054
Aug.	12	9	26	0.0029	0.0083
Aug.	13	2	28	0.0006	0.0089
Aug.	14	3	31	0.0010	0.0099
Aug.	15	3	34	0.0010	0.0108
Aug.	16	4	38	0.0013	0.0121
Aug.	17	7	45	0.0022	0.0143
Aug.	18	0	45	0.0000	0.0143
Aug.	19	7	52	0.0022	0.0166
Aug.	20	1	53	0.0003	0.0169
Aug.	21	1	54	0.0003	0.0172
Aug.	22	3	57	0.0010	0.0182
Aug.	23	0	57	0.0000	0.0182
Aug.	24	0	57	0.0000	0.0182
Aug.	25	0	57	0.0000	0.0182
Aug.	26	3	60	0.0010	0.0191
Aug.	27	9	69	0.0029	0.0220
Aug.	28	7	76	0.0022	0.0242
Aug.	29	4	80	0.0013	0.0255
Aug.	30	12	92	0.0038	0.0293
Aug.	31	18	110	0.0057	0.0350
Sept.	1	67	177	0.0213	0.0564
Sept.	2	28	205	0.0089	0.0653
Sept.	3	66	271	0.0210	0.0863
Sept.	4	65	336	0.0207	0.1070
Sept.	5	15	351	0.0048	0.1118
Sept.	6	88	439	0.0280	0.1398
Sept.	7	33	472	0.0105	0.1503
Sept.	8	121	593	0.0385	0.1889
Sept.	9	111	704	0.0354	0.2242
Sept.	10	21	725	0.0067	0.2309
Sept.	11	229	954	0.0729	0.3038
Sept.	12	132	1,086	0.0420	0.3459
Sept.	13	145	1,231	0.0462	0.3920
Sept.	14	82	1,313	0.0261	0.4182
Sept.	15	60	1,373	0.0191	0.4373
Sept.	16	124	1,497	0.0395	0.4768
Sept.	17	125	1,622	0.0398	0.5166
Sept.	18	212	1,834	0.0675	0.5841
Sept.	19	57	1,891	0.0182	0.6022
Sept.	20	139	2,030	0.0443	0.6465
Sept.	21	118	2,148	0.0376	0.6841
Sept.	22	256	2,404	0.0815	0.7656
Sept.	23	180	2,584	0.0573	0.8229
Sept.	24	0	2,584	0.0000	0.8229
Sept.	25	133	2,717	0.0424	0.8653
Sept.	26	57	2,774	0.0182	0.8834
Sept.	27	74	2,848	0.0236	0.9070
Sept.	28	101	2,949	0.0322	0.9392

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Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Sept. 29	84	3,033	0.0268	0.9659
Sept. 30	30	3,063	0.0096	0.9755
Oct. 1	22	3,085	0.0070	0.9825
Oct. 2	20	3,105	0.0064	0.9889
Oct. 3	3	3,108	0.0010	0.9898
Oct. 4	32	3,140	0.0102	1.0000

Mean Day of Migration = Sept. 16 Variance = 86.1 Days squared

Appendix A.26. Ford Arm Lake (Stream No. 113-73-003) weir counts of non-jack coho salmon, 1988[a].

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug.	13	2	2	0.0009	0.0009
Aug.	14	12	14	0.0051	0.0060
Aug.	15	8	22	0.0034	0.0094
Aug.	16	0	22	0.0000	0.0094
Aug.	17	0	22	0.0000	0.0094
Aug.	18	0	22	0.0000	0.0094
Aug.	19	3	25	0.0013	0.0106
Aug.	20	0	25	0.0000	0.0106
Aug.	21	0	25	0.0000	0.0106
Aug.	22	139	164	0.0591	0.0698
Aug.	23	59	223	0.0251	0.0949
Aug.	24	116	339	0.0493	0.1442
Aug.	25	156	495	0.0664	0.2105
Aug.	26	16	511	0.0068	0.2174
Aug.	27	34	545	0.0145	0.2318
Aug.	28	0	545	0.0000	0.2318
Aug.	29	25	570	0.0106	0.2425
Aug.	30	70	640	0.0298	0.2722
Aug.	31	230	870	0.0978	0.3701
Sept.	1	118	988	0.0502	0.4202
Sept.	2	238	1,226	0.1012	0.5215
Sept.	3	4	1,230	0.0017	0.5232
Sept.	4	29	1,259	0.0123	0.5355
Sept.	5	5	1,264	0.0021	0.5376
Sept.	6	1	1,265	0.0004	0.5381
Sept.	7	0	1,265	0.0000	0.5381
Sept.	8	1	1,266	0.0004	0.5385
Sept.	9	0	1,266	0.0000	0.5385
Sept.	10	0	1,266	0.0000	0.5385
Sept.	11	34	1,300	0.0145	0.5530
Sept.	12	111	1,411	0.0472	0.6002
Sept.	13	221	1,632	0.0940	0.6942
Sept.	14	43	1,675	0.0183	0.7125
Sept.	15	8	1,683	0.0034	0.7159
Sept.	16	0	1,683	0.0000	0.7159
Sept.	17	0	1,683	0.0000	0.7159
Sept.	18	7	1,690	0.0030	0.7188
Sept.	19	0	1,690	0.0000	0.7188
Sept.	20	1	1,691	0.0004	0.7193
Sept.	21	145	1,836	0.0617	0.7809
Sept.	22	30	1,866	0.0128	0.7937
Sept.	23	4	1,870	0.0017	0.7954
Sept.	24	0	1,870	0.0000	0.7954
Sept.	25	0	1,870	0.0000	0.7954
Sept.	26	0	1,870	0.0000	0.7954
Sept.	27	0	1,870	0.0000	0.7954
Sept.	28	43	1,913	0.0183	0.8137
Sept.	29	178	2,091	0.0757	0.8894
Sept.	30	8	2,099	0.0034	0.8928
Oct.	1	2	2,101	0.0009	0.8937
Oct.	2	0	2,101	0.0000	0.8937
Oct.	3	0	2,101	0.0000	0.8937
Oct.	4	123	2,224	0.0523	0.9460
Oct.	5	5	2,229	0.0021	0.9481
Oct.	6	102	2,331	0.0434	0.9915
Oct.	7	0	2,331	0.0000	0.9915
Oct.	8	0	2,331	0.0000	0.9915
Oct.	9	15	2,346	0.0064	0.9979
Oct.	10	0	2,346	0.0000	0.9979
Oct.	11	1	2,347	0.0004	0.9983

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Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Oct.	12	0	2,347	0.0000	0.9983
Oct.	13	1	2,348	0.0004	0.9987
Oct.	14	0	2,348	0.0000	0.9987
Oct.	15	0	2,348	0.0000	0.9987
Oct.	16	0	2,348	0.0000	0.9987
Oct.	17	0	2,348	0.0000	0.9987
Oct.	18	0	2,348	0.0000	0.9987
Oct.	19	3	2,351	0.0013	1.0000
Oct.	20	0	2,351	0.0000	1.0000
Oct.	21	0	2,351	0.0000	1.0000
Oct.	22	0	2,351	0.0000	1.0000
Oct.	23	0	2,351	0.0000	1.0000

Mean Day of Migration = Sept. 9 Variance = 212.8 Days squared

[a] Refer to Appendix A.25. for counts of jacks.

