4K 88-10

ALASKA PENINSULA-ALEUTIAN ISLANDS AREA
CATCH AND ESCAPEMENT STATISTICS, 1986

By

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Regional Information Report[1] No. 4K 88-10

Alaska Department of Fish and Game
Division of Commercial Fisheries
211 Mission Road
Kodiak, Alaska, 99615

April 1988

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ACKNOWLEDGMENTS

Appreciation is due seasonal employees Tracy McKinion, Joann Mitchell, Doreen Sullivan, Conrad Brown, Chris Sundby, Rob Sylvester, Tim Perry, Dave Skordelis, Bob Berceli, Denise Saigh and Mike Whelan for their efforts in data collection and recording. Michael Hurley supervised the sampling crew at King Cove. The Alaska Peninsula-Aleutian Islands management staff, Arnie Shaul and Leonard Schwarz, provided portions of the catch and escapement data used in this report. Peter Pan Seafoods, Inc. personnel at Port Moller and King Cove were helpful in all phases of the project. Alan Johnson's suggestions on content and organization and biometric review of this document are appreciated. Barbara Monkiewicz opscanned, edited, and produced a Rbase data file. Thanks are also extended to Bruce Barrett and Dana Schmidt for supervisory support and editorial assistance. Appreciation is also due Lucinda Neel for administrative and clerical support.

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ABSTRACT

Commercial catch statistics, escapement estimates, and age, sex, and size data for chinook salmon (Oncorhynchus tshawytscha), sockeye salmon (O. nerka), pink salmon (O. gorbuscha), chum salmon (O. keta), and coho salmon (O. kisutch) are summarized for the Alaska Peninsula-Aleutian Islands Management Area for 1986. The total area commercial salmon harvest was 10,269,405 fish with the majority (70%) of the fish harvested in the South Alaska Peninsula. The catch composition was 17,340 chinook, 3,694,526 sockeye, 4,096,738 pink, 2,059,686 chum, and 401,115 coho salmon. The 1986 catch was 9% lower than the 1976-85 average of 11,218,840 salmon. Sockeye, chum, and coho catches were above the 1976-85 average, while the chinook and pink catches were below average. The majority of the chinook and sockeye salmon were caught in North Peninsula fisheries. The majority of the pink, chum, and coho salmon were caught in South Peninsula fisheries. The Alaska Peninsula escapement was 3,946,790 fish composed of 23,319 chinook, 807,537 sockeye, 2,082,663 pink, 865,499 chum, and 167,772 coho salmon. The Alaska Peninsula 1986 salmon escapement for all species combined was 6% lower than the 1976-85 average. The chinook, sockeye, pink, and chum escapement was respectively 53% higher, 21% lower, 2% lower, and 14% lower than the 1976-85 average; coho escapements were not closely monitored. The largest chinook escapements were on the North Peninsula at Nelson Lagoon and the Meshik River. The largest sockeye escapements were on the North Peninsula at Bear and Nelson Rivers. Pink escapements were largest on the South Peninsula at Suzy, Mino, Settlement Point, Middle, Coal, and Southern Creeks. Chum escapements were largest on the South Peninsula at Canoe Bay River, Belkofski Bay River, Russel Creek, and Joshua Green River. Age-1.5 accounted for 32% of the chinook harvest on the North Peninsula. Age-1.3 accounted for 42% of the sockeye harvest on the South Peninsula, followed by ages 2.3 (31%), and 2.2 (21%). Age-2.3 accounted for 37% of the sockeye harvest on the North Peninsula, followed by ages 1.3 (30%), and 2.2 (25%). Age-2.2 and 2.3 accounted for 35% each of the sockeye escapements on the North Peninsula, followed by ages 1.3 (15%), and 0.3 (10%). Age-0.3 accounted for 76% and 77%, respectively of the chum harvest on the South and North Peninsula, followed by age 0.4 (21% and 22%, respectively for the South and North Peninsula). Age-2.1 accounted for 70% of the coho harvest on the North Peninsula, followed by age 3.1 (25%). The average chinook length in the North Peninsula catch was 728 mm, and the male to female ratio was 0.6:1. The average sockeye length in the South and North Peninsula catch was 559 mm and 554 mm, respectively. The average sockeye length in the South and North Peninsula escapement was 545 mm and 529 mm, respectively. The sockeye male to female ratio was 1.1:1 and 0.7:1, respectively in the South and North Peninsula catch; and 1.0:1 and 1.1:1, respectively in the South and North Peninsula escapement. The average chum length in South and North Peninsula catch was 585 mm and 568 mm, respectively. The average coho length in the catch was 592 mm for the North Peninsula, and the male to female ratio was 1.1:1.

KEY WORDS: Alaska Peninsula, Aleutian Islands, salmon, catch, escapement, biological sampling, age, length, sex

INTRODUCTION

The objective of this report is to document major appendices for Fisheries Technical Report No. __, which includes an in-depth description of the objectives, methods, results, and discussion for the Alaska Peninsula-Aleutian Islands Management Area salmon catch and escapement studies for 1986.

METHODS

The methods for the 1986 study are described in McCullough (1988).

RESULTS AND DISCUSSION

The results and discussion for the 1986 report are described in McCullough (1988). Appendix A.1 list calendar weeks. Catch data for salmon are summarized by major area in Appendices A.2-A.8. Subsistence catch data for salmon are summarized in Appendix A.9. Fishing periods for each major area and for each gear type are summarized in Appendices B.1-B.3. Catch data for salmon are summarized in Appendices C.1-C.19 and D.1-D.25. Salmon escapement enumeration data are presented in Appendix E. Sockeye age, length, and sex composition information is presented in Appendix F. Chum age, length, and sex composition information are presented in Appendix G. Chinook and coho age, length, and sex composition information are presented in Appendix H. Bear River sockeye smolt data are summarized in Appendix I. Aerial survey counts are listed in Appendix J. Peak salmon counts and estimated escapements by stream are listed in Appendix K. Length and weight data from the commercial harvest are presented in Appendix L.

LITERATURE CITED

McCullough, J.N. 1988. Alaska Peninsula-Aleutian Islands Area catch and escapement statistics, 1986. Technical Fisheries Report __. Alaska Department of Fish and Game, Division of Commercial Fisheries, Juneau.

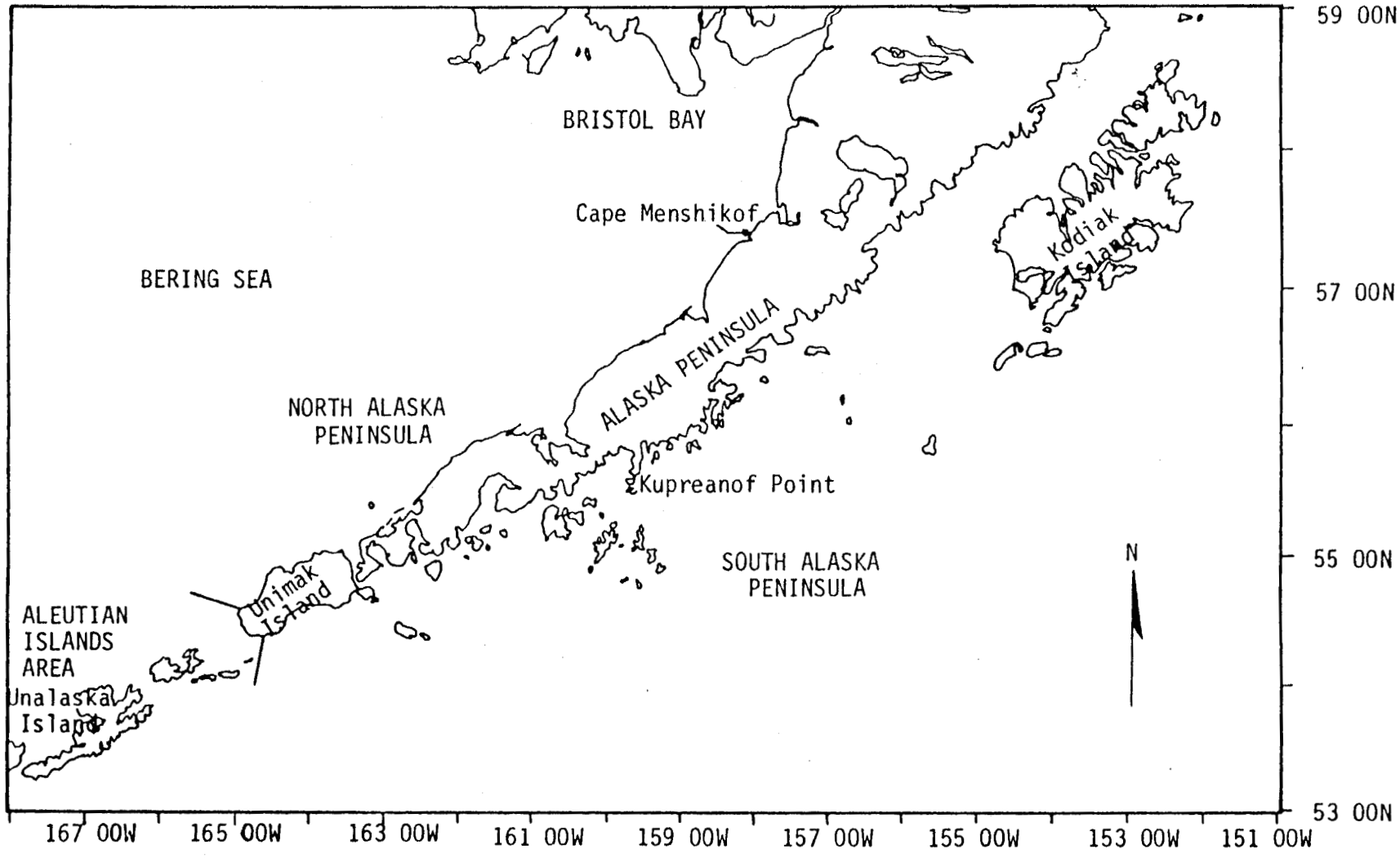

Figure 1. Map of the Alaska Peninsula and Eastern Aleutian Islands Management Area, the study on the Pacific portion of the map is from Kupreanof Point to Unalaska Island and on the Bering Sea from Unalaska Island to Cape Menshikof.

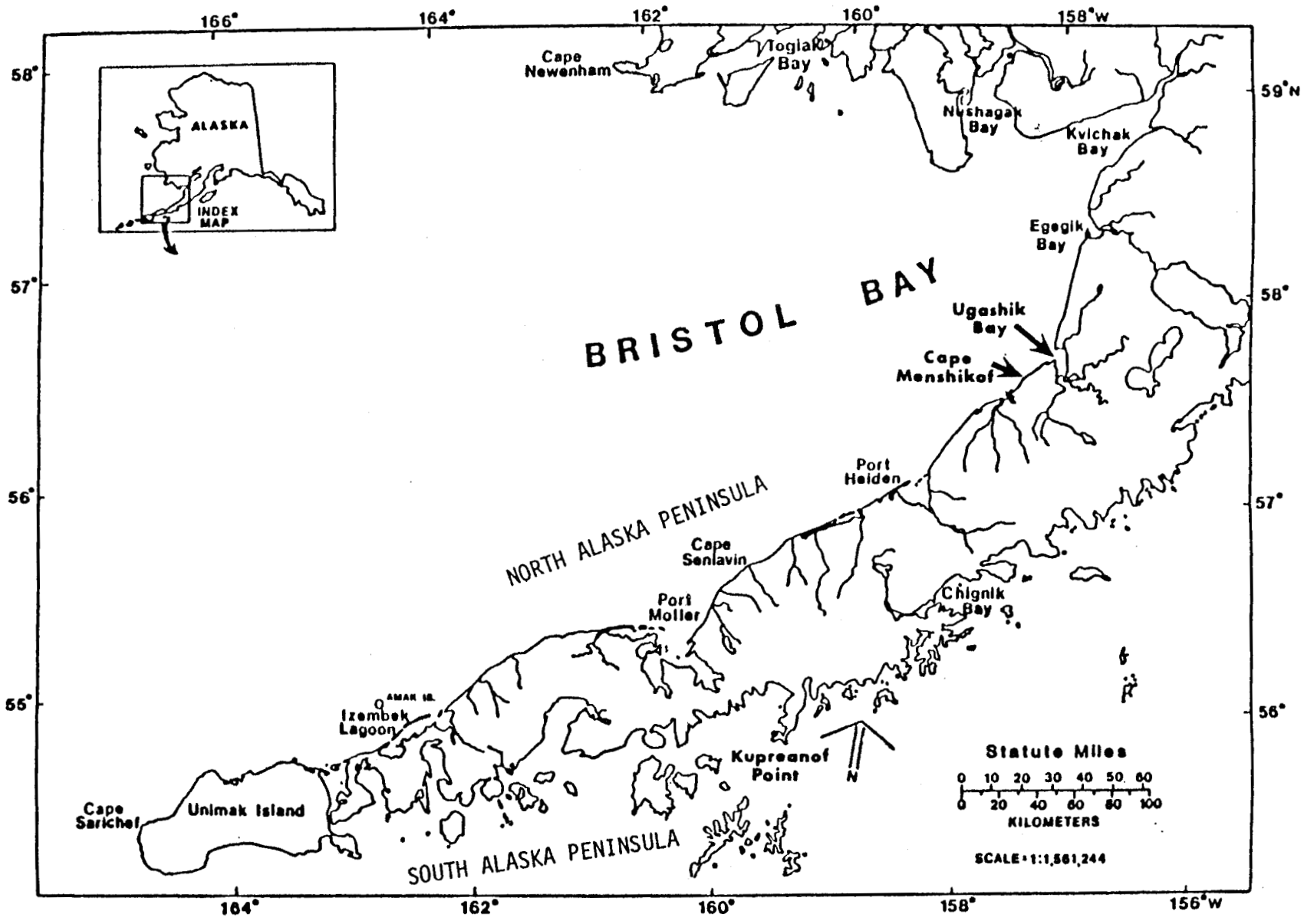

Figure 2. Map of the Alaska Peninsula from Kvichak Bay to Unimak Island.

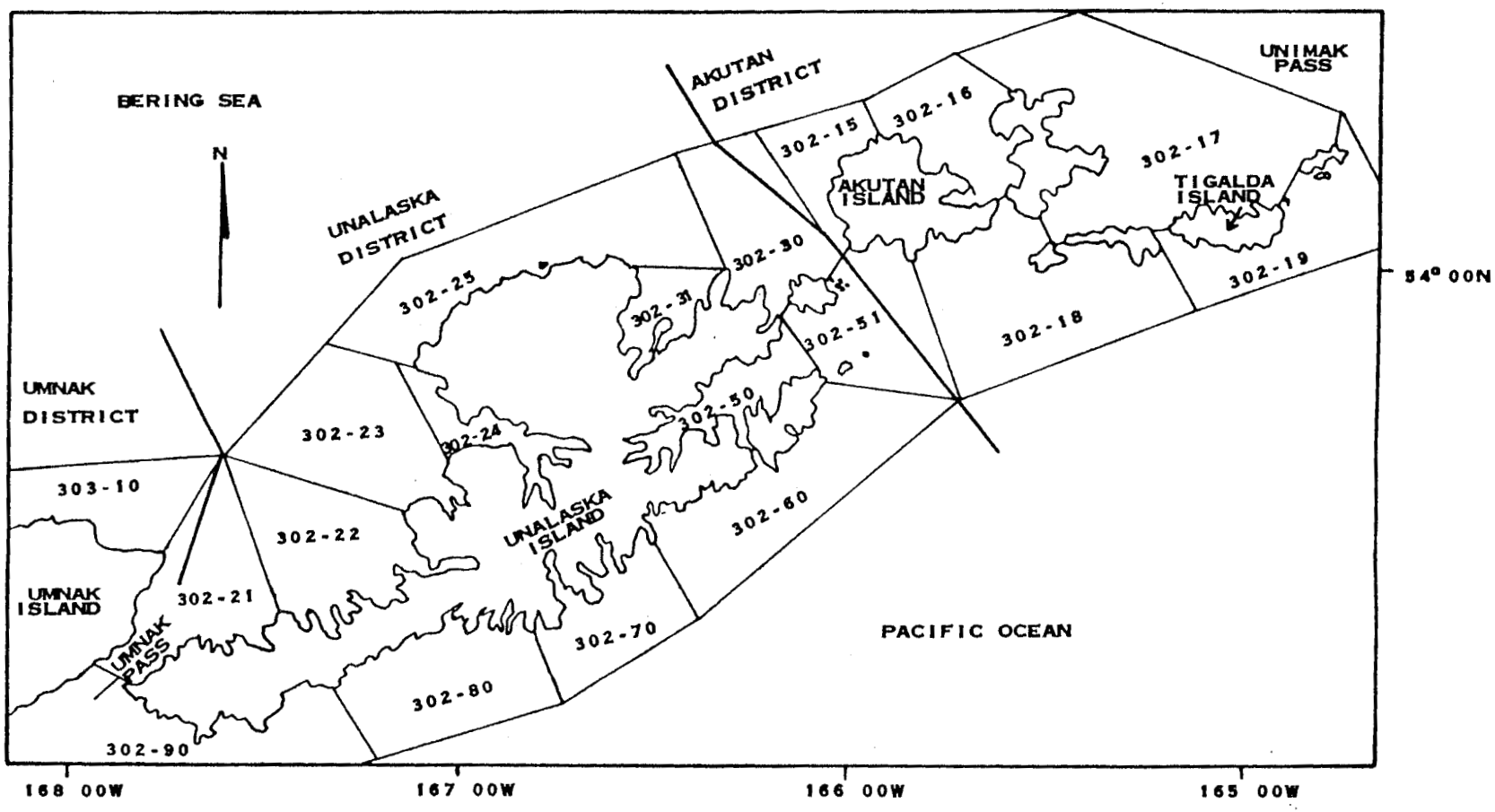

Figure 3. Map of the Aleutian Islands Management Area from Umnak Pass to Unimak Pass with the statistical salmon fishing areas defined.

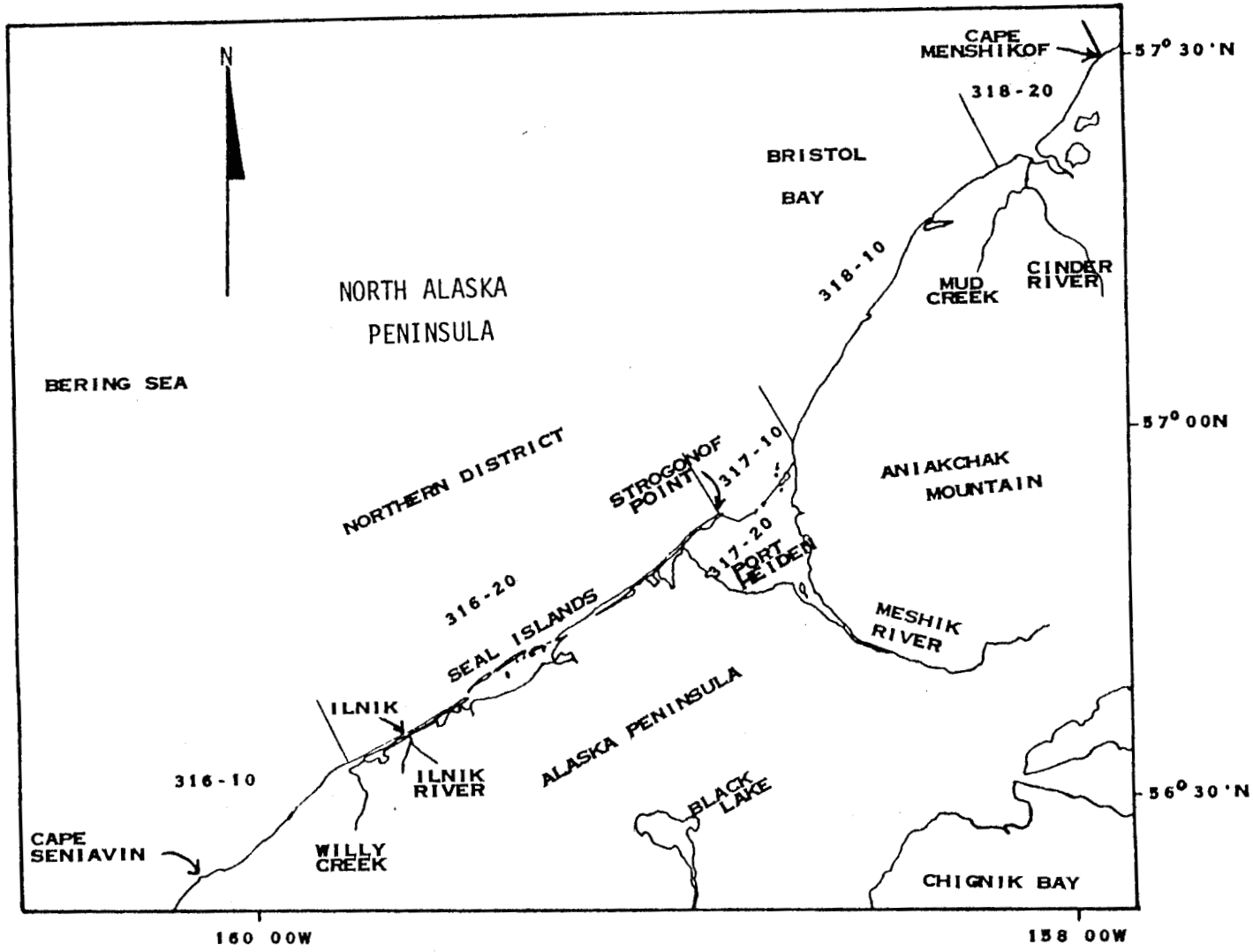

Figure 4. Map of the Alaska Peninsula Management Area from Cape Seniavin to Cape Menshikof with the statistical salmon fishing areas defined.

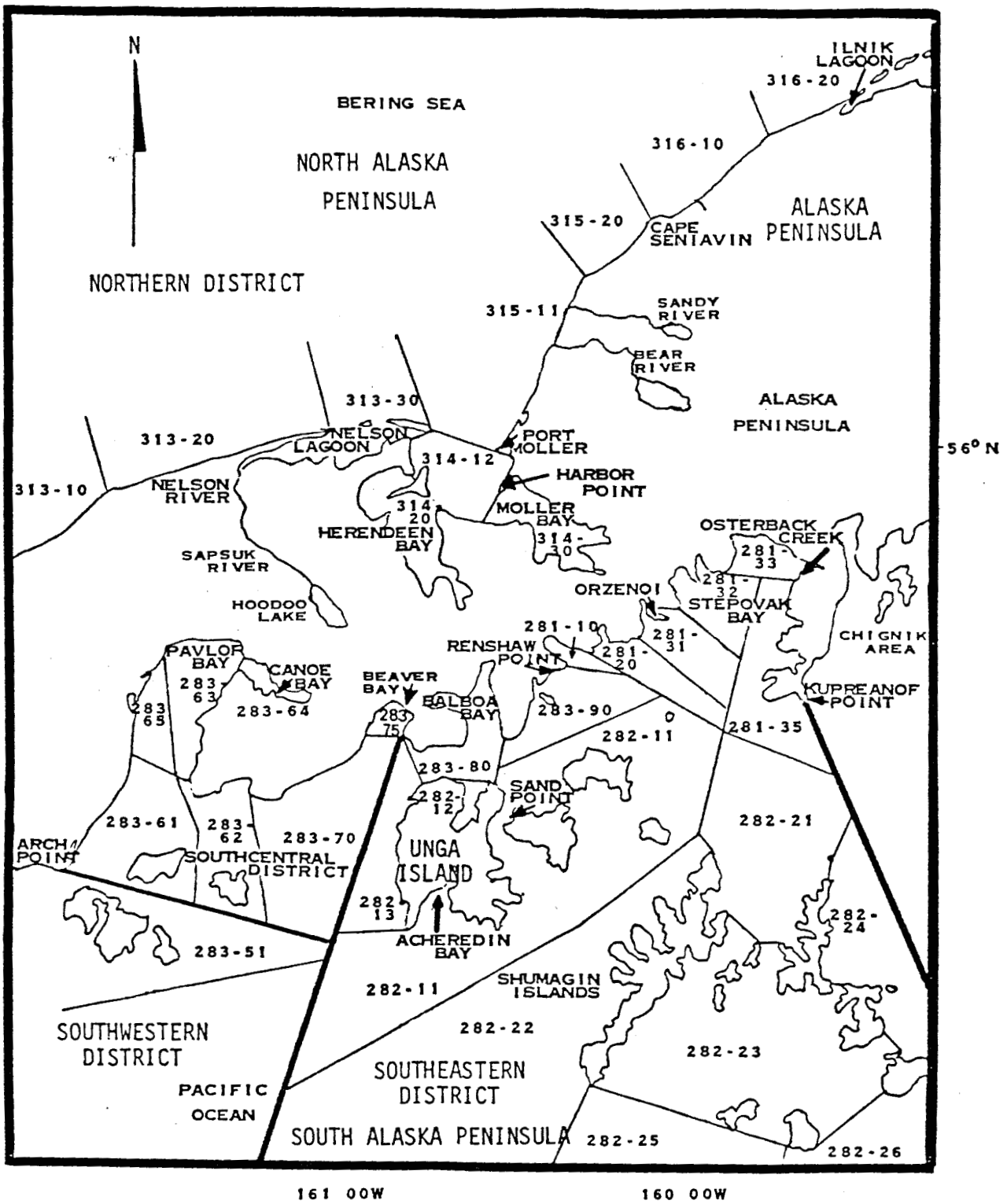

Figure 5. Map of the Alaska Peninsula Management Area from Arch Point to Kupreanof Point with the statistical salmon fishing areas defined.

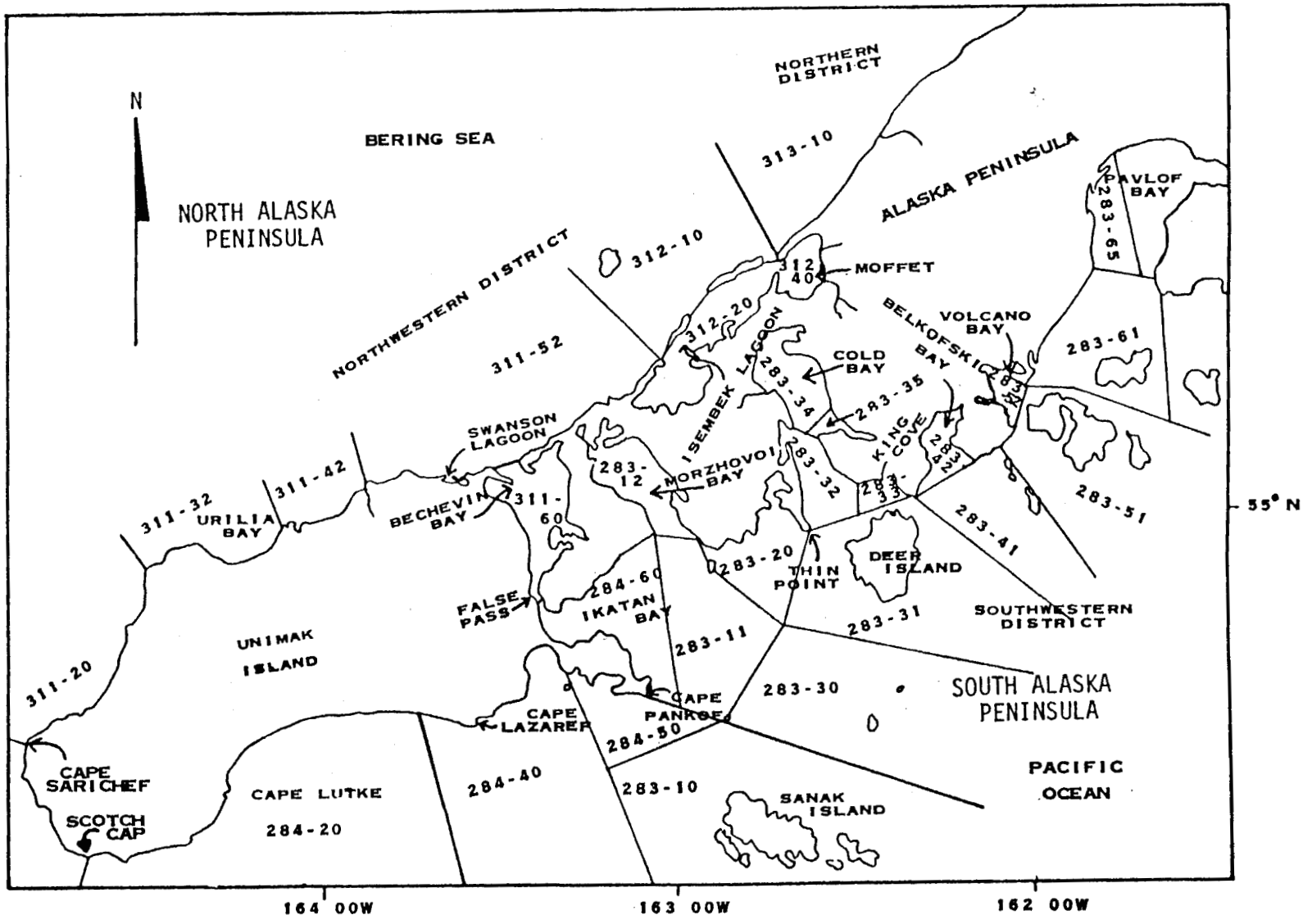

Figure 6. Map of the Alaska Peninsula Management Area from Cape Seniavin to Cape Menshikof with the statistical salmon fishing areas defined.

Appendix A.1. Alaska Peninsula-Aleutian Islands Management Area listing of fishing areas and their corresponding statistical areas, 1986.

District	Statistical Area			
SOUTH PENINSULA				
Southeastern District				
Southeast Mainland Area	281-10	281-20	281-31	281-32
	281-33	281-35	283-75	283-80
	283-90			
Shumagin Island Section	282-11	282-12	282-13	282-21
	282-22	282-23	282-24	282-25
	282-26			
Southcentral District				
Canoe Bay	283-63	283-64		
Pavlof Bay	283-61	283-62	283-65	
Southwestern District				
Volcano Bay	283-51	283-52		
Belkofski Bay	283-42			
Cold Bay	283-32	283-33	283-34	283-35
Deer Island	283-31			
Thin Point	283-20			
Morzhovoi Bay	283-12			
Ikatan Peninsula to Cape Lutke	311-60	(June catch)		
	284-40	284-50	284-60	
Unimak District				
Sanak Island	283-10			
Cape Lutke	284-20			
ALEUTIAN ISLANDS AREA				
Unalaska District	302-21	302-22	302-24	302-31
NORTH PENINSULA				
Northwestern District				
Urilia Bay	311-32			
Swanson Lagoon	311-52			
Bechevin Bay	311-60	(Post-June catch)		
Izembek-Moffet Bay Section	312-20	312-40		
Northern District				
Black Hills Section	313-10			
Nelson Lagoon Section	313-30			

-Continued-

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District	Statistical Area		
Northern District (continued)			
Herendeen Bay	314-20		
Harbor Point to Cape Seniavin	314-12	315-11	315-20
Cape Seniavin to Strogonof Point	316-10	316-20	
Port Heiden Section	317-10	317-20	
Cinder River Section	318-20		

Appendix A.2. 1986 calendar weeks.

Statistical Week	Calendar Dates	Statistical Week	Calendar Dates
1	01-Jan to 04-Jan	28	06-Jul to 12-Jul
2	05-Jan to 11-Jan	29	13-Jul to 19-Jul
3	12-Jan to 18-Jan	30	20-Jul to 26-Jul
4	19-Jan to 25-Jan	31	27-Jul to 02-Aug
5	26-Jan to 01-Feb	32	03-Aug to 09-Aug
6	02-Feb to 08-Feb	33	10-Aug to 16-Aug
7	09-Feb to 15-Feb	34	17-Aug to 23-Aug
8	16-Feb to 22-Feb	35	24-Aug to 30-Aug
9	23-Feb to 01-Mar	36	31-Aug to 06-Sep
10	02-Mar to 08-Mar	37	07-Sep to 13-Sep
11	09-Mar to 15-Mar	38	14-Sep to 20-Sep
12	16-Mar to 22-Mar	39	21-Sep to 27-Sep
13	23-Mar to 29-Mar	40	28-Sep to 04-Oct
14	30-Mar to 05-Apr	41	05-Oct to 11-Oct
15	06-Apr to 12-Apr	42	12-Oct to 18-Oct
16	13-Apr to 19-Apr	43	19-Oct to 25-Oct
17	20-Apr to 26-Apr	44	26-Oct to 01-Nov
18	27-Apr to 03-May	45	02-Nov to 08-Nov
19	04-May to 10-May	46	09-Nov to 15-Nov
20	11-May to 17-May	47	16-Nov to 22-Nov
21	18-May to 24-May	48	23-Nov to 29-Nov
22	25-May to 31-May	49	30-Nov to 06-Dec
23	01-Jun to 07-Jun	50	07-Dec to 13-Dec
24	08-Jun to 14-Jun	51	14-Dec to 20-Dec
25	15-Jun to 21-Jun	52	21-Dec to 27-Dec
26	22-Jun to 28-Jun	53	28-Dec to 31-Dec
27	29-Jun to 05-Jul		

Appendix A.3. The commercial salmon catch in the Alaska Peninsula-Aleutian Islands Management Area by species, 1966-86.

Year	Area	Chinook	Sockeye	Pink	Chum	Coho	Total
1966	South Peninsula	1,400	606,200	302,300	494,400	6,300	1,404,300
	Aleutians	5,600	245,300	16,000	82,800	37,300	349,700
	North Peninsula	0	1,000	63,500	700	0	65,200
	Total	7,000	852,500	381,800	577,900	43,600	1,819,200
1967	South Peninsula	1,600	294,100	77,800	245,200	2,900	621,600
	Aleutians	0	200	7,900	0	0	8,100
	North Peninsula	5,500	224,700	700	41,300	46,800	319,000
	Total	7,100	519,000	86,400	286,500	49,700	948,700
1968	South Peninsula	1,400	699,800	1,287,100	325,300	31,100	2,344,700
	Aleutians	0	2,000	902,800	800	100	905,700
	North Peninsula	4,500	237,100	200	73,500	64,900	380,200
	Total	5,900	938,900	2,190,100	399,600	96,100	3,630,600
1969	South Peninsula	1,900	912,800	1,219,400	389,200	10,900	2,534,200
	Aleutians	0	1,900	242,200	1,500	0	245,600
	North Peninsula	4,800	321,300	100	28,100	49,100	403,400
	Total	6,700	1,236,000	1,461,700	418,800	60,000	3,183,200
1970	South Peninsula	1,800	1,794,600	1,723,400	981,700	32,200	4,533,700
	Aleutians	0	200	672,500	3,300	100	676,100
	North Peninsula	3,200	213,000	7,800	50,200	26,400	300,600
	Total	5,000	2,007,800	2,403,700	1,035,200	58,700	5,510,400
1971	South Peninsula	2,200	715,500	1,450,100	1,366,600	16,800	3,551,200
	Aleutians	0	300	45,400	100	0	45,800
	North Peninsula	2,200	354,200	300	64,200	8,200	429,100
	Total	4,400	1,070,000	1,495,800	1,430,900	25,000	4,026,100
1972	South Peninsula	1,300	557,800	78,000	727,500	8,000	1,372,600
	Aleutians	0	100	2,800	0	0	2,900
	North Peninsula	1,800	179,500	0	84,700	9,600	275,600
	Total	3,100	737,400	80,800	812,200	17,600	1,651,100

-Continued-

Appendix A.3. (p 2 of 4)

Year	Area	Chinook	Sockeye	Pink	Chum	Coho	Total
1971	South Peninsula	2,200	715,500	1,450,100	1,366,600	16,800	3,551,200
	Aleutians	0	300	45,400	100	0	45,800
	North Peninsula	2,200	354,200	300	64,200	8,200	429,100
	Total	4,400	1,070,000	1,495,800	1,430,900	25,000	4,026,100
1972	South Peninsula	1,300	557,800	78,000	727,500	8,000	1,372,600
	Aleutians	0	100	2,800	0	0	2,900
	North Peninsula	1,800	179,500	0	84,700	9,600	275,600
	Total	3,100	737,400	80,800	812,200	17,600	1,651,100
1973	South Peninsula	400	330,200	58,000	293,000	6,600	688,200
	Aleutians	0	100	7,000	0	0	7,100
	North Peninsula	4,400	171,800	300	155,700	26,900	359,100
	Total	4,800	502,100	65,300	448,700	33,500	1,054,400
1974	South Peninsula	500	204,700	99,700	71,500	9,400	385,800
	Aleutians	0	0	0	0	0	0
	North Peninsula	5,100	247,900	10,500	35,300	24,000	322,800
	Total	5,600	452,600	110,200	106,800	33,400	708,600
1975	South Peninsula	100	268,400	61,700	132,900	0	463,100
	Aleutians	0	0	0	0	0	0
	North Peninsula	2,100	233,500	300	8,700	28,200	272,800
	Total	2,200	501,900	62,000	141,600	28,200	735,900
1976	South Peninsula	2,100	375,000	2,367,000	532,500	200	3,276,800
	Aleutians	0	0	0	0	0	0
	North Peninsula	4,900	641,100	600	73,600	26,000	746,200
	Total	7,000	1,016,100	2,367,600	606,100	26,200	4,023,000
1977	South Peninsula	500	311,700	1,448,600	243,200	2,100	2,006,100
	Aleutians	0	0	0	0	0	0
	North Peninsula	5,500	471,100	900	129,100	34,100	640,700
	Total	6,000	782,800	1,449,500	372,300	36,200	2,646,800

-Continued-

Appendix A.3. (p 3 of 4)

Year	Area	Chinook	Sockeye	Pink	Chum	Coho	Total
1978	South Peninsula	800	579,500	5,608,800	547,000	60,700	6,796,800
	Aleutians	0	1,800	38,100	0	0	39,900
	North Peninsula	14,200	896,200	466,600	163,200	63,300	1,603,500
	Total	15,000	1,477,500	6,113,500	710,200	124,000	8,440,200
1979	South Peninsula	2,100	1,149,700	6,570,500	483,000	356,500	8,561,800
	Aleutians	0	12,200	539,400	200	0	551,800
	North Peninsula	17,100	1,979,500	5,000	65,700	112,800	2,180,100
	Total	19,200	3,141,400	7,114,900	548,900	469,300	11,293,700
1980	South Peninsula	4,800	3,613,000	7,961,500	1,351,200	274,200	13,204,700
	Aleutians	0	9,200	2,597,500	4,900	0	2,611,600
	North Peninsula	16,800	1,397,100	301,700	700,200	127,900	2,543,700
	Total	21,600	5,019,300	10,860,700	2,056,300	402,100	18,360,000
1981	South Peninsula	10,200	2,255,200	5,035,900	1,770,300	162,200	9,233,800
	Aleutians	0	5,400	302,800	6,600	200	315,000
	North Peninsula	18,300	1,844,900	11,200	706,800	155,400	2,736,600
	Total	28,500	4,105,500	5,349,900	2,483,700	317,800	12,285,400
1982	South Peninsula	9,800	2,346,000	6,734,900	2,272,500	256,000	11,619,200
	Aleutians	0	2,700	1,447,800	6,100	0	1,456,600
	North Peninsula	30,100	1,435,300	12,300	331,100	238,000	2,046,800
	Total	39,900	3,784,000	8,195,000	2,609,700	494,000	15,122,600
1983	South Peninsula	26,900	2,556,600	2,827,600	1,707,100	127,700	7,245,900
	Aleutians	0	4,400	2,000	11,400	0	17,800
	North Peninsula	29,500	2,093,400	3,400	348,700	75,100	2,550,100
	Total	56,400	4,654,400	2,833,000	2,067,200	202,800	9,813,800
1984	South Peninsula	9,200	2,318,000	11,589,300	1,656,500	309,100	15,882,100
	Aleutians	0	67,200	2,309,700	33,900	0	2,410,800
	North Peninsula	23,000	1,734,900	27,400	796,700	198,600	2,780,600
	Total	32,200	4,120,100	13,926,400	2,487,100	507,700	21,073,500

-Continued-

Appendix A.3. (p 4 of 4)

Year	Area	Chinook	Sockeye	Pink	Chum	Coho	Total
1985	South Peninsula	7,884	2,214,583	4,438,598	1,393,285	172,514	8,226,864
	Aleutians	40	2,750	90	14,175	0	17,055
	North Peninsula	23,553	2,600,589	3,055	670,644	167,740	3,465,581
	Total	31,477	4,817,922	4,441,743	2,078,104	340,254	11,709,500
1986	South Peninsula	5,589	1,223,089	4,031,487	1,749,651	235,854	7,245,670
	Aleutians	11	7,702	42,621	38,819	60	89,213
	North Peninsula	11,740	2,463,735	22,630	271,216	165,201	2,934,522
	Total	17,340	3,694,526	4,096,738	2,059,686	401,115	10,269,405
Average 1966-1975							
	South Peninsula	1,260	638,410	635,750	502,730	12,420	1,778,150
	Aleutians	0	580	194,410	640	20	195,630
	North Peninsula	3,370	220,360	3,550	58,320	27,460	285,600
	Total	4,630	859,350	833,710	561,690	39,900	2,259,380
Average 1976-1985							
	South Peninsula	7,428	1,771,928	5,458,270	1,195,659	172,121	8,450,536
	Aleutians	4	10,565	723,739	7,728	20	742,036
	North Peninsula	18,295	1,509,409	83,216	398,574	119,894	2,026,268
	Total	25,727	3,291,902	6,265,225	1,601,961	292,035	11,218,840

Note: Values prior to 1985 are rounded to the nearest hundred fish.

Appendix A.4. South Peninsula Management Area commercial salmon catch by statistical week, gear type, and species, 1986.

Statistical Week	Chinook	Sockeye	Pink	Chum	Coho	Total	Percent
	Species						
Purse Seine							
24	341	45,562	51,924	39,456	0	137,283	2.2
25	804	146,437	170,116	122,346	0	439,703	7.0
26	231	87,961	66,924	42,944	1	198,061	3.2
27	176	30,097	15,321	37,171	1,700	84,465	1.3
28	512	81,632	28,888	82,075	7,248	200,355	3.2
29	1,848	114,523	107,045	162,342	70,118	455,876	7.2
30	490	80,025	287,423	173,663	49,832	591,433	9.4
31	259	51,101	1,113,208	341,916	42,087	1,548,571	24.6
32	91	36,577	1,625,452	367,694	25,758	2,055,572	32.6
33	19	17,893	425,119	135,113	4,354	582,498	0.0
35	0	0	0	0	0	0	0.0
36	0	389	313	657	1,632	2,991	0.1
37	0	14	0	7	631	652	0.0
38	0	0	0	0	145	145	0.0
Total	4,771	692,211	3,891,733	1,505,384	203,506	6,297,605	100.0
Set Gill Net							
24	7	4,654	51	714	0	5,426	1.0
25	131	75,645	215	5,409	1	81,401	15.0
26	16	12,355	310	3,151	0	15,832	2.9
27	9	14,825	191	3,437	19	18,481	3.4
28	66	94,325	1,677	15,469	310	111,847	20.7
29	47	65,525	5,381	11,851	2,909	85,713	15.8
30	21	25,949	10,233	7,092	1,529	44,824	8.3
31	15	23,584	39,888	14,926	2,870	81,283	15.0
32	6	12,505	40,301	11,611	1,052	65,475	12.1
33	0	5,014	10,936	5,034	904	21,888	4.0
34	0	0	0	0	0	0	0.0
35	0	150	70	150	25	395	0.1
36	3	1,635	202	1,337	1,840	5,017	0.9
37	0	1,290	3	431	1,822	3,546	0.7
38	0	211	0	62	166	439	0.1
Total	321	337,667	109,458	80,674	13,447	541,567	100.0

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Appendix A.4. (p 2 of 2)

Statistical Week	Chinook	Sockeye	Pink	Chum	Coho	Total	Percent
	Species						
Drift Gill Net							
25	232	92,549	1,591	77,400	0	171,772	42.3
26	29	22,498	233	8,610	0	31,370	7.7
27	0	1,184	0	128	0	1,312	0.3
28	3	2,486	7	520	6	3,022	0.7
29	0	3,784	0	919	880	5,583	1.4
30	11	6,744	4,540	3,767	4,688	19,750	4.9
31	6	10,157	14,525	10,520	11,370	46,578	11.5
32	4	4,945	7,019	5,334	1,545	18,847	4.6
33	0	956	1,681	1,040	330	4,007	1.0
34	0	0	0	0	0	0	0.0
35	0	0	0	0	0	0	0.0
36	0	5	0	66	82	153	0.0
Total	497	193,211	30,296	163,593	18,901	406,498	100.0
All Gear							
24	560	98,119	52,675	95,459	0	246,813	3.4
25	1,167	314,631	171,922	205,155	1	692,876	9.7
26	276	122,814	67,467	54,705	1	245,263	3.4
27	185	46,106	15,512	40,736	1,719	104,258	1.4
28	581	178,443	30,572	98,064	7,564	315,224	4.4
29	1,895	183,832	112,426	175,112	73,907	547,172	7.6
30	522	112,718	302,196	184,522	56,049	656,007	9.1
31	280	84,842	1,167,621	367,362	56,327	1,676,432	23.1
32	101	54,027	1,672,772	384,639	28,355	2,139,894	29.5
33	19	23,863	437,736	141,187	5,588	608,393	8.4
34	0	0	0	0	0	0	0.0
35	0	150	70	150	25	395	0.0
36	3	2,029	515	2,060	3,554	8,161	0.1
37	0	1,304	3	438	2,453	4,198	0.1
38	0	211	0	62	311	584	0.0
Total	5,589	1,223,089	4,031,487	1,749,651	235,854	7,245,670	100.0
Percent	0.1	16.9	55.6	24.2	3.3	100.0	

Appendix A.5. Aleutian Islands Management Area commercial salmon catch by statistical week, and species, 1986.

Statistical Week	Species: Chinook	Sockeye	Pink	Chum	Coho	Total	Percent
26	3	180	448	4,985	0	5,616	6.3
27	8	1,302	751	32,297	0	34,358	38.5
28	0	0	0	0	0	0	0.0
29	0	1,700	40	100	0	1,840	2.1
30	0	1,250	375	400	0	2,025	2.3
31	0	1,241	11,705	494	0	13,440	15.1
32	0	1,299	29,302	543	30	31,174	34.9
33	0	730	0	0	30	760	0.9
Total	11	7,702	42,621	38,819	60	8,9213	100.0
Percent	0.0	8.6	47.8	43.5	0.1	100.0	

Appendix A.6. North Peninsula Management Area commercial salmon catch by statistical week, gear type, and species, 1986.

Statistical Week	Chinook	Sockeye	Pink	Chum	Coho	Total	Percent
	Species						
Purse Seine							
23	0	3,825	0	0	0	3,825	1.2
24	0	13,839	0	0	0	13,839	4.2
25	0	44,895	0	589	0	45,484	13.9
26	4	28,579	0	2,189	0	30,772	9.4
27	61	13,115	36	35,979	0	49,191	15.1
28	33	39,980	27	43,927	0	83,967	25.7
29	4	3,876	0	29,219	1,150	34,249	10.9
30	0	982	1,740	6,819	0	9,541	2.9
31	0	4,043	4,060	7,765	0	15,868	4.9
32	0	1,005	2,695	10,080	0	13,780	4.2
33	0	112	1,400	1,310	0	2,822	0.9
34	0	0	0	0	0	0	0.0
35	0	0	0	0	0	0	0.0
36	1	3,475	0	0	9,850	13,326	4.1
37	1	160	0	0	4,564	4,725	1.5
38	0	72	0	0	5,450	5,522	1.7
Total	104	157,958	9,958	137,877	21,014	326,911	100.0
Set Gill Net							
22	5	1	0	0	0	6	0.0
23	346	5,763	0	4	0	6,113	2.3
24	700	6,610	0	151	0	7,461	2.8
25	1,549	30,791	0	1,357	0	33,697	12.8
26	1,035	28,853	0	4,926	0	34,814	13.2
27	400	26,776	2	3,780	0	30,958	11.8
28	120	29,275	0	2,810	0	32,205	12.3
29	59	23,504	3	949	0	24,515	9.3
30	21	9,313	0	467	8	9,809	3.7
31	4	3,218	94	1,820	388	5,524	2.1
32	6	3,098	224	947	1,362	5,637	2.1
33	4	1,198	100	642	4,436	6,380	2.4
34	12	1,748	19	25	21,331	23,135	8.8
35	2	62	1	2	19,389	19,456	7.4
36	0	148	2	4	20,806	20,960	8.0
37	0	19	0	28	1,322	1,369	0.5
38	0	11	0	0	950	961	0.4
Total	4,263	170,388	445	17,912	69,992	263,000	100.0

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Appendix A.6. (p 2 of 2)

Statistical Week	Chinook	Sockeye	Pink	Chum	Coho	Total	Percent
	Species						
Drift Gill Net							
23	182	482	0	59	0	723	0.0
24	661	5,543	0	12	0	6,216	0.3
25	1,455	33,925	0	300	0	35,680	1.5
26	2,299	298,088	1	16,410	1	316,799	13.5
27	1,275	343,504	13	12,807	5	357,604	15.3
28	846	691,093	2	20,135	7	712,083	30.4
29	328	352,847	28	28,550	9	381,762	16.3
30	145	123,866	1,274	20,320	328	145,933	6.2
31	94	46,783	1,569	6,975	372	55,793	2.4
32	55	58,510	5,058	6,056	950	70,629	3.0
33	21	58,848	2,161	2,254	5,355	68,639	2.9
34	7	66,638	1,351	1,110	23,992	93,098	4.0
35	4	40,797	596	313	11,609	53,319	2.3
36	1	13,317	169	119	25,410	39,016	1.7
37	0	1,148	5	7	5,312	6,472	0.3
38	0	0	0	0	845	845	0.0
Total	7,373	2,135,389	12,227	115,427	74,195	2,344,611	100.0
All Gear							
22	5	1	0	0	0	6	0.0
23	528	10,070	0	63	0	10,661	0.4
24	1,361	25,992	0	163	0	27,516	0.9
25	3,004	109,611	0	2,246	0	114,861	3.9
26	3,338	355,520	1	23,525	1	382,385	13.0
27	1,736	383,395	51	52,566	5	437,753	14.9
28	999	760,348	29	66,872	7	828,255	28.2
29	391	380,227	31	58,718	1,159	440,526	15.0
30	166	134,161	3,014	27,606	336	165,283	5.6
31	98	54,044	5,723	16,560	760	77,185	2.6
32	61	62,613	7,977	17,083	2,312	90,046	3.1
33	25	60,158	3,661	4,206	9,791	77,841	2.7
34	19	68,386	1,370	1,135	45,323	116,233	4.0
35	6	40,859	597	315	30,998	72,775	2.5
36	2	16,940	171	123	56,066	73,302	2.5
37	1	1,327	5	35	11,198	12,566	0.4
38	0	83	0	0	7,245	7,328	0.3
Total	11,740	2,463,735	22,630	271,216	165,201	2,934,522	100.0
Percent	0.4	84.0	0.8	9.2	5.6	100.0	

Appendix A.7. South Unimak and Shumagin Islands June sockeye and chum commercial salmon catches, 1986.

Date	Shumagin Islands		South Unimak		Total	
	Sockeye	Chum	Sockeye	Chum	Sockeye	Chum
June 11	6,320	3,909	8,303	13,774	14,623	17,683
12						
13						
14	28,411	23,017	55,085	54,759	83,496	77,776
15						
16	24,987	14,227	30,554	35,268	55,541	49,495
17						
18	14,005	12,111	92,763	97,095	106,768	109,206
19						
20						
21	22,564	10,903	65,591	32,001	88,155	42,904
22						
23	22,995	13,098	20,518	6,607	43,513	19,705
24	13,279	8,452	17,344	5,120	30,623	13,572
25	23,466	13,331	25,212	8,097	48,678	21,428
Total	156,027	99,048	315,370	252,721	471,397	351,769

Appendix A.8. South Peninsula Management Area commercial salmon catch by major region, 1986.

Area	Chinook	Sockeye	Pink	Chum	Coho	Total	Percent
South Unimak and Shumagins a/							
Total	1,895	471,397	291,989	351,769	2	1,117,052	15.4
Southeast Mainland Area							
Total	386	245,511	490,316	168,943	4,943	910,099	12.6
Other b/							
total	3,308	506,181	3,249,182	1,228,939	230,909	5,218,519	72.0
Total	5,589	1,223,089	4,031,487	1,749,651	235,854	7,245,670	100.0

a/ Catch statistics for June fisheries only.

b/ Catch statistics do not include the Southeast Mainland Area nor the June South Unimak and Shumagin Island fisheries.

Appendix A.9. Shumagin Island Section commercial catch of salmon, June and post June, 1976-1987.

Year	Chinook	Sockeye	Pink	Chum	Coho	Total
	Species					
June						
1976	305	72,016	5,643	73,475	0	151,439
1977	122	45,912	2,001	21,899	0	69,934
1978	319	83,352	54,325	33,425	57	171,478
1979	475	179,139	105,813	40,953	252	326,632
1980 a/	342	572,090	465,652	71,330	34	1,109,448
1981	1,263	362,520	129,283	57,338	251	550,655
1982	1,554	450,548	686,671	161,308	0	1,300,081
1983	5,277	416,494	15,434	169,277	3	606,485
1984	1,830	256,838	449,188	109,207	14	817,077
1985	2,142	366,607	37,465	133,542	2,466	542,222
1986	560	156,027	141,315	99,048	1	396,951
1976-85 Average	1,363	280,552	195,148	87,175	308	564,545
Post June						
1976 b/	0	3	303,422	8,602	3	312,030
1977 b/	6	97	0	38	74	215
1978	137	35,785	1,202,198	149,984	40,376	1,428,480
1979	910	145,369	2,076,670	93,527	313,573	2,630,049
1980	1,380	138,438	1,545,827	262,462	233,456	2,181,563
1981	4,009	116,297	1,364,026	307,980	126,955	1,919,267
1982	1,889	67,269	1,638,712	296,426	207,273	2,211,569
1983	6,547	108,365	900,726	220,824	92,403	1,328,865
1984	3,222	96,149	1,786,737	259,497	211,648	2,357,253
1985	461	107,792	1,632,827	205,899	113,193	2,060,172
1986	3,121	341,811	1,497,892	557,332	201,518	2,601,674
1976-85 Average	1,856	81,556	1,245,115	180,524	133,895	1,642,946
June and Post June						
1976	305	72,019	309,065	82,077	3	463,469
1977	128	46,009	2,001	21,937	74	70,149
1978	456	119,137	1,256,523	183,409	40,433	1,599,958
1979	1,385	324,508	2,182,483	134,480	313,825	2,956,681
1980	1,722	710,528	2,011,479	333,792	233,490	3,291,011

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Appendix A.9. (p 2 of 2)

Year	Chinook	Sockeye	Pink	Chum	Coho	Total
	Species					
1981	5,272	478,817	1,493,309	365,318	127,206	2,469,922
1982	3,443	517,817	2,325,383	457,734	207,273	3,511,650
1983	11,824	524,859	916,160	390,101	92,406	1,935,350
1984	5,052	352,987	2,235,925	368,704	211,662	3,174,330
1985	2,603	474,399	1,670,292	339,441	115,659	2,602,394
1986	3,681	497,838	1,639,207	656,380	201,519	2,998,625
1976-85 Average	3,219	362,108	1,440,262	267,699	134,203	2,207,491

a/ 1980 June catch includes catches through July 5.

b/ 1976 and 1977 years had July fishing time severly curtailed to rebuild pink salmon returns on the Alaska Peninsula.

Appendix A.10. Alaska Peninsula-Aleutian Islands subsistence salmon catch estimated from the percent catch from returned permits, 1986.

Area	Permits			Species					
	Issued	Returned	Percent Returned	Chinook	Sockeye	Pink	Chum	Coho	Total
South Peninsula									
Sand Point	75	36	48.0	45	2,505	1,560	1,005	1,208	6,323
King Cove	24	21	87.5	2	1,834	14	120	919	2,889
Cold Bay	18	14	77.8	0	184	14	26	264	488
False Pass	12	9	75.0	13	158	188	299	215	873
Total	129	80	62.0	60	4,681	1,776	1,450	2,606	10,573
North Peninsula									
Nelson Lagoon	9	7	77.8	13	284	3	5	302	607
Port Heiden	4	4	100.0	28	282	0	0	0	310
Other	5	4	80.0	0	149	0	0	88	237
Total	18	15	83.3	41	715	3	5	390	1,154
Aleutian Islands Area									
Unalaska	121	22	18.2	0	3,449	2,468	375	847	7,139
Total	121	22	18.2	0	3,449	2,468	375	847	7,139
Total	268	117	43.7	101	8,845	4,247	1,830	3,843	18,866

Appendix B.1. South Peninsula Management Area fishing periods by statistical week, number of permits and landings for each gear type, 1986.

District	Statistical Week	Fishing Hours	Purse Seine Number Permits	Purse Seine Number Landings	Set Gill Net Number Permits	Set Gill Net Number Landings	Drift Gill Net Number Permits	Drift Gill Net Number Landings
SOUTHEASTERN								
Mainland Area	25	82	-	-	57	202	-	-
	26	0	-	-	-	-	-	-
	27	20	-	-	10	15	-	-
	28	118	1	1	51	165	-	-
	29	114	12	16	43	134	-	-
	30	88	12	12	40	100	-	-
	31	114	41	57	37	149	-	-
	32	112	36	60	17	94	-	-
	33	42	2	2	0	0	-	-
	34	0	-	-	-	-	-	-
	35	0	-	-	-	-	-	-
	36	64	2	2	21	48	-	-
	37	136	0	0	6	20	-	-
	38	168	0	0	0	0	-	-
	39	168	0	0	0	0	-	-
	40	72	0	0	0	0	-	-
	Total	1,298	106	150	282	927	-	-
Shumagin Island Section	24	40	1	1	11	15	-	-
	25	48	32	93	29	58	-	-
	26	72	38	87	34	82	-	-
	27	20	31	31	22	52	-	-
	28	94	39	132	30	107	-	-
	29	114	47	176	20	85	-	-
	30	90	56	177	19	57	-	-
	31	114	57	182	10	35	-	-
	32	112	56	226	15	51	-	-
	33	44	29	48	17	36	-	-
	34	0	-	-	-	-	-	-
	35	0	-	-	-	-	-	-
	36	64	5	8	11	22	-	-
	37	136	1	1	7	18	-	-
	38	168	0	0	3	6	-	-
	39	168	0	0	0	0	-	-
	40	72	0	0	0	0	-	-
	Total	1,356	392	1,162	228	624	-	-

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District	Statistical Week	Fishing Hours	Purse Seine Number Permits	Purse Seine Number Landings	Set Gill Net Number Permits	Set Gill Net Number Landings	Drift Gill Net Number Permits	Drift Gill Net Number Landings
District Total		1,414	498	1,312	510	1,551	-	-
SOUTHCENTRAL	27	20	3	2	2	2	-	-
	28	94	13	18	2	6	-	-
	29	114	34	59	1	3	-	-
	30	90	36	72	0	0	-	-
	31	114	51	93	0	0	-	-
	32	112	45	89	0	0	-	-
	33	66	34	47	0	0	-	-
	34	-	-	-	-	-	-	-
	35	-	-	-	-	-	-	-
	36	64	1	1	0	0	-	-
	37	64	1	1	0	0	-	-
	38	64	2	2	0	0	-	-
	39	64	0	0	0	0	-	-
	40	22	0	0	0	0	-	-
District Total		888	220	384	5	11	-	-
SOUTHWESTERN	24	40	7	10	9	15	64	84
	25	36	24	45	9	23	99	177
	26	72	16	16	8	16	54	79
	27	20	5	5	3	3	1	1
	28	94	21	31	6	28	3	9
	29	114	15	23	10	42	2	10
	30	90	17	25	7	30	12	40
	31	114	40	72	8	36	24	104
	32	112	52	120	8	36	21	60
	33	66	60	90	8	17	8	15
	34	0	-	-	-	-	-	-
	35	0	-	-	-	-	-	-
	36	64	1	1	5	8	1	1
	37	64	1	1	2	2	0	0
	38	64	0	0	1	1	0	0
	39	64	0	0	0	0	0	0
	40	22	0	0	0	0	0	0
District Total		1,036	259	439	84	257	289	580

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Appendix B.1. (p 3 of 3)

District	Statistical Week	Fishing Hours	Purse Seine Number Permits	Purse Seine Number Landings	Set Gill Net Number Permits	Set Gill Net Number Landings	Drift Gill Net Number Permits	Drift Gill Net Number Landings
UNIMAK	24	40	47	51	0	0	102	113
	25	36	62	142	0	0	143	235
	26	72	39	50	0	0	32	37
	27	20	2	2	0	0	0	0
	28	94	1	1	0	0	0	0
	29	114	1	1	0	0	0	0
	30	90	1	1	0	0	1	1
	31	114	0	0	0	0	0	0
	32	112	0	0	0	0	0	0
	33	66	0	0	0	0	0	0
	34	0	-	-	-	-	-	-
	35	0	-	-	-	-	-	-
	36	64	0	0	0	0	1	1
	37	64	0	0	0	0	0	0
	38	64	1	1	0	0	0	0
	39	64	0	0	0	0	0	0
	40	22	0	0	0	0	0	0
	District Total	1,036	154	249	0	0	279	387
South Peninsula Total		4,374	1,131	2,384	599	1,819	568	967

Note: (-) Dash: not open to commercial fishing, or not open to the gear type.

Appendix B.2. Aleutian Islands Management Area fishing periods by statistical week, number of permits and landings for each gear type, 1986.

District	Statistical Week	Fishing Hours	Purse Seine Number Permits	Purse Seine Number Landings
UNALASKA				
Beaver Inlet Section				
Unalaska Bay Section				
Makashin Bay Section				
Southern Section				
	30	114	0	0
	31	90	6	12
	32	88	6	11
	33	14	0	0
	Total	306	12	23
Kashega Bay Section	23	108	0	0
	24	108	0	0
	25	108	0	0
	26	108	1	1
	27	108	2	2
	28	108	0	0
	29	108	1	1
	30	114	1	1
	31	90	1	1
	32	88	1	2
	33	14	1	1
	Total	1,062	8	9
	District Total	1,062	20	32
UNMAK	30	114	0	0
	31	90	0	0
	32	88	0	0
	33	14	0	0
	District Total	306	0	0

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Appendix B.2. (p 2 of 2)

District	Statistical Week	Fishing Hours	Purse Seine Number Permits	Purse Seine Number Landings
ADAK	30	114	0	0
	31	90	0	0
	32	88	0	0
	33	14	0	0
	District Total	306	0	0
Aleutian Islands Area Total		1,674	20	32

Appendix B.3. North Peninsula Management Area fishing periods by statistical week, number of permits and landings for each gear type, 1986.

District	Statistical Week	Fishing Hours	Purse Seine Number Permits	Purse Seine Number Landings	Set Gill Net Number Permits	Set Gill Net Number Landings	Drift Gill Net Number Permits	Drift Gill Net Number Landings
NORTHWESTERN								
Dublin Bay Section	28	10	0	0	0	0	0	0
	29-32	84	0	0	0	0	0	0
	33-35	0	-	-	-	-	-	-
	36-39	64	0	0	0	0	0	0
	40	22	0	0	0	0	0	0
	Total	624	0	0	0	0	0	0
Urilia Bay Section	23	84	2	2	2	5	0	0
	24	84	3	10	1	4	1	3
	25	84	7	18	2	7	7	17
	26	84	11	29	1	8	8	26
	27	84	2	2	2	5	0	0
	28	84	2	6	1	4	0	0
	29	84	3	3	0	0	0	0
	30-35	0	-	-	-	-	-	-
	36	64	9	13	1	1	2	2
	37	64	8	10	2	2	2	2
	38	64	7	7	1	1	2	2
	39	64	0	0	0	0	0	0
	40	22	0	0	0	0	0	0
	Total	866	54	100	13	37	22	52
Bechevin Bay Section	24	40	0	0	0	0	0	0
	25	36	0	0	0	0	0	0
	26	72	0	0	0	0	0	0
	27	84	4	7	5	13	2	8
	28	84	3	4	0	0	0	0
	29	84	4	5	0	0	0	0
	30	84	2	5	0	0	0	0
	31	114	1	3	1	3	0	0
	32	112	3	4	1	4	0	0
	33	66	2	2	3	4	1	2
	34-35	0	-	-	-	-	-	-
	36-39	64	0	0	0	0	0	0

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Appendix B.3. (p 2 of 6)

District	Statistical Week	Fishing Hours	Purse Seine Number Permits	Purse Seine Number Landings	Set Gill Net Number Permits	Set Gill Net Number Landings	Drift Gill Net Number Permits	Drift Gill Net Number Landings
	40	22	0	0	0	0	0	0
	Total	1,054	19	30	10	24	3	10
Izembek-Moffet Lagoon Section								
	23-26	84	0	0	0	0	0	0
	27	84	7	18	0	0	0	0
	28	84	7	22	0	0	0	0
	29	84	3	7	0	0	0	0
	30	84	6	10	0	0	0	0
	31	112	3	5	0	0	0	0
	32	84	2	2	0	0	0	0
	33	84	0	0	0	0	0	0
	34-35	0	-	-	-	-	-	-
	36	88	0	0	0	0	0	0
	37-39	64	0	0	0	0	0	0
	40	22	0	0	0	0	0	0
	Total	1,422	28	64	0	0	0	0
	District Total	1,452	101	194	23	61	25	62
NORTHERN								
Black Hills Section	18	42	-	-	0	0	0	0
	19-27	108	-	-	0	0	0	0
	28	108	-	-	0	0	1	1
	29-33	108	-	-	0	0	0	0
	34-35	0	-	-	-	-	-	-
	36-39	108	-	-	0	0	0	0
	40	42	-	-	0	0	0	0
	Total	2,352	-	-	0	0	1	1
Caribou Flats Section	18	42	-	-	0	0	0	0
	19-33	108	-	-	0	0	0	0
	34-35	0	-	-	-	-	-	-
	36-39	108	-	-	0	0	0	0
	40	42	-	-	0	0	0	0
	Total	2,352	-	-	0	0	0	0

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Appendix B.3. (p 3 of 6)

District	Statistical Week	Fishing Hours	Purse Seine Number Permits	Purse Seine Number Landings	Set Gill Net Number Permits	Set Gill Net Number Landings	Drift Gill Net Number Permits	Drift Gill Net Number Landings
Nelson Lagoon Section								
	18	24	-	-	0	0	0	0
	19-22	90	-	-	0	0	0	0
	23	90	-	-	18	25	4	6
	24	90	-	-	18	59	5	16
	25	138	-	-	23	98	11	37
	26	120	-	-	26	98	12	33
	27	90	-	-	23	71	14	49
	28	42	-	-	25	46	11	21
	29	36	-	-	23	50	12	28
	30	90	-	-	22	61	10	33
	31	90	-	-	20	67	9	25
	32	90	-	-	18	58	9	24
	33	90	-	-	22	61	9	27
	34	90	-	-	24	90	12	40
	35	90	-	-	25	97	13	48
	36	90	-	-	24	74	15	52
	Total	1,620	-	-	311	955	146	439
Herendeen-Moller Bay Section								
	18	18	0	0	0	0	0	0
	19-21	84	0	0	0	0	0	0
	22	84	0	0	1	3	0	0
	23	84	0	0	2	6	4	5
	24	84	0	0	4	14	0	0
	25	84	0	0	3	11	0	0
	26	162	0	0	3	16	0	0
	27	144	0	0	3	8	1	1
	28	138	6	6	5	13	0	0
	29	168	7	10	3	7	0	0
	30	168	1	1	2	2	0	0
	31	168	0	0	1	3	0	0
	32	138	0	0	1	2	0	0
	33	84	0	0	1	1	0	0
	34	138	0	0	1	1	0	0
	35	168	0	0	1	1	0	0
	36-39	168	0	0	0	0	0	0
	40	72	0	0	0	0	0	0
	Total	2,826	14	17	31	88	5	6

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Appendix B.3. (p 4 of 6)

District	Statistical Week	Fishing Hours	Purse Seine Number Permits	Purse Seine Number Landings	Set Gill Net Number Permits	Set Gill Net Number Landings	Drift Gill Net Number Permits	Drift Gill Net Number Landings
Bear River Section								
	18	18	0	0	0	0	0	0
	19-22	84	0	0	0	0	0	0
	23	84	0	0	0	0	5	6
	24	84	0	0	0	0	2	2
	25	84	0	0	0	0	8	15
	26	162	2	2	1	3	143	314
	27	144	10	24	2	2	166	381
	28	138	10	33	1	2	145	294
	29	168	7	11	1	1	161	318
	30	168	0	0	1	1	105	233
	31	168	0	0	2	2	96	209
	32	138	0	0	0	0	121	348
	33	84	0	0	0	0	121	189
	34	138	0	0	0	0	112	245
	35	168	0	0	0	0	48	164
	36	168	0	0	0	0	25	81
	37	168	0	0	0	0	8	8
	38-39	168	0	0	0	0	0	0
	40	72	0	0	0	0	0	0
	Total	2,826	29	70	8	11	1,266	2,807
Three Hills Section								
	26	96	-	-	-	-	74	197
	27	144	-	-	-	-	107	359
	28	138	-	-	-	-	96	208
	29	168	-	-	-	-	88	176
	30	168	-	-	-	-	74	148
	31	168	-	-	-	-	23	54
	32	138	-	-	-	-	22	38
	33	84	-	-	-	-	10	10
	34	138	-	-	-	-	28	38
	35	168	-	-	-	-	5	6
	36	168	-	-	-	-	1	1
	37-39	168	-	-	-	-	0	0
	40	72	-	-	-	-	0	0
	Total	2,154	-	-	-	-	528	1,235

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Appendix B.3. (p 5 of 6)

District	Statistical Week	Fishing Hours	Purse Seine Number Permits	Purse Seine Number Landings	Set Gill Net Number Permits	Set Gill Net Number Landings	Drift Gill Net Number Permits	Drift Gill Net Number Landings
Ilnik Section								
	18	18	-	-	0	0	0	0
	19-25	84	-	-	0	0	0	0
	26	84	-	-	0	0	1	1
	27	84	-	-	1	3	0	0
	28	84	-	-	2	4	105	336
	29	84	-	-	1	1	94	260
	30	138	-	-	2	2	66	160
	31	120	-	-	2	4	20	33
	32	84	-	-	2	2	0	0
	33	84	-	-	2	2	17	17
	34	108	-	-	3	7	17	28
	35	84	-	-	2	6	4	8
	36-39	84	-	-	0	0	0	0
	40	42	-	-	0	0	0	0
	Total	1,938	-	-	17	31	324	843
Port Heiden Section								
	18	18	-	-	0	0	0	0
	19-22	84	-	-	0	0	0	0
	23	84	-	-	1	4	6	6
	24	84	-	-	6	14	17	32
	25	84	-	-	7	21	18	36
	26	138	-	-	1	9	0	0
	27	168	-	-	2	8	0	0
	28	168	-	-	2	15	0	0
	29	168	-	-	3	14	0	0
	30	168	-	-	3	7	0	0
	31	120	-	-	0	0	0	0
	32	84	-	-	0	0	0	0
	33	84	-	-	1	1	23	41
	34	84	-	-	5	8	10	10
	35	110	-	-	0	0	18	29
	36	84	-	-	4	7	19	29
	37	84	-	-	3	3	0	0
	38-39	84	-	-	0	0	0	0
	40	42	-	-	0	0	0	0
	Total	2,276	-	-	38	111	111	183

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Appendix B.3. (p 6 of 6)

District	Statistical Week	Fishing Hours	Purse Seine Number Permits	Purse Seine Number Landings	Set Gill Net Number Permits	Set Gill Net Number Landings	Drift Gill Net Number Permits	Drift Gill Net Number Landings
Cinder River Section								
	18	18	-	-	0	0	0	0
	19-33	84	-	-	0	0	0	0
	34	84	-	-	0	0	1	2
	35	84	-	-	0	0	0	0
	Total	1,446	-	-	0	0	1	2
District Total		2,826	43	87	405	1,196	2,382	5,516
North Peninsula Total		4,278	71	151	405	1,196	2,382	5,516

Appendix C.1. Southeast Mainland Area commercial catch of salmon by statistical week, strata, and species, 1986.

Statistical Week	Strata	Species: Chinook	Sockeye	Pink	Chum	Coho	Total
25	A a/	108	64,167	75	3,271	0	67,621
26	A	0	0	0	0	0	0
27	A	1	5,659	63	736	0	6,459
28	A	42	69,193	1,258	8,064	69	78,626
Total Strata A		151	139,019	1,396	12,071	69	152,706
29	B b/	33	41,817	5,841	11,404	257	59,352
30	B	35	25,696	33,534	27,528	444	87,237
Total Strata B		68	67,513	39,375	38,932	701	146,589
31	C c/	160	25,542	172,187	87,671	1,000	286,560
32	C	7	11,529	271,443	28,467	1,351	312,797
33	C	0	0	5,760	705	0	6,465
36	C	0	1,039	152	835	932	2,958
37	C	0	869	3	262	890	2,024
Total Strata C		167	38,979	449,545	117,940	4,173	610,804
Total All Strata		386	245,511	490,316	168,943	4,943	910,099

a/ Set gill net gear only.

b/ Set gill net in entire area and purse seine north of a line drawn Renshaw Point to Osterback Creek.

c/ Purse seine and set gill net gear allowed in entire area.

Appendix C.2. Shumagin Island Section commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
24	118	34,731	21,531	26,908	0	83,288
25	280	61,556	63,022	37,259	1	162,118
26	162	59,740	56,762	34,881	0	151,545
Total June	560	156,027	141,315	99,048	1	396,951
27	165	27,427	11,509	31,031	1,659	71,791
28	488	79,514	26,769	66,206	7,356	180,333
29	1,805	94,832	84,886	106,443	69,488	357,454
30	472	57,261	202,080	111,903	49,591	421,307
31	90	39,380	451,659	104,269	41,852	637,250
32	81	34,083	592,194	112,502	25,053	763,913
33	19	7,867	128,432	23,995	4,622	164,935
36	1	825	363	867	1,452	3,508
37	0	414	0	112	312	838
38	0	208	0	4	133	345
Total Post-June	3,121	341,811	1,497,892	557,332	201,518	2,601,674
Total All Weeks	3,681	497,838	1,639,207	656,380	201,519	2,998,625

Appendix C.3. Canoe Bay commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
27	1	85	115	2,841	0	3,042
28	0	145	151	6,643	0	6,939
29	2	3,952	14,242	45,720	0	63,916
30	1	2,615	29,441	18,617	19	50,693
31	0	141	257,029	37,504	2	294,676
32	2	110	419,362	18,982	5	438,461
33	0	10	113,912	3,821	24	117,767
Total	6	7,058	834,252	134,128	50	975,494

Appendix C.4. Pavlof Bay commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
27	0	131	0	2,227	0	2,358
28	3	9,266	312	10,060	16	19,657
29	8	15,622	4,476	3,213	90	23,409
30	6	15,399	29,746	16,567	309	62,027
31	10	1,585	107,745	51,653	236	161,229
32	0	130	78,312	7,476	5	85,923
33	0	60	23,567	29,489	58	53,174
36	0	15	0	22	125	162
37	0	0	0	0	175	175
38	0	0	0	0	100	100
Total	27	42,208	244,158	120,707	1,114	408,214

Appendix C.5. Volcano Bay commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
28	0	4,426	155	1,625	0	6,206
29	1	2,387	306	952	4	3,650
30	0	704	1,685	2,880	80	5,349
31	1	478	65,355	27,111	81	93,026
32	2	647	157,134	62,180	42	220,005
33	0	38	55,086	38,464	33	93,621
Total	4	8,680	279,721	133,212	240	421,857

Appendix C.6. Belkofski Bay commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
31	2	111	25,814	36,165	0	62,092
32	0	51	112,791	60,100	0	172,942
33	0	224	63,808	8,299	1	72,332
Total	2	386	202,413	104,564	1	307,366

Appendix C.7. Cold Bay commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
28	0	145	175	1,563	0	1,883
29	0	298	138	1,240	0	1,676
30	0	293	409	4,352	0	5,054
31	0	794	3,210	5,596	0	9,600
32	0	644	20,483	26,893	0	48,020
33	0	6	28,647	22,351	0	51,004
36	0	5	0	5	4	14
Total	0	2,185	53,062	62,000	4	117,251

Appendix C.8. Thin Point commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
28	0	4,856	0	0	0	4,856
33	0	11,694	0	0	0	11,694
36	0	40	0	0	108	148
37	0	16	0	0	602	618
Total	0	16,606	0	0	710	17,316

Appendix C.9. Morzhovoi Bay commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
29	2	7,235	216	350	50	7,853
30	1	7,833	596	314	22	8,766
31	1	5,077	5,825	8,054	163	19,120
32	0	920	20,207	55,734	98	76,959
33	0	220	1,379	11,383	48	13,030
35	0	150	70	150	25	395
Total	4	21,435	28,293	75,985	406	126,123

Appendix C.10. Ikatan Peninsula to Cape Lazaref commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species: Chinook	Sockeye	Pink	Chum		Total
24	270	50,341	16,053	47,044	0	113,708
25	271	84,753	23,539	69,608	0	180,916
26	52	26,492	2,116	9,859	0	38,519
Total June	593	161,586	41,708	126,511	0	333,143
27	18	12,804	3,785	3,688	56	20,351
28	46	9,588	1,687	4,235	126	15,682
29	22	13,256	1,328	3,690	4,012	22,308
30	13	11,039	5,763	4,662	5,591	24,619
31	10	11,723	21,038	14,110	14,121	60,706
32	6	5,908	20,870	7,242	1,861	35,887
33	0	1,450	6,977	2,565	719	11,711
36	0	20	0	286	233	539
37	0	5	0	63	69	137
38	0	3	0	58	33	94
Total Post June	115	65,796	61,448	40,599	26,821	192,034
Total All Weeks	708	227,382	103,156	167,110	26,821	525,177

Appendix C.11. Cape Lutke commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
24	172	13,047	15,091	21,489	0	49,799
25	483	104,155	85,286	94,756	0	284,680
26	116	36,582	8,589	9,965	1	55,253
Total	771	153,784	108,966	126,210	1	389,732

Appendix C.12. Aleutian Islands Management Area commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
26	3	180	448	4,985	0	5,616
27	8	1,302	751	32,297	0	34,358
29	0	1,700	40	100	0	1,840
30	0	1,250	375	400	0	2,025
31	0	1,241	11,705	494	0	13,440
32	0	1,299	29,302	543	30	31,174
33	0	730	0	0	30	760
						0
Total	11	7,702	42,621	38,819	60	89,213

Appendix C.13. Urilia Bay commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
23	0	4,666	0	0	0	4,666
24	0	18,286	0	0	0	18,286
25	0	56,158	0	541	0	56,699
26	9	47,192	0	27	0	47,228
29	0	0	0	0	90	90
36	1	0	0	0	2,400	2,401
38	0	0	0	0	790	790
						0
Total	10	126,302	0	568	3,280	130,160

Appendix C.14. Swanson Lagoon and Bechevin Bay commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
25	0	1,652	0	67	0	1,719
26	0	568	0	2,150	0	2,718
27	5	3,155	50	11,293	0	14,503
28	0	2,189	0	15,734	0	17,923
29	0	0	0	3,017	1,060	4,077
30	0	8	1,340	3,529	10,470	15,347
31	0	768	4,134	1,029	6,124	12,055
32	1	100	2,900	4,746	5,395	13,142
33	0	113	1,461	2,284	1	3,859
36	0	4,105	0	0	0	4,105
37	1	195	0	28	0	224
38	0	83	0	0	0	83
Total	7	12,936	9,885	43,877	23,050	89,755

Appendix C.15. Izembek-Moffet Bay Section commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
27	6	10,024	0	22,182	0	32,212
28	0	3,160	0	23,147	0	26,307
29	0	810	0	7,450	0	8,260
30	0	849	0	3,290	0	4,139
31	0	3,283	0	7,004	0	10,287
32	0	925	0	6,045	0	6,970
Total	6	19,051	0	69,118	0	88,175

Appendix C.16. Nelson Lagoon Section commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
23	300	5,374	0	0	0	5,674
24	592	7,248	0	0	0	7,840
25	1,760	35,684	0	0	0	37,444
26	1,199	29,316	0	568	0	31,083
27	698	34,619	0	2	0	35,319
28	186	25,196	1	6	0	25,389
29	74	22,772	21	141	0	23,008
30	16	8,099	1	696	29	8,841
31	6	3,937	20	1,726	520	6,209
32	6	3,478	17	292	1,683	5,476
33	3	1,293	14	136	5,694	7,140
34	9	1,223	11	26	33,886	35,155
35	0	153	4	9	24,995	25,161
36	0	9	2	4	32,479	32,494
Total	4,849	178,401	91	3,606	99,286	286,233

Appendix C.17. Herendeen Bay commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
27	0	0	0	111	0	111
28	4	193	23	2,249	0	2,469
29	0	23	0	18,060	0	18,083
30	0	125	400	0	0	525
Total	4	341	423	20,420	0	21,188

Appendix C.18. Harbor Point to Cape Seniavin commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
22	5	1	0	0	0	6
23	122	30	0	63	0	215
24	161	335	0	163	0	659
25	320	14,076	0	1,621	0	16,017
26	1,535	141,584	1	14,720	0	157,840
27	620	149,100	1	14,588	0	164,309
28	266	241,208	4	16,596	1	258,075
29	136	113,138	27	18,508	8	131,817
30	45	47,391	1,167	13,317	58	61,978
31	67	32,967	1,508	6,015	98	40,655
32	49	48,489	4,958	5,478	480	59,454
33	15	50,326	2,030	1,642	974	54,987
34	7	48,568	1,110	922	4,188	54,795
35	4	38,045	565	295	3,189	42,098
36	1	12,741	169	119	2,297	15,327
37	0	1,132	5	7	88	1,232
Total	3,353	939,131	11,545	94,054	11,381	1,059,464

Appendix C.19. Cape Seniavin to Strogonof Point commercial catch of salmon by statistical week and species, 1986.