Appendix A.27. Ford Arm Lake (Stream No. 113-73-003) weir counts of jack coho salmon, 1988[a].

Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug.	13	0	0	0.0000	0.0000
Aug.	14	1	1	0.0034	0.0034
Aug.	15	0	1	0.0000	0.0034
Aug.	16	0	1	0.0000	0.0034
Aug.	17	0	1	0.0000	0.0034
Aug.	18	0	1	0.0000	0.0034
Aug.	19	0	1	0.0000	0.0034
Aug.	20	0	1	0.0000	0.0034
Aug.	21	0	1	0.0000	0.0034
Aug.	22	8	9	0.0273	0.0307
Aug.	23	17	26	0.0580	0.0887
Aug.	24	19	45	0.0648	0.1536
Aug.	25	12	57	0.0410	0.1945
Aug.	26	6	63	0.0205	0.2150
Aug.	27	7	70	0.0239	0.2389
Aug.	28	0	70	0.0000	0.2389
Aug.	29	2	72	0.0068	0.2457
Aug.	30	13	85	0.0444	0.2901
Aug.	31	30	115	0.1024	0.3925
Sept.	1	4	119	0.0137	0.4061
Sept.	2	25	144	0.0853	0.4915
Sept.	3	9	153	0.0307	0.5222
Sept.	4	6	159	0.0205	0.5427
Sept.	5	2	161	0.0068	0.5495
Sept.	6	5	166	0.0171	0.5666
Sept.	7	0	166	0.0000	0.5666
Sept.	8	0	166	0.0000	0.5666
Sept.	9	0	166	0.0000	0.5666
Sept.	10	0	166	0.0000	0.5666
Sept.	11	2	168	0.0068	0.5734
Sept.	12	10	178	0.0341	0.6075
Sept.	13	11	189	0.0375	0.6451
Sept.	14	2	191	0.0068	0.6519
Sept.	15	5	196	0.0171	0.6689
Sept.	16	0	196	0.0000	0.6689
Sept.	17	0	196	0.0000	0.6689
Sept.	18	0	196	0.0000	0.6689
Sept.	19	1	197	0.0034	0.6724
Sept.	20	0	197	0.0000	0.6724
Sept.	21	25	222	0.0853	0.7577
Sept.	22	3	225	0.0102	0.7679
Sept.	23	4	229	0.0137	0.7816
Sept.	24	0	229	0.0000	0.7816
Sept.	25	0	229	0.0000	0.7816
Sept.	26	0	229	0.0000	0.7816
Sept.	27	0	229	0.0000	0.7816
Sept.	28	6	235	0.0205	0.8020
Sept.	29	21	256	0.0717	0.8737
Sept.	30	4	260	0.0137	0.8874
Oct.	1	2	262	0.0068	0.8942
Oct.	2	0	262	0.0000	0.8942
Oct.	3	0	262	0.0000	0.8942
Oct.	4	14	276	0.0478	0.9420
Oct.	5	2	278	0.0068	0.9488
Oct.	6	12	290	0.0410	0.9898
Oct.	7	0	290	0.0000	0.9898
Oct.	8	0	290	0.0000	0.9898
Oct.	9	1	291	0.0034	0.9932
Oct.	10	0	291	0.0000	0.9932
Oct.	11	0	291	0.0000	0.9932
Oct.	12	1	292	0.0034	0.9966
Oct.	13	1	293	0.0034	1.0000

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Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Oct.	14	0	293	0.0000	1.0000
Oct.	15	0	293	0.0000	1.0000
Oct.	16	0	293	0.0000	1.0000
Oct.	17	0	293	0.0000	1.0000
Oct.	18	0	293	0.0000	1.0000
Oct.	19	0	293	0.0000	1.0000
Oct.	20	0	293	0.0000	1.0000
Oct.	21	0	293	0.0000	1.0000
Oct.	22	0	293	0.0000	1.0000
Oct.	23	0	293	0.0000	1.0000

Mean Day of Migration = Sept. 10 Variance = 221.2 Days squared

[a] Refer to Appendix A.24. for counts of non-jacks.

Appendix A.28. Daily coho salmon counts and associated statistics from Chilkat Lake weir, 1988[a].

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Sept. 4 [b]	2	2	0.0015	0.0015
Sept. 5	0	2	0.0000	0.0015
Sept. 6	4	6	0.0031	0.0046
Sept. 7	3	9	0.0023	0.0069
Sept. 8	0	9	0.0000	0.0069
Sept. 9	10	19	0.0077	0.0145
Sept. 10	1	20	0.0008	0.0153
Sept. 11	0	20	0.0000	0.0153
Sept. 12	0	20	0.0000	0.0153
Sept. 13	0	20	0.0000	0.0153
Sept. 14	22	42	0.0168	0.0321
Sept. 15	28	70	0.0214	0.0536
Sept. 16	1	71	0.0008	0.0543
Sept. 17	11	82	0.0084	0.0627
Sept. 18	5	87	0.0038	0.0666
Sept. 19	5	92	0.0038	0.0704
Sept. 20	7	99	0.0054	0.0757
Sept. 21	1	100	0.0008	0.0765
Sept. 22	1	101	0.0008	0.0773
Sept. 23	44	145	0.0337	0.1109
Sept. 24	1	146	0.0008	0.1117
Sept. 25	50	196	0.0383	0.1500
Sept. 26	34	230	0.0260	0.1760
Sept. 27	27	257	0.0207	0.1966
Sept. 28	115	372	0.0880	0.2846
Sept. 29	20	392	0.0153	0.2999
Sept. 30	7	399	0.0054	0.3053
Oct. 1	3	402	0.0023	0.3076
Oct. 2	11	413	0.0084	0.3160
Oct. 3	48	461	0.0367	0.3527
Oct. 4 [c]	0	461	0.0000	0.3527
Oct. 5 [c]	0	461	0.0000	0.3527
Oct. 6 [c]	0	461	0.0000	0.3527
Oct. 7 [c]	0	461	0.0000	0.3527
Oct. 8 [c]	0	461	0.0000	0.3527
Oct. 9 [c]	0	461	0.0000	0.3527
Oct. 10	0	461	0.0000	0.3527
Oct. 11	0	461	0.0000	0.3527
Oct. 12	0	461	0.0000	0.3527
Oct. 13	0	461	0.0000	0.3527
Oct. 14	62	523	0.0474	0.4002
Oct. 15	3	526	0.0023	0.4024
Oct. 16	62	588	0.0474	0.4499
Oct. 17	124	712	0.0949	0.5448
Oct. 18	4	716	0.0031	0.5478
Oct. 19	15	731	0.0115	0.5593
Oct. 20	14	745	0.0107	0.5700
Oct. 21	12	757	0.0092	0.5792
Oct. 22	34	791	0.0260	0.6052
Oct. 23	29	820	0.0222	0.6274
Oct. 24	12	832	0.0092	0.6366
Oct. 25	30	862	0.0230	0.6595
Oct. 26	14	876	0.0107	0.6702
Oct. 27	17	893	0.0130	0.6832
Oct. 28	14	907	0.0107	0.6940
Oct. 29	39	946	0.0298	0.7238
Oct. 30	41	987	0.0314	0.7552
Oct. 31	20	1,007	0.0153	0.7705