Statistical Week	Species					
	Chinook	Sockeye	Pink	Chum	Coho	Total
26	491	132,597	0	5,839	1	138,928
27	382	179,881	0	4,526	5	184,794
28	330	477,728	3	8,570	6	486,637
29	173	232,836	40	11,435	1	244,485
30	101	74,124	87	6,730	249	81,291
31	25	13,089	42	786	142	14,084
32	5	9,621	190	522	149	10,487
33	4	7,637	128	75	273	8,117
34	3	18,581	172	184	3,714	22,654
35	2	2,661	28	11	2,814	5,516
36	0	85	0	0	12	97
Total	1,516	1,148,840	690	38,678	7,366	1,197,090

Appendix D.1. Southeast Mainland Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species: Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	281-20	4	697	58,083	14,605	5	73,394
	281-32	3	91	8,781	1,195	0	10,070
	281-33	143	1,115	23,611	70,621	84	95,574
	281-35	21	13,395	139,922	24,602	997	178,937
	283-75	0	110	4,210	1,030	0	5,350
	283-80	22	4,236	171,513	16,682	633	193,086
	283-90	4	1,534	24,570	2,420	151	28,679
	Total	197	21,178	430,690	131,155	1,870	585,090
Set Net	281-20	24	27,031	2,741	3,863	62	33,721
	281-31	8	12,455	1,833	1,495	5	15,796
	281-32	13	21,417	1,927	3,853	16	27,226
	281-33	17	32,559	1,656	3,058	89	37,379
	281-35	58	74,644	37,019	13,897	2,021	127,639
	283-75	0	3,155	22	589	18	3,784
	283-80	29	24,425	4,326	3,268	349	32,397
	283-90	40	28,647	10,102	7,765	513	47,067
	Total	189	224,333	59,626	37,788	3,073	325,009
Total All Gear		386	245,511	490,316	168,943	4,943	910,099

Appendix D.2. Shumagin Island Section commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Chinook	Sockeye	Pink	Chum	Coho	Total
		Species					
Seine	282-11	459	118,361	131,277	79,672	0	329,769
	282-23	44	13,985	9,245	14,121	0	37,395
	282-24	0	234	344	287	0	865
	Total June	503	132,580	140,866	94,080	0	368,029
Set Net	282-11	29	22,954	425	4,569	1	27,978
	282-12	0	314	11	315	0	640
	282-21	0	24	0	9	0	33
	282-23	0	155	13	75	0	243
	Total June	29	23,447	449	4,968	1	28,894
Total All Gear June		532	156,027	141,315	99,048	1	396,923
Seine	282-11	3,090	268,771	1,341,644	518,644	198,042	2,330,191
	282-12	1	52	40,590	9,688	3	50,334
	282-13	10	13,202	80,271	9,267	289	103,039
	282-22	0	0	350	0	0	350
	282-23	1	55	80	80	156	372
	Total Post June	3,102	282,080	1,462,935	537,679	198,490	2,484,286
Set Net	282-11	47	57,078	32,450	18,473	2,985	111,033
	282-12	0	1,018	780	616	7	2,421
	282-13	0	1,635	1,727	564	36	3,962
	Total Post June	47	59,731	34,957	19,653	3,028	117,416
Total Post June		3,149	341,811	1,497,892	557,332	201,518	2,601,702
Total All Gear		3,681	497,838	1,639,207	656,380	201,519	2,998,625

Appendix D.3. Canoe Bay Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Chinook	Sockeye	Pink	Chum	Coho	Total
		Species					
Seine	283-63	2	6,223	358,152	16,681	28	381,086
	283-64	3	466	475,746	111,266	22	587,503
	Total	5	6,689	833,898	127,947	50	968,589
Set Net	283-63	1	369	354	6,181	0	6,905
	Total	1	369	354	6,181	0	6,905
Total All Gear		6	7,058	834,252	134,128	50	975,494

Appendix D.4. Pavlof Bay Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species: Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	283-61	21	35,503	138,561	59,895	772	234,752
	283-62	6	5,764	105,597	60,656	341	172,364
	Total	27	41,267	244,158	120,551	1,113	407,116
Set Net	283-63	0	941	0	156	1	1,098
	Total	0	941	0	156	1	1,098
Total All Gear		27	42,208	244,158	120,707	1,114	408,214

Appendix D.5. Volcano Bay Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species: Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	283-51	0	543	100,080	35,383	112	136,118
	283-52	3	8,052	179,641	97,788	128	285,612
	Total	3	8,595	279,721	133,171	240	421,730
Set Net	283-52	1	85	0	41	0	127
	Total	1	85	0	41	0	127
Total All Gear		4	8,680	279,721	133,212	240	421,857

Appendix D.6. Belkofski Bay Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	283-42	2	386	202,413	104,564	1	307,366
	Total	2	386	202,413	104,564	1	307,366
Total All Gear		2	386	202,413	104,564	1	307,366

Appendix D.7. Cold Bay Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species: Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	283-32	0	1,008	272	2,240	0	3,520
	283-33	0	14	33,597	3,670	0	37,281
	283-34	0	1,126	4,868	26,505	0	32,499
	283-35	0	32	14,325	29,580	0	43,937
	Total	0	2,180	53,062	61,995	0	117,237
Set Net	283-35	0	5	0	5	4	14
	Total	0	5	0	5	4	14
Total All Gear		0	2,185	53,062	62,000	4	117,251

Appendix D.8. Deer Island Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	283-31	0	16	47,943	412	0	48,371
	Total	0	16	47,943	412	0	48,371
Total All Gear		0	16	47,943	412	0	48,371

Appendix D.9. Thin Point Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	283-20	0	16,606	0	0	710	17,316
	Subtotal	0	16,606	0	0	710	17,316
Total All Gear		0	16,606	0	0	710	17,316

Appendix D.10. Morzhovoi Bay Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	283-12	0	16,658	21,503	73,020	0	111,181
	Total	0	16,658	21,503	73,020	0	111,181
Set Net	283-12	4	4,777	6,790	2,965	406	14,942
	Total	4	4,777	6,790	2,965	406	14,942
Total All Gear		4	21,435	28,293	75,985	406	126,123

Appendix D.11. Ikatan Peninsula to Cape Lazaref Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species: Chinook	Sockeye	Pink	Chum	Coho	Total
June							
Seine	284-60	98	15,945	16,426	11,318	0	43,787
	284-50	122	15,161	18,347	9,601	0	43,231
	284-40	35	5,206	5,166	4,802	0	15,209
	Total	255	36,312	39,939	25,721	0	102,227
Set Net	284-60	17	5,040	52	756	0	5,865
	Total	17	5,040	52	756	0	5,865
Drift Net	284-60	193	62,148	915	41,124	0	104,380
	284-50	103	48,087	613	50,649	0	99,452
	284-40	24	9,999	189	8,261	0	18,473
	Total	320	120,234	1,717	100,034	0	222,305
Total June		592	161,586	41,708	126,511	0	330,397
Post-June							
Seine	284-60	53	13,340	25,316	7,864	938	47,511
	284-50	6	3,081	1,037	2,094	15	6,233
	284-40	0	20	80	111	33	244
	Total	59	16,441	26,433	10,069	986	53,988
Set Net	284-60	33	19,094	7,243	8,236	6,934	41,540
	Total	33	19,094	7,243	8,236	6,934	41,540
Drift Net	284-60	24	30,176	27,622	22,079	18,794	98,695
	284-50	0	5	0	15	7	27
	284-40	0	80	150	200	100	530
	Total	24	30,261	27,772	22,294	18,901	99,252
Total Post-June		116	65,796	61,448	40,599	26,821	194,780
Total All Gear		708	227,382	103,156	167,110	26,821	525,177

Appendix D.12. Sanak Island Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	283-10	0	0	0	0	45	45
	Total	0	0	0	0	45	45
Set Net	283-10	1	2,294	466	221	1,377	4,359
	Total	1	2,294	466	221	1,377	4,359
Total All Gear		1	2,294	466	221	1,422	4,404

Appendix D.13. Cape Lutke Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	284-20	618	111,068	108,159	84,945	1	304,791
	Total	618	111,068	108,159	84,945	1	304,791
Drift Net	284-20	153	42,716	807	41,265	0	84,941
	Total	153	42,716	807	41,265	0	84,941
Total All Gear		771	153,784	108,966	126,210	1	389,732

Appendix D.14. Aleutian Islands Management Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species: Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	302-21	11	1,482	1,199	37,282	0	39,974
	302-22	0	4,937	5,365	500	56	10,858
	302-24	0	1,237	15,306	987	0	17,530
	302-31	0	46	20,751	50	4	20,851
	Total	11	7,702	42,621	38,819	60	89,213
Total All Gear		11	7,702	42,621	38,819	60	89,213

Appendix D.15. Urilia Bay Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	311-32	1	88,756	0	522	3,280	92,559
	Total	1	88,756	0	522	3,280	92,559
Set Net	311-32	1	7,439	0	0	0	7,440
	Total	1	7,439	0	0	0	7,440
Drift Net	311-32	8	30,107	0	46	0	30,161
	Total	8	30,107	0	46	0	30,161
Total All Gear		10	126,302	0	568	3,280	130,160

Appendix D.16. Swanson Lagoon Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	311-52	1	8,081	0	15,708	17,734	41,524
	Total	1	8,081	0	15,708	17,734	41,524
Set Net	311-52	0	881	0	3,913	2,660	7,454
	Total	0	881	0	3,913	2,660	7,454
Drift Net	311-52	0	555	0	0	2,655	3,210
	Total	0	555	0	0	2,655	3,210
Total All Gear		1	9,517	0	19,621	23,049	52,188

Appendix D.17. Bechevin Bay Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	311-60	3	1,035	9,530	21,727	0	32,295
	Total	3	1,035	9,530	21,727	0	32,295
Set Net	311-60	3	528	334	1,751	0	2,616
	Total	3	528	334	1,751	0	2,616
Drift Net	311-60	0	1,856	21	778	1	2,656
	Total	0	1,856	21	778	1	2,656
Total All Gear		6	3,419	9,885	24,256	1	37,567

Appendix D.18. Izembek-Moffet Bay Section commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	312-20	0	9,508	0	8,810	0	18,318
	312-40	6	9,543	0	60,308	0	69,857
	Total	6	19,051	0	69,118	0	88,175
Total All Gear		6	19,051	0	69,118	0	88,175

Appendix D.19. Black Hills Section commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Drift Net	313-10	173	2	0	0	0	175
	Total	173	2	0	0	0	175
Total All Gear		173	2	0	0	0	175

Appendix D.20. Nelson Lagoon Section commercial salmon by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Set Net	313-30	3,161	118,514	37	2,748	61,824	186,284
	Total	3,161	118,514	37	2,748	61,824	186,284
Drift Net	313-30	1,688	59,887	35	858	37,462	99,930
	Total	1,688	59,887	35	858	37,462	99,930
Total All Gear		4,849	178,401	72	3,606	99,286	286,214

Appendix D.21. Herendeen Bay commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species: Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	314-20	4	341	423	20,309	0	21,077
	Total	4	341	423	20,309	0	21,077
Set Net	314-20	0	0	0	111	0	111
	Total	0	0	0	111	0	111
Total All Gear		4	341	423	20,420	0	21,188

Appendix D.22. Harbor Point to Cape Seniavin Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Seine	315-11	89	40,455	5	10,488	0	51,037
	315-20	0	239	0	5	0	244
	Total	89	40,694	5	10,493	0	51,281
Set Net	314-12	383	904	56	7,332	37	8,712
	315-11	19	399	10	1,196	22	1,646
	315-20	1	181	0	3	0	185
	Total	403	1,484	66	8,531	59	10,543
Drift Net	314-12	28	50	0	41	0	119
	315-11	2,224	690,076	10,409	63,185	10,331	776,225
	315-20	609	206,827	1,065	11,804	991	221,296
	Total	2,861	896,953	11,474	75,030	11,322	997,640
Total All Gear		3,353	939,131	11,545	94,054	11,381	1,059,464

Appendix D.23. Cape Seniavin to Strogonof Point Area commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Set Net	316-10	6	1,543	0	45	0	1,594
	316-20	9	3,320	8	5	3,367	6,709
	Total	15	4,863	8	50	3,367	8,303
Drift Net	316-10	1,138	586,958	498	26,200	1,948	616,742
	316-20	363	557,019	184	12,408	2,051	572,025
	Total	1,501	1,143,977	682	38,608	3,999	1,188,767
Total All Gear		1,516	1,148,840	690	38,658	7,366	1,197,070

Appendix D.24. Port Heiden Section commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Chinook	Sockeye	Pink	Chum	Coho	Total
		Species					
Set Net	317-20	680	36,679	0	808	2,082	40,249
	Total	680	36,679	0	808	2,082	40,249
Drift Net	317-10	1	686	15	55	1,202	1,959
	317-20	1,141	1,363	0	30	17,300	19,834
	Total	1,142	2,049	15	85	18,502	21,793
Total All Gear		1,822	38,728	15	893	20,584	62,042

Appendix D.25. Cinder River Section commercial salmon catch by gear type, statistical area, and species, 1986.

Gear Type	Statistical Area	Species					
		Chinook	Sockeye	Pink	Chum	Coho	Total
Drift Net	318-20	0	3	0	2	254	259
	Total	0	3	0	2	254	259
Total All Gear		0	3	0	2	254	259

Appendix E.1. Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 1986.

	Daily			Cumulative			Daily Percent			Cumulative Percent of Total		
Date	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Total
June 07	8	0	8	8	0	8	0.0	0.0	0.0	0.0	0.0	0.0
08	60	7	67	68	7	75	0.0	0.1	0.0	0.0	0.1	0.0
09	297	17	314	365	24	389	0.1	0.2	0.1	0.2	0.3	0.2
10	664	46	710	1,029	70	1,099	0.3	0.5	0.3	0.4	0.8	0.4
11	601	31	632	1,630	101	1,731	0.2	0.4	0.3	0.7	1.2	0.7
12	966	62	1,028	2,596	163	2,759	0.4	0.7	0.4	1.1	1.9	1.1
13 a/	930	70	1,000	3,526	233	3,759	0.4	0.8	0.4	1.5	2.7	1.5
14	507	42	549	4,033	275	4,308	0.2	0.5	0.2	1.7	3.2	1.7
15	805	90	895	4,838	365	5,203	0.3	1.1	0.4	2.0	4.3	2.1
16	808	30	838	5,646	395	6,041	0.3	0.4	0.3	2.3	4.7	2.4
17	389	30	419	6,035	425	6,460	0.2	0.4	0.2	2.5	5.0	2.6
18	270	6	276	6,305	431	6,736	0.1	0.1	0.1	2.6	5.1	2.7
19	1,316	73	1,389	7,621	504	8,125	0.5	0.9	0.6	3.2	5.9	3.2
20	7,269	215	7,484	14,890	719	15,609	3.0	2.5	3.0	6.2	8.5	6.2
21	21,053	349	21,402	35,943	1,068	37,011	8.7	4.1	8.6	14.9	12.6	14.8
22	7,002	201	7,203	42,945	1,269	44,214	2.9	2.4	2.9	17.8	14.9	17.7
23	4,157	73	4,230	47,102	1,342	48,444	1.7	0.9	1.7	19.5	15.8	19.4
24	3,050	108	3,158	50,152	1,450	51,602	1.3	1.3	1.3	20.8	17.1	20.6
25	2,401	59	2,460	52,553	1,509	54,062	1.0	0.7	1.0	21.8	17.8	21.6
26	4,549	75	4,624	57,102	1,584	58,686	1.9	0.9	1.8	23.6	18.7	23.5
27	4,464	128	4,592	61,566	1,712	63,278	1.8	1.5	1.8	25.5	20.2	25.3
28	4,278	117	4,395	65,844	1,829	67,673	1.8	1.4	1.8	27.3	21.5	27.1
29	4,184	33	4,217	70,028	1,862	71,890	1.7	0.4	1.7	29.0	21.9	28.8
30	1,933	70	2,003	71,961	1,932	73,893	0.8	0.8	0.8	29.8	22.8	29.6
July 01	1,707	65	1,772	73,668	1,997	75,665	0.7	0.8	0.7	30.5	23.5	30.3
02	2,244	79	2,323	75,912	2,076	77,988	0.9	0.9	0.9	31.4	24.5	31.2
03	4,036	119	4,155	79,948	2,195	82,143	1.7	1.4	1.7	33.1	25.9	32.9
04	3,261	147	3,408	83,209	2,342	85,551	1.4	1.7	1.4	34.4	27.6	34.2
05	2,538	93	2,631	85,747	2,435	88,182	1.1	1.1	1.1	35.5	28.7	35.3
06	4,769	65	4,834	90,516	2,500	93,016	2.0	0.8	1.9	37.5	29.4	37.2
07	5,235	67	5,302	95,751	2,567	98,318	2.2	0.8	2.1	39.6	30.2	39.3
08	6,875	79	6,954	102,626	2,646	105,272	2.8	0.9	2.8	42.5	31.2	42.1
09	6,712	105	6,817	109,338	2,751	112,089	2.8	1.2	2.7	45.3	32.4	44.8
10	5,905	127	6,032	115,243	2,878	118,121	2.4	1.5	2.4	47.7	33.9	47.2
11	2,762	96	2,858	118,005	2,974	120,979	1.1	1.1	1.1	48.9	35.0	48.4
12	2,548	105	2,653	120,553	3,079	123,632	1.1	1.2	1.1	49.9	36.3	49.4
13	2,342	103	2,445	122,895	3,182	126,077	1.0	1.2	1.0	50.9	37.5	50.4
14	2,897	115	3,012	125,792	3,297	129,089	1.2	1.4	1.2	52.1	38.8	51.6
15	4,118	139	4,257	129,910	3,436	133,346	1.7	1.6	1.7	53.8	40.5	53.3
16	3,141	190	3,331	133,051	3,626	136,677	1.3	2.2	1.3	55.1	42.7	54.7

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Appendix E.1. (p 2 of 3)

Date	Daily Adults	Daily Jacks	Daily Total	Cumulative Adults	Cumulative Jacks	Cumulative Total	Daily Percent Adults	Daily Percent Jacks	Daily Percent Total	Cumulative Percent of Total Adults	Cumulative Percent of Total Jacks	Cumulative Percent of Total Total
17	2,636	156	2,792	135,687	3,782	139,469	1.1	1.8	1.1	56.2	44.5	55.8
18	3,908	244	4,152	139,595	4,026	143,621	1.6	2.9	1.7	57.8	47.4	57.4
19	5,159	287	5,446	144,754	4,313	149,067	2.1	3.4	2.2	59.9	50.8	59.6
20	4,861	207	5,068	149,615	4,520	154,135	2.0	2.4	2.0	61.9	53.2	61.6
21	1,323	61	1,384	150,938	4,581	155,519	0.5	0.7	0.6	62.5	54.0	62.2
22	2,132	80	2,212	153,070	4,661	157,731	0.9	0.9	0.9	63.4	54.9	63.1
23	937	26	963	154,007	4,687	158,694	0.4	0.3	0.4	63.8	55.2	63.5
24	1,998	126	2,124	156,005	4,813	160,818	0.8	1.5	0.8	64.6	56.7	64.3
25	2,054	178	2,232	158,059	4,991	163,050	0.9	2.1	0.9	65.4	58.8	65.2
26	1,456	156	1,612	159,515	5,147	164,662	0.6	1.8	0.6	66.0	60.6	65.9
27	1,149	125	1,274	160,664	5,272	165,936	0.5	1.5	0.5	66.5	62.1	66.4
28	1,201	112	1,313	161,865	5,384	167,249	0.5	1.3	0.5	67.0	63.4	66.9
29	2,268	143	2,411	164,133	5,527	169,660	0.9	1.7	1.0	68.0	65.1	67.9
30	2,246	107	2,353	166,379	5,634	172,013	0.9	1.3	0.9	68.9	66.4	68.8
31	2,250	190	2,440	168,629	5,824	174,453	0.9	2.2	1.0	69.8	68.6	69.8
Aug 01	580	26	606	169,209	5,850	175,059	0.2	0.3	0.2	70.1	68.9	70.0
02	2,139	65	2,204	171,348	5,915	177,263	0.9	0.8	0.9	70.9	69.7	70.9
03	635	47	682	171,983	5,962	177,945	0.3	0.6	0.3	71.2	70.2	71.2
04	698	34	732	172,681	5,996	178,677	0.3	0.4	0.3	71.5	70.6	71.5
05	791	32	823	173,472	6,028	179,500	0.3	0.4	0.3	71.8	71.0	71.8
06	426	26	452	173,898	6,054	179,952	0.2	0.3	0.2	72.0	71.3	72.0
07	1,621	87	1,708	175,519	6,141	181,660	0.7	1.0	0.7	72.7	72.3	72.7
08	810	60	870	176,329	6,201	182,530	0.3	0.7	0.3	73.0	73.0	73.0
09	1,018	78	1,096	177,347	6,279	183,626	0.4	0.9	0.4	73.4	74.0	73.4
10	1,519	70	1,589	178,866	6,349	185,215	0.6	0.8	0.6	74.1	74.8	74.1
11	4,910	214	5,124	183,776	6,563	190,339	2.0	2.5	2.0	76.1	77.3	76.1
12	2,370	44	2,414	186,146	6,607	192,753	1.0	0.5	1.0	77.1	77.8	77.1
13	2,067	99	2,166	188,213	6,706	194,919	0.9	1.2	0.9	77.9	79.0	78.0
14	1,785	56	1,841	189,998	6,762	196,760	0.7	0.7	0.7	78.7	79.6	78.7
15	1,456	86	1,542	191,454	6,848	198,302	0.6	1.0	0.6	79.3	80.7	79.3
16	3,051	190	3,241	194,505	7,038	201,543	1.3	2.2	1.3	80.5	82.9	80.6
17	2,656	106	2,762	197,161	7,144	204,305	1.1	1.2	1.1	81.6	84.1	81.7
18	1,635	95	1,730	198,796	7,239	206,035	0.7	1.1	0.7	82.3	85.3	82.4
19	6,758	243	7,001	205,554	7,482	213,036	2.8	2.9	2.8	85.1	88.1	85.2
20	9,428	457	9,885	214,982	7,939	222,921	3.9	5.4	4.0	89.0	93.5	89.2
21	5,382	140	5,522	220,364	8,079	228,443	2.2	1.6	2.2	91.2	95.2	91.4
22	2,542	85	2,627	222,906	8,164	231,070	1.1	1.0	1.1	92.3	96.2	92.4
23	4,303	84	4,387	227,209	8,248	235,457	1.8	1.0	1.8	94.1	97.1	94.2
24	4,450	79	4,529	231,659	8,327	239,986	1.8	0.9	1.8	95.9	98.1	96.0
25	2,208	29	2,237	233,87	8,356	242,223	0.9	0.3	0.9	96.8	98.4	96.9
26	2,526	56	2,582	236,33	8,412	244,805	1.0	0.7	1.0	97.9	99.1	97.9
27	3,422	48	3,470	239,85	8,460	248,275	1.4	0.6	1.4	99.3	99.6	99.3

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Appendix E.1. (p 3 of 3)

	Daily			Cumulative			Daily Percent			Cumulative Percent of Total		
Date	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Total
28	1,362	20	1,382	241,17	8,480	249,657	0.6	0.2	0.6	99.9	99.9	99.9
29 b/	360	10	370	241,57	8,490	250,027	0.1	0.1	0.1	100.0	100.0	100.0
Total	241,537	8,490	250,027	241,537	8,490	250,027	100.0	100.0	100.0	100.0	100.0	100.0

a/ 13 June estimate based on tower count.

b/ 29 August count is partial daily count.

Appendix E.2. Bear River sockeye salmon daily and cumulative escapement counts for 1986 and the average daily and cumulative escapement for the years 1979-81 and 1984. a/

Date	1986 Daily Number	1986 Daily Percent	1986 Cumulative Percent	1979-81 & 1984 Average Daily Number	1979-81 & 1984 Average Daily Percent	1979-81 & 1984 Average Cumulative Percent
June 06	0	0.0	0.0	216	0.0	0.0
07	8	0.0	0.0	300	0.0	0.0
08	67	0.0	0.0	423	0.0	0.0
09	314	0.1	0.2	417	0.0	0.0
10	710	0.3	0.4	804	0.0	0.1
11	632	0.3	0.7	1,323	0.0	0.1
12	1,028	0.4	1.1	1,032	0.0	0.2
13	1,000	0.4	1.5	3,903	0.1	0.3
14	549	0.2	1.7	2,790	0.1	0.4
15	895	0.4	2.1	3,492	0.1	0.5
16	838	0.3	2.4	11,373	0.4	1.0
17	419	0.2	2.6	6,588	0.2	1.2
18	276	0.1	2.7	7,467	0.3	1.5
19	1,389	0.6	3.2	13,173	0.5	2.0
20	7,484	3.0	6.2	8,916	0.3	2.3
21	21,402	8.6	14.8	10,386	0.4	2.7
22	7,203	2.9	17.7	36,557	1.4	4.0
23	4,230	1.7	19.4	24,978	0.9	5.0
24	3,158	1.3	20.6	32,898	1.2	6.2
25	2,460	1.0	21.6	30,231	1.1	7.3
26	4,624	1.8	23.5	29,568	1.1	8.4
27	4,592	1.8	25.3	33,048	1.2	9.6
28	4,395	1.8	27.1	37,521	1.4	11.0
29	4,217	1.7	28.8	36,480	1.4	12.4
30	2,003	0.8	29.6	143,583	5.3	17.7
July 01	1,772	0.7	30.3	83,772	3.1	20.8
02	2,323	0.9	31.2	36,039	1.3	22.1
03	4,155	1.7	32.9	36,705	1.4	23.5
04	3,408	1.4	34.2	71,778	2.7	26.1
05	2,631	1.1	35.3	53,652	2.0	28.1
06	4,834	1.9	37.2	41,835	1.5	29.7
07	5,302	2.1	39.3	70,449	2.6	32.3
08	6,954	2.8	42.1	65,058	2.4	34.7
09	6,817	2.7	44.8	54,105	2.0	36.7
10	6,032	2.4	47.2	54,684	2.0	38.7
11	2,858	1.1	48.4	64,029	2.4	41.1
12	2,653	1.1	49.4	29,670	1.1	42.2
13	2,445	1.0	50.4	23,631	0.9	43.1
14	3,012	1.2	51.6	25,914	1.0	44.0

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Appendix E.2. (p 2 of 3)

Date	1986 Daily Number	1986 Daily Percent	1986 Cumulative Percent	1979-81 & 1984 Average Daily Number	1979-81 & 1984 Average Daily Percent	1979-81 & 1984 Average Cumulative Percent
July 15	4,257	1.7	53.3	24,585	0.9	44.9
16	3,331	1.3	54.7	30,579	1.1	46.1
17	2,792	1.1	55.8	31,089	1.2	47.2
18	4,152	1.7	57.4	26,004	1.0	48.2
19	5,446	2.2	59.6	29,577	1.1	49.3
20	5,068	2.0	61.6	34,461	1.3	50.6
21	1,384	0.6	62.2	31,485	1.2	51.7
22	2,212	0.9	63.1	22,995	0.9	52.6
23	963	0.4	63.5	15,285	0.6	53.1
24	2,124	0.8	64.3	12,846	0.5	53.6
25	2,232	0.9	65.2	15,849	0.6	54.2
26	1,612	0.6	65.9	16,023	0.6	54.8
27	1,274	0.5	66.4	16,935	0.6	55.4
28	1,313	0.5	66.9	22,563	0.8	56.3
29	2,411	1.0	67.9	18,723	0.7	57.0
30	2,353	0.9	68.8	17,410	0.6	57.6
31	2,440	1.0	69.8	28,499	1.1	58.7
Aug 01	606	0.2	70.0	41,463	1.5	60.2
02	2,204	0.9	70.9	33,502	1.2	61.4
03	682	0.3	71.2	39,287	1.5	62.9
04	732	0.3	71.5	37,998	1.4	64.3
05	823	0.3	71.8	30,055	1.1	65.4
06	452	0.2	72.0	42,163	1.6	67.0
07	1,708	0.7	72.7	53,835	2.0	69.0
08	870	0.3	73.0	38,826	1.4	70.4
09	1,096	0.4	73.4	26,807	1.0	71.4
10	1,589	0.6	74.1	18,930	0.7	72.1
11	5,124	2.0	76.1	10,218	0.4	72.5
12	2,414	1.0	77.1	22,050	0.8	73.3
13	2,166	0.9	78.0	34,199	1.3	74.6
14	1,841	0.7	78.7	50,859	1.9	76.4
15	1,542	0.6	79.3	50,472	1.9	78.3
16	3,241	1.3	80.6	38,648	1.4	79.7
17	2,762	1.1	81.7	20,997	0.8	80.5
18	1,730	0.7	82.4	27,177	1.0	81.5
19	7,001	2.8	85.2	15,933	0.6	82.1
20	9,885	4.0	89.2	15,516	0.6	82.7
21	5,522	2.2	91.4	25,866	1.0	83.7
22	2,627	1.1	92.4	35,067	1.3	84.9
23	4,387	1.8	94.2	17,790	0.7	85.6

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Appendix E.2. (p 3 of 3)

Date		1986 Daily Number	1986 Daily Percent	1986 Cumulative Percent	1979-81 & 1984 Average Daily Number	1979-81 & 1984 Average Daily Percent	1979-81 & 1984 Average Cumulative Percent
	24	4,529	1.8	96.0	22,974	0.9	86.5
Aug	25	2,237	0.9	96.9	20,592	0.8	87.2
	26	2,582	1.0	97.9	40,829	1.5	88.7
	27	3,470	1.4	99.3	29,874	1.1	89.8
	28	1,382	0.6	99.9	18,996	0.7 b/	90.5
	29	370 c/	0.1	100.0	19,797	0.7	91.3
	30	0	0.0	0.0	16,983	0.6	91.9
	31	0	0.0	0.0	19,005	0.7	92.6
Sept	01	0	0.0	0.0	23,148	0.9	93.5
	02	0	0.0	0.0	27,241	1.0	94.5
	03	0	0.0	0.0	30,248	1.1	95.6
	04	0	0.0	0.0	25,395	0.9	96.5
	05	0	0.0	0.0	17,715	0.7	97.2
	06	0	0.0	0.0	13,638	0.5	97.7
	07	0	0.0	0.0	15,396	0.6	98.3
	08	0	0.0	0.0	14,990	0.6	98.8
	09	0	0.0	0.0	10,884	0.4	99.2
	10	0	0.0	0.0	6,909	0.3	99.5
	11	0	0.0	0.0	4,287	0.2	99.6
	12	0	0.0	0.0	2,808	0.1	99.7
	13	0	0.0	0.0	1,668	0.1	99.8
	14	0	0.0	0.0	2,922	0.1	99.9
	15	0	0.0	0.0	1,371	0.1	100.0
	16	0	0.0	0.0	645	0.0	100.0
	17	0	0.0	0.0	0	0.0	100.0
	18	0	0.0	0.0	0	0.0	100.0
	19	0	0.0	0.0	0	0.0	100.0
	20	0	0.0	0.0	0	0.0	100.0
	Total	250,027		100.0	2,699,669		100.0

a/ The criteria for using the years 1979-81 and 1984 are: a)use only last five days of data which total less than or equal to 1.2% of the run and b)use only those years in which the midpoint of the escapement is within 21 days of the 1970-85 mean midpoint of the escapement.

b/ After 28 August 1986 another 9.5% (23,717 fish) of the escapement occurs producing a total 1986 return of 273,374 fish.

c/ Counts from the last day are discarded as they are only partial counts.

Appendix E.3. Chinook salmon daily and cumulative escapement counts past the Nelson River counting tower, 1986.

Date	Daily Count	Cumulative Count	Daily Percent of Total	Cumulative Percent
July 05	78	78	0.7	0.7
06	0	78	0.7	1.4
07	33	111	1.0	2.5
08	105	216	2.0	4.5
09	108	324	3.0	7.6
10	0	324	3.0	10.6
11	0	324	3.0	13.7
12	99	423	4.0	17.6
13	69	492	4.6	22.3
14	99	591	5.6	27.8
15	12	603	5.7	33.5
16	54	657	6.2	39.7
17	0	657	6.2	45.9
18	0	657	6.2	52.1
19	6	663	6.2	58.3
20	44	707	6.7	65.0
21	27	734	6.9	71.9
22	0	734	6.9	78.8
23	0	734	6.9	85.7
24	24	758	7.1	92.8
25 a/	0	758	7.1	100.0
Total	758	758	100.0	100.0

a/ 25 July is a partial count.

Appendix E.4. Sockeye salmon daily and cumulative escapement counts past the Nelson River counting tower, 1986.

	Daily			Cumulative			Daily Percent			Cumulative Percent of Total		
Date	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Total
June 17	63	0	63	63	0	63	0.1	0.0	0.1	0.1	0.0	0.1
18	48	0	48	111	0	111	0.0	0.0	0.0	0.1	0.0	0.1
19	258	6	264	369	6	375	0.2	0.1	0.2	0.4	0.1	0.3
20	516	30	546	885	36	921	0.5	0.6	0.5	0.8	0.7	0.8
21	1,023	9	1,032	1,908	45	1,953	1.0	0.2	0.9	1.8	0.9	1.8
22	912	56	968	2,820	101	2,921	0.9	1.1	0.9	2.7	2.0	2.7
23	282	12	294	3,102	113	3,215	0.3	0.2	0.3	3.0	2.3	2.9
24	435	12	447	3,537	125	3,662	0.4	0.2	0.4	3.4	2.5	3.3
25	630	39	669	4,167	164	4,331	0.6	0.8	0.6	4.0	3.3	4.0
26	1,587	24	1,611	5,754	188	5,942	1.5	0.5	1.5	5.5	3.8	5.4
27	2,097	72	2,169	7,851	260	8,111	2.0	1.4	2.0	7.5	5.2	7.4
28	2,757	147	2,904	10,608	407	11,015	2.6	3.0	2.7	10.2	8.2	10.1
29	2,856	465	3,321	13,464	872	14,336	2.7	9.3	3.0	12.9	17.5	13.1
30	3,141	375	3,516	16,605	1,247	17,852	3.0	7.5	3.2	15.9	25.0	16.3
July 01	4,542	231	4,773	21,147	1,478	22,625	4.3	4.6	4.4	20.2	29.7	20.7
02	2,262	258	2,520	23,409	1,736	25,145	2.2	5.2	2.3	22.4	34.8	23.0
03	3,252	306	3,558	26,661	2,042	28,703	3.1	6.1	3.3	25.5	41.0	26.2
04	786	60	846	27,447	2,102	29,549	0.8	1.2	0.8	26.3	42.2	27.0
05	5,460	447	5,907	32,907	2,549	35,456	5.2	9.0	5.4	31.5	51.2	32.4
06	3,177	264	3,441	36,084	2,813	38,897	3.0	5.3	3.1	34.5	56.5	35.5
07	9,867	342	10,209	45,951	3,155	49,106	9.4	6.9	9.3	44.0	63.3	44.9
08	3,432	126	3,558	49,383	3,281	52,664	3.3	2.5	3.3	47.3	65.9	48.1
09	1,125	75	1,200	50,508	3,356	53,864	1.1	1.5	1.1	48.3	67.4	49.2
10	2,691	123	2,814	53,199	3,479	56,678	2.6	2.5	2.6	50.9	69.8	51.8
11	2,898	75	2,973	56,097	3,554	59,651	2.8	1.5	2.7	53.7	71.3	54.5
12	7,908	102	8,010	64,005	3,656	67,661	7.6	2.0	7.3	61.3	73.4	61.8
13	4,833	54	4,887	68,838	3,710	72,548	4.6	1.1	4.5	65.9	74.5	66.3
14	9,570	339	9,909	78,408	4,049	82,457	9.2	6.8	9.1	75.0	81.3	75.3
15	5,142	204	5,346	83,550	4,253	87,803	4.9	4.1	4.9	80.0	85.4	80.2
16	3,867	144	4,011	87,417	4,397	91,814	3.7	2.9	3.7	83.7	88.3	83.9
17	3,693	237	3,930	91,110	4,634	95,744	3.5	4.8	3.6	87.2	93.0	87.5
18	2,694	174	2,868	93,804	4,808	98,612	2.6	3.5	2.6	89.8	96.5	90.1
19	1,110	72	1,182	94,914	4,880	99,794	1.1	1.4	1.1	90.8	98.0	91.2
20	3,190	102	3,292	98,104	4,982	103,086	3.1	2.0	3.0	93.9	100.0	94.2
21	1,725	0	1,725	99,829	4,982	104,811	1.7	0.0	1.6	95.5	100.0	95.8
22	1,684	0	1,684	101,513	4,982	106,495	1.6	0.0	1.5	97.2	100.0	97.3
23	1,644	0	1,644	103,157	4,982	108,139	1.6	0.0	1.5	98.7	100.0	98.8
24	1,048	0	1,048	104,205	4,982	109,187	1.0	0.0	1.0	99.7	100.0	99.7
25 a/	276	0	276	104,481	4,982	109,463	0.3	0.0	0.3	100.0	100.0	100.0
Total	104,481	4,982	109,463	104,481	4,982	109,463	100.0	100.0	100.0	100.0	100.0	100.0

a/ 25 July is a partial daily count.

Appendix E.5. Sockeye salmon daily and cumulative percentage counts for 1986 and daily and total average cumulative average percentages for 1970-85 for the Nelson River.

Date		1986 Daily	1986 Daily Percent	1986 Cumulative Percent	1970-1985 Average Percent Daily	1970-1985 Average Percent Cumulative
June	01	0	0.0	0.0	0.0	0.0
	02	0	0.0	0.0	0.0	0.0
	03	0	0.0	0.0	0.0	0.0
	04	0	0.0	0.0	0.0	0.0
	05	0	0.0	0.0	0.0	0.0
	06	0	0.0	0.0	0.0	0.0
	07	0	0.0	0.0	0.0	0.0
	08	0	0.0	0.0	0.0	0.0
	09	0	0.0	0.0	0.0	0.0
	10	0	0.0	0.0	0.0	0.0
	11	0	0.0	0.0	0.0	0.0
	12	0	0.0	0.0	0.0	0.0
	13	0	0.0	0.0	0.0	0.1
	14	0	0.0	0.0	0.0	0.1
	15	0	0.0	0.0	0.0	0.1
	16	0	0.0	0.0	0.0	0.1
	17	63	0.1	0.1	0.1	0.2
	18	48	0.0	0.1	0.1	0.3
	19	264	0.2	0.3	0.3	0.6
	20	546	0.5	0.8	0.2	0.7
	21	1,032	0.9	1.8	0.2	0.9
	22	968	0.9	2.7	0.5	1.4
	23	294	0.3	2.9	0.8	2.3
	24	447	0.4	3.3	0.9	3.2
	25	669	0.6	4.0	1.2	4.3
	26	1,611	1.5	5.4	1.7	6.1
	27	2,169	2.0	7.4	2.2	8.3
	28	2,904	2.7	0.1	2.2 a/	10.5
	29	3,321	3.0	3.1	2.6	13.0
	30	3,516	3.2	6.3	3.5	16.6
July	01	4,773	4.4	20.7	3.3	19.8
	02	2,520	2.3	3.0	3.7	23.5
	03	3,558	3.3	6.2	6.4	29.9
	04	846	0.8	7.0	4.8	34.7
	05	5,907	5.4	2.4	5.5	40.2
	06	3,441	3.1	5.5	6.7	46.9
	07	10,209	9.3	44.9	6.4	53.2
	08	3,558	3.3	48.1	4.8	58.1
	09	1,200	1.1	49.2	5.1	63.2

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Appendix E.5. (p 2 of 3)

Date		1986 Daily	1986 Daily Percent	1986 Cumulative Percent	1970-1985 Average Percent Daily	1970-1985 Average Percent Cumulative
July	10	2,814	2.6	46.6	3.1	66.3
	11	2,973	2.7	43.9	3.9	70.2
	12	8,010	7.3	36.6	3.7	73.9
	13	4,887	4.5	32.1	3.3	77.2
	14	9,909	9.1	23.1	2.5	79.7
	15	5,346	4.9	18.2	2.2	81.9
	16	4,011	3.7	14.5	1.2	83.1
	17	3,930	3.6	10.9	1.6	84.7
	18	2,868	2.6	8.3	1.9	86.6
	19	1,182	1.1	7.2	1.5	88.1
	20	3,292	3.0	4.2	1.4	89.5
	21	1,725	1.6	2.7	0.9	90.4
	22	1,684	1.5	1.1	0.7	91.2
	23	1,644	1.5	-0.4	0.9	92.1
	24	1,048 b/	1.0	-1.3	0.7	92.8
	25	276 c/	0.3	-1.6	0.8	93.6
	26	0	0	0	0.7	94.3
	27	0	0	0	0.3	94.6
	28	0	0	0	0.4	95.0
	29	0	0	0	0.4	95.3
	30	0	0	0	0.3	95.7
	31	0	0	0	0.2	95.9
Aug	01	0	0	0	0.1	96.0
	02	0	0	0	0.2	96.2
	03	0	0	0	0.2	96.4
	04	0	0	0	0.2	96.6
	05	0	0	0	0.2	96.8
	06	0	0	0	0.2	97.0
	07	0	0	0	0.4	97.4
	08	0	0	0	0.4	97.8
	09	0	0	0	0.4	98.2
	10	0	0	0	0.6	98.8
	11	0	0	0	0.2	98.9
	12	0	0	0	0.3	99.2
	13	0	0	0	0.2	99.4
	14	0	0	0	0.2	99.6
	15	0	0	0	0.2	99.8
	16	0	0	0	0.1	99.9
	17	0	0	0	0.0	99.9
	18	0	0	0	0.0	99.9
	19	0	0	0	0.0	99.9

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Appendix E.5. (p 3 of 3)

Date		1986 Daily	1986 Daily Percent	1986 Cumulative Percent	1970-1985 Average Daily	1970-1985 Average Cumulative Percent
Aug	20	0	0	0	0.0	99.9
	21	0	0	0	0.0	100.0
	22	0	0	0	0.0	100.0
	23	0	0	0	0.0	100.0
	24	0	0	0	0.0	100.0
	25	0	0	0	0.0	100.0
	26	0	0	0	0.0	100.0
	27	0	0	0	0.0	100.0
	28	0	0	0	0.0	100.0
	29	0	0	0	0.0	100.0
	30	0	0	0	0.0	100.0
	31	0	0	0	0.0	100.0
Total		109,463	100.0	100.0	100.0	100.0

a/ No tower counts were available from 6/28/85 - 7/2/85 due to excessive water levels, therefore the aerial survey count on 7/3/85 of 83,992 fish was used; the total count for 1975 (aerial and weir) was 133,096 sockeye salmon.

b/ After the tower closure date (7/24/86) the 1986 escapement was determined by using the average daily escapement of 7.2% (from the 1970-85 data). The additional escapement after 24 July was 7,861 resulting in a total count for 1986 of 117,048 sockeye, past the Nelson River counting tower.

c/ 25 July 1986 indicates a partial daily count, this number was not included in the total sockeye salmon escapement.

Appendix F.1. Age composition of the Southeast Mainland Area sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
25	190	Percent	0.0	1.1	2.1	64.7	6.3	0.0	25.8	100.0
		Numbers	0	675	1,351	41,540	4,053	0	16,548	64,167
		SE	0	476	670	2,230	1,135	0	2,042	
27-28	546	Percent	0.2	0.9	1.8	72.7	5.7	0.4	18.3	100.0
		Numbers	139	697	1,395	55,378	4,324	279	13,949	76,162
		SE	139	311	437	1,453	755	197	1,262	
29-37	550	Percent	0.0	1.1	0.9	61.8	4.2	0.9	31.1	100.0
		Numbers	0	1,147	956	65,022	4,399	956	32,702	105,182
		SE	0	466	426	2,181	899	426	2,078	
Total	1,286	Percent	0.1	1.0	1.5	66.0	5.2	0.5	25.7	100.0
		Numbers	139	2,519	3,702	161,940	12,776	1,235	63,199	245,511
		SE	139	735	907	3,441	1,633	469	3,175	

Catches for statistical weeks 25-28 were set gill net gear only.
Catches for statistical weeks 29-37 were set gill net and purse seine gear.

Appendix F.2. Age composition of the Southeast Mainland Area male sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	1.3	2.2	1.4	2.3	Total
25	111	Percent	0.0	1.8	65.8	7.2	0.0	25.2	100.0
		Numbers	0	654	23,887	2,618	0	9,162	36,321
		SE	0	469	2,256	923	0	1,633	
27-28	255	Percent	0.8	2.7	74.5	5.5	0.4	16.1	100.0
		Numbers	281	984	26,716	1,969	141	5,765	35,856
		SE	198	368	1,557	518	140	863	
29-37	377	Percent	1.1	1.3	59.2	4.5	1.1	32.9	100.0
		Numbers	766	957	42,689	3,254	766	23,738	72,170
		SE	382	426	2,204	777	382	1,877	
Total	743	Percent	0.7	1.8	64.6	5.4	0.6	26.8	100.0
		Numbers	1,047	2,595	93,292	7,841	907	38,665	144,347
		SE	430	733	3,518	1,313	407	2,633	

Catches for statistical weeks 25-28 were set gill net gear only.
Catches for statistical weeks 29-37 were set gill net and purse seine gear.

Appendix F.3. Age composition of the Southeast Mainland Area female sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
25	79	Percent	0.0	2.5	2.5	63.3	5.1	0.0	26.6	100.0
		Numbers	0	705	705	17,624	1,410	0	7,402	27,846
		SE	0	487	487	2,083	684	0	1,491	
27-28	291	Percent	0.3	1.0	1.0	71.1	5.8	0.3	20.3	100.0
		Numbers	139	416	416	28,671	2,355	139	8,172	40,306
		SE	139	240	240	1,581	565	139	1,010	
29-37	173	Percent	0.0	1.2	0.0	67.6	3.5	0.6	27.2	100.0
		Numbers	0	382	0	22,326	1,145	191	8,969	33,012
		SE	0	270	0	1,836	466	191	1,254	
Total	543	Percent	0.1	1.5	1.1	67.8	4.9	0.3	24.3	100.0
		Numbers	139	1,503	1,121	68,621	4,910	330	24,543	101,164
		SE	139	606	543	3,195	1,002	236	2,194	

Catches for statistical weeks 25-28 were set gill net gear only.
Catches for statistical weeks 29-37 were set gill net and purse seine gear.

Appendix F.4. Length composition of the Southeast Mainland Area June through July sockeye set gill net catch samples by age and sex, statistical weeks 25, 28, and 29, 1986.

	AGE							
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
Females								
Mean Length	499	571	496	568	519	572	572	566
SE	-	6	5	1	4	15	2	1
Range	499-499	559-603	482-510	481-627	480-555	557-586	518-610	480-627
Sample Size	1	7	5	374	26	2	126	541
Males								
Mean Length	0	594	511	595	529	618	591	589
SE	-	7	11	1	5	7	2	1
Range	0-0	573-616	423-561	473-651	430-582	603-638	503-679	423-679
Sample Size	0	6	14	486	39	5	193	743
All Fish								
Mean Length	499	582	507	583	525	605	584	579
SE	-	5	9	1	4	10	1	1
Range	499-499	559-616	423-561	473-651	430-582	557-638	503-679	423-679
Sample Size	1	13	19	860	65	7	319	1,284

Appendix F.5. Sex composition of the Southeast Mainland area sockeye catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
25	92	120	212	43.4	56.6	27,846	36,321	64,167
27-28	317	282	599	52.9	47.1	40,306	35,856	76,162
29-37	188	411	599	31.4	68.6	33,012	72,170	105,182
Total	597	813	1,410	41.2	58.8	101,164	144,347	245,511

Appendix F.6. Age composition of the Southeast Mainland Area sockeye set gill net catch, statistical weeks 25, 27, and 28, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
25	190	Percent	0.0	1.1	2.1	64.7	6.3	0.0	25.8	100.0
		Numbers	0	675	1,351	41,540	4,053	0	16,548	64,167
		SE	0	476	670	2,230	1,135	0	2,042	
27-28	546	Percent	0.2	0.9	1.8	72.7	5.7	0.4	18.3	100.0
		Numbers	139	697	1,395	55,378	4,324	279	13,949	76,162
		SE	139	311	437	1,453	755	197	1,262	
Total	736	Percent	0.1	1.0	2.0	69.1	6.0	0.2	21.7	100.0
		Numbers	139	1,372	2,746	96,918	8,377	279	30,497	140,329
		SE	139	569	800	2,662	1,363	197	2,400	

Appendix F.7. Age composition of the Southeast Mainland Area male sockeye set gill net catch, statistical weeks 25, 27, and 28, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	1.3	2.2	1.4	2.3	Total
25	111	Percent	0.0	1.8	65.8	7.2	0.0	25.2	100.0
		Numbers	0	654	23,887	2,618	0	9,162	36,321
		SE	0	469	2,256	923	0	1,633	
27-28	255	Percent	0.8	2.7	74.5	5.5	0.4	16.1	100.0
		Numbers	281	984	26,716	1,969	141	5,765	35,856
		SE	198	368	1,557	518	140	863	
Total	366	Percent	0.4	2.3	70.1	6.4	0.2	20.7	100.0
		Numbers	281	1,638	50,603	4,587	141	14,927	72,177
		SE	198	596	2,741	1,059	140	1,847	

Appendix F.8. Age composition of the Southeast Mainland Area female sockeye set gill net catch, statistical weeks 25, 27, and 28, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
25	79	Percent	0.0	2.5	2.5	63.3	5.1	0.0	26.6	100.0
		Numbers	0	705	705	17,624	1,410	0	7,402	27,846
		SE	0	487	487	2,083	684	0	1,491	
27-28	291	Percent	0.3	1.0	1.0	71.1	5.8	0.3	20.3	100.0
		Numbers	139	416	416	28,671	2,355	139	8,172	40,306
		SE	139	240	240	1,581	565	139	1,010	
Total	370	Percent	0.2	1.6	1.6	67.9	5.5	0.2	22.9	100.0
		Numbers	139	1,121	1,121	46,295	3,765	139	15,574	68,152
		SE	139	543	543	2,615	887	139	1,801	

Appendix F.9. Length composition of the Southeast Mainland Area sockeye set gill net catch samples by age and sex, statistical weeks 25 and 28, 1986.

	AGE							
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
Females								
Mean Length	499	574	496	566	519	586	569	563
SE	-	7	5	1	5	-	2	1
Range	499-499	561-603	482-510	481-614	480-555	586-586	526-596	480-614
Sample Size	1	5	5	257	20	1	79	368
Males								
Mean Length	0	605	513	592	527	606	585	585
SE	-	11	14	2	8	-	3	2
Range	0-0	594-616	423-561	473-651	430-582	606-606	503-642	423-651
Sample Size	0	2	9	263	22	1	69	366
All Fish								
Mean Length	499	583	507	579	523	596	576	574
SE	-	8	9	1	5	10	2	1
Range	499-499	561-616	423-561	473-651	430-582	586-606	503-642	423-651
Sample Size	1	7	14	520	42	2	148	734

Appendix F.10. Length composition of the Southeast Mainland Area sockeye set gill net catch samples by age and sex, statistical week 25, 1986.

	AGE					
	0.3	1.2	1.3	2.2	2.3	Total
Females						
Mean Length	586	491	564	502	560	558
SE	18	9	3	10	4	3
Range	568-603	482-500	488-614	483-522	526-595	482-614
Sample Size	2	2	50	4	21	79
Males						
Mean Length	0	532	581	537	579	576
SE	-	2	3	11	6	3
Range	0-0	530-534	473-634	482-577	514-631	473-634
Sample Size	0	2	73	8	28	111
All Fish						
Mean Length	586	512	574	526	571	569
SE	18	12	3	9	4	2
Range	568-603	482-534	473-634	482-577	514-631	473-634
Sample Size	2	4	123	12	49	190

Appendix F.11. Length composition of the Southeast Mainland Area sockeye set gill net catch samples by age and sex, statistical week 28, 1986.

	AGE							
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
Females								
Mean Length	499	567	499	567	523	586	572	565
SE	-	3	7	1	6	-	2	1
Range	499-499	561-571	487-510	481-613	480-555	586-586	534-596	480-613
Sample Size	1	3	3	207	16	1	58	289
Males								
Mean Length	0	605	508	596	521	606	589	589
SE	-	11	18	2	10	-	4	2
Range	0-0	594-616	423-561	533-651	430-582	606-606	503-642	423-651
Sample Size	0	2	7	190	14	1	41	255
All Fish								
Mean Length	499	582	505	581	522	596	579	576
SE	-	10	12	1	6	10	2	1
Range	499-499	561-616	423-561	481-651	430-582	586-606	503-642	423-651
Sample Size	1	5	10	397	30	2	99	544

Appendix F.12. Age composition of the Southeast Mainland Area sockeye set gill net and purse seine catch, statistical weeks 29 through 37, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	1.3	2.2	1.4	2.3	Total
29-37	377	Males							
		Percent	1.1	1.3	59.2	4.5	1.1	32.9	100.0
		Numbers	766	957	42,689	3,254	766	23,738	72,170
		SE	382	426	2,204	777	382	1,877	
	173	Females							
		Percent	1.2	0.0	67.6	3.5	0.6	27.2	100.0
		Numbers	382	0	22,326	1,145	191	8,969	33,012
		SE	270	0	1,836	466	191	1,254	
	550	All Fish							
		Percent	1.1	0.9	61.8	4.2	0.9	31.1	100.0
		Numbers	1,147	956	65,022	4,399	956	32,702	105,182
		SE	466	426	2,181	899	426	2,078	

Appendix F.13. Length composition of the Southeast Mainland sockeye set gill net and purse seine catch samples by age and sex, statistical week 29, 1986.

	AGE							
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
Females								
Mean Length	0	565	0	572	521	557	578	572
SE	-	6	-	2	5	-	2	2
Range	0-0	559-570	0-0	521-627	508-535	557-557	518-610	508-627
Sample Size	0	2	0	117	6	1	47	173
Males								
Mean Length	0	588	509	599	531	621	595	593
SE	-	8	22	2	7	8	2	2
Range	0-0	573-607	430-552	517-649	464-564	603-638	522-679	430-679
Sample Size	0	4	5	223	17	4	124	377
All Fish								
Mean Length	0	580	509	590	528	608	590	586
SE	-	7	22	1	5	14	2	1
Range	0-0	559-607	430-552	517-649	464-564	557-638	518-679	430-679
Sample Size	0	6	5	340	23	5	171	550

Appendix F.14. Age composition of the Shumagin Island Section sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
24	162	Percent	0.0	6.2	1.9	0.0	48.1	16.7	0.0	27.2	100.0
		Numbers	0	2,144	643	0	16,722	5,789	0	9,433	34,731
		SE	0	659	369	0	1,368	1,020	0	1,217	
25	184	Percent	1.1	3.3	11.4	0.0	29.9	36.4	0.0	17.9	100.0
		Numbers	669	2,007	7,025	0	18,400	22,414	0	11,040	61,556
		SE	472	808	1,447	0	2,083	2,190	0	1,746	
26-27	535	Percent	0.2	2.6	5.2	0.2	27.1	29.5	0.4	34.8	100.0
		Numbers	163	2,281	4,562	163	23,625	25,743	326	30,305	87,167
		SE	163	602	840	163	1,677	1,721	230	1,796	
28-38	543	Percent	0.0	2.0	1.1	0.0	49.7	14.2	0.0	33.0	100.0
		Numbers	0	6,369	3,474	0	156,324	44,581	0	103,637	314,384
		SE	0	1,902	1,412	0	6,752	4,711	0	6,348	
Total	1,424	Percent	0.2	2.6	3.2	0.0	43.2	19.8	0.1	31.0	100.0
		Numbers	832	12,801	15,704	163	215,071	98,527	326	154,415	497,838
		SE	499	2,251	2,220	163	7,390	5,567	230	6,932	

Appendix F.15. Age composition of the Shumagin Island Section male sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
24	89	Percent	0.0	6.7	3.4	0.0	44.9	22.5	0.0	22.5	100.0
		Numbers	0	1,243	622	0	8,290	4,145	0	4,145	18,445
		SE	0	509	363	0	1,167	887	0	887	
25	73	Percent	2.7	2.7	15.1	0.0	31.5	35.6	0.0	12.3	100.0
		Numbers	686	686	3,774	0	7,891	8,920	0	3,088	25,045
		SE	478	478	1,092	0	1,521	1,602	0	993	
26-27	203	Percent	0.5	3.0	6.4	0.5	24.1	32.0	0.5	33.0	100.0
		Numbers	166	997	2,160	166	8,143	10,802	166	11,135	33,737
		SE	165	401	586	165	1,098	1,243	165	1,259	
28-38	311	Percent	0.0	1.6	0.6	0.0	49.8	13.2	0.0	34.7	100.0
		Numbers	0	2,904	1,162	0	90,023	23,812	0	62,725	180,626
		SE	0	1,292	819	0	6,105	3,573	0	5,397	
Total	676	Percent	0.3	2.3	3.0	0.1	44.3	18.5	0.1	31.4	100.0
		Numbers	852	5,830	7,718	166	114,347	47,679	166	81,093	257,853
		SE	505	1,522	1,529	165	6,492	4,203	165	5,699	

Appendix F.16. Age composition of the Shumagin Island Section female sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	1.3	2.2	1.4	2.3	Total
24	73	Percent	5.5	0.0	52.1	9.6	0.0	32.9	100.0
		Numbers	892	0	8,478	1,562	0	5,354	16,286
		SE	433	0	1,176	567	0	988	
25	111	Percent	3.6	9.0	28.8	36.9	0.0	21.6	100.0
		Numbers	1,316	3,289	10,526	13,486	0	7,894	36,511
		SE	658	1,023	1,713	1,882	0	1,521	
26-27	332	Percent	2.4	4.5	28.9	28.0	0.3	35.8	100.0
		Numbers	1,287	2,414	15,450	14,967	161	19,151	53,430
		SE	455	619	1,440	1,423	162	1,562	
28-38	231	Percent	2.6	1.7	49.8	15.6	0.0	30.3	100.0
		Numbers	3,474	2,316	66,589	20,845	0	40,533	133,758
		SE	1,412	1,155	5,518	3,360	0	4,525	
Total	747	Percent	2.9	3.3	42.1	21.2	0.1	30.4	100.0
		Numbers	6,969	8,019	101,043	50,860	161	72,932	239,985
		SE	1,679	1,663	6,069	4,145	162	5,120	

Appendix F.17. Length composition of the Shumagin Island Section June through July, sockeye purse seine and set gill net catch samples by age and sex, statistical weeks 24 through 26 and 29, 1986.

	AGE								
	0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
Females									
Mean Length	0	556	488	0	561	512	542	557	545
SE	-	6	4	-	1	2	-	2	1
Range	0-0	507-600	447-562	0-0	459-624	450-573	542-542	426-613	426-624
Sample Size	0	22	29	0	281	177	1	237	747
Males									
Mean Length	415	571	488	400	581	521	586	579	562
SE	5	8	6	-	2	3	-	2	2
Range	406-424	491-617	403-550	400-400	456-650	402-597	586-586	485-647	400-650
Sample Size	3	19	29	1	267	152	1	204	676
All Fish									
Mean Length	415	563	488	400	571	516	564	568	553
SE	5	5	4	-	1	2	22	1	1
Range	406-424	491-617	403-562	400-400	456-650	402-597	542-586	426-647	400-650
Sample Size	3	41	58	1	548	329	2	441	1,423

Appendix F.18. Sex composition of the Shumagin Island Section sockeye catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
24	83	94	177	46.9	53.1	16,286	18,445	34,731
25	121	83	204	59.3	40.7	36,511	25,045	61,556
26-27	369	233	602	61.3	38.7	53,430	33,737	87,167
28-38	254	343	597	42.5	57.5	133,758	180,626	314,384
Total	827	753	1,580	48.2	51.8	239,985	257,853	497,838

Appendix F.19. Age composition of the Shumagin Island Section sockeye catch, statistical weeks 24 through 27, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
24	162	Percent	0.0	6.2	1.9	0.0	48.1	16.7	0.0	27.2	100.0
		Numbers	0	2,144	643	0	16,722	5,789	0	9,433	34,731
		SE	0	659	369	0	1,368	1,020	0	1,217	
25	184	Percent	1.1	3.3	11.4	0.0	29.9	36.4	0.0	17.9	100.0
		Numbers	669	2,007	7,025	0	18,400	22,414	0	11,040	61,556
		SE	472	808	1,447	0	2,083	2,190	0	1,746	
26-27	535	Percent	0.2	2.6	5.2	0.2	27.1	29.5	0.4	34.8	100.0
		Numbers	163	2,281	4,562	163	23,625	25,743	326	30,305	87,167
		SE	163	602	840	163	1,677	1,721	230	1,796	
Total	881	Percent	0.5	3.5	6.7	0.1	32.0	29.4	0.2	27.7	100.0
		Numbers	832	6,432	12,230	163	58,747	53,946	326	50,778	183,454
		SE	499	1,204	1,713	163	3,003	2,966	230	2,785	

Appendix F.20. Age composition of the Shumagin Island Section male sockeye catch, statistical weeks 24 through 27, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
24	89	Percent	0.0	6.7	3.4	0.0	44.9	22.5	0.0	22.5	100.0
		Numbers	0	1,243	622	0	8,290	4,145	0	4,145	18,445
		SE	0	509	363	0	1,167	887	0	887	
25	73	Percent	2.7	2.7	15.1	0.0	31.5	35.6	0.0	12.3	100.0
		Numbers	686	686	3,774	0	7,891	8,920	0	3,088	25,045
		SE	478	478	1,092	0	1,521	1,602	0	993	
26-27	203	Percent	0.5	3.0	6.4	0.5	24.1	32.0	0.5	33.0	100.0
		Numbers	166	997	2,160	166	8,143	10,802	166	11,135	33,737
		SE	165	401	586	165	1,098	1,243	165	1,259	
Total	365	Percent	1.1	3.8	8.5	0.2	31.5	30.9	0.2	23.8	100.0
		Numbers	852	2,926	6,556	166	24,324	23,867	166	18,368	77,227
		SE	505	805	1,291	165	2,209	2,213	165	1,833	

Appendix F.21. Age composition of the Shumagin Island Section female sockeye catch, statistical weeks 24 through 27, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	1.3	2.2	1.4	2.3	Total
24	73	Percent	5.5	0.0	52.1	9.6	0.0	32.9	100.0
		Numbers	892	0	8,478	1,562	0	5,354	16,286
		SE	433	0	1,176	567	0	988	
25	111	Percent	3.6	9.0	28.8	36.9	0.0	21.6	100.0
		Numbers	1,316	3,289	10,526	13,486	0	7,894	36,511
		SE	658	1,023	1,713	1,882	0	1,521	
26-27	332	Percent	2.4	4.5	28.9	28.0	0.3	35.8	100.0
		Numbers	1,287	2,414	15,450	14,967	161	19,151	53,430
		SE	455	619	1,440	1,423	162	1,562	
Total	516	Percent	3.3	5.4	32.4	28.3	0.2	30.5	100.0
		Numbers	3,495	5,703	34,454	30,015	161	32,399	106,227
		SE	910	1,196	2,528	2,426	162	2,394	

Appendix F.22. Length composition of the Shumagin Island Section June sockeye purse seine and set gill net catch samples by age and sex, statistical weeks 24 through 26, 1986.

	AGE								
	0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
Females									
Mean Length	0	549	489	0	555	509	542	553	539
SE	-	6	5	-	2	2	-	2	1
Range	0-0	507-590	455-562	0-0	459-605	450-572	542-542	426-613	426-613
Sample Size	0	16	25	0	166	141	1	167	516
Males									
Mean Length	415	572	486	400	576	515	586	566	546
SE	5	10	7	-	3	3	-	3	3
Range	406-424	491-617	403-550	400-400	456-650	402-586	586-586	485-622	400-650
Sample Size	3	14	27	1	112	111	1	96	365
All Fish									
Mean Length	415	559	487	400	564	512	564	558	542
SE	5	6	4	-	2	2	22	2	1
Range	406-424	491-617	403-562	400-400	456-650	402-586	542-586	426-622	400-650
Sample Size	3	30	52	1	278	252	2	263	881

Appendix F.23. Length composition of the Shumagin Island Section sockeye purse seine and set gill net catch samples by age and sex, statistical week 24, 1986.

	AGE					
	0.3	1.2	1.3	2.2	2.3	Total
Females						
Mean Length	571	0	564	507	557	557
SE	16	-	3	7	6	3
Range	524-590	0-0	511-605	486-531	486-613	486-613
Sample Size	4	0	38	7	24	73
Males						
Mean Length	555	499	571	524	563	555
SE	20	10	5	9	8	4
Range	491-603	487-518	496-627	437-586	491-622	437-627
Sample Size	6	3	40	20	20	89
All Fish						
Mean Length	561	499	568	519	560	556
SE	13	10	3	7	5	3
Range	491-603	487-518	496-627	437-586	486-622	437-627
Sample Size	10	3	78	27	44	162

Appendix F.24. Length composition of the Shumagin Island Section sockeye purse seine and set gill net catch samples by age and sex, statistical week 25, 1986.

	AGE						
	0.2	0.3	1.2	1.3	2.2	2.3	Total
Females							
Mean Length	0	534	487	551	506	555	529
SE	-	12	9	5	3	4	3
Range	0-0	507-563	455-562	459-591	450-542	516-589	450-591
Sample Size	0	4	10	32	41	24	111
Males							
Mean Length	411	591	490	577	509	553	533
SE	5	8	6	6	6	11	6
Range	406-415	583-598	463-524	508-620	437-567	485-594	406-620
Sample Size	2	2	11	23	26	9	73
All Fish							
Mean Length	411	553	488	562	507	554	530
SE	5	14	5	4	3	4	3
Range	406-415	507-598	455-562	459-620	437-567	485-594	406-620
Sample Size	2	6	21	55	67	33	184

Appendix F.25. Length composition of the Shumagin Island Section sockeye purse seine and drift gill net catch samples by age and sex, statistical week 26, 1986.

	AGE								
	0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	Total
Females									
Mean Length	0	545	490	0	553	511	542	552	538
SE	-	6	5	-	2	2	-	2	2
Range	0-0	515-565	464-518	0-0	484-600	455-572	542-542	426-613	426-613
Sample Size	0	8	15	0	96	93	1	119	332
Males									
Mean Length	424	582	479	400	579	514	586	568	547
SE	-	12	13	-	5	4	-	3	3
Range	424-424	542-617	403-550	400-400	456-650	402-580	586-586	511-621	400-650
Sample Size	1	6	13	1	49	65	1	67	203
All Fish									
Mean Length	424	561	485	400	562	512	564	558	541
SE	-	8	6	-	3	2	22	2	2
Range	424-424	515-617	403-550	400-400	456-650	402-580	542-586	426-621	400-650
Sample Size	1	14	28	1	145	158	2	186	535

Appendix F.26. Sex composition of the Shumagin Island Section June sockeye catch, statistical weeks 24 through 27, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
24	83	94	177	46.9	53.1	16,286	18,445	34,731
25	121	83	204	59.3	40.7	36,511	25,045	61,556
26-27	369	233	602	61.3	38.7	53,430	33,737	87,167
Total	573	410	983	57.9	42.1	106,227	77,227	183,454

Appendix F.27. Age composition of the Shumagin Island Section July through October sockeye catch, statistical weeks 28 through 38, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	1.3	2.2	2.3	Total
28-38	311	Males						
		Percent	1.6	0.6	49.8	13.2	34.7	100.0
		Numbers	2,904	1,162	90,023	23,812	62,725	180,626
		SE	1,292	819	6,105	3,573	5,397	
	231	Females						
		Percent	2.6	1.7	49.8	15.6	30.3	100.0
		Numbers	3,474	2,316	66,589	20,845	40,533	133,758
		SE	1,412	1,155	5,518	3,360	4,525	
	543	All Fish						
		Percent	2.0	1.1	49.7	14.2	33.0	100.0
		Numbers	6,369	3,474	156,324	44,581	103,637	314,384
		SE	1,902	1,412	6,752	4,711	6,348	

Appendix F.28. Length composition of the Shumagin Island Section July sockeye purse seine and set gill net catch samples by age and sex, statistical week 29, 1986.

	AGE						
	0.2	0.3	1.2	1.3	2.2	2.3	Total
Females							
Mean Length	0	575	482	569	522	568	560
SE	-	11	14	2	3	3	2
Range	0-0	542-600	447-511	518-624	491-573	510-612	447-624
Sample Size	0	6	4	115	36	70	231
Males							
Mean Length	0	568	513	586	538	591	581
SE	-	10	26	2	4	3	2
Range	0-0	550-601	487-538	493-645	471-597	506-647	471-647
Sample Size	0	5	2	155	41	108	311
All Fish							
Mean Length	0	571	492	579	530	582	572
SE	-	7	13	2	3	2	1
Range	0-0	542-601	447-538	493-645	471-597	506-647	447-647
Sample Size	0	11	6	270	77	178	542

Appendix F.29. Sex composition of the Shumagin Island Section July through September sockeye catch, statistical weeks 28 through 38, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
28-38	254	343	597	42.5	57.5	133,758	180,626	314,384
Total	254	343	597	42.5	57.5	133,758	180,626	314,384

Appendix F.30. Age composition of the Canoe Bay sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	3.3	Total
27-33	155	Males										
		Percent	11.6	4.5	0.0	78.1	3.2	0.0	1.9	0.6	0.0	100.0
		Numbers	511	199	0	3,436	142	0	85	28	0	4,402
		SE	117	74	0	225	63	0	49	28	0	
	92	Females										
		Percent	8.7	3.3	1.1	72.8	7.6	1.1	4.3	0.0	1.1	100.0
		Numbers	231	87	29	1,934	202	29	115	0	29	2,656
		SE	80	50	29	201	75	29	57	0	29	
	247	All Fish										
		Percent	10.5	4.1	0.4	76.1	4.9	0.4	2.8	0.4	0.4	100.0
		Numbers	743	286	29	5,372	343	29	200	29	29	7,058
		SE	138	89	29	192	97	29	75	29	29	

Appendix F.31. Length composition of the Canoe Bay sockeye purse seine and set gill net catch samples by age and sex, statistical week 29, 1986.

	AGE									
	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	3.3	Total
Females										
Mean Length	563	480	600	566	514	616	557	0	560	560
SE	7	28	-	3	10	-	21	-	-	3
Range	531-599	428-522	600-600	513-620	467-548	616-616	510-609	0-0	560-560	428-620
Sample Size	8	3	1	67	7	1	4	0	1	92
Males										
Mean Length	581	494	0	588	554	0	608	573	0	582
SE	5	8	-	3	21	-	12	-	-	3
Range	537-620	455-519	0-0	515-649	499-621	0-0	595-632	573-573	0-0	455-649
Sample Size	18	7	0	121	5	0	3	1	0	155
All Fish										
Mean Length	575	490	600	580	531	616	579	573	560	574
SE	4	9	-	2	12	-	16	-	-	2
Range	531-620	428-522	600-600	513-649	467-621	616-616	510-632	573-573	560-560	428-649
Sample Size	26	10	1	188	12	1	7	1	1	247

Appendix F.32. Sex composition of the Canoe Bay sockeye catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
27-33	105	174	279	37.6	62.4	2,656	4,402	7,058
Total	105	174	279	37.6	62.4	2,656	4,402	7,058

Appendix F.33. Age composition of the Ikatan Peninsula to Cape Lazaref June sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3	Total
24	565	Percent	4.1	1.4	28.3	30.6	0.0	35.0	0.4	0.2	100.0
		Numbers	2,049	713	14,256	15,414	0	17,642	178	89	50,341
		SE	419	250	955	977	0	1,011	126	89	
25-26	339	Percent	0.9	2.1	26.0	27.4	0.3	43.1	0.0	0.3	100.0
		Numbers	984	2,297	28,878	30,519	328	47,911	0	328	111,245
		SE	567	860	2,653	2,700	328	2,996	0	328	
Total	904	Percent	1.9	1.9	26.7	28.4	0.2	40.6	0.1	0.3	100.0
		Numbers	3,033	3,010	43,134	45,933	328	65,553	178	417	161,586
		SE	705	896	2,819	2,871	328	3,162	126	340	

Appendix F.34. Age composition of the Ikatan Peninsula to Cape Lazaref June male sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3	Total
24	235	Percent	3.4	2.1	27.2	40.0	0.0	26.8	0.4	0.0	100.0
		Numbers	736	460	5,892	8,653	0	5,799	92	0	21,633
		SE	255	202	681	800	0	677	91	0	
25-26	151	Percent	1.3	2.6	15.9	36.4	0.7	42.4	0.0	0.7	100.0
		Numbers	667	1,335	8,008	18,353	334	21,356	0	334	50,386
		SE	467	659	1,564	2,246	331	2,383	0	331	
Total	386	Percent	1.9	2.5	19.3	37.5	0.5	37.7	0.1	0.5	100.0
		Numbers	1,403	1,795	13,900	27,006	334	27,155	92	334	72,019
		SE	532	689	1,706	2,384	331	2,477	91	331	

Appendix F.35. Age composition of the Ikatan Peninsula to Cape Lazaref June female sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	1.3	2.2	2.3	3.2	3.3	Total
24	330	Percent	4.5	0.9	29.1	23.9	40.9	0.3	0.3	100.0
		Numbers	1,305	261	8,351	6,873	11,744	87	87	28,708
		SE	337	152	789	728	896	88	88	
25-26	188	Percent	0.5	1.6	34.0	20.2	43.6	0.0	0.0	100.0
		Numbers	324	971	20,718	12,301	26,545	0	0	60,859
		SE	326	563	2,356	1,898	2,579	0	0	
Total	518	Percent	1.8	1.4	32.5	21.4	42.7	0.1	0.1	100.0
		Numbers	1,629	1,232	29,069	19,174	38,289	87	87	89,567
		SE	469	583	2,484	2,032	2,731	88	88	

Appendix F.36. Length composition of the Ikatan Peninsula to Cape Lazaref June sockeye purse seine, drift gill net, and set gill net catch samples by age and sex, statistical weeks 24 and 25, 1986.

	AGE								
	0.3	1.2	1.3	2.2	1.4	2.3	3.2	3.3	Total
Females									
Mean Length	544	495	552	512	0	555	544	543	544
SE	5	8	2	2	-	2	-	-	1
Range	503-580	468-524	454-595	415-593	0-0	456-618	544-544	543-543	415-618
Sample Size	16	6	160	117	0	217	1	1	518
Males									
Mean Length	576	504	557	521	617	571	537	551	547
SE	5	6	4	2	-	3	-	-	2
Range	550-598	473-526	476-626	434-608	617-617	418-646	537-537	551-551	418-646
Sample Size	10	9	88	149	1	127	1	1	386
All Fish									
Mean Length	556	500	554	517	617	561	541	547	545
SE	5	5	2	2	-	2	4	4	1
Range	503-598	468-526	454-626	415-608	617-617	418-646	537-544	543-551	415-646
Sample Size	26	15	248	266	1	344	2	2	904

Appendix F.37. Length composition of the Ikatan Peninsula to Cape Lazaref sockeye purse seine, drift gill net, and set gill net catch samples by age and sex, statistical week 24, 1986.