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Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Nov.	1	41	1,048	0.0314	0.8018
Nov.	2	13	1,061	0.0099	0.8118
Nov.	3	7	1,068	0.0054	0.8171
Nov.	4	22	1,090	0.0168	0.8340
Nov.	5	25	1,115	0.0191	0.8531
Nov.	6	47	1,162	0.0360	0.8891
Nov.	7	38	1,200	0.0291	0.9181
Nov.	8	13	1,213	0.0099	0.9281
Nov.	9	11	1,224	0.0084	0.9365
Nov.	10	23	1,247	0.0176	0.9541
Nov.	11	9	1,256	0.0069	0.9610
Nov.	12	6	1,262	0.0046	0.9656
Nov.	13	11	1,273	0.0084	0.9740
Nov.	14	34	1,307	0.0260	1.0000

Mean Day of Migration = Oct. 16 Variance = 311.9 Days squared

[a] Weir in and fish tight on June 18, 1988.
[b] First coho passed on this date.
[c] Weir nonfunctional due to high water.

Appendix A.29. Chilkoot Lake (Stream No. 115-33-020) weir counts of non-jack coho salmon, 1988[a].

Date	Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Aug. 24 [b]	1	1	0.0007	0.0007
Aug. 25	0	1	0.0000	0.0007
Aug. 26	0	1	0.0000	0.0007
Aug. 27	0	1	0.0000	0.0007
Aug. 28	0	1	0.0000	0.0007
Aug. 29	0	1	0.0000	0.0007
Aug. 30	0	1	0.0000	0.0007
Aug. 31	0	1	0.0000	0.0007
Sept. 1	0	1	0.0000	0.0007
Sept. 2	0	1	0.0000	0.0007
Sept. 3	1	2	0.0007	0.0014
Sept. 4	1	3	0.0007	0.0021
Sept. 5	2	5	0.0014	0.0035
Sept. 6	4	9	0.0028	0.0063
Sept. 7	4	13	0.0028	0.0091
Sept. 8	3	16	0.0021	0.0112
Sept. 9	1	17	0.0007	0.0119
Sept. 10	6	23	0.0042	0.0162
Sept. 11	11	34	0.0077	0.0239
Sept. 12	7	41	0.0049	0.0288
Sept. 13	9	50	0.0063	0.0351
Sept. 14	2	52	0.0014	0.0365
Sept. 15	11	63	0.0077	0.0443
Sept. 16	13	76	0.0091	0.0534
Sept. 17	14	90	0.0098	0.0632
Sept. 18	3	93	0.0021	0.0654
Sept. 19	3	96	0.0021	0.0675
Sept. 20	19	115	0.0134	0.0808
Sept. 21	17	132	0.0119	0.0928
Sept. 22	13	145	0.0091	0.1019
Sept. 23	40	185	0.0281	0.1300
Sept. 24	48	233	0.0337	0.1637
Sept. 25	55	288	0.0387	0.2024
Sept. 26	38	326	0.0267	0.2291
Sept. 27	57	383	0.0401	0.2691
Sept. 28	57	440	0.0401	0.3092
Sept. 29	112	552	0.0787	0.3879
Sept. 30	99	651	0.0696	0.4575
Oct. 1	63	714	0.0443	0.5018
Oct. 2	116	830	0.0815	0.5833
Oct. 3	124	954	0.0871	0.6704
Oct. 4	96	1,050	0.0675	0.7379
Oct. 5 [c]	0	1,050	0.0000	0.7379
Oct. 6	0	1,050	0.0000	0.7379
Oct. 7	0	1,050	0.0000	0.7379
Oct. 8	0	1,050	0.0000	0.7379
Oct. 9	0	1,050	0.0000	0.7379
Oct. 10	6	1,056	0.0042	0.7421
Oct. 11	10	1,066	0.0070	0.7491
Oct. 12	19	1,085	0.0134	0.7625
Oct. 13	18	1,103	0.0126	0.7751
Oct. 14	11	1,114	0.0077	0.7829
Oct. 15	18	1,132	0.0126	0.7955
Oct. 16	17	1,149	0.0119	0.8074
Oct. 17	23	1,172	0.0162	0.8236
Oct. 18	12	1,184	0.0084	0.8320

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Date		Daily Count	Cumulative Count	Daily Proportion of Total	Cumulative Proportion of Total
Oct.	19	36	1,220	0.0253	0.8573
Oct.	20	12	1,232	0.0084	0.8658
Oct.	21	12	1,244	0.0084	0.8742
Oct.	22	10	1,254	0.0070	0.8812
Oct.	23	7	1,261	0.0049	0.8862
Oct.	24	14	1,275	0.0098	0.8960
Oct.	25	12	1,287	0.0084	0.9044
Oct.	26	21	1,308	0.0148	0.9192
Oct.	27	21	1,329	0.0148	0.9339
Oct.	28	13	1,342	0.0091	0.9431
Oct.	29	2	1,344	0.0014	0.9445
Oct.	30	2	1,346	0.0014	0.9459
Oct.	31	3	1,349	0.0021	0.9480
Nov.	1	5	1,354	0.0035	0.9515
Nov.	2	11	1,365	0.0077	0.9592
Nov.	3	3	1,368	0.0021	0.9613
Nov.	4	1	1,369	0.0007	0.9621
Nov.	5	1	1,370	0.0007	0.9628
Nov.	6	4	1,374	0.0028	0.9656
Nov.	7	8	1,382	0.0056	0.9712
Nov.	8	10	1,392	0.0070	0.9782
Nov.	9	17	1,409	0.0119	0.9902
Nov.	10	5	1,414	0.0035	0.9937
Nov.	11	9	1,423	0.0063	1.0000
Nov.	12	0	1,423	0.0000	1.0000

Mean Day of Migration = Oct. 4 Variance = 172.9 Days squared

[a] Weir fish tight on June 8, 1988.
[b] First coho counted on this date.
[c] Weir was nonfunctional due to high water.

Appendix B.1. Traditional troll fishing periods in Southeast Alaska by opening name, district, opening date, closing date, and statistical week, 1988.

Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
101 Troll	27	Troll	101	07/01 00:00	07/02 23:59	27
	28	Troll	101	07/03 00:00	07/09 23:59	28
	29	Troll	101	07/10 00:00	07/16 23:59	29
	30	Troll	101	07/17 00:00	07/23 23:59	30
	31	Troll	101	07/24 00:00	07/25 23:59	31
	32	Troll	101	08/05 00:00	08/06 23:59	32
	33	Troll	101	08/07 00:00	08/13 23:59	33
	34	Troll	101	08/14 00:00	08/14 23:59	34
	35	Troll	101	08/25 00:00	08/27 23:59	35
	36	Troll	101	08/28 00:00	08/31 23:59	36
102 Troll	27	Troll	102	07/01 00:00	07/02 23:59	27
	28	Troll	102	07/03 00:00	07/09 23:59	28
	29	Troll	102	07/10 00:00	07/16 23:59	29
	30	Troll	102	07/17 00:00	07/23 23:59	30
	31	Troll	102	07/24 00:00	07/25 23:59	31
	32	Troll	102	08/05 00:00	08/06 23:59	32
	33	Troll	102	08/07 00:00	08/13 23:59	33
	34	Troll	102	08/14 00:00	08/14 23:59	34
	35	Troll	102	08/25 00:00	08/27 23:59	35
	36	Troll	102	08/28 00:00	08/31 23:59	36
103 Troll	27	Troll	103	07/01 00:00	07/02 23:59	27
	28	Troll	103	07/03 00:00	07/09 23:59	28
	29	Troll	103	07/10 00:00	07/16 23:59	29
	30	Troll	103	07/17 00:00	07/23 23:59	30
	31	Troll	103	07/24 00:00	07/25 23:59	31
	32	Troll	103	08/05 00:00	08/06 23:59	32
	33	Troll	103	08/07 00:00	08/13 23:59	33
	34	Troll	103	08/14 00:00	08/14 23:59	34
	35	Troll	103	08/25 00:00	08/27 23:59	35
	36	Troll	103	08/28 00:00	08/31 23:59	36
104 Troll	27	Troll	104	07/01 00:00	07/02 23:59	27
	28	Troll	104	07/03 00:00	07/09 23:59	28
	29	Troll	104	07/10 00:00	07/16 23:59	29
	30	Troll	104	07/17 00:00	07/23 23:59	30
	31	Troll	104	07/24 00:00	07/25 23:59	31

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Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
104 Troll (cont.)	32	Troll	104	08/05 00:00	08/06 23:59	32
	33	Troll	104	08/07 00:00	08/13 23:59	33
	34	Troll	104	08/14 00:00	08/14 23:59	34
	35	Troll	104	08/25 00:00	08/27 23:59	35
	36	Troll	104	08/28 00:00	08/31 23:59	36
105 Troll	27	Troll	105	07/01 00:00	07/02 23:59	27
	28	Troll	105	07/03 00:00	07/09 23:59	28
	29	Troll	105	07/10 00:00	07/16 23:59	29
	30	Troll	105	07/17 00:00	07/23 23:59	30
	31	Troll	105	07/24 00:00	07/25 23:59	31
	32	Troll	105	08/05 00:00	08/06 23:59	32
	33	Troll	105	08/07 00:00	08/13 23:59	33
	34	Troll	105	08/14 00:00	08/14 23:59	34
	35	Troll	105	08/25 00:00	08/27 23:59	35
	36	Troll	105	08/28 00:00	08/31 23:59	36
106 Troll	27	Troll	106	07/01 00:00	07/02 23:59	27
	28	Troll	106	07/03 00:00	07/09 23:59	28
	29	Troll	106	07/10 00:00	07/16 23:59	29
	30	Troll	106	07/17 00:00	07/23 23:59	30
	31	Troll	106	07/24 00:00	07/25 23:59	31
	32	Troll	106	08/05 00:00	08/06 23:59	32
	33	Troll	106	08/07 00:00	08/13 23:59	33
	34	Troll	106	08/14 00:00	08/14 23:59	34
	35	Troll	106	08/25 00:00	08/27 23:59	35
	36	Troll	106	08/28 00:00	08/31 23:59	36
107 Troll	27	Troll	107	07/01 00:00	07/02 23:59	27
	28	Troll	107	07/03 00:00	07/09 23:59	28
	29	Troll	107	07/10 00:00	07/16 23:59	29
	30	Troll	107	07/17 00:00	07/23 23:59	30
	31	Troll	107	07/24 00:00	07/25 23:59	31
	32	Troll	107	08/05 00:00	08/06 23:59	32
	33	Troll	107	08/07 00:00	08/13 23:59	33
	34	Troll	107	08/14 00:00	08/14 23:59	34
	35	Troll	107	08/25 00:00	08/27 23:59	35
	36	Troll	107	08/28 00:00	08/31 23:59	36

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Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
108 Troll	27	Troll	108	07/01 00:00	07/02 23:59	27
	28	Troll	108	07/03 12:01	07/05 12:00	28
	29	Troll	108	07/10 12:01	07/12 12:00	29
	30	Troll	108	07/17 00:00	07/23 23:59	30
	31	Troll	108	07/24 00:00	07/25 23:59	31
	32	Troll	108	08/05 00:00	08/06 23:59	32
	33	Troll	108	08/07 00:00	08/13 23:59	33
	34	Troll	108	08/14 00:00	08/14 23:59	34
	35	Troll	108	08/25 00:00	08/27 23:59	35
	36	Troll	108	08/28 00:00	08/31 23:59	36
109 Troll	27	Troll	109	07/01 00:00	07/02 23:59	27
	28	Troll	109	07/03 00:00	07/09 23:59	28
	29	Troll	109	07/10 00:00	07/16 23:59	29
	30	Troll	109	07/17 00:00	07/23 23:59	30
	31	Troll	109	07/24 00:00	07/25 23:59	31
	32	Troll	109	08/05 00:00	08/06 23:59	32
	33	Troll	109	08/07 00:00	08/13 23:59	33
	34	Troll	109	08/14 00:00	08/14 23:59	34
	35	Troll	109	08/25 00:00	08/27 23:59	35
	36	Troll	109	08/28 00:00	08/31 23:59	36
110 Troll	27	Troll	110	07/01 00:00	07/02 23:59	27
	28	Troll	110	07/03 00:00	07/09 23:59	28
	29	Troll	110	07/10 00:00	07/16 23:59	29
	30	Troll	110	07/17 00:00	07/23 23:59	30
	31	Troll	110	07/24 00:00	07/25 23:59	31
	32	Troll	110	08/05 00:00	08/06 23:59	32
	33	Troll	110	08/07 00:00	08/13 23:59	33
	34	Troll	110	08/14 00:00	08/14 23:59	34
	35	Troll	110	08/25 00:00	08/27 23:59	35
	36	Troll	110	08/28 00:00	08/31 23:59	36
111 Troll	27	Troll	111	07/01 00:00	07/02 23:59	27
	28	Troll	111	07/03 00:00	07/09 23:59	28
	29	Troll	111	07/10 00:00	07/16 23:59	29
	30	Troll	111	07/17 00:00	07/23 23:59	30
	31	Troll	111	07/24 00:00	07/25 23:59	31
	32	Troll	111	08/05 00:00	08/06 23:59	32

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Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
111 Troll (cont.)	33	Troll	111	08/07 00:00	08/13 23:59	33
	34	Troll	111	08/14 00:00	08/14 23:59	34
	35	Troll	111	08/25 00:00	08/27 23:59	35
	36	Troll	111	08/28 00:00	08/31 23:59	36
112 Troll	27	Troll	112	07/01 00:00	07/02 23:59	27
	28	Troll	112	07/03 00:00	07/09 23:59	28
	29	Troll	112	07/10 00:00	07/16 23:59	29
	30	Troll	112	07/17 00:00	07/23 23:59	30
	31	Troll	112	07/24 00:00	07/25 23:59	31
	32	Troll	112	08/05 00:00	08/06 23:59	32
	33	Troll	112	08/07 00:00	08/13 23:59	33
	34	Troll	112	08/14 00:00	08/14 23:59	34
	35	Troll	112	08/25 00:00	08/27 23:59	35
	36	Troll	112	08/28 00:00	08/31 23:59	36
113 Troll	27	Troll	113	07/01 00:00	07/02 23:59	27
	28	Troll	113	07/03 00:00	07/09 23:59	28
	29	Troll	113	07/10 00:00	07/16 23:59	29
	30	Troll	113	07/17 00:00	07/23 23:59	30
	31	Troll	113	07/24 00:00	07/25 23:59	31
	32	Troll	113	08/05 00:00	08/06 23:59	32
	33	Troll	113	08/07 00:00	08/13 23:59	33
	34	Troll	113	08/14 00:00	08/14 23:59	34
	35	Troll	113	08/25 00:00	08/27 23:59	35
	36	Troll	113	08/28 00:00	08/31 23:59	36
114 Troll	27	Troll	114	07/01 00:00	07/02 23:59	27
	28	Troll	114	07/03 00:00	07/09 23:59	28
	29	Troll	114	07/10 00:00	07/16 23:59	29
	30	Troll	114	07/17 00:00	07/23 23:59	30
	31	Troll	114	07/24 00:00	07/25 23:59	31
	32	Troll	114	08/05 00:00	08/06 23:59	32
	33	Troll	114	08/07 00:00	08/13 23:59	33
	34	Troll	114	08/14 00:00	08/14 23:59	34
	35	Troll	114	08/25 00:00	08/27 23:59	35
	36	Troll	114	08/28 00:00	08/31 23:59	36

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Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
115 Troll	27	Troll	115	07/01 00:00	07/02 23:59	27
	28	Troll	115	07/03 00:00	07/09 23:59	28
	29	Troll	115	07/10 00:00	07/16 23:59	29
	30	Troll	115	07/17 00:00	07/18 23:59	30
	31	Troll	115	07/25 00:00	07/30 23:59	31
	32	Troll	115	07/31 00:00	08/01 23:59	32
	33	Troll	115	08/08 00:00	08/13 23:59	33
	34	Troll	115	08/14 00:00	08/15 23:59	34
	35	Troll	115	08/22 00:00	08/27 23:59	35
	36	Troll	115	08/28 00:00	08/29 23:59	36
	37	Troll	115	09/05 00:00	09/10 23:59	37
	38	Troll	115	09/11 00:00	09/12 23:59	38
116 Troll	27	Troll	116	07/01 00:00	07/02 23:59	27
	28	Troll	116	07/03 00:00	07/09 23:59	28
	29	Troll	116	07/10 00:00	07/16 23:59	29
	30	Troll	116	07/17 00:00	07/23 23:59	30
	31	Troll	116	07/24 00:00	07/25 23:59	31
	32	Troll	116	08/05 00:00	08/06 23:59	32
	33	Troll	116	08/07 00:00	08/13 23:59	33
	34	Troll	116	08/14 00:00	08/14 23:59	34
	35	Troll	116	08/25 00:00	08/27 23:59	35
	36	Troll	116	08/28 00:00	08/31 23:59	36
152 Troll	27	Troll	152	07/01 00:00	07/02 23:59	27
	28	Troll	152	07/03 00:00	07/09 23:59	28
	29	Troll	152	07/10 00:00	07/16 23:59	29
	30	Troll	152	07/17 00:00	07/23 23:59	30
	31	Troll	152	07/24 00:00	07/25 23:59	31
	32	Troll	152	08/05 00:00	08/06 23:59	32
	33	Troll	152	08/07 00:00	08/13 23:59	33
	34	Troll	152	08/14 00:00	08/14 23:59	34
	35	Troll	152	08/25 00:00	08/27 23:59	35
	36	Troll	152	08/28 00:00	08/31 23:59	36

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Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
154 Troll	27	Troll	154	07/01 00:00	07/02 23:59	27
	28	Troll	154	07/03 00:00	07/09 23:59	28
	29	Troll	154	07/10 00:00	07/16 23:59	29
	30	Troll	154	07/17 00:00	07/23 23:59	30
	31	Troll	154	07/24 00:00	07/25 23:59	31
	32	Troll	154	08/05 00:00	08/06 23:59	32
	33	Troll	154	08/07 00:00	08/13 23:59	33
	34	Troll	154	08/14 00:00	08/14 23:59	34
	35	Troll	154	08/25 00:00	08/27 23:59	35
	36	Troll	154	08/28 00:00	08/31 23:59	36
156 Troll	27	Troll	156	07/01 00:00	07/02 23:59	27
	28	Troll	156	07/03 00:00	07/09 23:59	28
	29	Troll	156	07/10 00:00	07/16 23:59	29
	30	Troll	156	07/17 00:00	07/23 23:59	30
	31	Troll	156	07/24 00:00	07/25 23:59	31
	32	Troll	156	08/05 00:00	08/06 23:59	32
	33	Troll	156	08/07 00:00	08/13 23:59	33
	34	Troll	156	08/14 00:00	08/14 23:59	34
	35	Troll	156	08/25 00:00	08/27 23:59	35
	36	Troll	156	08/28 00:00	08/31 23:59	36
157 Troll	27	Troll	157	07/01 00:00	07/02 23:59	27
	28	Troll	157	07/03 00:00	07/09 23:59	28
	29	Troll	157	07/10 00:00	07/16 23:59	29
	30	Troll	157	07/17 00:00	07/23 23:59	30
	31	Troll	157	07/24 00:00	07/25 23:59	31
	32	Troll	157	08/05 00:00	08/06 23:59	32
	33	Troll	157	08/07 00:00	08/13 23:59	33
	34	Troll	157	08/14 00:00	08/14 23:59	34
	35	Troll	157	08/25 00:00	08/27 23:59	35
	36	Troll	157	08/28 00:00	08/31 23:59	36
181 Troll	27	Troll	181	07/01 00:00	07/02 23:59	27
	28	Troll	181	07/03 00:00	07/09 23:59	28
	29	Troll	181	07/10 00:00	07/16 23:59	29
	30	Troll	181	07/17 00:00	07/23 23:59	30
	31	Troll	181	07/24 00:00	07/25 23:59	31
	32	Troll	181	08/05 00:00	08/06 23:59	32