	AGE							
	0.3	1.2	1.3	2.2	2.3	3.2	3.3	Total
Females								
Mean Length	543	511	551	513	553	544	543	542
SE	5	7	2	3	2	-	-	2
Range	503-580	501-524	454-595	415-593	456-618	544-544	543-543	415-618
Sample Size	15	3	96	79	135	1	1	330
Males								
Mean Length	574	501	550	515	564	537	0	539
SE	6	8	5	3	5	-	-	3
Range	550-597	480-526	476-610	434-608	418-630	537-537	0-0	418-630
Sample Size	8	5	64	94	63	1	0	235
All Fish								
Mean Length	553	505	551	514	556	541	543	541
SE	5	5	2	2	2	4	-	1
Range	503-597	480-526	454-610	415-608	418-630	537-544	543-543	415-630
Sample Size	23	8	160	173	198	2	1	565

Appendix F.38. Length composition of the Ikatan Peninsula to Cape Lazaref sockeye catch samples by age and sex, statistical week 25, 1986.

	AGE							
	0.3	1.2	1.3	2.2	1.4	2.3	3.3	Total
Females								
Mean Length	557	480	553	510	0	560	0	546
SE	-	6	3	3	-	2	-	2
Range	557-557	468-489	512-595	473-548	0-0	523-606	0-0	468-606
Sample Size	1	3	64	38	0	82	0	188
Males								
Mean Length	586	508	575	531	617	578	551	559
SE	13	12	6	3	-	4	-	3
Range	573-598	473-520	491-626	470-586	617-617	495-646	551-551	470-646
Sample Size	2	4	24	55	1	64	1	151
All Fish								
Mean Length	576	496	559	522	617	568	551	552
SE	12	9	3	2	-	2	-	2
Range	557-598	468-520	491-626	470-586	617-617	495-646	551-551	468-646
Sample Size	3	7	88	93	1	146	1	339

Appendix F.39. Sex composition of the Ikatan Peninsula to Cape Lazaref June sockeye catch by statistical week, 1986.

Statistical Week	Sample			Percent	Percent	Catch		
	Females	Males	Total	Females	Males	Females	Males	Total
24	349	263	612	57.0	43.0	28,708	21,633	50,341
25-26	215	178	393	54.7	45.3	60,859	50,386	111,245
Total	564	441	1,005	55.4	44.6	89,567	72,019	161,586

Appendix F.40. Age composition of the Ikatan Peninsula to Cape Aksit June through September sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	2.1	1.3	2.2	2.3	3.2	Total
27-38	328	Males								
		Percent	3.7	1.5	0.3	28.7	30.2	35.4	0.3	100.0
		Numbers	1,479	616	123	11,584	12,201	14,296	123	40,422
		SE	423	275	123	1,086	1,109	1,176	123	
	205	Females								
		Percent	5.4	2.0	0.0	26.8	32.7	32.7	0.5	100.0
		Numbers	1,362	495	0	6,808	8,293	8,293	124	25,374
		SE	406	247	0	869	947	947	124	
	533	All Fish								
		Percent	4.3	1.7	0.2	28.0	31.1	34.3	0.4	100.0
		Numbers	2,839	1,111	123	18,393	20,492	22,590	247	65,796
		SE	580	368	123	1,280	1,321	1,354	174	

Appendix F.41. Length composition of the Ikatan Peninsula to Cape Aksit sockeye purse seine, drift gill net and set gill net catch samples by age and sex, statistical week 29, 1986.

	AGE							
	0.3	1.2	2.1	1.3	2.2	2.3	3.2	Total
Females								
Mean Length	564	475	0	563	524	562	524	548
SE	7	12	-	3	3	3	-	2
Range	521-587	453-503	0-0	488-596	459-593	489-609	524-524	453-609
Sample Size	11	4	0	55	67	67	1	205
Males								
Mean Length	582	519	450	585	539	586	568	570
SE	3	6	-	3	2	2	-	2
Range	558-603	499-536	450-450	512-647	460-587	516-642	568-568	450-647
Sample Size	12	5	1	94	99	116	1	328
All Fish								
Mean Length	573	499	450	577	533	577	546	561
SE	4	10	-	2	2	2	22	2
Range	521-603	453-536	450-450	488-647	459-593	489-642	524-568	450-647
Sample Size	23	9	1	149	166	183	2	533

Appendix F.42. Sex composition of the Ikatan Peninsula to Cape Aksit July through September sockeye catch by statistical week, 1986.

Statistical Week	Sample					Catch		
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
27-38	231	368	599	38.6	61.4	25,374	40,422	65,796
Total	231	368	599	38.6	61.4	25,374	40,422	65,796

Appendix F.43. Age composition of the Cape Lutke sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	1.3	2.2	2.3	Total
24-25	371	Percent	0.3	0.5	8.6	19.7	40.2	30.7	100.0
		Numbers	316	632	10,109	23,061	47,070	36,014	117,202
		SE	316	446	1,711	2,422	2,987	2,811	
26	126	Percent	0.0	4.0	6.4	35.7	23.8	30.2	100.0
		Numbers	0	1,452	2,323	13,065	8,710	11,033	36,582
		SE	0	639	798	1,568	1,394	1,502	
Total	497	Percent	0.2	1.4	8.1	23.5	36.3	30.6	100.0
		Numbers	316	2,084	12,432	36,126	55,780	47,047	153,784
		SE	316	779	1,887	2,885	3,296	3,187	

Appendix F.44. Age composition of the Cape Lutke male sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	1.3	2.2	2.3	Total
24-25	168	Percent	0.6	0.0	13.7	15.5	42.9	27.4	100.0
		Numbers	314	0	7,230	8,173	22,634	14,460	52,812
		SE	315	0	1,466	1,552	2,405	2,004	
26	50	Percent	0.0	2.0	12.0	32.0	26.0	28.0	100.0
		Numbers	0	293	1,756	4,683	3,805	4,097	14,633
		SE	0	291	699	1,093	999	1,032	
Total	218	Percent	0.5	0.4	13.3	19.1	39.2	27.5	100.0
		Numbers	314	293	8,986	12,856	26,439	18,557	67,445
		SE	315	291	1,624	1,898	2,604	2,254	

Appendix F.45. Age composition of the Cape Lutke female sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	1.3	2.2	2.3	Total
24-25	203	Percent	1.0	4.4	23.2	37.9	33.5	100.0
		Numbers	634	2,855	14,908	24,424	21,569	64,390
		SE	447	939	2,030	2,475	2,361	
26	76	Percent	5.3	2.6	38.2	22.4	31.6	100.0
		Numbers	1,155	578	8,375	4,910	6,931	21,949
		SE	572	408	1,375	1,115	1,282	
Total	279	Percent	2.1	4.0	27.0	34.0	33.0	100.0
		Numbers	1,789	3,433	23,283	29,334	28,500	86,339
		SE	726	1,024	2,452	2,714	2,687	

Appendix F.46. Length composition of the Cape Lutke June sockeye purse seine and drift gill net catch samples by age and sex, statistical weeks 25 and 26, 1986.

	AGE						
	0.2	0.3	1.2	1.3	2.2	2.3	Total
Females							
Mean Length	0	554	491	554	509	552	536
SE	-	4	10	2	2	2	2
Range	0-0	536-563	456-568	510-608	429-577	455-606	429-608
Sample Size	0	6	11	76	94	92	279
Males							
Mean Length	404	594	467	574	517	577	537
SE	-	-	10	4	3	4	4
Range	404-404	594-594	397-599	490-616	404-566	517-655	397-655
Sample Size	1	1	29	42	85	60	218
All Fish							
Mean Length	404	560	473	561	513	562	537
SE	-	7	8	2	2	2	2
Range	404-404	536-594	397-599	490-616	404-577	455-655	397-655
Sample Size	1	7	40	118	179	152	497

Appendix F.47. Length composition of the Cape Lutke sockeye purse seine and drift gill net catch samples by age and sex, statistical week 25, 1986.

	AGE						
	0.2	0.3	1.2	1.3	2.2	2.3	Total
Females							
Mean Length	0	558	495	551	509	549	532
SE	-	3	11	3	2	3	2
Range	0-0	555-560	456-568	515-594	450-577	455-606	450-606
Sample Size	0	2	9	47	77	68	203
Males							
Mean Length	404	0	452	571	515	576	531
SE	-	-	10	6	3	5	4
Range	404-404	0-0	397-523	490-616	404-566	517-655	397-655
Sample Size	1	0	23	26	72	46	168
All Fish							
Mean Length	404	558	464	558	511	560	531
SE	-	3	8	3	2	3	2
Range	404-404	555-560	397-568	490-616	404-577	455-655	397-655
Sample Size	1	2	32	73	149	114	371

Appendix F.48. Length composition of the Cape Lutke sockeye purse seine and drift gill net catch samples by age and sex, statistical week 26, 1986.

	AGE					
	0.3	1.2	1.3	2.2	2.3	Total
Females						
Mean Length	552	474	559	513	560	547
SE	6	3	4	7	3	4
Range	536-563	471-477	510-608	429-553	533-593	429-608
Sample Size	4	2	29	17	24	76
Males						
Mean Length	594	523	578	528	580	559
SE	-	16	5	6	6	5
Range	594-594	492-599	540-609	493-566	539-615	492-615
Sample Size	1	6	16	13	14	50
All Fish						
Mean Length	560	511	566	519	567	552
SE	10	15	3	5	3	3
Range	536-594	471-599	510-609	429-566	533-615	429-615
Sample Size	5	8	45	30	38	126

Appendix F.49. Sex composition of the Cape Lutke sockeye catch by statistical week, 1986.

Statistical Week	Sample			Percent	Percent	Catch		
	Females	Males	Total	Females	Males	Females	Males	Total
24-25	228	187	415	54.9	45.1	64,390	52,812	117,202
26	87	58	145	60.0	40.0	21,949	14,633	36,582
Total	315	245	560	56.1	43.9	86,339	67,445	153,784

Appendix F.50. Age composition of the Urilia Bay sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	Total
23-24	342	Percent	1.2	48.8	4.4	0.6	43.9	0.0	0.0	1.2	100.0
		Numbers	268	11,208	1,007	134	10,067	0	0	268	22,952
		SE	134	621	255	95	617	0	0	134	
25	524	Percent	1.3	42.9	3.8	0.0	50.4	0.2	1.1	0.2	100.0
		Numbers	750	24,114	2,143	0	28,293	107	643	107	56,158
		SE	282	1,216	471	0	1,228	107	261	107	
26	525	Percent	0.8	45.1	2.9	0.0	48.4	0.0	0.2	2.7	100.0
		Numbers	360	21,304	1,348	0	22,832	0	90	1,258	47,192
		SE	179	1,026	343	0	1,030	0	90	332	
Total	1,391	Percent	1.1	44.8	3.6	0.1	48.4	0.1	0.6	1.3	100.0
		Numbers	1,378	56,626	4,498	134	61,192	107	733	1,633	126,302
		SE	360	1,708	636	95	1,717	107	276	374	

Appendix F.51. Age composition of the Urilia Bay male sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	0.4	1.3	1.4	2.3	Total
23-24	224	Percent	1.3	51.8	5.8	0.9	39.3	0.0	0.9	100.0
		Numbers	199	7,712	864	133	5,851	0	133	14,893
		SE	115	587	237	94	542	0	94	
25	283	Percent	2.5	44.9	6.7	0.0	44.2	1.8	0.0	100.0
		Numbers	738	13,396	2,004	0	13,185	527	0	29,851
		SE	280	1,047	456	0	1,041	237	0	
26	220	Percent	1.8	45.5	5.9	0.0	45.0	0.0	1.8	100.0
		Numbers	363	9,071	1,179	0	8,981	0	363	19,957
		SE	180	812	322	0	809	0	180	
Total	727	Percent	2.0	46.6	6.3	0.2	43.3	0.8	0.8	100.0
		Numbers	1,300	30,179	4,047	133	28,017	527	496	64,701
		SE	352	1,449	606	94	1,425	237	203	

Appendix F.52. Age composition of the Urilia Bay female sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
23-24	118	Percent	0.8	43.2	1.7	52.5	0.0	0.0	1.7	100.0
		Numbers	68	3,483	137	4,234	0	0	137	8,059
		SE	68	446	96	482	0	0	96	
25	241	Percent	0.0	40.7	0.4	57.7	0.4	0.4	0.4	100.0
		Numbers	0	10,697	109	15,173	109	109	109	26,307
		SE	0	964	108	1,090	108	108	108	
26	305	Percent	0.0	44.9	0.7	50.8	0.0	0.3	3.3	100.0
		Numbers	0	12,233	179	13,841	0	89	893	27,235
		SE	0	903	127	939	0	90	281	
Total	664	Percent	0.1	42.9	0.7	54.0	0.2	0.3	1.8	100.0
		Numbers	68	26,413	425	33,248	109	198	1,139	61,601
		SE	68	1,395	192	1,517	108	140	316	

Appendix F.53. Length composition of the Urilia Bay sockeye purse seine, drift gill net, and set gill net catch samples by age and sex, statistical weeks 24 through 26, 1986.

	AGE								
	0.2	0.3	1.2	0.4	1.3	2.2	1.4	2.3	Total
Females									
Mean Length	400	546	455	0	552	518	581	560	548
SE	-	1	24	-	1	-	12	6	1
Range	400-400	428-594	396-523	0-0	487-608	518-518	569-593	505-591	396-608
Sample Size	1	284	5	0	356	1	2	13	662
Males									
Mean Length	434	530	454	590	547	0	618	548	532
SE	11	2	6	10	3	-	13	22	2
Range	398-533	410-613	375-545	580-600	434-636	0-0	587-660	484-610	375-660
Sample Size	14	343	45	2	312	0	5	6	727
All Fish									
Mean Length	432	537	454	590	550	518	607	556	540
SE	10	1	6	10	1	-	12	8	1
Range	398-533	410-613	375-545	580-600	434-636	518-518	569-660	484-610	375-660
Sample Size	15	627	50	2	668	1	7	19	1,389

Appendix F.54. Sex composition of the Urilia Bay sockeye catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
23-24	138	255	393	35.1	64.9	8,059	14,893	22,952
25	282	320	602	46.8	53.2	26,307	29,851	56,158
26	348	255	603	57.7	42.3	27,235	19,957	47,192
Total	768	830	1,598	48.8	51.2	61,601	64,701	126,302

Appendix F.55. Age composition of the Nelson Lagoon sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
23-24	468	Percent	0.4	6.8	1.5	0.0	0.0	23.5	3.6	0.4	63.0	0.0	0.6	0.0	100.0
		Numbers	54	863	189	0	0	2,967	458	54	7,956	0	81	0	12,622
		SE	38	147	71	0	0	248	109	38	282	0	47	0	
25	556	Percent	0.2	4.7	0.5	0.2	0.0	21.0	6.1	0.0	66.9	0.0	0.2	0.2	100.0
		Numbers	64	1,669	193	64	0	7,509	2,182	0	23,875	0	64	64	35,684
		SE	64	320	111	64	0	617	363	0	713	0	64	64	
26	525	Percent	0.0	4.4	2.3	0.0	0.0	18.3	8.2	0.0	66.5	0.0	0.4	0.0	100.0
		Numbers	0	1,284	670	0	0	5,361	2,401	0	19,488	0	112	0	29,316
		SE	0	262	191	0	0	495	351	0	605	0	79	0	
27	522	Percent	0.0	3.1	0.8	0.0	0.2	20.1	5.9	0.0	69.2	0.0	0.8	0.0	100.0
		Numbers	0	1,061	265	0	66	6,964	2,056	0	23,941	0	265	0	34,619
		SE	0	261	132	0	66	608	358	0	700	0	132	0	
28	516	Percent	0.0	2.1	2.3	0.0	0.0	20.2	14.0	0.0	61.2	0.2	0.0	0.0	100.0
		Numbers	0	537	586	0	0	5,078	3,516	0	15,430	49	0	0	25,196
		SE	0	160	167	0	0	445	385	0	541	49	0	0	
29	442	Percent	0.7	3.8	6.1	0.5	0.0	21.5	19.9	0.2	47.3	0.0	0.0	0.0	100.0
		Numbers	155	876	1,391	103	0	4,894	4,534	52	10,768	0	0	0	22,772
		SE	89	209	260	73	0	445	433	52	541	0	0	0	
30	543	Percent	1.5	0.7	14.2	0.2	0.0	10.9	29.3	0.2	42.0	0.6	0.0	0.6	100.0
		Numbers	119	60	1,148	15	0	880	2,372	15	3,401	45	0	45	8,099
		SE	42	30	121	15	0	108	158	15	172	26	0	26	
31	434	Percent	1.6	0.2	12.2	0.0	0.0	6.7	44.7	0.2	34.1	0.0	0.2	0.0	100.0
		Numbers	64	9	481	0	0	263	1,760	9	1,343	0	9	0	3,937
		SE	24	9	62	0	0	47	94	9	90	0	9	0	
32-36	325	Percent	2.2	0.9	27.7	0.0	0.0	16.0	32.6	0.0	20.3	0.0	0.0	0.3	100.0
		Numbers	133	57	1,705	0	0	985	2,008	0	1,250	0	0	19	6,156
		SE	50	33	153	0	0	125	160	0	138	0	0	19	
Total	4,331	Percent	0.3	3.6	3.7	0.1	0.0	19.6	11.9	0.1	60.2	0.1	0.3	0.1	100.0
		Numbers	589	6,416	6,628	182	66	34,901	21,287	130	107,452	94	531	128	178,401
		SE	135	576	457	98	66	1,218	889	66	1,444	55	173	72	

Appendix F.56. Age composition of the Nelson Lagoon male sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	2.1	1.3	2.2	2.3	3.2	2.4	3.3	Total
23-24	240	Percent	0.8	6.7	2.9	0.0	27.1	4.6	57.1	0.0	0.8	0.0	100.0
		Numbers	53	426	186	0	1,731	293	3,649	0	53	0	6,393
		SE	38	105	70	0	201	88	265	0	38	0	
25	197	Percent	0.5	4.1	1.0	0.5	20.3	12.7	60.4	0.0	0.5	0.0	100.0
		Numbers	63	506	127	63	2,531	1,582	7,529	0	63	0	12,464
		SE	64	179	90	64	389	312	618	0	64	0	
26	197	Percent	0.0	2.0	3.0	0.0	17.3	9.1	68.0	0.0	0.5	0.0	100.0
		Numbers	0	221	331	0	1,876	993	7,395	0	55	0	10,872
		SE	0	111	135	0	313	232	556	0	56	0	
27	227	Percent	0.0	3.1	0.9	0.0	22.0	6.2	67.0	0.0	0.9	0.0	100.0
		Numbers	0	477	136	0	3,405	953	10,350	0	136	0	15,457
		SE	0	177	95	0	452	248	694	0	95	0	
28	196	Percent	0.0	2.6	3.1	0.0	21.9	15.8	56.6	0.0	0.0	0.0	100.0
		Numbers	0	258	310	0	2,218	1,599	5,727	0	0	0	10,112
		SE	0	112	122	0	315	271	465	0	0	0	
29	180	Percent	0.6	3.9	7.8	1.1	21.7	21.1	43.9	0.0	0.0	0.0	100.0
		Numbers	51	357	713	102	1,987	1,936	4,025	0	0	0	9,172
		SE	51	135	189	72	306	302	414	0	0	0	
30	230	Percent	1.3	1.7	17.8	0.4	12.6	24.3	39.6	0.9	0.0	1.3	100.0
		Numbers	44	58	595	15	421	813	1,321	29	0	44	3,340
		SE	25	29	91	15	77	105	129	21	0	25	
31	162	Percent	3.1	0.0	13.0	0.0	6.2	49.4	28.4	0.0	0.0	0.0	100.0
		Numbers	45	0	189	0	90	719	413	0	0	0	1,456
		SE	20	0	40	0	28	73	58	0	0	0	
32-36	87	Percent	3.4	2.3	35.6	0.0	9.2	28.7	19.5	0.0	0.0	1.1	99.9
		Numbers	58	39	604	0	156	487	331	0	0	19	1,695
		SE	33	27	102	0	54	92	77	0	0	19	
Total	1,716	Percent	0.4	3.3	4.5	0.3	20.3	13.2	57.4	0.0	0.4	0.1	100.0
		Numbers	314	2,342	3,191	180	14,415	9,375	40,740	29	307	63	70,961
		SE	101	345	334	98	834	640	1,287	21	133	32	

Appendix F.57. Age composition of the Nelson Lagoon female sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
23-24	228	Percent	0.0	7.0	0.0	19.7	2.6	0.9	69.3	0.0	0.4	0.0	100.0
		Numbers	0	437	0	1,229	164	55	4,317	0	27	0	6,229
		SE	0	107	0	173	66	38	277	0	27	0	
25	359	Percent	0.0	5.0	0.3	21.4	2.5	0.0	70.5	0.0	0.0	0.3	100.0
		Numbers	0	1,164	65	4,980	582	0	16,364	0	0	65	23,220
		SE	0	269	64	525	192	0	755	0	0	64	
26	328	Percent	0.0	5.8	1.8	18.9	7.6	0.0	65.5	0.0	0.3	0.0	100.0
		Numbers	0	1,068	337	3,486	1,406	0	12,090	0	56	0	18,444
		SE	0	240	137	415	274	0	630	0	56	0	
27	293	Percent	0.0	3.1	0.7	18.8	5.8	0.0	71.0	0.0	0.7	0.0	100.0
		Numbers	0	589	131	3,597	1,112	0	13,603	0	131	0	19,162
		SE	0	196	93	463	267	0	741	0	93	0	
28	320	Percent	0.0	1.9	1.9	19.1	12.8	0.0	64.1	0.3	0.0	0.0	100.0
		Numbers	0	283	283	2,875	1,933	0	9,663	47	0	0	15,084
		SE	0	117	117	353	295	0	540	48	0	0	
29	262	Percent	0.8	3.8	5.0	21.4	19.1	0.4	49.6	0.0	0.0	0.0	100.0
		Numbers	104	519	675	2,907	2,595	52	6,748	0	0	0	13,600
		SE	73	162	184	362	345	52	495	0	0	0	
30	313	Percent	1.6	0.0	11.5	9.6	32.9	0.3	43.8	0.3	0.0	0.0	100.0
		Numbers	76	0	547	456	1,566	15	2,083	15	0	0	4,759
		SE	34	0	87	80	137	15	152	15	0	0	
31	272	Percent	0.7	0.4	11.8	7.0	41.9	0.4	37.5	0.0	0.4	0.0	100.0
		Numbers	18	9	292	173	1,040	9	930	0	9	0	2,481
		SE	13	9	50	39	83	9	80	0	9	0	
32-36	238	Percent	1.7	0.4	24.8	18.5	34.0	0.0	20.6	0.0	0.0	0.0	100.0
		Numbers	75	19	1,106	825	1,518	0	918	0	0	0	4,461
		SE	38	19	131	116	147	0	122	0	0	0	
Total	2,613	Percent	0.3	3.8	3.2	19.1	11.1	0.1	62.1	0.1	0.2	0.1	100.0
		Numbers	273	4,088	3,436	20,528	11,916	131	66,716	62	223	65	107,440
		SE	90	469	326	984	664	67	1,474	50	112	64	

Appendix F.58. Length composition of the Nelson Lagoon Section sockeye drift gill net and set gill net catch samples by age and sex, statistical weeks 24 through 32, 1986.

	AGE												
	0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	3.3	Total
Females													
Mean Length	483	549	509	0	0	559	519	561	570	520	552	555	555
SE	7	2	2	-	-	1	1	10	1	7	14	-	1
Range	446-530	508-593	335-579	0-0	0-0	470-631	445-614	534-585	450-674	513-527	500-576	555-555	335-674
Sample Size	13	80	155	0	0	449	446	5	1,457	2	5	1	2,613
Males													
Mean Length	476	577	506	359	0	581	524	0	598	520	617	593	573
SE	13	5	4	31	-	2	2	-	1	10	20	5	1
Range	395-534	483-639	399-573	300-442	0-0	421-664	397-645	0-0	440-686	510-530	535-680	581-603	300-686
Sample Size	15	53	130	4	0	318	298	0	886	2	6	4	1,716
All Fish													
Mean Length	480	561	508	359	516	568	521	561	581	520	587	585	562
SE	7	3	2	31	-	1	1	10	- 1	5	16	8	1
Range	395-534	483-639	335-579	300-442	516-516	421-664	397-645	534-585	440-686	510-530	500-680	555-603	300-686
Sample Size	28	133	285	4	1	767	744	5	2,344	4	11	5	4,331

Appendix F.59. Sex composition of the Nelson Lagoon sockeye catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
23-24	267	274	541	49.4	50.6	6,229	6,393	12,622
25	408	219	627	65.1	34.9	23,220	12,464	35,684
26	380	224	604	62.9	37.1	18,444	10,872	29,316
27	331	267	598	55.4	44.6	19,162	15,457	34,619
28	358	240	598	59.9	40.1	15,084	10,112	25,196
29	301	203	504	59.7	40.3	13,600	9,172	22,772
30	352	247	599	58.8	41.2	4,759	3,340	8,099
31	305	179	484	63.0	37.0	2,481	1,456	3,937
32-36	258	98	356	72.5	27.5	4,461	1,695	6,156
Total	2,960	1,951	4,911	60.2	39.8	107,440	70,961	178,401

Appendix F.60. Age composition of the Harbor Point to Cape Seniavin sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	Total
22-25	159	Percent	0.0	1.9	1.3	0.0	14.5	22.0	0.6	59.7	0.0	0.0	100.0
		Numbers	0	272	182	0	2,089	3,179	91	8,629	0	0	14,442
		SE	0	156	128	0	404	476	91	563	0	0	
26	551	Percent	0.0	7.3	1.5	0.0	30.5	11.4	0.5	48.5	0.0	0.4	100.0
		Numbers	0	10,278	2,056	0	43,169	16,188	771	68,608	0	514	141,584
		SE	0	1,566	722	0	2,779	1,921	444	3,017	0	363	
27	500	Percent	0.4	8.2	2.8	0.2	20.0	37.2	0.2	30.8	0.0	0.2	100.0
		Numbers	596	12,226	4,175	298	29,820	55,465	298	45,923	0	298	149,100
		SE	421	1,831	1,101	298	2,670	3,226	298	3,081	0	298	
28	538	Percent	0.0	1.9	2.6	0.0	14.7	33.8	0.2	46.7	0.0	0.2	100.0
		Numbers	0	4,483	6,277	0	35,419	81,598	448	112,534	0	448	241,208
		SE	0	1,406	1,657	0	3,684	4,925	448	5,193	0	448	
29-30	564	Percent	0.0	1.1	0.5	0.0	9.4	43.1	0.0	45.6	0.0	0.4	100.0
		Numbers	0	1,708	854	0	15,085	69,164	0	73,149	0	569	160,529
		SE	0	694	492	0	1,974	3,350	0	3,369	0	402	
31	570	Percent	0.2	1.8	0.5	0.2	5.4	46.8	0.2	44.7	0.0	0.2	100.0
		Numbers	58	578	174	58	1,793	15,442	58	14,748	0	58	32,967
		SE	58	181	100	58	313	690	58	687	0	58	
32	591	Percent	0.0	0.5	0.7	0.0	2.9	41.1	0.0	54.3	0.0	0.5	100.0
		Numbers	0	246	328	0	1,395	19,937	0	26,337	0	246	48,489
		SE	0	142	164	0	334	982	0	994	0	142	
33	557	Percent	0.0	0.0	0.2	0.0	1.4	52.4	0.0	45.6	0.0	0.4	100.0
		Numbers	0	0	90	0	723	26,383	0	22,949	0	181	50,326
		SE	0	0	90	0	254	1,066	0	1,063	0	128	

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Appendix F.60. (p 2 of 2)

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	Total
34	561	Percent	0.0	0.0	0.4	0.0	2.5	51.2	0.0	45.5	0.2	0.4	100.0
		Numbers	0	0	173	0	1,212	24,847	0	22,076	87	173	48,568
		SE	0	0	122	0	320	1,026	0	1,022	87	122	
35-37	567	Percent	0.0	0.0	0.4	0.0	1.4	70.0	0.0	28.0	0.2	0.0	100.0
		Numbers	0	0	183	0	733	36,352	0	14,559	92	0	51,918
		SE	0	0	129	0	257	1,000	0	980	92	0	
Total	5,158	Percent	0.1	3.2	1.5	0.0	14.0	37.1	0.2	43.6	0.0	0.3	100.0
		Numbers	654	29,791	14,492	356	131,438	348,555	1,666	409,512	179	2,487	939,131
		SE	425	2,888	2,194	304	5,738	7,378	706	7,863	126	799	

Appendix F.61. Age composition of the Harbor Point to Cape Seniavin male sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	Total
22-25	79	Percent	0.0	2.5	1.3	0.0	16.5	32.9	0.0	46.8	0.0	0.0	100.0
		Numbers	0	177	88	0	1,149	2,297	0	3,269	0	0	6,980
		SE	0	126	90	0	311	420	0	481	0	0	
26	219	Percent	0.0	6.8	1.8	0.0	32.0	12.3	1.4	45.2	0.0	0.5	100.0
		Numbers	0	3,837	1,023	0	17,906	6,906	767	25,324	0	256	56,019
		SE	0	980	511	0	2,007	1,300	443	2,314	0	256	
27	242	Percent	0.0	9.1	3.7	0.4	17.8	41.7	0.4	26.9	0.0	0.0	100.0
		Numbers	0	6,494	2,657	295	12,694	29,815	295	19,188	0	0	71,439
		SE	0	1,362	883	297	1,863	2,670	297	2,235	0	0	
28	236	Percent	0.0	2.1	4.7	0.0	15.7	40.3	0.4	36.4	0.0	0.4	100.0
		Numbers	0	2,223	4,891	0	16,453	42,244	445	38,242	0	445	104,944
		SE	0	995	1,467	0	2,624	3,956	447	3,802	0	447	
29-30	207	Percent	0.0	1.9	0.5	0.0	11.6	50.7	0.0	34.8	0.0	0.5	100.0
		Numbers	0	1,134	284	0	6,805	29,771	0	20,414	0	284	58,691
		SE	0	567	284	0	1,363	2,630	0	2,254	0	284	
31	300	Percent	0.3	2.7	1.0	0.3	6.0	45.3	0.3	44.0	0.0	0.0	100.0
		Numbers	58	462	173	58	1,038	7,846	58	7,616	0	0	17,308
		SE	58	162	100	58	241	589	58	582	0	0	
32	227	Percent	0.0	0.4	0.9	0.0	4.4	41.9	0.0	51.5	0.0	0.9	100.0
		Numbers	0	83	166	0	831	7,890	0	9,717	0	166	18,853
		SE	0	83	117	0	259	737	0	799	0	117	
33	254	Percent	0.0	0.0	0.0	0.0	1.2	57.9	0.0	40.5	0.0	0.4	100.0
		Numbers	0	0	0	0	277	13,592	0	9,523	0	92	23,485
		SE	0	0	0	0	158	948	0	836	0	91	

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Appendix F.61. (p 2 of 2)

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	Total
34	234	Percent	0.0	0.0	0.4	0.0	1.7	52.6	0.0	44.4	0.4	0.4	100.0
		Numbers	0	0	86	0	345	10,595	0	8,958	86	86	20,156
		SE	0	0	86	0	172	848	0	796	86	86	
35-37	179	Percent	0.0	0.0	0.0	0.0	1.1	70.4	0.0	27.9	0.6	0.0	100.0
		Numbers	0	0	0	0	187	11,755	0	4,665	93	0	16,700
		SE	0	0	0	0	131	913	0	624	92	0	
Total	2,177	Percent	0.0	3.7	2.4	0.1	14.6	41.2	0.4	37.2	0.0	0.3	100.0
		Numbers	58	14,410	9,368	353	57,685	162,711	1,565	146,916	179	1,329	394,575
		SE	58	2,044	1,820	302	4,066	5,908	698	5,728	126	613	

Appendix F.62. Age composition of the Harbor Point to Cape Seniavin female sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	1.3	2.2	1.4	2.3	2.4	Total
22-25	80	Percent	0.0	1.2	1.2	12.5	11.2	1.2	72.5	0.0	100.0
		Numbers	0	93	93	933	839	93	5,410	0	7,462
		SE	0	92	92	282	269	92	556	0	
26	332	Percent	0.0	7.5	1.2	29.5	10.8	0.0	50.6	0.3	100.0
		Numbers	0	6,443	1,031	25,257	9,278	0	43,298	258	85,565
		SE	0	1,258	513	2,311	1,494	0	2,782	257	
27	258	Percent	0.8	7.4	1.9	22.1	32.9	0.0	34.5	0.4	100.0
		Numbers	602	5,719	1,505	17,158	25,586	0	26,790	301	77,661
		SE	423	1,282	667	2,130	2,517	0	2,563	300	
28	302	Percent	0.0	1.7	1.0	13.9	28.8	0.0	54.6	0.0	100.0
		Numbers	0	2,256	1,354	18,951	39,255	0	74,449	0	136,264
		SE	0	1,002	778	2,801	3,842	0	4,808	0	
29-30	357	Percent	0.0	0.6	0.6	8.1	38.7	0.0	51.8	0.3	100.0
		Numbers	0	571	571	8,273	39,366	0	52,773	285	101,838
		SE	0	403	403	1,496	2,911	0	3,178	285	
31	270	Percent	0.0	0.7	0.0	4.8	48.5	0.0	45.6	0.4	100.0
		Numbers	0	116	0	754	7,598	0	7,134	58	15,659
		SE	0	82	0	207	582	0	569	58	
32	364	Percent	0.0	0.6	0.6	1.9	40.7	0.0	56.0	0.3	100.0
		Numbers	0	163	163	570	12,050	0	16,609	81	29,636
		SE	0	115	115	215	863	0	947	82	
33	303	Percent	0.0	0.0	0.3	1.7	47.9	0.0	49.8	0.3	100.0
		Numbers	0	0	89	443	12,845	0	13,376	89	26,841
		SE	0	0	89	199	931	0	943	89	

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Appendix F.62. (p 2 of 2)

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	1.3	2.2	1.4	2.3	2.4	Total
34	327	Percent	0.0	0.0	0.3	3.1	50.2	0.0	46.2	0.3	100.0
		Numbers	0	0	87	869	14,249	0	13,120	87	28,412
		SE	0	0	87	272	934	0	911	87	
35-37	388	Percent	0.0	0.0	0.5	1.5	69.8	0.0	28.1	0.0	100.0
		Numbers	0	0	182	545	24,598	0	9,894	0	35,218
		SE	0	0	129	222	1,090	0	857	0	
Total	2,981	Percent	0.1	2.8	0.9	13.5	34.1	0.0	48.3	0.2	100.0
		Numbers	602	15,361	5,075	73,753	185,664	93	262,853	1,159	544,556
		SE	423	2,103	1,237	4,505	5,990	92	7,177	513	

Appendix F.63. Length composition of the Harbor Point to Cape Seniavin sockeye purse seine, drift gill net, and set gill net catch samples by age and sex, statistical weeks 25 through 35, 1986.