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Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
181 Troll (cont.)	33	Troll	181	08/07 12:01	08/10 12:00	33
	34	Troll	181	08/15 12:01	08/17 12:00	34
	35	Troll	181	08/21 12:01	08/27 12:00	35
	36	Troll	181	08/29 12:01	09/01 12:00	36
183 Troll	27	Troll	183	07/01 00:00	07/02 23:59	27
	28	Troll	183	07/03 00:00	07/09 23:59	28
	29	Troll	183	07/10 00:00	07/16 23:59	29
	30	Troll	183	07/17 00:00	07/23 23:59	30
	31	Troll	183	07/24 00:00	07/25 23:59	31
	32	Troll	183	08/05 00:00	08/06 23:59	32
	33	Troll	183	08/07 12:01	08/10 12:00	33
	34	Troll	183	08/15 12:01	08/17 12:00	34
	35	Troll	183	08/21 12:01	08/24 12:00	35
	36	Troll	183	08/29 12:01	09/01 12:00	36
186 Troll	27	Troll	186	07/01 00:00	07/02 23:59	27
	28	Troll	186	07/03 00:00	07/09 23:59	28
	29	Troll	186	07/10 00:00	07/16 23:59	29
	30	Troll	186	07/17 00:00	07/23 23:59	30
	31	Troll	186	07/24 00:00	07/25 23:59	31
	32	Troll	186	08/05 00:00	08/06 23:59	32
	33	Troll	186	08/07 12:01	08/10 12:00	33
	34	Troll	186	08/15 12:01	08/17 12:00	34
	35	Troll	186	08/21 12:01	08/24 12:00	35
	36	Troll	186	08/29 12:01	09/01 12:00	36
189 Troll	27	Troll	189	07/01 00:00	07/02 23:59	27
	28	Troll	189	07/03 00:00	07/09 23:59	28
	29	Troll	189	07/10 00:00	07/16 23:59	29
	30	Troll	189	07/17 00:00	07/23 23:59	30
	31	Troll	189	07/24 00:00	07/25 23:59	31
	32	Troll	189	08/05 00:00	08/06 23:59	32
	33	Troll	189	08/07 00:00	08/13 23:59	33
	34	Troll	189	08/14 00:00	08/14 23:59	34
	35	Troll	189	08/25 00:00	08/27 23:59	35
	36	Troll	189	08/28 00:00	08/31 23:59	36

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Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
191 Troll	27	Troll	191	07/01 00:00	07/02 23:59	27
	28	Troll	191	07/03 00:00	07/09 23:59	28
	29	Troll	191	07/10 00:00	07/16 23:59	29
	30	Troll	191	07/17 00:00	07/23 23:59	30
	31	Troll	191	07/24 00:00	07/25 23:59	31
	32	Troll	191	08/05 00:00	08/06 23:59	32
	33	Troll	191	08/07 00:00	08/13 23:59	33
	34	Troll	191	08/14 00:00	08/14 23:59	34
	35	Troll	191	08/25 00:00	08/27 23:59	35
	36	Troll	191	08/28 00:00	08/31 23:59	36

Appendix B.2. Traditional purse seine fishing periods in Southeast Alaska by opening name, district, opening date, closing date, and statistical week, 1988.

Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
101 Seine	28	Seine	101	07/03 06:00	07/03 21:00	28
	29	Seine	101	07/10 06:00	07/10 21:00	29
	29B	Seine	101	07/14 06:00	07/14 21:00	29
	30	Seine	101	07/17 06:00	07/17 21:00	30
	31	Seine	101	07/24 06:00	07/24 21:00	31
	32	Seine	101	07/31 06:00	08/01 21:00	32
	33	Seine	101	08/07 06:00	08/07 21:00	33
	33B	Seine	101	08/10 06:00	08/11 21:00	33
	34	Seine	101	08/18 06:00	08/18 21:00	34
102 Seine	29	Seine	102	07/10 06:00	07/10 21:00	29
	29B	Seine	102	07/14 06:00	07/14 21:00	29
	30	Seine	102	07/17 06:00	07/17 21:00	30
	31	Seine	102	07/24 06:00	07/24 21:00	31
	32	Seine	102	07/31 06:00	08/01 21:00	32
	33	Seine	102	08/07 06:00	08/07 21:00	33
	33B	Seine	102	08/10 06:00	08/11 21:00	33
	34	Seine	102	08/18 06:00	08/18 21:00	34
	35	Seine	102	08/21 06:00	08/21 21:00	35
	35B	Seine	102	08/24 06:00	08/25 21:00	35
	36	Seine	102	08/28 06:00	08/28 21:00	36
	36B	Seine	102	09/01 06:00	09/01 21:00	36
	37	Seine	102	09/08 07:00	09/09 19:00	37
	38	Seine	102	09/12 07:00	09/12 19:00	38
	38B	Seine	102	09/15 07:00	09/15 19:00	38
	39	Seine	102	09/19 07:00	09/20 19:00	39
	39B	Seine	102	09/23 07:00	09/24 23:59	39
	40	Seine	102	09/25 00:00	10/01 23:59	40
	41	Seine	102	10/02 00:00	10/08 23:59	41
	42	Seine	102	10/09 00:00	10/15 23:59	42
	43	Seine	102	10/16 00:00	10/22 23:59	43
	44	Seine	102	10/23 00:00	10/24 19:00	44
103 Seine	34	Seine	103	08/18 06:00	08/18 21:00	34
	35	Seine	103	08/21 06:00	08/21 21:00	35
	35B	Seine	103	08/24 06:00	08/25 21:00	35
	36	Seine	103	08/28 06:00	08/28 21:00	36

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Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
103 Seine (cont.)	37	Seine	103	09/08 07:00	09/09 19:00	37
	38	Seine	103	09/12 07:00	09/12 19:00	38
	38B	Seine	103	09/15 07:00	09/15 19:00	38
	39	Seine	103	09/19 07:00	09/20 19:00	39
	39B	Seine	103	09/23 07:00	09/24 23:59	39
	40	Seine	103	09/25 00:00	09/26 19:00	40
104 Seine	28	Seine	104	07/03 06:00	07/04 21:00	28
	29	Seine	104	07/10 06:00	07/11 21:00	29
	29B	Seine	104	07/14 06:00	07/14 21:00	29
	30	Seine	104	07/17 06:00	07/17 21:00	30
	31	Seine	104	07/24 06:00	07/24 21:00	31
	32	Seine	104	07/31 06:00	08/01 21:00	32
	33	Seine	104	08/07 06:00	08/07 21:00	33
	33B	Seine	104	08/10 06:00	08/11 21:00	33
	34	Seine	104	08/18 06:00	08/18 21:00	34
	35	Seine	104	08/21 06:00	08/21 21:00	35
	35B	Seine	104	08/24 06:00	08/25 21:00	35
	36	Seine	104	08/28 06:00	08/28 21:00	36
	36B	Seine	104	09/01 06:00	09/01 21:00	36
112 Sitka Seine	28	Seine	112	07/03 06:00	07/03 21:00	28
	29	Seine	112	07/10 06:00	07/10 21:00	29
	30	Seine	112	07/17 06:00	07/17 21:00	30
	33	Seine	112	08/07 06:00	08/07 21:00	33
	33B	Seine	112	08/10 06:00	08/10 21:00	33
	34	Seine	112	08/14 06:00	08/14 21:00	34
	35B	Seine	112	08/24 06:00	08/24 21:00	35
	36	Seine	112	08/28 06:00	08/28 21:00	36
	36B	Seine	112	09/01 06:00	09/01 21:00	36
Affleck Canal Seine	31	Seine	105	07/24 06:00	07/24 21:00	31
	36	Seine	105	08/28 06:00	08/28 21:00	36
	36B	Seine	105	09/01 06:00	09/01 21:00	36
Basket Bay Shore Seine	34	Seine	112	08/14 06:00	08/14 21:00	34
	36	Seine	112	08/28 06:00	08/28 21:00	36
	36B	Seine	112	09/01 06:00	09/01 21:00	36
Beauclerc/No Name Seine	31	Seine	105	07/24 06:00	07/24 21:00	31