	AGE										
	0.2	0.3	1.2	2.1	1.3	2.2	1.4	2.3	3.2	2.4	Total
Females											
Mean Length	445	540	489	0	554	520	590	567	0	584	546
SE	18	4	7	-	1	1	-	1	-	7	1
Range	427-462	451-590	420-560	0-0	450-619	430-596	590-590	453-635	0-0	553-609	420-635
Sample Size	2	56	21	0	274	1,209	1	1,401	0	7	2,971
Males											
Mean Length	501	572	472	348	576	521	595	575	556	585	549
SE	-	3	6	10	2	1	15	1	11	11	1
Range	501-501	490-619	412-543	338-357	457-640	416-610	565-645	446-670	545-566	550-630	338-670
Sample Size	1	57	32	2	223	978	5	863	2	7	2,170
All Fish											
Mean Length	463	556	479	348	564	521	594	570	556	585	547
SE	21	3	5	10	1	1	12	1	11	7	1
Range	427-501	451-619	412-560	338-357	450-640	416-610	565-645	446-670	545-566	550-630	338-670
Sample Size	3	113	53	2	497	2,187	6	2,264	2	14	5,141

Appendix F.64. Sex composition of the Harbor Point to Cape Seniavin sockeye catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
22-25	93	87	180	51.7	48.3	7,462	6,980	14,442
26	362	237	599	60.4	39.6	85,565	56,019	141,584
27	312	287	599	52.1	47.9	77,661	71,439	149,100
28	335	258	593	56.5	43.5	136,264	104,944	241,208
29-30	380	219	599	63.4	36.6	101,838	58,691	160,529
31	285	315	600	47.5	52.5	15,659	17,308	32,967
32	382	243	625	61.1	38.9	29,636	18,853	48,489
33	320	280	600	53.3	46.7	26,841	23,485	50,326
34	351	249	600	58.5	41.5	28,412	20,156	48,568
35-37	407	193	600	67.8	32.2	35,218	16,700	51,918
Total	3,227	2,368	5,595	58.0	42.0	544,556	394,575	939,131

Appendix F.65. Age composition of the Cape Seniavin to Strogonof Point sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	1.6	Total
26	550	Percent	0.0	0.0	14.4	2.7	0.0	0.2	28.5	14.7	0.0	39.5	0.0	0.0	0.0	100.0
		Numbers	0	0	19,046	3,616	0	241	37,850	19,528	0	52,316	0	0	0	132,597
		SE	0	0	1,985	922	0	241	2,556	2,005	0	2,766	0	0	0	
27	549	Percent	0.0	0.0	15.8	0.9	0.0	0.2	36.4	17.1	0.4	29.0	0.0	0.0	0.2	100.0
		Numbers	0	0	28,506	1,638	0	328	65,530	30,799	655	52,097	0	0	328	179,881
		SE	0	0	2,806	730	0	328	3,698	2,895	463	3,485	0	0	328	
28	544	Percent	0.0	0.0	5.3	1.1	0.0	0.0	36.0	19.7	0.2	37.7	0.0	0.0	0.0	100.0
		Numbers	0	0	25,467	5,269	0	0	172,123	93,965	878	180,026	0	0	0	477,728
		SE	0	0	4,606	2,141	0	0	9,842	8,149	878	9,935	0	0	0	
29	561	Percent	0.2	0.2	2.7	1.8	0.0	0.0	26.2	28.9	0.0	40.1	0.0	0.0	0.0	100.0
		Numbers	415	415	6,226	4,150	0	0	61,011	67,236	0	93,383	0	0	0	232,836
		SE	415	415	1,587	1,302	0	0	4,327	4,459	0	4,822	0	0	0	
30	547	Percent	0.0	0.0	1.5	0.7	0.0	0.0	10.6	48.6	0.0	38.4	0.2	0.0	0.0	100.0
		Numbers	0	0	1,084	542	0	0	7,860	36,046	0	28,457	136	0	0	74,124
		SE	0	0	381	270	0	0	977	1,586	0	1,543	136	0	0	
31	529	Percent	0.0	0.2	4.3	1.7	0.2	0.0	11.3	39.9	0.0	41.8	0.0	0.6	0.0	100.0
		Numbers	0	25	569	223	25	0	1,485	5,221	0	5,468	0	74	0	13,089
		SE	0	25	116	74	25	0	181	279	0	281	0	43	0	
32	557	Percent	0.0	0.0	1.3	0.7	0.0	0.0	3.6	41.5	0.2	52.6	0.0	0.2	0.0	100.0
		Numbers	0	0	121	69	0	0	345	3,990	17	5,061	0	17	0	9,621
		SE	0	0	45	34	0	0	76	201	17	204	0	17	0	
33	571	Percent	0.0	0.0	0.2	0.0	0.0	0.0	1.0	52.0	0.0	46.4	0.2	0.2	0.0	100.0
		Numbers	0	0	13	0	0	0	80	3,972	0	3,544	13	13	0	7,637
		SE	0	0	13	0	0	0	33	160	0	160	13	13	0	

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Appendix F.65. (p 2 of 2)

Statistical Week	Sample Size		AGE 0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	1.6	Total
34	450	Percent	0.0	0.0	0.2	0.2	0.0	0.0	1.3	64.0	0.0	33.3	0.4	0.4	0.0	100.0
		Numbers	0	0	41	41	0	0	248	11,892	0	6,194	83	83	0	18,581
		SE	0	0	41	41	0	0	101	421	0	413	58	58	0	
35-36	188	Percent	0.0	0.0	0.0	0.5	0.0	0.0	3.2	56.9	0.0	39.4	0.0	0.0	0.0	100.0
		Numbers	0	0	0	15	0	0	88	1,563	0	1,081	0	0	0	2,746
		SE	0	0	0	15	0	0	35	99	0	98	0	0	0	
Total	5,046	Percent	0.0	0.0	7.1	1.4	0.0	0.0	30.2	23.9	0.1	37.2	0.0	0.0	0.0	100.0
		Numbers	415	440	81,073	15,563	25	569	346,620	274,212	1,550	427,627	232	187	328	1,148,840
		SE	415	416	5,975	2,783	25	407	11,696	10,077	993	12,019	148	76	328	

Appendix F.66. Age composition of the Cape Seniavin to Strogonof Point male sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	1.6	Total
26	224	Percent	0.0	14.3	4.0	0.0	0.0	25.4	22.3	0.0	33.9	0.0	0.0	0.0	100.0
		Numbers	0	7,730	2,174	0	0	13,770	12,079	0	18,359	0	0	0	54,112
		SE	0	1,326	719	0	0	1,726	1,628	0	1,955	0	0	0	
27	248	Percent	0.0	18.1	0.8	0.0	0.4	31.9	20.2	0.4	27.8	0.0	0.0	0.4	100.0
		Numbers	0	14,871	661	0	330	26,107	16,523	330	22,802	0	0	330	81,956
		SE	0	2,116	465	0	329	2,707	2,219	329	2,557	0	0	329	
28	224	Percent	0.0	5.8	1.8	0.0	0.0	37.5	21.9	0.4	32.6	0.0	0.0	0.0	100.0
		Numbers	0	11,657	3,587	0	0	75,320	43,937	897	65,457	0	0	0	200,854
		SE	0	3,163	1,770	0	0	7,471	5,925	887	7,050	0	0	0	
29	269	Percent	0.4	3.0	2.2	0.0	0.0	29.4	30.9	0.0	34.2	0.0	0.0	0.0	100.0
		Numbers	410	3,276	2,457	0	0	32,354	33,992	0	37,678	0	0	0	110,167
		SE	412	1,159	1,005	0	0	3,403	3,474	0	3,624	0	0	0	
30	218	Percent	0.0	1.8	1.4	0.0	0.0	14.7	48.2	0.0	33.5	0.5	0.0	0.0	100.0
		Numbers	0	541	406	0	0	4,327	14,198	0	9,871	135	0	0	29,477
		SE	0	270	234	0	0	744	1,248	0	1,078	135	0	0	
31	202	Percent	0.0	3.5	2.0	0.5	0.0	15.8	36.1	0.0	41.1	0.0	1.0	0.0	100.0
		Numbers	0	171	98	24	0	782	1,784	0	2,029	0	49	0	4,937
		SE	0	65	49	25	0	135	195	0	206	0	35	0	
32	217	Percent	0.0	1.8	0.4	0.0	0.0	4.6	44.7	0.4	47.5	0.0	0.4	0.0	100.0
		Numbers	0	70	17	0	0	175	1,695	17	1,799	0	17	0	3,791
		SE	0	35	17	0	0	54	155	17	159	0	17	0	
33	257	Percent	0.0	0.0	0.0	0.0	0.0	1.5	55.3	0.0	43.2	0.0	0.0	0.0	100.0
		Numbers	0	0	0	0	0	53	1,894	0	1,481	0	0	0	3,428
		SE	0	0	0	0	0	27	138	0	126	0	0	0	

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Statistical Week	Sample Size		AGE 0.2	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	1.6	Total
34	203	Percent	0.0	0.5	0.0	0.0	0.0	0.5	67.5	0.0	31.0	0.0	0.5	0.0	100.0
		Numbers	0	42	0	0	0	42	5,794	0	2,664	0	42	0	8,585
		SE	0	42	0	0	0	42	406	0	307	0	42	0	
35-36	88	Percent	0.0	0.0	0.0	0.0	0.0	1.2	64.8	0.0	34.1	0.0	0.0	0.0	100.1
		Numbers	0	0	0	0	0	15	845	0	445	0	0	0	1,304
		SE	0	0	0	0	0	15	93	0	74	0	0	0	
Total	2,150	Percent	0.1	7.7	1.9	0.0	0.1	30.7	26.6	0.2	32.6	0.0	0.0	0.1	100.0
		Numbers	410	38,358	9,400	24	330	152,945	132,741	1,244	162,585	135	108	330	498,611
		SE	412	4,203	2,221	25	329	8,848	7,521	947	8,633	135	57	329	

Appendix F.67. Age composition of the Cape Seniavin to Strogonof Point female sockeye catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	2.4	Total
26	323	Percent	0.0	13.9	1.9	0.3	31.0	9.6	0.0	43.3	0.0	0.0	100.0
		Numbers	0	10,934	1,458	243	24,299	7,533	0	34,018	0	0	78,485
		SE	0	1,557	590	242	2,189	1,310	0	2,472	0	0	
27	300	Percent	0.0	14.0	1.0	0.0	40.0	14.7	0.3	30.0	0.0	0.0	100.0
		Numbers	0	13,710	979	0	39,170	14,362	326	29,378	0	0	97,925
		SE	0	2,039	565	0	3,171	2,083	327	2,840	0	0	
28	320	Percent	0.0	5.0	0.6	0.0	35.0	18.1	0.0	41.3	0.0	0.0	100.0
		Numbers	0	13,844	1,730	0	96,906	50,183	0	114,211	0	0	276,874
		SE	0	3,439	1,232	0	8,244	6,286	0	8,744	0	0	
29	292	Percent	0.3	2.4	1.4	0.0	23.3	27.1	0.0	45.5	0.0	0.0	100.0
		Numbers	420	2,941	1,680	0	28,567	33,188	0	55,873	0	0	122,669
		SE	418	1,099	833	0	3,228	3,440	0	4,202	0	0	
30	329	Percent	0.0	1.2	0.3	0.0	7.9	48.9	0.0	41.6	0.0	0.0	100.0
		Numbers	0	543	136	0	3,528	21,849	0	18,592	0	0	44,647
		SE	0	270	136	0	675	1,446	0	1,375	0	0	
31	327	Percent	0.3	4.9	1.5	0.0	8.6	42.2	0.0	42.2	0.0	0.3	100.0
		Numbers	25	399	125	0	698	3,440	0	3,440	0	25	8,152
		SE	25	98	55	0	128	251	0	251	0	25	
32	339	Percent	0.0	0.9	0.9	0.0	3.0	39.5	0.0	55.7	0.0	0.0	100.0
		Numbers	0	52	52	0	172	2,304	0	3,250	0	0	5,830
		SE	0	30	30	0	54	174	0	193	0	0	
33	314	Percent	0.0	0.3	0.0	0.0	0.6	49.4	0.0	49.0	0.3	0.3	100.0
		Numbers	0	13	0	0	27	2,078	0	2,064	13	13	4,209
		SE	0	13	0	0	19	142	0	142	13	13	

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Appendix F.67. (p 2 of 2)

Statistical Week	Sample Size		AGE 1.1	0.3	1.2	0.4	1.3	2.2	1.4	2.3	3.2	2.4	Total
34	247	Percent	0.0	0.0	0.4	0.0	2.0	61.1	0.0	35.2	0.8	0.4	100.0
		Numbers	0	0	40	0	202	6,111	0	3,521	81	40	9,996
		SE	0	0	41	0	91	412	0	344	58	41	
35-36	100	Percent	0.0	0.0	1.0	0.0	5.0	50.0	0.0	44.0	0.0	0.0	99.9
		Numbers	0	0	14	0	72	721	0	634	0	0	1,442
		SE	0	0	15	0	32	88	0	85	0	0	
Total	2,891	Percent	0.1	6.5	1.0	0.0	29.8	21.8	0.1	40.8	0.0	0.0	100.0
		Numbers	445	42,436	6,214	243	193,641	141,769	326	264,981	94	78	650,229
		SE	418	4,438	1,704	242	9,681	7,732	327	10,509	59	50	

Appendix F.68. Length composition of the Cape Seniavin to Strogonof Point sockeye drift gill net and set gill net catch samples by age and sex, statistical week 26 through 35, 1986.

	AGE												
	0.2	1.1	0.3	1.2	2.1	0.4	1.3	2.2	1.4	2.3	3.2	2.4	Total
Females													
Mean Length	0	458	551	503	0	545	563	528	570	570	533	530	553
SE	-	16	2	6	-	-	1	1	-	1	7	11	1
Range	0-0	442-473	493-655	419-542	0-0	545-545	489-638	416-605	570-570	471-670	520-544	510-548	416-670
Sample Size	0	2	134	26	0	1	475	1,001	1	1,241	3	3	2,887
Males													
Mean Length	497	0	575	507	320	583	586	535	600	583	551	593	563
SE	-	-	3	8	-	-	1	1	18	1	-	27	1
Range	497-497	0-0	447-647	421-585	320-320	583-583	490-657	433-614	573-634	483-660	551-551	520-643	320-660
Sample Size	1	0	113	29	1	1	379	843	3	769	1	4	2,144
All Fish													
Mean Length	497	458	562	505	320	564	573	532	593	575	538	566	557
SE	-	16	2	5	-	19	1	1	15	1	7	20	0
Range	497-497	442-473	447-655	419-585	320-320	545-583	489-657	416-614	570-634	471-670	520-551	510-643	320-670
Sample Size	1	2	249	55	1	2	855	1,844	4	2,012	4	7	5,036

Appendix F.69. Sex composition of the Cape Seniavin to Strogonof Point sockeye catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
26	351	242	593	59.2	40.8	78,485	54,112	132,597
27	325	271	596	54.5	45.5	98,089	81,792	179,881
28	346	251	597	58.0	42.0	276,874	200,854	477,728
29	314	282	596	52.7	47.3	122,669	110,167	232,836
30	362	239	601	60.2	39.8	44,647	29,477	74,124
31	355	215	570	62.3	37.7	8,152	4,937	13,089
32	363	236	599	60.6	39.4	5,830	3,791	9,621
33	334	272	606	55.1	44.9	4,209	3,428	7,637
34	255	219	474	53.8	46.2	9,996	8,585	18,581
35-36	105	95	200	52.5	47.5	1,442	1,304	2,746
Total	3,110	2,322	5,432	56.6	43.4	650,393	498,447	1,148,840

Appendix F.70. Age composition of the Acheredin Lake (Unga Island) sockeye escapement by statistical week, 1986.

Statistical Week	Sample Size [a]		AGE 1.2	AGE 1.3	AGE 2.3	Total
27-31	23	Males				
		Percent	17.4	78.3	4.4	100.0
		Numbers	1,202	5,410	301	6,913
		SE	568	978	294	
	24	Females				
		Percent	8.3	83.3	8.3	100.0
		Numbers	553	5,531	553	6,637
		SE	395	982	395	
	47	All Fish				
		Percent	12.8	80.8	6.4	100.0
		Numbers	1,730	10,955	865	13,550
		SE	667	786	488	

[a]Sample taken 7 July, approximately two weeks before peak of run.

Appendix F.71. Length composition of the Archeredin Lake, Unga Island, sockeye escapement samples by age and sex, statistical week 28, 1986.

	AGE			
	1.2	1.3	2.3	Total
Females				
Mean Length	479	536	557	533
SE	1	3	6	5
Range	478-479	506-561	551-562	478-562
Sample Size	2	20	2	24
Males				
Mean Length	491	571	565	557
SE	10	5	-	8
Range	477-518	544-616	565-565	477-616
Sample Size	4	18	1	23
All Fish				
Mean Length	487	553	559	545
SE	7	4	4	5
Range	477-518	506-616	551-565	477-616
Sample Size	6	38	3	47

Appendix F.72. Sex composition of the Acheredin Lake (Unga Island) sockeye escapement by statistical week, 1986.

Statistical Week	Sample [a]					Escapement		
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
27-31	24	25	49	49.0	51.0	6,637	6,913	13,550
Total	24	25	49	49.0	51.0	6,637	6,913	13,550

[a]Sample taken 7 July, approximately two weeks before peak of run.

Appendix F.73. Age composition of the Hoodoo Lake-Sapsuk River (Nelson River) sockeye escapement by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	2.1	1.3	2.2	2.3	2.4	Total
25-27	63	Percent	0.0	3.2	6.3	4.8	19.0	66.7	0.0	100.0
		Numbers	0	1,126	2,251	1,688	6,754	23,637	0	35,456
		SE	0	789	1,098	959	1,768	2,123	0	
28	157	Percent	1.3	0.6	0.0	7.0	13.4	77.7	0.0	100.0
		Numbers	410	205	0	2,256	4,308	25,026	0	32,205
		SE	289	205	0	658	878	1,073	0	
29-34	196	Percent	0.5	1.0	1.0	10.7	14.8	71.4	0.5	100.0
		Numbers	252	504	504	5,291	7,307	35,276	252	49,387[a]
		SE	252	355	355	1,094	1,256	1,598	252	
Total	416	Percent	0.6	1.6	2.4	7.9	15.7	71.7	0.2	100.0
		Numbers	662	1,835	2,755	9,235	18,369	83,939	252	117,048
		SE	384	890	1,154	1,597	2,340	2,865	252	

[a]Apportion based on all sockeye from escapement 13 July through 31 August, including estimated projection of escapement after weir enumeration project ended 25 July. Estimated projection taken from average daily and cumulative escapement for the years 1970 through 1985.

Appendix F.74. Age composition of the Hoodoo Lake-Sapsuk River (Nelson River) male sockeye escapement by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	2.1	1.3	2.2	2.3	2.4	Total
25-27	33	Percent	0.0	6.1	12.1	3.0	24.2	54.5	0.0	100.0
		Numbers	0	1,167	2,333	583	4,666	10,499	0	19,248
		SE	0	803	1,116	573	1,522	2,056	0	
28	79	Percent	1.3	0.0	0.0	6.3	19.0	73.4	0.0	100.0
		Numbers	207	0	0	1,037	3,111	12,029	0	16,385
		SE	206	0	0	455	762	1,247	0	
29-34	87	Percent	1.1	1.1	2.3	14.9	4.6	74.7	1.1	100.0
		Numbers	253	253	507	3,294	1,014	16,470	253	22,044[a]
		SE	253	253	356	882	501	1,667	253	
Total	199	Percent	0.8	2.5	4.9	8.5	15.2	67.6	0.4	100.0
		Numbers	460	1,420	2,840	4,914	8,791	38,998	253	57,677
		SE	326	842	1,172	1,146	1,775	2,926	253	

[a]Apportion based on all sockeye from escapement 13 July through 31 August, including estimated projection of escapement after weir enumeration project ended 25 July. Estimated projection taken from average daily and cumulative escapement for the years 1970 through 1985.

Appendix F.75. Age composition of the Hoodoo Lake-Sapsuk River (Nelson River) female sockeye escapement by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	1.3	2.2	2.3	Total
25-27	30	Percent	0.0	0.0	6.7	13.3	80.0	100.0
		Numbers	0	0	1,081	2,161	12,966	16,208
		SE	0	0	774	1,077	2,169	
28	78	Percent	1.3	1.3	7.7	7.7	82.1	100.0
		Numbers	203	203	1,217	1,217	12,981	15,820
		SE	204	204	492	492	1,265	
29-34	109	Percent	0.0	0.9	7.3	22.9	68.8	100.0
		Numbers	0	251	2,007	6,271	18,814	27,343[a]
		SE	0	251	698	1,178	1,717	
Total	217	Percent	0.3	0.8	7.3	16.3	75.4	100.0
		Numbers	203	454	4,305	9,649	44,761	59,371
		SE	204	324	1,153	1,670	3,042	

[a]Apportion based on all sockeye from escapement 13 July through 31 August, including estimated projection of escapement after weir enumeration project ended 25 July. Estimated projection taken from average daily and cumulative escapement for the years 1970 through 1985.

Appendix F.76. Length composition of the Hoodoo Lake-Sapsuk River (Nelson River) sockeye escapement samples by age and sex, statistical weeks 27 through 29, 1986.

	AGE							
	0.3	1.2	2.1	1.3	2.2	2.3	2.4	Total
Females								
Mean Length	537	521	0	570	533	575	0	567
SE	-	6	-	5	2	2	-	2
Range	537-537	515-527	0-0	523-604	497-563	517-662	0-0	497-662
Sample Size	1	2	0	16	35	163	0	217
Males								
Mean Length	591	435	367	594	487	609	596	581
SE	18	15	26	9	9	2	-	5
Range	573-609	405-454	320-465	493-654	420-572	493-663	596-596	320-663
Sample Size	2	3	6	19	27	141	1	199
All Fish								
Mean Length	573	469	367	583	513	591	596	574
SE	21	23	26	6	5	2	-	2
Range	537-609	405-527	320-465	493-654	420-572	493-663	596-596	320-663
Sample Size	3	5	6	35	62	304	1	416

Appendix F.77. Sex composition of the Hoodoo Lake-Sapsuk River (Nelson River) sockeye escapement by statistical week, 1986.

Statistical Week	Sample			Escapement				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
25-27	32	38	70	45.7	54.3	16,208	19,248	35,456
28	84	87	171	49.1	50.9	15,820	16,385	32,205
29-36	129	104	233	55.4	44.6	27,343	22,044	49,387[a]
Total	245	229	474	50.7	49.3	59,371	57,677	117,048

[a]Apportion based on all sockeye from escapement 13 July through 31 August, including estimated projection of escapement after weir enumeration project ended 25 July. Estimated projection taken from average daily and cumulative escapement for the years 1970 through 1985.

Appendix F.78. Age composition of the Sapsuk River (Nelson River) sockeye escapement by statistical week, 1986. Age determined from otoliths[a].

Statistical Week	Sample Size		AGE 1.2	1.3	2.3	Total
25-36	22	Males				
		Percent	4.5	81.8	13.6	100.0
	18	Females				
		Percent	16.7	77.8	5.6	100.0
	40	All Fish				
		Percent	10.0	80.0	10.0	100.0

[a]Approximately 25% of the Sapsuk River-Hoodoo Lake escapement spawns in the Sapsuk River.

Appendix F.79. Sex composition of the Sapsuk River (Nelson River) sockeye escapement by statistical week, 1986.

Statistical Week	Sample[a]			Escapement	
	Females	Males	Total	Percent Females	Percent Males
25-36	18	22	40	45.0	55.0
Total	18	22	40	45.0	55.0

[a]Sample consisted of otoliths and sex counts.

Appendix F.80. Age composition of the Bear River sockeye escapement by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	2.1	1.3	2.2	2.3	2.4	Total
23-26	223	Percent	0.0	4.5	0.0	8.1	32.3	54.7	0.4	100.0
		Numbers	0	3,035	0	5,462	21,850	37,023	303	67,673
		SE	0	940	0	1,237	2,124	2,261	303	
27	207	Percent	0.5	14.0	1.0	7.2	52.7	24.6	0.0	100.0
		Numbers	99	2,873	198	1,486	10,799	5,053	0	20,509
		SE	99	496	140	370	713	616	0	
28	228	Percent	0.0	2.6	0.0	4.8	57.0	35.1	0.4	100.0
		Numbers	0	933	0	1,710	20,213	12,439	155	35,450
		SE	0	377	0	504	1,165	1,123	155	
29	228	Percent	0.0	2.6	1.3	8.3	60.5	27.2	0.0	100.0
		Numbers	0	669	335	2,120	15,395	6,917	0	25,435
		SE	0	270	192	467	825	751	0	
30	145	Percent	0.0	6.2	0.7	2.8	74.5	15.9	0.0	100.0
		Numbers	0	968	108	430	11,616	2,474	0	15,595
		SE	0	314	108	213	567	475	0	
31	230	Percent	0.0	4.8	10.4	1.7	69.1	13.9	0.0	100.0
		Numbers	0	603	1,315	219	8,711	1,753	0	12,601
		SE	0	178	255	109	385	288	0	
32	150	Percent	0.0	2.0	2.7	1.3	78.7	15.3	0.0	100.0
		Numbers	0	127	170	85	5,006	976	0	6,363
		SE	0	73	84	60	214	188	0	
33	219	Percent	0.0	0.0	0.9	0.9	70.3	27.9	0.0	100.0
		Numbers	0	0	164	164	12,599	4,991	0	17,917
		SE	0	0	115	115	554	544	0	
34-40	224	Percent	0.0	0.4	1.3	1.3	73.7	23.2	0.0	100.0
		Numbers	0	321	962	962	52,911	16,675	0	71,831[a]
		SE	0	321	553	553	2,119	2,031	0	
Total	1,854	Percent	0.0	3.5	1.2	4.6	58.2	32.3	0.2	100.0
		Numbers	99	9,529	3,252	12,638	159,100	88,301	458	273,374
		SE	99	1,258	678	1,587	3,517	3,476	341	

[a] Apportion based on all sockeye salmon from the escapement from 17 August through 30 September, including estimated projection of escapement after weir enumeration project ended 29 August. Estimated projection taken from average daily and cumulative escapement for the years 1979, 1980, 1981, and 1984, which most closely resemble the migratory pattern of the 1986 escapement.

Appendix F.81. Age composition of the Bear River male sockeye escapement by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.2	2.1	1.3	2.2	2.3	2.4	Total
23-26	111	Percent	6.3	0.0	0.9	52.3	39.6	0.9	100.0
		Numbers	2,125	0	304	17,606	13,357	304	33,695
		SE	792	0	304	1,993	1,808	304	
27	117	Percent	17.1	1.7	2.6	60.7	18.0	0.0	100.0
		Numbers	1,972	197	296	7,000	2,071	0	11,536
		SE	421	139	170	678	431	0	
28	119	Percent	5.0	0.0	3.4	62.2	29.4	0.0	100.0
		Numbers	916	0	611	11,298	5,344	0	18,168
		SE	373	0	306	1,096	842	0	
29	126	Percent	4.0	2.4	5.6	65.9	22.2	0.0	100.0
		Numbers	555	333	777	9,215	3,109	0	13,989
		SE	247	192	291	811	553	0	
30	80	Percent	10.0	1.3	1.3	68.8	18.7	0.0	100.0
		Numbers	829	104	104	5,696	1,553	0	8,285
		SE	291	106	106	626	389	0	
31	134	Percent	7.5	17.9	1.5	64.9	8.2	0.0	100.0
		Numbers	559	1,341	112	4,861	615	0	7,487
		SE	171	257	78	405	179	0	
32	81	Percent	3.7	4.9	2.5	77.8	11.1	0.0	100.0
		Numbers	129	172	86	2,708	387	0	3,482
		SE	73	85	60	258	125	0	
33	124	Percent	0.0	1.6	0.8	65.3	32.3	0.0	100.0
		Numbers	0	168	84	6,811	3,363	0	10,426
		SE	0	117	83	589	474	0	
34-40	136	Percent	0.7	2.2	2.2	72.8	22.1	0.0	100.0
		Numbers	328	984	984	32,463	9,837	0	44,595[a]
		SE	324	559	559	2,394	1,654	0	
Total	1,028	Percent	4.9	2.2	2.2	64.4	26.1	0.2	100.0
		Numbers	7,413	3,299	3,358	97,658	39,636	304	151,663
		SE	1,109	683	800	3,604	2,762	304	

[a] Apportion based on all sockeye salmon from the escapement from 17 August through 30 September, including estimated projection of escapement after weir enumeration project ended 29 August. Estimated projection taken from average daily and cumulative escapement for the years 1979, 1980, 1981, and 1984, which most closely resemble the migratory pattern of the 1986 escapement.

Appendix F.82. Age composition of the Bear River female sockeye escapement by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	1.2	1.3	2.2	2.3	2.4	Total
23-26	111	Percent	0.0	2.7	15.3	11.7	70.3	0.0	100.0
		Numbers	0	918	5,204	3,979	23,876	0	33,978
		SE	0	525	1,210	1,069	2,170	0	
27	90	Percent	1.1	10.0	13.3	42.2	33.3	0.0	100.0
		Numbers	100	897	1,196	3,789	2,991	0	8,973
		SE	99	292	335	555	504	0	
28	109	Percent	0.0	0.0	6.4	51.4	41.3	0.9	100.0
		Numbers	0	0	1,110	8,879	7,135	159	17,282
		SE	0	0	410	1,019	943	157	
29	102	Percent	0.0	1.0	11.8	53.9	33.3	0.0	100.0
		Numbers	0	112	1,347	6,172	3,815	0	11,446
		SE	0	112	378	724	603	0	
30	65	Percent	0.0	1.5	4.6	81.5	12.3	0.0	100.0
		Numbers	0	112	337	5,960	900	0	7,310
		SE	0	110	189	632	303	0	
31	95	Percent	0.0	1.1	2.1	74.7	22.1	0.0	100.0
		Numbers	0	54	108	3,822	1,130	0	5,114
		SE	0	54	77	383	238	0	
32	69	Percent	0.0	0.0	0.0	79.7	20.3	0.0	100.0
		Numbers	0	0	0	2,296	585	0	2,881
		SE	0	0	0	250	151	0	
33	95	Percent	0.0	0.0	1.1	76.8	22.1	0.0	100.0
		Numbers	0	0	79	5,756	1,656	0	7,491
		SE	0	0	80	567	351	0	
34-40	88	Percent	0.0	0.0	0.0	75.0	25.0	0.0	100.0
		Numbers	0	0	0	20,427	6,809	0	27,236[a]
		SE	0	0	0	2,170	1,409	0	
Total	824	Percent	0.1	1.7	7.7	50.2	40.2	0.1	100.0
		Numbers	100	2,093	9,381	61,080	48,897	159	121,711
		SE	99	624	1,391	2,941	2,915	157	

[a] Apportion based on all sockeye salmon from the escapement from 17 August through 30 September, including estimated projection of escapement after weir enumeration project ended 29 August. Estimated projection taken from average daily and cumulative escapement for the years 1979, 1980, 1981, and 1984, which most closely resemble the migratory pattern of the 1986 escapement.

Appendix F.83. Length composition of the Bear Lake sockeye escapement samples by age and sex, statistical weeks 26 through 34, 1986.

	AGE							
	0.3	1.2	2.1	1.3	2.2	2.3	2.4	Total
Females								
Mean Length	538	463	0	566	503	563	587	527
SE	-	9	-	3	1	2	-	1
Range	538-538	410-517	0-0	503-613	424-578	430-618	587-587	410-618
Sample Size	1	14	0	53	479	273	1	821
Males								
Mean Length	0	449	329	565	486	569	638	498
SE	-	3	5	7	1	3	-	2
Range	0-0	390-547	260-454	478-633	400-590	431-642	638-638	260-642
Sample Size	0	60	39	24	669	230	1	1,023
All Fish								
Mean Length	538	452	329	566	493	566	613	511
SE	-	3	5	3	0	2	26	1
Range	538-538	390-547	260-454	478-633	400-590	430-642	587-638	260-642
Sample Size	1	74	39	77	1,148	503	2	1,844

Appendix F.84. Sex composition of the Bear River sockeye escapement by statistical week, 1986.

Statistical Week	Sample			Escapement				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
23-26	120	119	239	50.2	49.8	33,978	33,695	67,673
27	105	135	240	43.8	56.3	8,973	11,536	20,509
28	117	123	240	48.8	51.3	17,282	18,168	35,450
29	108	132	240	45.0	55.0	11,446	13,989	25,435
30	75	85	160	46.9	53.1	7,310	8,285	15,595
31	97	142	239	40.6	59.4	5,114	7,487	12,601
32	72	87	159	45.3	54.7	2,881	3,482	6,363
33	97	135	232	41.8	58.2	7,491	10,426	17,917
34-40	91	149	240	37.9	62.1	27,236	44,595	71,831[a]
Total	882	1,107	1,989	44.5	55.5	121,711	151,663	273,374

[a] Apportion based on all sockeye salmon from the escapement from 17 August through 30 September, including estimated projection of escapement after weir enumeration project ended 29 August. Estimated projection taken from average daily and cumulative escapement for the years 1979, 1980, 1981, and 1984, which most closely resemble the migratory pattern of the 1986 escapement.

Appendix F.85. Age composition of the Sandy River sockeye escapement, 1986, as determined from otoliths.

Statistical Week	Sample Size		AGE 1.2	1.3	2.2	2.3	Total
25-31	131	Males					
		Percent	55.0	39.7	3.1	2.3	100.0
		Numbers	3,403	2,457	189	142	6,191
		SE	349	309	94	82	
	161	Females					
		Percent	11.2	83.2	0.0	5.6	100.0
		Numbers	851	6,333	0	425	7,609
		SE	195	403	0	140	
	292	All Fish					
		Percent	30.8	63.7	1.4	4.1	100.0
		Numbers	4,253	8,790	189	567	13,800
		SE	374	389	94	161	

Appendix F.86. Sex composition of the Sandy River sockeye escapement by statistical week, 1986.

Statistical Week	Sample[a]			Escapement				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
25-31	161	131	292	55.1	44.9	7,609	6,191	13,800
Total	161	131	292	55.1	44.9	7,609	6,191	13,800

[a]Sample consisted of otoliths with sex counts.

Appendix F.87. Age composition of the Ilnik Lagoon sockeye escapement by statistical week, 1986.

Statistical Week	Sample[a] Size		AGE 0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
25-29	236	Males								
		Percent	1.7	51.7	2.1	36.0	1.7	0.4	6.4	100.0
		Numbers	685	20,887	856	14,552	685	171	2,568	40,404
		SE	330	1,598	368	1,395	330	165	632	
	317	Females								
		Percent	0.3	55.5	0.6	38.2	0.3	0.0	5.0	100.0
		Numbers	151	26,648	303	18,320	151	0	2,423	47,996
		SE	156	1,727	220	1,525	156	0	614	
	553	All Fish								
		Percent	0.9	53.9	1.3	37.3	0.9	0.2	5.6	100.0
		Numbers	799	47,637	1,119	32,930	799	160	4,956	88,400
		SE	356	1,876	421	1,819	356	160	866	

[a]Sample taken 2 July, at approximate peak of run.

Appendix F.88. Length composition of the Ilnik Lagoon sockeye escapement samples by age and sex, statistical week 27, 1986.

	AGE							
	0.2	0.3	1.2	1.3	2.2	1.4	2.3	Total
Females								
Mean Length	548	544	476	544	498	0	552	544
SE	-	1	2	2	-	-	4	1
Range	548-548	505-592	474-478	485-585	498-498	0-0	526-578	474-592
Sample Size	1	175	2	121	1	0	16	316
Males								
Mean Length	468	575	476	576	533	545	597	572
SE	16	2	20	2	8	-	5	2
Range	427-505	470-615	418-538	485-620	517-552	545-545	567-628	418-628
Sample Size	4	122	5	85	4	1	15	236
All Fish								
Mean Length	484	557	476	557	526	545	574	556
SE	20	2	14	2	9	-	5	1
Range	427-548	470-615	418-538	485-620	498-552	545-545	526-628	418-628
Sample Size	5	297	7	206	5	1	31	552

Appendix F.89. Sex composition of the Ilnik Lagoon sockeye escapement, 1986.

Statistical Week	Sample[a]			Escapement				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
25-29	392	330	722	54.3	45.7	47,996	40,404	88,400
Total	392	330	722	54.3	45.7	47,996	40,404	88,400

[a]Sample taken 2 July, at approximate peak of run.

Appendix G.1. Age composition of the Southeast Mainland Area chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
25-37	280	Males					
		Percent	0.0	87.1	11.8	1.1	100.0
		Numbers	0	85,383	11,548	1,050	97,980
		SE	0	3,828	1,932	602	
	208	Females					
		Percent	1.0	80.8	15.9	2.4	100.0
		Numbers	682	57,316	11,259	1,706	70,963
		SE	486	3,625	1,909	765	
	488	All Fish					
		Percent	0.4	84.4	13.5	1.6	100.0
		Numbers	692	142,632	22,849	2,770	168,943
		SE	489	2,776	2,618	972	

Appendix G.2. Length composition of the Southeast Mainland Area chum set gill net catch samples by age and sex, statistical week 28, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	511	580	611	598	584
SE	15	2	5	20	2
Range	496-525	532-625	565-663	548-667	496-667
Sample Size	2	168	33	5	208
Males					
Mean Length	0	592	606	626	594
SE	-	2	4	14	2
Range	0-0	530-661	560-661	599-644	530-661
Sample Size	0	244	33	3	280
All Fish					
Mean Length	511	587	609	608	590
SE	15	1	3	14	1
Range	496-525	530-661	560-663	548-667	496-667
Sample Size	2	412	66	8	488

Appendix G.3. Sex composition of the Southeast Mainland Area chum catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
25-37	218	301	519	42.0	58.0	70,963	97,980	168,943
Total	218	301	519	42.0	58.0	70,963	97,980	168,943

Appendix G.4. Age composition of the Shumagin Island Section chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
24	568	Percent	0.2	60.4	38.9	0.5	100.0
		Numbers	47	16,260	10,476	142	26,926
		SE	47	553	551	82	
25	397	Percent	0.3	71.0	28.2	0.5	100.0
		Numbers	94	26,453	10,506	188	37,241
		SE	94	849	842	132	
26	557	Percent	0.0	70.7	29.1	0.2	100.0
		Numbers	0	24,673	10,145	63	34,881
		SE	0	673	672	63	
27-38	574	Percent	0.7	82.9	15.0	1.4	100.0
		Numbers	3,884	462,178	83,503	7,768	557,332
		SE	1,937	8,761	8,310	2,729	
Total	2,096	Percent	0.6	80.7	17.5	1.2	100.0
		Numbers	4,025	529,564	114,630	8,161	656,380
		SE	1,940	8,845	8,397	2,735	

Appendix G.5. Age composition of the Shumagin Island Section male chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
24	331	Percent	0.0	63.7	36.3	0.0	100.0
		Numbers	0	10,046	5,713	0	15,759
		SE	0	547	462	0	
25	240	Percent	0.4	72.1	27.5	0.0	100.0
		Numbers	95	16,436	6,271	0	22,802
		SE	94	929	700	0	
26	332	Percent	0.0	71.1	28.6	0.3	100.0
		Numbers	0	14,810	5,962	63	20,835
		SE	0	731	557	63	
27-38	337	Percent	1.2	83.7	13.9	1.2	100.0
		Numbers	3,855	271,794	45,299	3,855	324,803
		SE	1,930	11,638	6,362	1,930	
Total	1,240	Percent	1.0	81.5	16.5	1.0	100.0
		Numbers	3,950	313,086	63,245	3,918	384,199
		SE	1,932	11,711	6,442	1,931	

Appendix G.6. Age composition of the Shumagin Island Section female chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
24	237	Percent	0.4	55.7	42.6	1.3	100.0
		Numbers	47	6,220	4,759	141	11,167
		SE	47	477	431	82	
25	152	Percent	0.0	68.4	30.3	1.3	100.0
		Numbers	0	9,879	4,370	190	14,439
		SE	0	826	602	133	
26	224	Percent	0.0	70.1	29.9	0.0	100.0
		Numbers	0	9,845	4,201	0	14,046
		SE	0	666	481	0	
27-38	237	Percent	0.0	81.9	16.5	1.7	100.0
		Numbers	0	190,340	38,264	3,925	232,529
		SE	0	11,041	5,888	1,947	
Total	850	Percent	0.0	79.5	19.0	1.6	100.0
		Numbers	47	216,284	51,594	4,256	272,181
		SE	47	11,102	5,953	1,953	

Appendix G.7. Length composition of the Shumagin Island Section chum purse seine and set gill net catch samples by age and sex, statistical weeks 24 through 26 and 29, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	540	567	571	616	569
SE	-	1	2	17	1
Range	540-540	482-688	500-724	554-728	482-728
Sample Size	1	587	253	9	850
Males					
Mean Length	559	592	606	613	596
SE	4	1	2	17	1
Range	553-574	492-689	519-753	565-659	492-753
Sample Size	5	902	328	5	1,240
All Fish					
Mean Length	556	582	591	615	585
SE	4	1	2	12	1
Range	540-574	482-689	500-753	554-728	482-753
Sample Size	6	1,489	581	14	2,090

Appendix G.8. Sex composition of the Shumagin Island Section chum catch by statistical week, 1986.

Statistical Week	Sample			Percent Females	Percent Males	Catch		
	Females	Males	Total			Females	Males	Total
24	248	350	598	41.5	58.5	11,167	15,759	26,926
25	164	259	423	38.8	61.2	14,439	22,802	37,241
26	240	356	596	40.3	59.7	14,046	20,835	34,881
27-38	252	352	604	41.7	58.3	232,529	324,803	557,332
Total	904	1,317	2,221	41.5	58.5	272,181	384,199	656,380

Appendix G.9. Age composition of the Shumagin Island Section chum catch by statistical week, June 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
24	568	Percent	0.2	60.4	38.9	0.5	100.0
		Numbers	47	16,260	10,476	142	26,926
		SE	47	553	551	82	
25	397	Percent	0.3	71.0	28.2	0.5	100.0
		Numbers	94	26,453	10,506	188	37,241
		SE	94	849	842	132	
26	557	Percent	0.0	70.7	29.1	0.2	100.0
		Numbers	0	24,673	10,145	63	34,881
		SE	0	673	672	63	
Total	1,522	Percent	0.1	68.0	31.4	0.4	100.0
		Numbers	141	67,386	31,127	393	99,048
		SE	105	1,216	1,210	168	

Appendix G.10. Age composition of the Shumagin Island Section male chum catch by statistical week, June 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
24	331	Percent	0.0	63.7	36.3	0.0	100.0
		Numbers	0	10,046	5,713	0	15,759
		SE	0	547	462	0	
25	240	Percent	0.4	72.1	27.5	0.0	100.0
		Numbers	95	16,436	6,271	0	22,802
		SE	94	929	700	0	
26	332	Percent	0.0	71.1	28.6	0.3	100.0
		Numbers	0	14,810	5,962	63	20,835
		SE	0	731	557	63	
Total	903	Percent	0.2	69.5	30.2	0.1	100.0
		Numbers	95	41,292	17,946	63	59,396
		SE	94	1,303	1,007	63	

Appendix G.11. Age composition of the Shumagin Island Section female chum catch by statistical week, June 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
24	237	Percent	0.4	55.7	42.6	1.3	100.0
		Numbers	47	6,220	4,759	141	11,167
		SE	47	477	431	82	
25	152	Percent	0.0	68.4	30.3	1.3	100.0
		Numbers	0	9,879	4,370	190	14,439
		SE	0	826	602	133	
26	224	Percent	0.0	70.1	29.9	0.0	100.0
		Numbers	0	9,845	4,201	0	14,046
		SE	0	666	481	0	
Total	613	Percent	0.1	65.4	33.6	0.8	100.0
		Numbers	47	25,944	13,330	331	39,652
		SE	47	1,163	884	156	

Appendix G.12. Length composition of the Shumagin Island Section chum purse seine and set gill net catch samples by age and sex, statistical weeks 24 through 26, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	540	557	566	596	561
SE	-	1	2	17	1
Range	540-540	482-643	500-724	554-638	482-724
Sample Size	1	393	214	5	613
Males					
Mean Length	555	588	604	587	593
SE	-	1	2	-	1
Range	555-555	492-689	519-702	587-587	492-702
Sample Size	1	620	281	1	903
All Fish					
Mean Length	548	576	588	595	580
SE	8	1	2	14	1
Range	540-555	482-689	500-724	554-638	482-724
Sample Size	2	1,013	495	6	1,516

Appendix G.13. Length composition of the Shumagin Island Section chum purse seine and set gill net catch samples by age and sex, statistical week 24, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	540	552	563	603	557
SE	-	2	2	23	2
Range	540-540	490-631	505-631	560-638	490-638
Sample Size	1	132	101	3	237
Males					
Mean Length	0	586	604	0	593
SE	-	2	3	-	2
Range	0-0	492-680	523-674	0-0	492-680
Sample Size	0	211	120	0	331
All Fish					
Mean Length	540	573	585	603	578
SE	-	2	2	23	1
Range	540-540	490-680	505-674	560-638	490-680
Sample Size	1	343	221	3	568

Appendix G.14. Length composition of the Shumagin Island Section chum purse seine and set gill net catch samples by age and sex, statistical week 25, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	0	562	570	587	565
SE	-	2	5	33	2
Range	0-0	517-627	500-624	554-620	500-627
Sample Size	0	104	46	2	152
Males					
Mean Length	555	594	607	0	597
SE	-	2	4	-	2
Range	555-555	513-671	535-695	0-0	513-695
Sample Size	1	173	66	0	240
All Fish					
Mean Length	555	582	592	587	585
SE	-	2	4	33	2
Range	555-555	513-671	500-695	554-620	500-695
Sample Size	1	277	112	2	392

Appendix G.15. Length composition of the Shumagin Island Section chum purse seine and set gill net catch samples by age and sex, statistical week 26, 1986.

	AGE			
	0.3	0.4	0.5	Total
Females				
Mean Length	558	569	0	562
SE	2	4	-	2
Range	482-643	507-724	0-0	482-724
Sample Size	157	67	0	224
Males				
Mean Length	585	601	587	590
SE	2	4	-	2
Range	504-689	519-702	587-587	504-702
Sample Size	236	95	1	332
All Fish				
Mean Length	574	588	587	578
SE	2	3	-	1
Range	482-689	507-724	587-587	482-724
Sample Size	393	162	1	556

Appendix G.16. Sex composition of the Shumagin Island Section chum catch by statistical week, June 1986.

Statistical Week	Sample			Percent	Percent	Catch		
	Females	Males	Total	Females	Males	Females	Males	Total
24	248	350	598	41.5	58.5	11,167	15,759	26,926
25	164	259	423	38.8	61.2	14,439	22,802	37,241
26	240	356	596	40.3	59.7	14,046	20,835	34,881
Total	652	965	1,617	40.0	60.0	39,652	59,396	99,048

Appendix G.17. Age composition of the Shumagin Island Section chum catch by statistical week, July through September, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
27-38	337	Males					
		Percent	1.2	83.7	13.9	1.2	100.0
		Numbers	3,855	271,794	45,299	3,855	324,803
		SE	1,930	11,638	6,362	1,930	
	237	Females					
		Percent	0.0	81.9	16.5	1.7	100.0
		Numbers	0	190,340	38,264	3,925	232,529
		SE	0	11,041	5,888	1,947	
	574	All Fish					
		Percent	0.7	82.9	15.0	1.4	100.0
		Numbers	3,884	462,178	83,503	7,768	557,332
		SE	1,937	8,761	8,310	2,729	

Appendix G.18. Length composition of the Shumagin Island Section chum purse seine and set gill net catch samples by age and sex, statistical week 29, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	0	587	600	640	590
SE	-	2	5	30	2
Range	0-0	510-688	552-672	601-728	510-728
Sample Size	0	194	39	4	237
Males					
Mean Length	560	601	618	620	603
SE	5	2	5	20	2
Range	553-574	493-687	542-753	565-659	493-753
Sample Size	4	282	47	4	337
All Fish					
Mean Length	560	595	610	630	598
SE	5	1	4	17	1
Range	553-574	493-688	542-753	565-728	493-753
Sample Size	4	476	86	8	574

Appendix G.19. Sex composition of the Shumagin Island Section chum catch by statistical week, July through September, 1986.

Statistical Week	Sample			Percent	Percent	Catch		
	Females	Males	Total	Females	Males	Females	Males	Total
27-38	252	352	604	41.7	58.3	232,529	324,803	557,332
Total	252	352	604	41.7	58.3	232,529	324,803	557,332

Appendix G.20. Age composition of the Canoe Bay chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
27-33	373	Males					
		Percent	0.0	70.2	28.1	1.6	100.0
		Numbers	0	60,989	24,442	1,397	86,828
		SE	0	2,788	2,161	568	
	202	Females					
		Percent	0.5	75.2	22.3	2.0	100.0
		Numbers	234	35,592	10,537	937	47,300
		SE	234	2,472	1,506	466	
	575	All Fish					
		Percent	0.2	72.0	26.1	1.7	100.0
		Numbers	233	96,572	34,990	2,333	134,128
		SE	233	2,514	2,458	732	

Appendix G.21. Length composition of the Canoe Bay chum purse seine and set gill net catch samples by age and sex, statistical week 29, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	590	587	606	624	592
SE	-	2	3	12	2
Range	590-590	523-639	562-659	595-655	523-659
Sample Size	1	152	45	4	202
Males					
Mean Length	0	598	625	615	606
SE	-	2	3	18	2
Range	0-0	521-693	559-710	561-695	521-710
Sample Size	0	262	105	6	373
All Fish					
Mean Length	590	594	619	618	601
SE	-	1	2	11	1
Range	590-590	521-693	559-710	561-695	521-710
Sample Size	1	414	150	10	575

Appendix G.22. Sex composition of the Canoe Bay chum catch by statistical week, 1986.

Statistical Week	Sample			Percent	Percent	Catch		
	Females	Males	Total	Females	Males	Females	Males	Total
27-33	213	391	604	35.3	64.7	47,300	86,828	134,128
Total	213	391	604	35.3	64.7	47,300	86,828	134,128

Appendix G.23. Age composition of the Ikatan Peninsula to Morzhovoi Bay chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
27-38	101	Males					
		Percent	1.0	81.2	17.8	0.0	100.0
		Numbers	474	38,856	8,529	0	47,859
		SE	463	3,428	1,895	0	
	156	Females					
		Percent	2.6	84.6	11.5	1.3	100.0
		Numbers	1,755	57,901	7,896	877	68,429
		SE	886	3,634	1,828	629	
	257	All Fish					
		Percent	1.9	83.3	14.0	0.8	100.0
		Numbers	2,262	96,831	16,289	905	116,288
		SE	1,004	2,713	2,522	639	

Appendix G.24. Length composition of the Ikatan Peninsula to Morzhovoi Bay chum purse seine, set gill net, and drift gill net catch samples by age and sex, statistical week 31, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	518	595	623	644	598
SE	7	3	5	15	3
Range	510-533	498-675	583-663	629-659	498-675
Sample Size	3	132	18	2	155
Males					
Mean Length	527	606	644	0	612
SE	-	4	7	-	4
Range	527-527	549-683	591-695	0-0	527-695
Sample Size	1	82	18	0	101
All Fish					
Mean Length	521	600	634	644	604
SE	6	2	5	15	2
Range	510-533	498-683	583-695	629-659	498-695
Sample Size	4	214	36	2	256

Appendix G.25. Sex composition of the Ikatan Peninsula to Morzhovoi Bay chum catch by statistical week, 1986.

Statistical Week	Sample					Catch		
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
27-38	163	114	277	58.8	41.2	68,429	47,859	116,288
Total	163	114	277	58.8	41.2	68,429	47,859	116,288

Appendix G.26. Age composition of the Ikatan Peninsula to Cape Lazaref chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	0.4	0.5	Total
24	571	Percent	56.7	42.9	0.4	100.0
		Numbers	26,694	20,185	165	47,044
		SE	976	975	116	
25	560	Percent	62.1	36.8	1.1	100.0
		Numbers	43,440	25,715	749	69,904
		SE	1,434	1,426	304	
Total	1,131	Percent	60.0	39.2	0.8	100.0
		Numbers	70,134	45,900	914	116,948
		SE	1,735	1,727	326	

Appendix G.27. Age composition of the Ikatan Peninsula to Cape Lazaref male chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	0.4	0.5	Total
24	125	Percent	55.2	44.8	0.0	100.0
		Numbers	5,785	4,695	0	10,480
		SE	647	591	0	
25	277	Percent	63.2	35.7	1.1	100.0
		Numbers	21,860	12,367	375	34,602
		SE	1,371	1,128	216	
Total	402	Percent	61.3	37.8	0.8	100.0
		Numbers	27,645	17,062	375	45,082
		SE	1,516	1,273	216	

Appendix G.28. Age composition of the Ikatan Peninsula to Cape Lazaref female chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.3	0.4	0.5	Total
24	439	Percent	57.9	41.7	0.5	100.0
		Numbers	21,155	15,242	167	36,564
		SE	980	922	117	
25	283	Percent	61.1	37.8	1.1	100.0
		Numbers	21,580	13,347	374	35,302
		SE	1,366	1,162	216	
Total	722	Percent	59.5	39.8	0.8	100.0
		Numbers	42,735	28,589	541	71,866
		SE	1,681	1,484	245	

Appendix G.29. Length composition of the Ikatan Peninsula to Cape Lazaref chum purse seine, drift gill net, and set gill net catch samples by age and sex, statistical weeks 24 and 25, 1986.

	AGE			
	0.3	0.4	0.5	Total
Females				
Mean Length	563	572	565	567
SE	1	2	14	1
Range	497-648	506-698	537-615	497-698
Sample Size	425	289	5	719
Males				
Mean Length	587	607	622	595
SE	2	3	19	2
Range	499-680	526-773	603-661	499-773
Sample Size	242	155	3	400
All Fish				
Mean Length	571	584	587	577
SE	1	2	15	1
Range	497-680	506-773	537-661	497-773
Sample Size	668	449	8	1,125

Appendix G.30. Length composition of the Ikatan Peninsula to Cape Lazaref chum purse seine, drift gill net, and set gill net catch samples by age and sex, statistical week 24, 1986.

	AGE			
	0.3	0.4	0.5	Total
Females				
Mean Length	565	575	555	569
SE	2	2	16	1
Range	503-648	506-698	539-570	503-698
Sample Size	252	182	2	436
Males				
Mean Length	591	606	0	597
SE	3	4	-	3
Range	509-654	526-681	0-0	509-681
Sample Size	67	56	0	123
All Fish				
Mean Length	571	582	555	575
SE	2	2	16	1
Range	500-654	506-698	539-570	500-698
Sample Size	320	243	2	565

Appendix G.31. Length composition of the Ikatan Peninsula to Cape Lazaref chum purse seine, drift gill net, and set gill net catch samples by age and sex, statistical week 25, 1986.

	AGE			
	0.3	0.4	0.5	Total
Females				
Mean Length	559	567	572	562
SE	2	3	23	2
Range	497-628	510-670	537-615	497-670
Sample Size	173	107	3	283
Males				
Mean Length	585	607	622	593
SE	2	4	19	2
Range	499-680	536-773	603-661	499-773
Sample Size	175	99	3	277
All Fish				
Mean Length	572	586	597	578
SE	2	3	17	1
Range	497-680	510-773	537-661	497-773
Sample Size	348	206	6	560

Appendix G.32. Sex composition of the Ikatan Peninsula to Cape Lazaref chum catch by statistical week, 1986.

Statistical Week	Sample					Catch		
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
24	464	133	597	77.7	22.3	36,564	10,480	47,044
25	303	297	600	50.5	49.5	35,302	34,602	69,904
Total	767	430	1,197	61.5	38.5	71,866	45,082	116,948

Appendix G.33. Age composition of the Ikatan Peninsula to Cape Lutke chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	Total
26	89	Males				
		Percent	1.1	73.0	25.8	100.0
		Numbers	117	7,628	2,699	10,445
		SE	117	740	521	
	82	Females				
		Percent	0.0	54.9	45.1	100.0
		Numbers	0	5,147	4,232	9,379
		SE	0	667	623	
	171	All Fish				
		Percent	0.6	64.3	35.1	100.0
		Numbers	116	12,752	6,956	19,824
		SE	116	728	726	

Appendix G.34. Length composition of the Ikatan Peninsula to Cape Lutke chum purse seine, drift gill net, and set gill net catch samples by age and sex, statistical week 26, 1986.

	AGE			
	0.2	0.3	0.4	Total
Females				
Mean Length	0	560	582	570
SE	-	5	4	3
Range	0-0	486-643	530-630	486-643
Sample Size	0	45	37	82
Males				
Mean Length	486	586	606	590
SE	-	5	6	4
Range	486-486	500-677	526-658	486-677
Sample Size	1	65	23	89
All Fish				
Mean Length	486	575	591	580
SE	-	4	4	3
Range	486-486	486-677	526-658	486-677
Sample Size	1	110	60	171

Appendix G.35. Sex composition of the Ikatan Peninsula to Cape Lutke chum catch by statistical week, 1986.

Statistical Week	Sample			Percent	Percent	Catch		
	Females	Males	Total	Females	Males	Females	Males	Total
26	88	98	186	47.3	52.7	9,379	10,445	19,824
Total	88	98	186	47.3	52.7	9,379	10,445	19,824

Appendix G.36. Age composition of the Cape Lutke chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
24	341	Percent	0.0	53.4	46.0	0.6	100.0
		Numbers	0	11,469	9,894	126	21,489
		SE	0	581	581	89	
25	393	Percent	0.5	63.1	34.6	1.8	100.0
		Numbers	482	59,795	32,791	1,688	94,756
		SE	341	2,309	2,277	633	
Total	734	Percent	0.4	61.3	36.7	1.6	100.0
		Numbers	482	71,264	42,685	1,814	116,245
		SE	341	2,381	2,350	639	

Appendix G.37. Age composition of the Cape Lutke male chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
24	119	Percent	0.0	56.3	42.0	1.7	100.0
		Numbers	0	4,250	3,172	127	7,549
		SE	0	464	413	89	
25	204	Percent	1.0	61.3	35.8	2.0	100.0
		Numbers	479	29,944	17,487	958	48,869
		SE	339	2,225	1,857	479	
Total	323	Percent	0.8	60.6	36.6	1.9	100.0
		Numbers	479	34,194	20,659	1,085	56,418
		SE	339	2,273	1,902	487	

Appendix G.38. Age composition of the Cape Lutke female chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
24	216	Percent	0.0	52.8	47.2	0.0	100.0
		Numbers	0	7,357	6,583	0	13,940
		SE	0	553	537	0	
25	189	Percent	0.0	65.1	33.3	1.6	100.0
		Numbers	0	29,863	15,296	728	45,887
		SE	0	2,223	1,761	418	
Total	405	Percent	0.0	62.2	36.6	1.2	100.0
		Numbers	0	37,220	21,879	728	59,827
		SE	0	2,291	1,841	418	

Appendix G.39. Length composition of the Cape Lutke chum purse seine and drift gill net catch samples by age and sex, statistical weeks 24 and 25, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	0	557	571	564	563
SE	-	2	2	11	1
Range	0-0	488-645	507-669	542-575	488-669
Sample Size	0	237	165	3	405
Males					
Mean Length	571	583	601	594	590
SE	17	2	3	13	2
Range	554-588	498-698	507-663	543-628	498-698
Sample Size	2	192	123	6	323
All Fish					
Mean Length	571	569	584	584	575
SE	17	2	2	10	1
Range	554-588	488-698	507-682	542-628	488-698
Sample Size	2	430	293	9	734

Appendix G.40. Length composition of the Cape Lutke chum purse seine and drift gill net catch samples by age and sex, statistical week 24, 1986.

	AGE			
	0.3	0.4	0.5	Total
Females				
Mean Length	562	573	0	567
SE	3	3	-	2
Range	495-626	517-669	0-0	495-669
Sample Size	114	102	0	216
Males				
Mean Length	588	599	618	593
SE	3	5	11	3
Range	523-652	507-652	607-628	507-652
Sample Size	67	50	2	119
All Fish				
Mean Length	572	583	618	577
SE	2	3	11	2
Range	495-652	507-682	607-628	495-682
Sample Size	182	157	2	341

Appendix G.41. Length composition of the Cape Lutke chum purse seine and drift gill net catch samples by age and sex, statistical week 25, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	0	552	567	564	557
SE	-	2	4	11	2
Range	0-0	488-645	507-665	542-575	488-665
Sample Size	0	123	63	3	189
Males					
Mean Length	571	580	603	583	588
SE	17	3	3	17	2
Range	554-588	498-698	543-663	543-621	498-698
Sample Size	2	125	73	4	204
All Fish					
Mean Length	571	566	586	574	573
SE	17	2	3	11	2
Range	554-588	488-698	507-665	542-621	488-698
Sample Size	2	248	136	7	393

Appendix G.42. Sex composition of the Cape Lutke chum catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
24	229	124	353	64.9	35.1	13,940	7,549	21,489
25	200	213	413	48.4	51.6	45,887	48,869	94,756
Total	429	337	766	51.5	48.5	59,827	56,418	116,245

Appendix G.43. Age composition of the Saint Catherine Cove to Swanson Lagoon chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
25-37	181	Males					
		Percent	0.6	74.0	25.4	0.0	100.0
		Numbers	100	13,413	4,604	0	18,117
		SE	100	964	641	0	
	251	Females					
		Percent	0.4	67.3	31.5	0.8	100.0
		Numbers	103	17,344	8,108	205	25,760
		SE	101	1,023	812	143	
	441	All Fish					
		Percent	0.5	69.8	29.3	0.5	100.0
		Numbers	199	30,644	12,835	199	43,877
		SE	141	960	952	141	

Appendix G.44. Length composition of the Saint Catherine Cove to Swanson Lagoon chum purse seine and set gill net catch samples by age and sex, statistical week 28, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	541	568	598	607	577
SE	-	2	3	44	2
Range	541-541	506-628	540-645	563-650	506-650
Sample Size	1	168	79	2	250
Males					
Mean Length	552	578	614	0	587
SE	-	3	4	-	3
Range	552-552	493-641	520-688	0-0	493-688
Sample Size	1	134	46	0	181
All Fish					
Mean Length	547	572	603	607	581
SE	6	2	2	44	2
Range	541-552	493-641	520-688	563-650	493-688
Sample Size	2	307	129	2	440

Appendix G.45. Sex composition of the Saint Catherine Cove to Swanson Lagoon chum catch by statistical week, 1986.

Statistical Week	Sample					Catch		
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
25-37	273	192	465	58.7	41.3	25,760	18,117	43,877
Total	273	192	465	58.7	41.3	25,760	18,117	43,877

Appendix G.46. Age composition of the Izembek-Moffet Bay Section chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
27-32	184	Males					
		Percent	0.0	58.7	39.7	1.6	100.0
		Numbers	0	21,563	14,575	599	36,737
		SE	0	1,724	1,518	345	
	162	Females					
		Percent	0.6	60.5	38.3	0.6	100.0
		Numbers	200	19,589	12,393	200	32,381
		SE	200	1,677	1,427	200	
	346	All Fish					
		Percent	0.3	59.5	39.0	1.2	100.0
		Numbers	200	41,151	26,968	799	69,118
		SE	200	1,826	1,815	398	

Appendix G.47. Length composition of the Izembek-Moffet Bay Section chum purse seine catch samples by age and sex, statistical week 29, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	489	568	588	593	575
SE	-	2	3	-	2
Range	489-489	446-618	521-633	593-593	446-633
Sample Size	1	98	62	1	162
Males					
Mean Length	0	588	604	627	595
SE	-	2	3	4	2
Range	0-0	517-650	553-681	620-633	517-681
Sample Size	0	108	73	3	184
All Fish					
Mean Length	489	578	597	619	586
SE	-	2	2	9	2
Range	489-489	446-650	521-681	593-633	446-681
Sample Size	1	206	135	4	346

Appendix G.48. Sex composition of the Izembek-Moffet Bay Section chum catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
27-32	171	194	365	46.8	53.2	32,381	36,737	69,118
Total	171	194	365	46.8	53.2	32,381	36,737	69,118

Appendix G.49. Age composition of the Nelson Lagoon Section chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
26-36	71	Males					
		Percent	12.7	77.5	7.0	2.8	100.0
		Numbers	121	740	67	27	955
		SE	40	90	30	19	
	191	Females					
		Percent	7.3	79.6	10.0	3.1	100.0
		Numbers	194	2,110	264	83	2,651
		SE	50	110	58	34	
	262	All Fish					
		Percent	8.8	79.0	9.2	3.1	100.0
		Numbers	317	2,849	330	110	3,606
		SE	63	91	64	38	

Appendix G.50. Length composition of the Nelson Lagoon chum drift gill net and set gill net catch samples by age and sex, statistical week 32, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	528	581	599	590	580
SE	7	2	7	12	2
Range	485-566	522-640	550-660	550-625	485-660
Sample Size	13	151	19	6	189
Males					
Mean Length	549	596	619	602	592
SE	5	4	9	8	4
Range	526-572	532-653	595-640	594-610	526-653
Sample Size	9	55	5	2	71
All Fish					
Mean Length	537	585	603	593	583
SE	5	2	6	9	2
Range	485-572	522-653	550-660	550-625	485-660
Sample Size	22	206	24	8	260

Appendix G.51. Sex composition of the Nelson Lagoon Section chum catch by statistical week, 1986.

Statistical Week	Sample			Percent	Percent	Catch		
	Females	Males	Total	Females	Males	Females	Males	Total
26-36	200	72	272	73.5	26.5	2,651	955	3,606
Total	200	72	272	73.5	26.5	2,651	955	3,606

Appendix G.52. Age composition of the Herendeen Bay chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
27-29	265	Males					
		Percent	0.8	54.7	38.5	6.0	100.0
		Numbers	71	5,157	3,628	569	9,425
		SE	51	374	329	142	
	297	Females					
		Percent	1.0	51.5	39.7	7.7	100.0
		Numbers	111	5,664	4,368	851	10,995
		SE	63	385	353	172	
	564	All Fish					
		Percent	0.9	53.2	39.0	6.9	100.0
		Numbers	181	10,862	7,965	1,412	20,420
		SE	81	429	420	218	

Appendix G.53. Length composition of the Herendeen Bay chum purse seine catch samples by age and sex, statistical week 29, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	516	580	602	601	590
SE	8	2	2	6	2
Range	501-528	487-675	536-660	550-659	487-675
Sample Size	3	153	118	23	297
Males					
Mean Length	487	586	614	622	598
SE	1	3	3	6	2
Range	486-487	512-674	550-699	583-653	486-699
Sample Size	2	145	102	16	265
All Fish					
Mean Length	504	583	608	609	594
SE	9	2	2	4	1
Range	486-528	487-675	536-699	550-659	486-699
Sample Size	5	300	220	39	564

Appendix G.54. Sex composition of the Herendeen Bay chum catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
27-29	322	276	598	53.8	46.2	10,995	9,425	20,420
Total	322	276	598	53.8	46.2	10,995	9,425	20,420

Appendix G.55. Age composition of the Harbor Point to Cape Seniavin chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
23-24	118	Percent	0.0	82.3	15.9	1.8	100.0
		Numbers	0	186	36	4	226
		SE	0	8	8	3	
25	269	Percent	0.0	91.4	8.6	0.0	100.0
		Numbers	0	1,482	139	0	1,621
		SE	0	28	28	0	
26-27	381	Percent	1.3	94.8	3.9	0.0	100.0
		Numbers	385	27,770	1,154	0	29,308
		SE	171	335	292	0	
28	573	Percent	0.5	92.8	6.6	0.0	100.0
		Numbers	87	15,409	1,101	0	16,596
		SE	50	179	173	0	
29	564	Percent	1.6	88.1	10.3	0.0	100.0
		Numbers	295	16,309	1,903	0	18,508
		SE	98	252	237	0	
30	447	Percent	3.8	73.8	19.2	3.1	100.0
		Numbers	506	9,831	2,562	417	13,317
		SE	121	277	249	110	
31	485	Percent	2.1	79.8	16.9	1.2	100.0
		Numbers	124	4,800	1,017	74	6,015
		SE	39	110	102	30	
32	571	Percent	2.4	81.6	15.4	0.5	100.0
		Numbers	134	4,471	844	29	5,478
		SE	35	89	83	17	
33	537	Percent	4.4	78.9	14.7	1.9	100.0
		Numbers	73	1,296	242	31	1,642
		SE	15	29	25	10	
34-37	138	Percent	2.9	89.1	6.6	1.4	100.0
		Numbers	39	1,197	88	19	1,343
		SE	19	36	28	14	
Total	4,083	Percent	1.7	88.0	9.7	0.6	100.0
		Numbers	1,643	82,751	9,086	574	94,054
		SE	243	555	503	116	

Appendix G.56. Age composition of the Harbor Point to Cape Seniavian male chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
23-24	44	Percent	0.0	77.0	20.7	2.3	100.0
		Numbers	0	67	18	2	87
		SE	0	10	6	2	
25	100	Percent	0.0	90.0	10.0	0.0	100.0
		Numbers	0	547	61	0	608
		SE	0	47	19	0	
26-27	166	Percent	2.4	94.0	3.6	0.0	100.0
		Numbers	314	12,249	471	0	13,034
		SE	155	742	189	0	
28	215	Percent	0.9	91.6	7.4	0.0	100.0
		Numbers	58	5,699	463	0	6,220
		SE	41	330	114	0	
29	262	Percent	3.1	89.3	7.6	0.0	100.0
		Numbers	259	7,576	648	0	8,483
		SE	92	384	143	0	
30	129	Percent	8.5	69.8	15.5	6.2	100.0
		Numbers	316	2,586	575	230	3,707
		SE	96	249	128	82	
31	248	Percent	2.0	78.6	18.1	1.2	100.0
		Numbers	61	2,393	552	37	3,043
		SE	27	134	79	21	
32	132	Percent	5.3	81.8	12.9	0.0	100.0
		Numbers	68	1,046	165	0	1,279
		SE	25	90	39	0	
33	166	Percent	7.8	73.0	16.9	2.3	100.0
		Numbers	40	375	87	12	514
		SE	11	30	16	6	
34-37	43	Percent	4.7	90.8	4.7	0.0	100.2
		Numbers	21	404	21	0	445
		SE	14	53	14	0	
Total	1,505	Percent	3.0	88.0	8.2	0.8	100.0
		Numbers	1,137	32,942	3,061	281	37,420
		SE	212	949	307	85	

Appendix G.57. Age composition of the Harbor Point to Cape Seniavin female chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
23-24	74	Percent	0.0	84.9	13.7	1.4	100.0
		Numbers	0	118	19	2	139
		SE	0	10	6	2	
25	169	Percent	0.0	92.3	7.7	0.0	100.0
		Numbers	0	935	78	0	1,013
		SE	0	49	21	0	
26-27	215	Percent	0.5	95.3	4.2	0.0	100.0
		Numbers	76	15,517	681	0	16,274
		SE	76	750	227	0	
28	358	Percent	0.3	93.6	6.1	0.0	100.0
		Numbers	29	9,709	638	0	10,376
		SE	29	342	133	0	
29	302	Percent	0.3	87.1	12.6	0.0	100.0
		Numbers	33	8,730	1,261	0	10,025
		SE	33	389	197	0	
30	318	Percent	1.9	75.5	20.8	1.9	100.0
		Numbers	181	7,253	1,995	181	9,610
		SE	73	314	225	73	
31	237	Percent	2.1	81.0	15.6	1.3	100.0
		Numbers	63	2,408	464	38	2,972
		SE	28	134	73	22	
32	439	Percent	1.6	81.5	16.2	0.7	100.0
		Numbers	67	3,424	679	29	4,199
		SE	25	111	76	17	
33	371	Percent	2.9	81.6	13.7	1.6	99.9
		Numbers	33	921	155	18	1,128
		SE	10	35	21	7	
34-37	95	Percent	2.1	88.4	7.3	2.1	100.0
		Numbers	19	794	66	19	898
		SE	14	56	25	14	
Total	2,578	Percent	0.9	87.9	10.7	0.5	100.0
		Numbers	501	49,809	6,036	287	56,634
		SE	122	984	413	80	

Appendix G.58. Length composition of the Harbor Point to Cape Seniavin chum drift gill net, purse seine, and set gill net catch samples by age and sex, statistical weeks 24 through 34, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	529	558	580	591	561
SE	5	1	2	5	1
Range	460-600	465-672	502-708	537-643	460-708
Sample Size	34	2,191	324	21	2,570
Males					
Mean Length	521	560	586	611	562
SE	4	1	3	9	1
Range	450-600	475-673	490-670	569-676	450-676
Sample Size	52	1,262	172	16	1,502
All Fish					
Mean Length	524	559	583	600	561
SE	3	1	1	5	1
Range	450-600	465-673	490-708	537-676	450-708
Sample Size	86	3,435	496	37	4,072

Appendix G.59. Sex composition of the Harbor Point to Cape Seniavin chum catch by statistical week, 1986.

Statistical Week	Sample			Percent	Percent	Catch		
	Females	Males	Total	Females	Males	Females	Males	Total
23-24	76	48	124	61.3	38.7	139	87	226
25	175	105	280	62.5	37.5	1,013	608	1,621
26-27	221	177	398	55.5	44.5	16,274	13,034	29,308
28	377	226	603	62.5	37.5	10,376	6,220	16,596
29	325	275	600	54.2	45.8	10,025	8,483	18,508
30	350	135	485	72.2	27.8	9,610	3,707	13,317
31	251	257	508	49.4	50.6	2,972	3,043	6,015
32	463	141	604	76.7	23.3	4,199	1,279	5,478
33	386	176	562	68.7	31.3	1,128	514	1,642
34-37	97	48	145	66.9	33.1	898	445	1,343
Total	2,721	1,588	4,309	60.2	39.8	56,634	37,420	94,054

Appendix G.60. Age composition of the Cape Seniavin to Strogonof Point chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
26	188	Percent	0.5	72.3	26.6	0.5	100.0
		Numbers	31	4,224	1,553	31	5,839
		SE	31	191	189	31	
27-28	926	Percent	1.1	76.1	21.5	1.3	100.0
		Numbers	141	9,970	2,814	170	13,096
		SE	45	184	177	49	
29	379	Percent	1.8	83.9	12.7	1.6	100.0
		Numbers	211	9,595	1,448	181	11,435
		SE	79	216	196	73	
30-31	574	Percent	4.4	72.5	20.9	2.3	100.0
		Numbers	327	5,447	1,571	170	7,516
		SE	64	140	128	47	
32-35	149	Percent	4.7	72.5	18.8	4.0	100.0
		Numbers	37	574	149	32	792
		SE	14	29	25	13	
Total	2,216	Percent	1.9	77.1	19.5	1.5	100.0
		Numbers	747	29,810	7,535	584	38,678
		SE	116	371	349	105	

Appendix G.61. Age composition of the Cape Seniavin to Strogonof Point male chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
26	61	Percent	0.0	82.0	16.4	1.6	100.0
		Numbers	0	1,410	282	28	1,720
		SE	0	183	92	30	
27-28	467	Percent	1.5	79.4	17.6	1.5	100.0
		Numbers	100	5,286	1,168	100	6,654
		SE	37	211	123	37	
29	191	Percent	2.1	84.8	11.5	1.6	100.0
		Numbers	123	4,968	675	92	5,857
		SE	61	292	139	53	
30-31	139	Percent	5.7	72.0	20.9	1.4	100.0
		Numbers	103	1,294	375	26	1,798
		SE	37	119	68	18	
32-35	54	Percent	5.7	68.5	18.5	7.4	100.0
		Numbers	17	204	55	22	298
		SE	9	28	17	11	
Total	912	Percent	2.1	80.6	15.6	1.6	100.0
		Numbers	343	13,162	2,555	268	16,327
		SE	81	422	218	74	

Appendix G.62. Age composition of the Cape Seniavin to Strogonof Point female chum catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 0.2	0.3	0.4	0.5	Total
26	127	Percent	0.8	67.7	31.5	0.0	100.0
		Numbers	32	2,789	1,297	0	4,119
		SE	32	213	177	0	
27-28	456	Percent	0.7	72.6	25.7	1.1	100.0
		Numbers	42	4,676	1,653	71	6,442
		SE	24	206	143	32	
29	188	Percent	1.6	83.0	13.8	1.6	100.0
		Numbers	89	4,629	771	89	5,578
		SE	52	289	148	52	
30-31	435	Percent	3.9	72.6	20.9	2.5	100.0
		Numbers	223	4,154	1,196	145	5,718
		SE	53	156	115	43	
32-35	95	Percent	4.3	74.7	19.0	2.0	100.0
		Numbers	21	369	94	10	494
		SE	10	32	21	7	
Total	1,301	Percent	1.8	74.3	22.4	1.4	100.0
		Numbers	407	16,617	5,011	315	22,351
		SE	85	444	296	75	

Appendix G.63. Length composition of the Cape Seniavin to Strogonof Point chum drift gill net and set gill net catch samples by age and sex, statistical weeks 26 and 28 through 32, 1986.

	AGE				
	0.2	0.3	0.4	0.5	Total
Females					
Mean Length	524	565	589	590	570
SE	4	1	2	7	1
Range	479-560	476-668	490-683	539-682	476-683
Sample Size	28	960	292	21	1,301
Males					
Mean Length	537	571	590	605	574
SE	5	1	3	9	1
Range	500-583	463-672	462-685	497-659	462-685
Sample Size	22	720	152	17	911
All Fish					
Mean Length	530	567	589	597	571
SE	3	1	2	6	1
Range	479-583	463-672	462-685	497-682	462-685
Sample Size	50	1,683	444	38	2,215

Appendix G.64. Sex composition of the Cape Seniavin to Strogonof Point chum catch by statistical week, 1986.

Statistical Week	Sample			Percent	Percent	Catch		
	Females	Males	Total	Females	Males	Females	Males	Total
26	158	66	224	70.5	29.5	4,119	1,720	5,839
27-28	486	502	988	49.2	50.8	6,442	6,654	13,096
29	200	210	410	48.8	51.2	5,578	5,857	11,435
30-31	458	144	602	76.1	23.9	5,718	1,798	7,516
32-35	96	58	154	62.3	37.7	494	298	792
Total	1,398	980	2,378	57.8	42.2	22,351	16,327	38,678

Appendix H.1. Age composition of the Nelson Lagoon Section chinook catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.1	1.2	1.3	2.2	1.4	1.5	Total
23	60	Percent	0.0	16.7	28.3	1.7	26.7	26.7	100.0
		Numbers	0	50	85	5	80	80	300
		SE	0	15	18	5	17	17	
24	138	Percent	0.0	9.5	24.7	0.0	26.0	39.9	100.0
		Numbers	0	56	146	0	154	236	592
		SE	0	15	22	0	22	25	
25	517	Percent	0.0	26.3	16.3	0.0	22.8	34.6	100.0
		Numbers	0	463	286	0	402	609	1,760
		SE	0	34	29	0	33	37	
26	268	Percent	0.3	20.9	11.6	0.0	33.2	33.9	100.0
		Numbers	4	251	139	0	398	407	1,199
		SE	4	30	23	0	35	35	
27-34	374	Percent	0.5	15.2	10.7	0.0	27.9	45.7	100.0
		Numbers	5	152	107	0	278	456	998
		SE	4	19	16	0	23	26	
Total	1,357	Percent	0.2	20.0	15.7	0.1	27.1	36.9	100.0
		Numbers	9	972	763	5	1,312	1,788	4,849
		SE	6	53	49	5	60	64	

Appendix H.2. Age composition of the Nelson Lagoon Section male chinook catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.1	1.2	1.3	1.4	1.5	Total
23	25	Percent	0.0	23.8	48.4	23.8	4.1	100.0
		Numbers	0	29	59	29	5	122
		SE	0	12	16	12	5	
24	36	Percent	0.0	25.0	27.5	27.5	19.4	99.4
		Numbers	0	40	44	44	31	160
		SE	0	13	13	13	11	
25	212	Percent	0.0	49.1	18.9	14.1	17.9	100.0
		Numbers	0	362	139	104	132	737
		SE	0	31	21	18	20	
26	104	Percent	0.9	44.3	16.3	23.1	15.4	100.0
		Numbers	4	207	76	108	72	467
		SE	4	28	18	21	17	
27-34	154	Percent	1.3	18.1	13.5	26.0	40.8	99.7
		Numbers	5	71	53	102	160	392
		SE	4	13	12	16	19	
Total	531	Percent	0.5	37.8	19.8	20.6	21.3	99.9
		Numbers	9	709	371	387	400	1,878
		SE	6	47	36	37	35	

Appendix H.3. Age composition of the Nelson Lagoon Section female chinook catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.2	1.3	1.4	1.5	Total
23	34	Percent	11.8	14.6	29.2	44.4	100.0
		Numbers	21	26	52	79	178
		SE	10	11	15	17	
24	101	Percent	3.9	23.8	25.7	46.5	100.0
		Numbers	17	103	111	201	432
		SE	8	19	20	24	
25	305	Percent	10.5	14.5	28.8	46.2	100.0
		Numbers	107	148	295	473	1,023
		SE	19	21	29	34	
26	164	Percent	6.1	8.5	39.6	45.8	100.0
		Numbers	45	62	290	335	732
		SE	14	16	31	33	
27-34	220	Percent	13.2	8.6	29.0	49.0	99.8
		Numbers	80	52	176	297	606
		SE	14	12	20	24	
Total	824	Percent	9.1	13.2	31.1	46.6	100.0
		Numbers	270	391	924	1,385	2,971
		SE	30	37	53	61	

Appendix H.4. Length composition of the Nelson Lagoon Section chinook drift gill net and set gill net catch samples by age and sex, statistical weeks 23 through 27, 1986.