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Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
Camden/Kadake Bay Seine	33	Seine	109	08/07 06:00	08/07 21:00	33
	33B	Seine	109	08/10 06:00	08/10 21:00	33
	35	Seine	109	08/21 06:00	08/21 21:00	35
	37	Seine	109	09/08 07:00	09/08 19:00	37
	39	Seine	109	09/19 07:00	09/19 19:00	39
	39B	Seine	109	09/23 07:00	09/23 19:00	39
Eliza/Herring/Tyee Seine	29	Seine	109	07/10 06:00	07/10 21:00	29
	30	Seine	109	07/17 06:00	07/17 21:00	30
	31	Seine	109	07/24 06:00	07/24 21:00	31
	37	Seine	109	09/08 07:00	09/08 19:00	37
Excursion Inlet Seine	35	Seine	114	08/21 07:00	08/21 19:00	35
	38	Seine	114	09/12 07:00	09/12 19:00	38
Farragut/Cat/Big/Pinta SN	29	Seine	110	07/10 06:00	07/10 21:00	29
Khaz Bay Seine	28	Seine	113	07/03 06:00	07/03 21:00	28
	29	Seine	113	07/10 06:00	07/10 21:00	29
	29B	Seine	113	07/14 06:00	07/14 21:00	29
	33	Seine	113	08/07 06:00	08/07 21:00	33
Kingsmill/Washingtn Seine	30	Seine	109	07/17 06:00	07/17 21:00	30
	31	Seine	109	07/24 06:00	07/24 21:00	31
	33	Seine	109	08/07 06:00	08/07 21:00	33
	33B	Seine	109	08/10 06:00	08/10 21:00	33
	35	Seine	109	08/21 06:00	08/21 21:00	35
	35B	Seine	109	08/24 06:00	08/24 21:00	35
	36B	Seine	109	09/01 06:00	09/01 21:00	36
	37	Seine	109	09/08 07:00	09/08 19:00	37
	39B	Seine	109	09/23 07:00	09/23 19:00	39
Lower Admiralty Seine	28	Seine	112	07/03 06:00	07/03 21:00	28
	31	Seine	112	07/24 06:00	07/24 21:00	31
Malmesbury/Table Bay SN	30	Seine	109	07/17 06:00	07/17 21:00	30
	35	Seine	109	08/21 06:00	08/21 21:00	35
	35B	Seine	109	08/24 06:00	08/24 21:00	35
	36	Seine	109	08/28 06:00	08/28 21:00	36
	36B	Seine	109	09/01 06:00	09/01 21:00	36
	37	Seine	109	09/08 07:00	09/08 19:00	37
Peril Strait Seine	28	Seine	113	07/03 06:00	07/03 21:00	28
	29	Seine	113	07/10 06:00	07/10 21:00	29

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Appendix B.2. (page 4 of 5)

Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
Port Frederick Seine	28	Seine	114	07/03 06:00	07/03 21:00	28
	29	Seine	114	07/10 06:00	07/10 21:00	29
	29B	Seine	114	07/14 06:00	07/14 21:00	29
	30	Seine	114	07/17 06:00	07/17 21:00	30
	31	Seine	114	07/24 06:00	07/24 21:00	31
Portlock Harbor Seine	28	Seine	113	07/03 06:00	07/03 21:00	28
	29	Seine	113	07/10 06:00	07/10 21:00	29
	29B	Seine	113	07/14 06:00	07/14 21:00	29
Redbluff Bay Seine	32	Seine	109	07/31 06:00	07/31 21:00	32
	33	Seine	109	08/07 06:00	08/07 21:00	33
	33B	Seine	109	08/10 06:00	08/10 21:00	33
	34	Seine	109	08/14 06:00	08/14 21:00	34
	35	Seine	109	08/21 06:00	08/21 21:00	35
	35B	Seine	109	08/24 06:00	08/25 21:00	35
	36	Seine	109	08/28 06:00	08/28 21:00	36
	36B	Seine	109	09/01 06:00	09/01 21:00	36
Redfish Bay Seine	33	Seine	113	08/07 06:00	08/07 21:00	33
Rowan/Pillars Seine	30	Seine	109	07/17 06:00	07/17 21:00	30
	31	Seine	109	07/24 06:00	07/24 21:00	31
	35	Seine	109	08/21 06:00	08/21 21:00	35
	35B	Seine	109	08/24 06:00	08/24 21:00	35
	37	Seine	109	09/08 07:00	09/08 19:00	37
Saginaw/Security Seine	31	Seine	109	07/24 06:00	07/24 21:00	31
	33	Seine	109	08/07 06:00	08/07 21:00	33
	33B	Seine	109	08/10 06:00	08/10 21:00	33
	36	Seine	109	08/28 06:00	08/28 21:00	36
	36B	Seine	109	09/01 06:00	09/01 21:00	36
	37	Seine	109	09/08 07:00	09/08 19:00	37
	39	Seine	109	09/19 07:00	09/19 19:00	39
	39B	Seine	109	09/23 07:00	09/23 19:00	39
Sitka Sound Seine	34	Seine	113	08/14 06:00	08/14 21:00	34
	35	Seine	113	08/21 06:00	08/21 21:00	35
	36B	Seine	113	09/01 06:00	09/01 21:00	36
	37	Seine	113	09/08 07:00	09/08 19:00	37

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Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
Tebenkof Bay Seine	30	Seine	109	07/17 06:00	07/17 21:00	30
	35	Seine	109	08/21 06:00	08/21 21:00	35
	35B	Seine	109	08/24 06:00	08/24 21:00	35
	36	Seine	109	08/28 06:00	08/28 21:00	36
	36B	Seine	109	09/01 06:00	09/01 21:00	36
	37	Seine	109	09/08 07:00	09/08 19:00	37
	39B	Seine	109	09/23 07:00	09/23 19:00	39
Tenakee Inlet Seine	28	Seine	112	07/03 06:00	07/03 21:00	28
	29	Seine	112	07/10 06:00	07/10 21:00	29
	29B	Seine	112	07/14 06:00	07/14 21:00	29
	34	Seine	112	08/14 06:00	08/14 21:00	34
Upper Chatham Seine	33	Seine	112	08/07 06:00	08/07 21:00	33
	33B	Seine	112	08/10 06:00	08/10 21:00	33
West Crawfish Inlet Seine	28	Seine	113	07/03 06:00	07/03 21:00	28
	29	Seine	113	07/10 06:00	07/10 21:00	29
	29B	Seine	113	07/14 06:00	07/14 21:00	29
	31	Seine	113	07/24 06:00	07/24 21:00	31
Whale Bay Seine	28	Seine	113	07/03 06:00	07/03 21:00	28
	29	Seine	113	07/10 06:00	07/10 21:00	29
	29B	Seine	113	07/14 06:00	07/14 21:00	29

Appendix B.3. Traditional drift gill net fishing periods in Southeast Alaska by opening name, district, opening date, closing date, and statistical week, 1988.

Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
Frederick Sound Driftnet	26	Gillnet	108	06/19 12:01	06/21 12:00	26
	27	Gillnet	108	06/26 12:01	06/28 12:00	27
	28	Gillnet	108	07/03 12:01	07/05 12:00	28
	29	Gillnet	108	07/10 12:01	07/12 12:00	29
Lower Lynn Canal Driftnet	27	Gillnet	115	06/26 12:01	06/28 12:00	27
	28	Gillnet	115	07/03 12:01	07/05 12:00	28
	29	Gillnet	115	07/10 12:01	07/12 12:00	29
	30	Gillnet	115	07/17 12:01	07/19 12:00	30
	31	Gillnet	115	07/24 12:01	07/26 12:00	31
	32	Gillnet	115	07/31 12:01	08/02 12:00	32
	35	Gillnet	115	08/21 12:01	08/23 12:00	35
	36	Gillnet	115	08/28 12:01	08/30 12:00	36
	37	Gillnet	115	09/04 12:01	09/06 12:00	37
	38	Gillnet	115	09/11 12:01	09/13 12:00	38
	39	Gillnet	115	09/18 12:01	09/20 12:00	39
	40	Gillnet	115	09/25 12:01	09/26 12:00	40
	41	Gillnet	115	10/02 12:01	10/03 12:00	41
Portland Canal Driftnet	26	Gillnet	101	06/19 12:01	06/23 12:00	26
	27	Gillnet	101	06/26 12:01	06/30 12:00	27
	28	Gillnet	101	07/03 12:01	07/03 22:00	28
	28B	Gillnet	101	07/04 04:00	07/04 22:00	28
	28C	Gillnet	101	07/05 04:00	07/05 22:00	28
	28D	Gillnet	101	07/06 04:00	07/06 12:00	28
	29	Gillnet	101	07/10 12:01	07/14 12:00	29
	30	Gillnet	101	07/17 12:01	07/19 12:00	30
	31	Gillnet	101	07/24 12:01	07/26 12:00	31
	32	Gillnet	101	07/31 12:01	08/04 12:00	32
	32B	Gillnet	101	07/31 12:01	08/01 21:00	32
	33B	Gillnet	101	08/07 06:00	08/08 21:00	33
	33	Gillnet	101	08/07 12:01	08/12 12:00	33
	33C	Gillnet	101	08/10 06:00	08/11 21:00	33
	34	Gillnet	101	08/17 12:01	08/19 12:00	34
	34B	Gillnet	101	08/18 06:00	08/18 21:00	34
	35	Gillnet	101	08/21 06:00	08/21 21:00	35

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Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
	36B	Gillnet	101	08/28 06:00	08/28 21:00	36
	36	Gillnet	101	08/28 12:01	08/28 21:00	36
	36C	Gillnet	101	08/29 06:00	08/29 21:00	36
	36D	Gillnet	101	08/30 06:00	08/30 21:00	36
	37	Gillnet	101	09/04 12:01	09/04 18:00	37
	37B	Gillnet	101	09/05 06:00	09/06 18:00	37
	38	Gillnet	101	09/11 12:01	09/11 18:00	38
	38B	Gillnet	101	09/12 06:00	09/12 18:00	38
	38C	Gillnet	101	09/13 06:00	09/13 18:00	38
	39	Gillnet	101	09/18 12:01	09/18 18:00	39
	39B	Gillnet	101	09/19 06:00	09/19 18:00	39
	39C	Gillnet	101	09/20 06:00	09/20 18:00	39
Sumner Strait Driftnet	26	Gillnet	106	06/19 12:01	06/21 12:00	26
	27	Gillnet	106	06/26 12:01	06/28 12:00	27
	28	Gillnet	106	07/03 12:01	07/05 12:00	28
	29	Gillnet	106	07/10 12:01	07/13 12:00	29
	30	Gillnet	106	07/17 12:01	07/19 12:00	30
	31	Gillnet	106	07/24 12:01	07/26 12:00	31
	32	Gillnet	106	07/31 12:01	08/02 12:00	32
	33	Gillnet	106	08/07 12:01	08/08 12:00	33
	34	Gillnet	106	08/14 12:01	08/15 12:00	34
	35	Gillnet	106	08/21 12:01	08/22 12:00	35
Taku/Snettisham Driftnet	26	Gillnet	111	06/19 12:01	06/22 12:00	26
	27	Gillnet	111	06/26 12:01	06/29 12:00	27
	28	Gillnet	111	07/03 12:01	07/05 12:00	28
	29	Gillnet	111	07/10 12:01	07/13 12:00	29
	30	Gillnet	111	07/17 12:01	07/21 12:00	30
	31	Gillnet	111	07/24 12:01	07/26 12:00	31
	32	Gillnet	111	07/31 12:01	08/02 12:00	32
	33	Gillnet	111	08/07 12:01	08/10 12:00	33
	34	Gillnet	111	08/14 12:01	08/16 12:00	34
	35	Gillnet	111	08/21 12:01	08/23 12:00	35
	36	Gillnet	111	08/28 12:01	08/30 12:00	36
	37	Gillnet	111	09/04 12:01	09/06 12:00	37
	38	Gillnet	111	09/11 12:01	09/12 12:00	38
	39	Gillnet	111	09/18 12:01	09/19 12:00	39

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Fishery Name	Opening Name	Gear Class	District	Opening Date	Closing Date	Closing Week
Upper Clarence Strait DN	26	Gillnet	106	06/19 12:01	06/21 12:00	26
	27	Gillnet	106	06/26 12:01	06/28 12:00	27
	28	Gillnet	106	07/03 12:01	07/05 12:00	28
	29	Gillnet	106	07/10 12:01	07/13 12:00	29
	30	Gillnet	106	07/17 12:01	07/19 12:00	30
	31	Gillnet	106	07/24 12:01	07/26 12:00	31
	32	Gillnet	106	07/31 12:01	08/02 12:00	32
	33	Gillnet	106	08/07 12:01	08/08 12:00	33
	34	Gillnet	106	08/14 12:01	08/15 12:00	34
	35	Gillnet	106	08/21 12:01	08/22 12:00	35
	36	Gillnet	106	08/28 12:01	08/29 12:00	36
Upper Lynn Canal Driftnet	26	Gillnet	115	06/19 12:01	06/22 12:00	26
	27	Gillnet	115	06/26 12:01	06/28 12:00	27
	28	Gillnet	115	07/03 12:01	07/06 12:00	28
	29	Gillnet	115	07/10 12:01	07/13 12:00	29
	30	Gillnet	115	07/17 12:01	07/19 12:00	30
	31	Gillnet	115	07/24 12:01	07/27 12:00	31
	32	Gillnet	115	07/31 12:01	08/02 12:00	32
	33	Gillnet	115	08/08 12:01	08/10 12:00	33
	34	Gillnet	115	08/14 12:01	08/15 12:00	34
	35	Gillnet	115	08/21 12:01	08/24 12:00	35
	36	Gillnet	115	08/28 12:01	08/31 12:00	36
	37	Gillnet	115	09/04 12:01	09/06 12:00	37
	38	Gillnet	115	09/11 12:01	09/13 12:00	38
	39	Gillnet	115	09/18 12:01	09/20 12:00	39
	40	Gillnet	115	09/25 12:01	09/26 12:00	40
	41	Gillnet	115	10/02 12:01	10/03 12:00	41
Wrangell/Baht/K George DN	26	Gillnet	108	06/19 12:01	06/21 12:00	26
	27	Gillnet	108	06/26 12:01	06/28 12:00	27
	28	Gillnet	108	07/03 12:01	07/05 12:00	28

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