	AGE					
	1.1	1.2	1.3	1.4	1.5	Total
Females						
Mean Length	0	531	694	780	842	774
SE	-	4	7	3	3	4
Range	0-0	433-722	501-830	510-896	610-1003	433-1003
Sample Size	0	79	103	251	383	816
Males						
Mean Length	386	521	656	784	873	682
SE	34	3	9	7	5	7
Range	344-454	434-624	476-816	490-942	742-1049	344-1049
Sample Size	3	191	98	108	122	522
All Fish						
Mean Length	386	524	675	781	850	738
SE	34	2	6	3	2	4
Range	344-454	433-722	476-830	490-942	610-1049	344-1049
Sample Size	3	270	201	359	506	1,339

Appendix H.5. Sex composition of the Nelson Lagoon Section chinook catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
23	38	26	64	59.4	40.6	178	122	300
24	116	43	159	73.0	27.0	432	160	592
25	337	243	580	58.1	41.9	1,023	737	1,760
26	179	114	293	61.1	38.9	732	467	1,199
27-34	253	164	417	60.7	39.3	606	392	998
Total	923	590	1,513	61.3	38.7	2,971	1,878	4,849

Appendix H.6. Age composition of the Harbor Point to Cape Seniavin chinook catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.2	1.3	1.4	1.5	2.4	Total
22-23	31	Percent	0.0	22.8	38.6	38.6	0.0	100.0
		Numbers	0	29	49	49	0	127
		SE	0	10	11	11	0	
24	79	Percent	6.2	14.9	34.2	44.1	0.0	99.4
		Numbers	10	24	55	71	0	161
		SE	4	7	9	9	0	
25	54	Percent	24.1	24.1	29.7	22.2	0.0	100.0
		Numbers	77	77	95	71	0	320
		SE	19	19	20	18	0	
26	501	Percent	25.9	27.0	25.1	21.8	0.2	100.0
		Numbers	398	414	386	334	3	1,535
		SE	30	30	30	28	3	
27-37	187	Percent	20.8	32.1	20.3	26.8	0.0	100.0
		Numbers	252	388	246	324	0	1,210
		SE	36	41	36	39	0	
Total	852	Percent	22.0	27.8	24.8	25.3	0.1	100.0
		Numbers	737	932	831	849	3	3,353
		SE	51	56	53	54	3	

Appendix H.7. Age composition of the Harbor Point to Cape Seniavin male chinook catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.2	1.3	1.4	1.5	2.4	Total
22-23	7	Percent	0.0	28.1	15.6	56.3	0.0	100.0
		Numbers	0	9	5	18	0	32
		SE	0	6	4	8	0	
24	18	Percent	28.6	22.9	34.3	17.1	0.0	102.9
		Numbers	10	8	12	6	0	35
		SE	4	4	5	3	0	
25	23	Percent	52.5	17.3	25.9	4.3	0.0	100.0
		Numbers	73	24	36	6	0	139
		SE	18	12	14	6	0	
26	189	Percent	48.7	27.0	15.3	8.5	0.5	100.0
		Numbers	276	153	87	48	3	567
		SE	26	21	16	12	3	
27-37	67	Percent	23.8	23.8	16.3	35.9	0.0	99.8
		Numbers	102	102	70	154	0	429
		SE	25	25	21	30	0	
Total	304	Percent	38.4	24.6	17.5	19.3	0.2	100.0
		Numbers	461	296	210	232	3	1,202
		SE	41	35	30	34	3	

Appendix H.8. Age composition of the Harbor Point to Cape Seniavin female chinook catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.2	1.3	1.4	1.5	Total
22-23	21	Percent	0.0	24.2	37.9	37.9	100.0
		Numbers	0	23	36	36	95
		SE	0	9	10	10	
24	61	Percent	0.0	13.5	34.1	52.4	100.0
		Numbers	0	17	43	66	126
		SE	0	6	8	9	
25	31	Percent	3.3	29.3	32.0	35.4	100.0
		Numbers	6	53	58	64	181
		SE	6	16	17	18	
26	312	Percent	12.2	27.0	31.1	29.9	100.1
		Numbers	118	261	301	289	968
		SE	18	26	27	27	
27-37	120	Percent	19.2	36.6	22.5	21.6	100.0
		Numbers	150	286	176	169	781
		SE	29	38	31	31	
Total	545	Percent	12.7	29.8	28.5	29.0	100.0
		Numbers	274	640	614	624	2,151
		SE	35	50	47	47	

Appendix H.9. Length composition of the Harbor Point to Cape Seniavin chinook drift gill net and set gill net catch samples by age and sex, statistical weeks 23 through 27, 1986.

	AGE				
	1.2	1.3	1.4	1.5	Total
Females					
Mean Length	531	666	788	854	746
SE	6	6	5	4	5
Range	433-746	486-875	488-947	727-998	433-998
Sample Size	62	150	163	170	545
Males					
Mean Length	519	641	773	891	653
SE	3	8	13	9	9
Range	443-606	461-803	498-923	724-1024	443-1024
Sample Size	125	77	53	48	303
All Fish					
Mean Length	523	658	784	862	713
SE	3	5	5	4	5
Range	433-746	461-875	488-947	724-1024	433-1024
Sample Size	187	227	218	218	850

Appendix H.10. Sex composition of the Harbor Point to Cape Seniavin chinook catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
22-23	27	9	36	75.0	25.0	95	32	127
24	68	19	87	78.2	21.8	126	35	161
25	34	26	60	56.7	43.3	181	139	320
26	345	201	546	63.2	36.8	970	565	1,535
27-37	133	73	206	64.6	35.4	781	429	1,210
Total	607	328	935	64.2	35.8	2,153	1,200	3,353

Appendix H.11. Age composition of the Nelson Lagoon Section coho catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.1	2.1	3.1	4.1	Total
30-33	479	Percent	6.1	61.6	32.4	0.0	100.0
		Numbers	480	4,881	2,565	0	7,926
		SE	86	176	170	0	
34	577	Percent	4.9	75.2	19.6	0.3	100.0
		Numbers	1,644	25,488	6,636	117	33,886
		SE	303	610	560	83	
35-36	824	Percent	3.8	68.0	28.3	0.0	100.0
		Numbers	2,162	39,060	16,252	0	57,474
		SE	381	935	902	0	
Total	1,880	Percent	4.3	69.9	25.6	0.1	100.0
		Numbers	4,286	69,429	25,453	117	99,286
		SE	495	1,130	1,076	83	

Appendix H.12. Age composition of the Nelson Lagoon Section male coho catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.1	2.1	3.1	4.1	Total
30-33	261	Percent	5.8	60.5	33.7	0.0	100.0
		Numbers	248	2,610	1,454	0	4,311
		SE	63	170	140	0	
34	311	Percent	6.8	72.3	20.6	0.3	100.0
		Numbers	1,243	13,318	3,788	59	18,408
		SE	265	690	445	59	
35-36	445	Percent	4.3	64.3	31.5	0.0	100.0
		Numbers	1,341	20,182	9,879	0	31,402
		SE	302	956	756	0	
Total	1,017	Percent	5.2	66.7	27.9	0.1	100.0
		Numbers	2,832	36,110	15,121	59	54,121
		SE	407	1,191	888	59	

Appendix H.13. Age composition of the Nelson Lagoon Section female coho catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.1	2.1	3.1	4.1	Total
30-33	217	Percent	6.4	62.7	30.9	0.0	100.0
		Numbers	233	2,266	1,116	0	3,615
		SE	61	164	126	0	
34	266	Percent	2.6	78.6	18.4	0.4	100.0
		Numbers	407	12,161	2,851	58	15,478
		SE	154	677	392	58	
35-36	375	Percent	3.2	72.3	24.5	0.0	100.0
		Numbers	834	18,841	6,396	0	26,072
		SE	240	940	630	0	
Total	858	Percent	3.3	73.7	22.9	0.1	100.0
		Numbers	1,474	33,268	10,363	58	45,165
		SE	291	1,170	753	58	

Appendix H.14. Length composition of the Nelson Lagoon Section coho set gill net and drift gill net catch samples by age and sex, statistical weeks 33 through 35, 1986.

	AGE				
	1.1	2.1	3.1	4.1	Total
Females					
Mean Length	549	584	594	631	585
SE	7	2	3	-	1
Range	464-619	453-676	480-665	631-631	453-676
Sample Size	33	616	208	1	858
Males					
Mean Length	561	591	603	612	593
SE	4	2	2	-	1
Range	483-630	419-704	476-726	612-612	419-726
Sample Size	55	669	292	1	1,017
All Fish					
Mean Length	556	588	599	622	590
SE	4	1	2	10	1
Range	464-630	419-704	476-726	612-631	419-726
Sample Size	88	1,286	500	2	1,876

Appendix H.15. Sex composition of the Nelson Lagoon Section coho catch by statistical week, 1986

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
30-33	239	285	524	45.6	54.4	3,615	4,311	7,926
34	301	358	659	45.7	54.3	15,478	18,408	33,886
35-36	406	489	895	45.4	54.6	26,072	31,402	57,474
Total	946	1,132	2,078	45.5	54.5	45,165	54,121	99,286

Appendix H.16. Age composition of the Harbor Point to Cape Seniavin coho catch by statistical week, 1987.

Statistical Week	Sample Size		AGE 1.1	2.1	3.1	Total
28-37	241	Males				
		Percent	14.5	69.3	16.2	100.0
		Numbers	776	3,703	865	5,344
		SE	126	234	132	
	279	Females				
		Percent	9.7	71.7	18.6	100.0
		Numbers	584	4,328	1,125	6,037
		SE	110	243	149	
	520	All Fish				
		Percent	11.9	70.6	17.5	100.0
		Numbers	1,357	8,032	1,992	11,381
		SE	162	228	190	

Appendix H.17. Length composition of the Harbor Point to Cape Seniavin coho drift gill net and set gill net catch samples by age and sex, statistical week 34, 1986.

	AGE			
	1.1	2.1	3.1	Total
Females				
Mean Length	570	588	598	588
SE	7	3	5	2
Range	491-645	482-659	486-650	482-659
Sample Size	27	200	52	279
Males				
Mean Length	555	598	603	593
SE	8	3	7	3
Range	465-636	472-683	485-662	465-683
Sample Size	35	167	39	241
All Fish				
Mean Length	562	592	600	590
SE	5	2	4	2
Range	465-645	472-683	485-662	465-683
Sample Size	62	367	91	520

Appendix H.18. Sex composition of the Harbor Point to Cape Seniavin coho catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
28-37	331	293	624	53.0	47.0	6,037	5,344	11,381
Total	331	293	624	53.0	47.0	6,037	5,344	11,381

Appendix H.19. Age composition of the Cape Seniavin to Strogonof Point coho catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.1	2.1	3.1	Total
26-36	44	Males				
		Percent	4.6	59.1	36.3	100.0
		Numbers	78	1,010	621	1,709
		SE	59	185	154	
	45	Females				
		Percent	6.7	55.5	37.8	100.0
		Numbers	153	1,272	865	2,290
		SE	82	199	176	
	89	All Fish				
		Percent	5.6	57.3	37.1	100.0
		Numbers	225	2,292	1,483	3,999
		SE	98	211	206	

Appendix H.20. Length composition of the Cape Seniavin to Strogonof Point coho drift gill net and set gill net catch samples by age and sex, statistical week 35, 1986.

	AGE			
	1.1	2.1	3.1	Total
Females				
Mean Length	549	607	620	608
SE	24	5	5	5
Range	520-596	561-654	590-684	520-684
Sample Size	3	25	17	45
Males				
Mean Length	592	608	634	617
SE	71	9	4	6
Range	521-662	537-705	596-659	521-705
Sample Size	2	26	16	44
All Fish				
Mean Length	566	608	627	612
SE	28	5	4	4
Range	520-662	537-705	590-684	520-705
Sample Size	5	51	33	89

Appendix H.21. Sex composition of the Cape Seniavin to Strogonof Point coho catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
26-36	63	47	110	57.3	42.7	2,290	1,709	3,999
Total	63	47	110	57.3	42.7	2,290	1,709	3,999

Appendix H.22. Age composition of the Ilnik Lagoon coho catch by statistical week, 1986.

Statistical Week	Sample Size		AGE 1.1	2.1	3.1	Total
31-35	54	Males				
		Percent	3.7	74.1	22.2	100.0
		Numbers	58	1,160	348	1,566
		SE	41	151	96	
	60	Females				
		Percent	6.7	68.4	25.0	100.0
		Numbers	120	1,231	450	1,801
		SE	59	153	108	
	114	All Fish				
		Percent	5.3	71.0	23.7	100.0
		Numbers	177	2,392	797	3,367
		SE	71	144	135	

Appendix H.23. Length composition of the Ilnik Lagoon coho set gill net catch samples by age and sex, statistical week 35, 1986.

	AGE			
	1.1	2.1	3.1	Total
Females				
Mean Length	602	611	611	610
SE	21	4	9	4
Range	554-646	542-665	565-717	542-717
Sample Size	4	41	15	60
Males				
Mean Length	542	614	612	611
SE	34	5	10	5
Range	508-575	533-671	541-662	508-671
Sample Size	2	40	12	54
All Fish				
Mean Length	582	612	612	610
SE	20	3	7	3
Range	508-646	533-671	541-717	508-717
Sample Size	6	81	27	114

Appendix H.24. Sex composition of the Ilnik Lagoon coho catch by statistical week, 1986.

Statistical Week	Sample			Catch				
	Females	Males	Total	Percent Females	Percent Males	Females	Males	Total
31-35	69	60	129	53.5	46.5	1,801	1,566	3,367
Total	69	60	129	53.5	46.5	1,801	1,566	3,367

Appendix I.1. Bear River age composition of sockeye salmon smolt outmigration by statistical week, 1972 and 1986.

Year	Statistical Week	Sample Size	Age Composition Percent 0	1	2	3	Total
1972							
	24	60	0.0	11.7	88.3	0.0	100.0
	25	89	0.0	10.1	89.9	0.0	100.0
	26	19	0.0	0.0	100.0	0.0	100.0
	Total	168	0.0	9.5	90.5	0.0	100.0
1986							
	22	4	0.0	0.0	100.0	0.0	100.0
	23	30	0.0	0.0	96.7	3.3	100.0
	24	198	0.0	1.0	95.5	3.5	100.0
	26	200	0.0	0.5	96.0	3.5	100.0
	27	200	0.0	0.5	94.0	5.5	100.0
	28	200	0.0	2.0	97.0	1.0	100.0
	29	184	2.2	6.0	91.8	0.0	100.0
	Total	1,016	0.4	1.9	95.0	2.8	100.0

Appendix I.2. Bear River sockeye salmon smolt outmigrating age composition by statistical week, presenting sample size, length (mm), weight (g), and condition factor, 1986.

		Length			Weight			Condition			
Age	Stat Week	Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error	Parent Escapement
0	29	4	51.3	3.6	4	1.4	0.2	4	1.0	0.1	1986
											273,374
	Total	4	51.3	3.6	4	1.4	0.2	4	1.0	0.1	
1	24	2	63.5	5.5	2	1.8	0.2	2	0.7	0.1	1985
1	26	1	94.0	0.0	1	8.3	0.0	1	1.0	0.0	436,212
1	27	1	91.0	0.0	1	7.0	0.0	1	0.9	0.0	
1	28	4	91.3	1.9	4	7.8	0.6	4	1.0	0.0	
1	29	11	85.4	2.9	11	6.5	0.6	11	1.0	0.0	
	Total	19	85.1	2.5	19	6.4	0.5	19	1.0	0.0	
2	22	4	99.5	2.7	4	8.9	1.2	4	0.9	0.1	1984
2	23	29	92.0	1.6	29	7.0	0.4	29	0.9	0.0	395,000
2	24	187	99.1	0.6	188	9.1	0.2	187	0.9	0.0	
2	26	192	98.5	0.4	190	9.6	0.1	190	1.0	0.0	
2	27	188	101.1	0.4	187	10.3	0.1	187	1.0	0.0	
2	28	194	94.5	0.5	193	8.7	0.1	193	1.0	0.0	
2	29	169	91.7	0.5	169	8.1	0.1	169	1.0	0.0	
	Total	963	96.9	0.2	960	9.1	0.1	959	1.0	0.0	
3	23	1	103.0	0.0	1	9.9	0.0	1	0.9	0.0	1983
3	24	7	108.0	1.0	7	11.4	0.3	7	0.9	0.0	330,000
3	26	7	102.1	2.6	7	10.7	0.9	7	1.0	0.0	
3	27	10	105.0	1.6	11	11.3	0.4	10	1.0	0.0	
3	28	2	103.0	2.0	2	10.9	0.3	2	1.0	0.0	
	Total	27	104.8	1.0	28	11.1	0.3	27	1.0	0.0	

Appendix I.3. Bear River sockeye salmon smolt outmigrating age composition by statistical week, presenting sample size, length (mm), weight (g), and condition factor, 1972.

		Length			Weight			Condition			
Age	Stat Week	Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error	Sample Size	Mean	Standard Error	Parent Escapement
1	24	7	88.0	3.9	7	6.9	0.9	7	1.0	0.0	1971
1	25	9	89.4	1.7	9	7.3	0.4	9	1.0	0.0	251,000
	Total	16	88.8	1.9	16	7.1	0.5	16	1.0	0.0	
2	24	53	95.7	0.8	53	8.8	0.2	53	1.0	0.0	1970
2	25	80	89.1	0.7	80	7.8	0.2	80	1.1	0.0	127,000
2	26	19	90.7	1.1	19	8.3	0.3	19	1.1	0.0	
	Total	152	91.6	0.5	152	8.2	0.1	152	1.1	0.0	

Appendix J.1. Salmon escapement survey counts in the South Peninsula Management Area, 1986.

Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species Chinook	Species Sockeye	Species Pink	Species Chum	Species Coho	Observer	Remarks
SOUTHEASTERN DISTRICT											
281-35.07	Boulder Bay	245	02-Sep	-	0	0	5	0	0	Schwarz	
281-35.06	Boulder Bay	245	02-Sep	-	0	0	470	0	0	Schwarz	
281-35.05	Fox Bay	245	02-Sep	-	0	0	625	0	0	Schwarz	
281-35.04	Fox Bay	245	02-Sep	-	0	0	500	0	0	Schwarz	
281-35.02	Fox Bay	219	07-Aug	-	0	0	0	0	0	Shaul	Nothing in stream, 1,000 pinks along beach in the bay
		245	02-Sep	-	0	0	6,400	0	0	Schwarz	Good escapement
281-34.08	Island Bay	245	02-Sep	-	0	0	275	0	0	Schwarz	
281-34.07	Island Bay	245	02-Sep	-	0	0	310	0	0	Schwarz	
281-34.06	Island Bay	219	07-Aug	-	0	0	0	0	0	Shaul	Nothing in stream, 5,000 pinks along beach in the bay
		245	02-Sep	-	0	0	4,350	0	0	Schwarz	Additional 2,000 pinks in lagoon, 2,000 pinks along beach in the bay
281-34.05	Island Bay	219	07-Aug	-	0	0	0	0	0	Shaul	Nothing in stream, 5,000 pinks along beach in the bay
		245	02-Sep	-	0	0	6,700	0	0	Schwarz	Additional 2,000 pinks in lagoon, 2,000 pinks along beach in the bay
281-34.03	Stonehouse Creek	219	07-Aug	-	0	0	100	0	0	Shaul	Additional 5,000 pinks at stream mouth
		231	19-Aug	-	0	0	1,000	0	0	Shaul	Additional 14,000 pinks at stream mouth
		245	02-Sep	-	0	0	10,500	0	0	Schwarz	
281-34.02	Osterback Creek	219	07-Aug	-	0	0	300	0	0	Shaul	Additional 3,000 pinks at stream mouth
		231	19-Aug	-	0	0	2,000	0	0	Shaul	Additional 6,000 pinks at stream mouth, fish still moving in along beach
		245	02-Sep	-	0	0	5,000	0	0	Schwarz	Difficult to see because bottom of stream is dark
281-34.01	Grandville-Portage Inlet	231	19-Aug	-	0	0	0	400	0	Shaul	Additional 3,000 chums at lagoon mouth, 6,000 chums in the bay
		245	02-Sep	-	0	0	650	3,000	0	Schwarz	
281-33.05	Stepovak River	245	02-Sep	-	0	0	0	32,900	0	Schwarz	
281-33.04	Big River	245	02-Sep	Poor	0	0	0	850	0	Schwarz	
281-33.03	Louie's Corner	231	19-Aug	-	0	0	0	600	0	Shaul	Partial survey, clear tributary only
		245	02-Sep	-	0	0	0	2,600	0	Schwarz	

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species: Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
281-33.01	Ramsey Bay	231	19-Aug	Excellent	0	0	1,000	1,000	0	Shaul	Additional 3,000 chums at mouth of 281-33.01, estimated 60-70,000 chums along beach from Rockwall to Grandville; 35-40,000 were near Stepovak River
		245	02-Sep		0	0	0	2,500	0	Schwarz	
281-32.07	Grub Gulch	215	03-Aug	Poor	0	0	0	25	0	Schwarz	Murky water
		219	07-Aug	-	0	0	900	3,500	0	Shaul	
		231	19-Aug	-	0	0	4,600	2,900	0	Shaul	4-5,000 chums along beach in the bay
		240	28-Aug	Poor	0	0	7,500	3,000	0	Schwarz	
		245	02-Sep	-	0	0	4,650	8,000	0	Schwarz	
281-32.05	Clark Bay	215	03-Aug	Poor	0	0	0	0	0	Schwarz	
		217	05-Aug	-	0	0	0	100	0	Schwarz	
		239	27-Aug	Fair	0	0	6,750	2,250	0	Schwarz	
		245	02-Sep	-	0	0	900	5,000	0	Schwarz	Additional 500 chums at stream mouth
281-32.04	Little Norway	215	03-Aug	Poor	0	0	25	115	0	Schwarz	
		219	07-Aug	-	0	200	200	0	0	Shaul	Excellent water flow
		239	27-Aug	-	0	10	12,000	3,000	0	Schwarz	
		245	02-Sep	-	0	0	8,900	0	0	Schwarz	
281-31.03	Orzinski (Orzenoi)	183	02-Jul	Excellent	0	0	0	0	0	Shaul	Additional 200 sockeyes at stream mouth
		190	09-Jul	Fair	0	0	0	0	0	Schwarz	Jumpers off stream mouth
		205	24-Jul	Poor	0	700	0	0	0	Schwarz	Probably more fish
		215	03-Aug	Poor	0	3,500	75	0	0	Schwarz	
		217	05-Aug	Good	0	7,575	0	0	0	Schwarz	
		219	07-Aug	Poor	0	4,800	500	0	0	Shaul	Pinks and 200 sockeyes in outlet, 1,600 sockeyes spawning
		231	19-Aug	-	0	10,300	3,700	0	0	Shaul	Pinks mostly spawning in outlet, sockeye in lake, 1/2 spawning
		239	27-Aug	-	0	6,360	11,400	0	0	Schwarz	Additional 175 pinks in Feeder Creek, sockeyes were all in lake
281-20.04	Windbound Bay	215	03-Aug	-	0	0	0	0	0	Schwarz	
		239	27-Aug	-	0	0	2,500	0	0	Schwarz	
281-20.03	Chichagof	205	24-Jul	-	0	0	0	1,000	0	Schwarz	
		215	03-Aug	Poor	0	0	500	0	0	Schwarz	
		231	19-Aug	-	0	0	300	700	0	Shaul	
		239	27-Aug	-	0	0	1,300	1,000	0	Schwarz	
281-20.02	Chichagof	215	03-Aug	Poor	0	0	0	450	0	Schwarz	
		217	05-Aug	-	0	0	0	500	0	Schwarz	Additional 1,300 chums in lagoon, 2,000 chums and 900 pinks in outlet
		231	19-Aug	-	0	0	2,800	300	0	Shaul	Additonal 4,000 chums and 1,000 pinks in lagoon, 3,000 chums at mouth of lagoon
		239	27-Aug	-	0	0	4,000	600	0	Schwarz	
281-20.01	Chichagof	215	03-Aug	Poor	0	0	0	0	0	Schwarz	Muddy water

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
		217	05-Aug	-	0	0	0	0	0	Schwarz	
		231	19-Aug	-	0	0	1,700	200	0	Shaul	Additional 2,000 chums at stream mouth
		239	27-Aug	-	0	0	1,000	400	0	Schwarz	
281-10.04	West Cove	219	07-Aug	Poor	0	0	0	0	0	Schwarz	
		239	27-Aug	-	0	0	250	0	0	Schwarz	
281-10.03	Suzy Creek	215	03-Aug	Poor	0	0	3,500	0	0	Schwarz	
		217	05-Aug	-	0	0	42,000	0	0	Schwarz	Additional 500 pinks at stream mouth
		219	07-Aug	-	0	0	23,000	0	0	Shaul	Additional 5,000 pinks at stream mouth, partial survey of lower 1/2 of stream
		231	19-Aug	-	0	0	84,000	0	0	Shaul	Additional 1,000 pinks at stream mouth
		239	27-Aug	-	0	0	0	0	0	Schwarz	Partial survey, 80% carcasses
281-10.02	Dorenoi Bay	217	05-Aug	-	0	0	0	0	0	Schwarz	
		231	19-Aug	-	0	0	300	200	0	Shaul	Additional 200 pinks at stream mouth
		239	27-Aug	-	0	0	1,600	0	0	Schwarz	
281-10.01	Dorenoi Bay	217	05-Aug	-	0	0	0	950	0	Schwarz	Additional 200 chums at stream mouth
		231	19-Aug	-	0	0	3,500	1,200	0	Shaul	Additional 3,000 pinks at stream mouth
		239	27-Aug	-	0	0	6,000	2,000	0	Schwarz	
283-90.04	San Diego	217	05-Aug	-	0	0	0	5	0	Schwarz	
		231	19-Aug	-	0	0	0	0	0	Shaul	Additional 10,000 chums in lagoon, several small schools along the beach
		239	27-Aug	Poor	0	0	0	1,100	0	Schwarz	Additional 2,600 chums in lagoon
283-90.03	San Diego	231	19-Aug	-	0	0	0	50	0	Shaul	
		239	27-Aug	Poor	0	0	0	75	0	Schwarz	
283-90.	San Diego (Lagoon Only)	217	05-Aug	-	0	0	0	1,250	0	Schwarz	
		231	19-Aug	-	0	0	0	10,000	0	Shaul	
		239	27-Aug	Poor	0	0	0	2,600	0	Schwarz	
283-90.02	Rough Beach	215	03-Aug	-	0	0	0	0	0	Schwarz	
		217	05-Aug	-	0	0	910	0	0	Schwarz	
		219	07-Aug	-	0	0	6,500	0	0	Shaul	
		231	19-Aug	-	0	0	28,000	0	0	Shaul	20,000 were in lower 1/2 mile, good escapement
		239	27-Aug	-	0	0	11,300	0	0	Schwarz	Additional 1,000 carcasses
283-90.01	Swedania Point	215	03-Aug	Poor	0	0	2,230	0	0	Schwarz	
		217	05-Aug	-	0	0	6,285	0	0	Schwarz	Just starting up creek
		219	07-Aug	-	0	0	3,100	0	0	Shaul	
		231	19-Aug	-	0	0	19,300	0	0	Shaul	Good escapement
		239	27-Aug	-	0	0	46,200	0	0	Schwarz	Excellent escapement

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Appendix J.1. (p 4 of 15)

Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species Chinook	Species Sockeye	Species Pink	Species Chum	Species Coho	Observer	Remarks
283-80.16	Ballast Island	245	02-Sep	-	0	0	0	0	0	Schwarz	
283-80.15	Coleman Creek	231	19-Aug	-	0	0	100	100	0	Shaul	Additional 6,000 chums on flats and 4,000 chums at stream mouth
		245	02-Sep	-	0	0	0	14,300	0	Schwarz	Additional 4,000 chums on flats
283-80.14	Johnson Creek	231	19-Aug	-	0	0	600	500	0	Shaul	Additional 4,000 chums at stream mouth
		245	02-Sep	-	0	0	2,600	6,000	0	Schwarz	Good escapement
283-80.12	Unnamed	245	02-Sep	-	0	0	450	0	0	Schwarz	
283-80.11	Monolith Point	231	19-Aug	-	0	0	100	0	0	Shaul	Additional 3,000 pinks at stream mouth
		245	02-Sep	-	0	0	1,350	0	0	Schwarz	
283-80.09	Foster Creek	217	05-Aug	-	0	0	0	2,250	0	Schwarz	Additional 5,125 chums on flats between Lefthand & Foster's and 225 chums at stream mouth
		219	07-Aug	-	0	0	400	500	0	Shaul	
		239	27-Aug	Fair	0	0	0	0	0	Schwarz	Additional 8,800 pinks and chums
		245	02-Sep	-	0	0	10,000	2,600	0	Schwarz	
283-80.08	Lefthand Bay	217	05-Aug	Fair	0	0	0	125	0	Schwarz	
		222	10-Aug	-	0	0	1,200	1,400	0	Shaul	
		239	27-Aug	Poor	0	0	0	0	0	Schwarz	Too muddy for count, but appears to be lots of fish
		245	02-Sep	-	0	0	13,500	4,500	0	Schwarz	
283-80.06	Cape Aliaksin	217	05-Aug	-	0	0	550	0	0	Schwarz	Additional 650 pinks at stream mouth
		239	27-Aug	-	0	0	2,400	0	0	Schwarz	
283-80.05	Cape Aliaksin	217	05-Aug	-	0	0	450	0	0	Schwarz	Additional 1,000 pinks at stream mouth
		239	27-Aug	-	0	0	1,300	0	0	Schwarz	
283-80.04	Cape Aliaksin	217	05-Aug	-	0	0	1,700	0	0	Schwarz	Additional 200 pinks at stream mouth
		239	27-Aug	-	0	0	5,250	0	0	Schwarz	Additional 1,000 carcasses
282-13.04	Pinnacle Point	217	05-Aug	-	0	0	10,000	0	0	Schwarz	
		240	28-Aug	-	0	0	5,225	0	0	Schwarz	
282-13.03	Bay Point	205	24-Jul	-	0	0	0	725	0	Schwarz	
		217	05-Aug	-	0	0	36,550	0	0	Schwarz	
		232	20-Aug	-	0	0	11,600	400	0	Shaul	Chums in lagoon
		240	28-Aug	-	0	0	15,350	0	0	Schwarz	Good escapement
282-13.02	Dry Lagoon	205	24-Jul	-	0	0	7,300	0	0	Schwarz	Fish schooled

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Appendix J.1. (p 5 of 15)

Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species Chinook	Species Sockeye	Species Pink	Species Chum	Species Coho	Observer	Remarks
		217	05-Aug	-	0	0	42,425	0	0	Schwarz	
		232	20-Aug	-	0	0	14,700	0	0	Shaul	12,000 were schooled
		240	28-Aug	Fair	0	0	4,050	0	0	Schwarz	
282-12.01	Coal Harbor	217	05-Aug	-	0	0	0	0	0	Schwarz	
		240	28-Aug	-	0	0	20	0	0	Schwarz	
282-12.02	Zachary Bay	205	24-Jul	-	0	0	0	55	0	Schwarz	
		217	05-Aug	-	0	0	0	0	0	Schwarz	
		240	28-Aug	-	0	0	20	0	0	Schwarz	
282-12.03	Zachary Bay	205	24-Jul	-	0	0	0	0	0	Schwarz	
		217	05-Aug	-	0	0	0	0	0	Schwarz	
		240	28-Aug	-	0	0	220	0	0	Schwarz	
282-12.04	Zachary Bay	205	24-Jul	-	0	0	0	15	0	Schwarz	
		217	05-Aug	-	0	0	0	30	0	Schwarz	Additional 8,050 pinks off Zachary Bay streams
		240	28-Aug	-	0	0	15	0	0	Schwarz	
282-12.05	Zachary Bay	205	24-Jul	-	0	0	0	475	0	Schwarz	Additional 270 chums carcasses
		217	05-Aug	-	0	0	0	330	0	Schwarz	
		240	28-Aug	-	0	0	1,650	0	0	Schwarz	
282-12.06	Zachary Bay	205	24-Jul	-	0	0	0	0	0	Schwarz	
		217	05-Aug	-	0	0	0	0	0	Schwarz	
		240	28-Aug	-	0	0	0	0	0	Schwarz	
282-12.07	Zachary Bay	205	24-Jul	-	0	0	0	0	0	Schwarz	
		217	05-Aug	-	0	0	0	0	0	Schwarz	
		240	28-Aug	-	0	0	325	0	0	Schwarz	
282-12.08	Zachary Bay	205	24-Jul	-	0	0	0	15	0	Schwarz	
282-12.09	Zachary Bay	205	24-Jul	-	0	0	0	0	0	Schwarz	Additional 125 chums at stream mouth
282-10.16	Ben Green Bight	217	05-Aug	-	0	0	9,000	0	0	Schwarz	
		219	07-Aug	-	0	0	3,800	0	0	Shaul	
		232	20-Aug	-	0	0	3,000	0	0	Shaul	Poor escapement
		240	28-Aug	-	0	0	9,250	0	0	Schwarz	Good escapement
282-10.15	Squaw Harbor	217	05-Aug	-	0	0	3,725	0	0	Schwarz	
		219	07-Aug	-	0	0	2,600	0	0	Shaul	
		232	20-Aug	-	0	0	20,500	0	0	Shaul	8,000 pinks along the beach in the bay

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species: Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
		240	28-Aug	-	0	0	21,550	0	0	Schwarz	Good escapement
282-10.14	Squaw Harbor	217	05-Aug	-	0	0	0	0	0	Schwarz	
		232	20-Aug	-	0	0	200	0	0	Shaul	
		240	28-Aug	-	0	0	2,700	0	0	Schwarz	Good escapement
282-10.13	Baralof Lagoon	232	20-Aug	-	0	0	0	0	0	Shaul	Fish could get in at high tide
		240	28-Aug	-	0	0	0	0	0	Schwarz	Lagoon may be blocked
282-10.12	Unga Cape Stream	240	28-Aug	-	0	0	0	0	0	Schwarz	
282-10.11	Delarof Harbor	217	05-Aug	-	0	0	450	0	0	Schwarz	
		232	20-Aug	-	0	0	2,200	0	0	Shaul	
		240	28-Aug	-	0	0	2,700	0	0	Schwarz	
282-10.04	Acheredin Lake System	199	18-Jul	Good	0	4,820	0	0	0	Schwarz	Additional 50 sockeyes at stream mouth
		202	21-Jul	Poor	0	2,680	0	0	0	Schwarz	
		217	05-Aug	Good	0	6,775	0	0	0	Schwarz	
282-10.03	Apollo Creek	217	05-Aug	-	0	0	850	0	0	Schwarz	
		240	28-Aug	-	0	0	2,750	0	0	Schwarz	Poor escapement
282-10.02	Acheredin Bay	217	05-Aug	-	0	0	3,550	0	0	Schwarz	
		240	28-Aug	-	0	0	2,550	0	0	Schwarz	Poor escapement
282-11.03	Little Harbor	232	20-Aug	-	0	0	100	0	0	Shaul	Additional 4,000 pinks at stream mouth
SOUTHCENTRAL DISTRICT											
283-70.05	Beaver River	216	04-Aug	Poor	0	0	0	0	0	Schwarz	
		231	19-Aug	-	0	0	2,200	9,900	0	Shaul	
		240	28-Aug	Poor	0	0	0	0	0	Schwarz	
		245	02-Sep	-	0	0	4,800	2,000	0	Schwarz	
283-70.04	Smiley's Creek	216	04-Aug	-	0	0	3,100	0	0	Schwarz	
		232	20-Aug	-	0	0	2,400	0	0	Shaul	
		240	28-Aug	-	0	0	1,450	0	0	Shaul	Poor escapement
283-70.03	McGinty Point	216	04-Aug	-	0	0	2,400	0	0	Schwarz	
		232	20-Aug	-	0	0	3,500	0	0	Shaul	Additional 100 pinks at stream mouth, poor escapement
		240	28-Aug	-	0	0	5,200	0	0	Schwarz	

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species: Chinook	Species: Sockeye	Species: Pink	Species: Chum	Species: Coho	Observer	Remarks
283-70.02	East of Mino Creek	219	07-Aug	-	0	0	9,000	0	0	Schwarz	
		232	20-Aug	-	0	0	14,800	0	0	Shaul	Poor escapement
		240	28-Aug	-	0	0	5,500	0	0	Schwarz	
283-70.01	Mino Creek	188	07-Jul	-	0	0	500	0	0	Shaul	
		193	12-Jul	-	0	0	3,000	0	0	Shaul	
		199	18-Jul	-	0	0	5,365	0	0	Schwarz	
		204	23-Jul	-	0	0	11,225	0	0	Schwarz	
		217	05-Aug	-	0	0	97,550	0	0	Schwarz	
		219	07-Aug	-	0	0	90,000	0	0	Shaul	74,000 below E. tributary
		222	10-Aug	-	0	0	78,400	0	0	Shaul	
		232	20-Aug	-	0	60	94,100	0	0	Shaul	20 sockeyes in F lake, 40 sockeyes in D, 70,000 pinks below forks. poor escapement in tributaries, good escapement in main stream
		240	28-Aug	-	0	0	57,700	0	0	Schwarz	Lots of fish in lower river
283-62.05	Coal Bay	188	07-Jul	-	0	0	0	0	0	Shaul	
		193	12-Jul	-	0	0	100	0	0	Shaul	
		217	05-Aug	-	0	0	47,200	0	0	Schwarz	
		219	07-Aug	-	0	0	23,400	0	0	Shaul	Very few fish in upper portion
		222	10-Aug	-	0	0	15,600	0	0	Shaul	Partial survey, did not survey into canyon
		232	20-Aug	-	0	0	52,000	0	0	Shaul	Additional 5,000 pinks at stream mouth, good escapement, could hold more
		240	28-Aug	-	0	0	30,900	0	0	Schwarz	Lots of carcasses
283-62.04	Coal Bay	188	07-Jul	-	0	0	0	0	0	Shaul	
		216	04-Aug	-	0	0	3,387	0	0	Schwarz	
		219	07-Aug	-	0	0	6,900	0	0	Shaul	
		222	10-Aug	-	0	0	8,200	0	0	Shaul	Good escapement to date
		232	20-Aug	-	0	0	9,500	0	0	Shaul	
		240	28-Aug	-	0	0	2,200	0	0	Schwarz	Poor escapement
283-62.03	Coal Bay	217	05-Aug	-	0	0	0	0	0	Schwarz	
		232	20-Aug		0	0	400	0	0	Shaul	
283-62.02	Coal Bay	232	20-Aug	-	0	0	600	0	0	Shaul	Additional 200 pinks at stream mouth
283-62.01	Cape Tolstoi	232	20-Aug	-	0	0	0	0	0		Additional 1,500 pinks at stream mouth, high altitude survey
283-63.16	Settlement Point	188	07-Jul	-	0	0	200	0	0	Shaul	
		193	12-Jul	-	0	0	1,200	0	0	Shaul	Additional 500 pinks at stream mouth
		198	17-Jul	-	0	0	6,500	0	0	Nicholson	
		201	20-Jul	-	0	0	17,000	0	0	Shaul	5,000 were above forks
		204	23-Jul	-	0	0	22,125	0	0	Schwarz	Fish all the way up to head waters
		209	28-Jul	-	0	0	71,400	0	0	Shaul	

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species: Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
		211	30-Jul	-	0	0	24,000	0	0	Shaul	Partial survey, very few in lower 2 miles, good escapement
		217	05-Aug	-	0	0	90,800	0	0	Schwarz	
		219	07-Aug	-	0	0	102,000	0	0	Shaul	Additional 2,000 pinks at stream mouth, good escapement, 5,000 were in fork, 67,000 below forks
		222	10-Aug	-	0	0	92,000	0	0	Shaul	Partial survey, did not survey fork, 25,000 in lower 2 miles
		229	17-Aug	-	0	0	190,000	0	0	Shaul	Additional 1,000 pinks at stream mouth, good escapement
		240	28-Aug	-	0	0	58,900	0	0	Schwarz	Mostly in lower river, lots of carcasses
283-63.15	Middle Creek	188	07-Jul	-	0	0	200	0	0	Shaul	
		198	17-Jul	-	0	0	1,400	0	0	Nicholson	
		201	20-Jul	-	0	0	7,000	0	0	Shaul	
		204	23-Jul	Poor	0	0	2,175	0	0	Schwarz	
		209	28-Jul	-	0	0	29,500	0	0	Shaul	
		211	30-Jul	-	0	0	62,000	0	0	Shaul	Partial survey, did not survey right fork
		217	05-Aug	-	0	0	26,400	0	0	Schwarz	
		219	07-Aug	-	0	0	38,500	0	0	Shaul	Additional 500 pinks at mouth, good escapement, 4,500 in fork, skiff tracks at mouth
		222	10-Aug	-	0	0	58,000	0	0	Shaul	Good escapement, 7,000 in fork
		232	20-Aug	-	0	0	107,000	0	0	Shaul	Additional 1,000 pinks at stream mouth, excellent escapement
		240	28-Aug	-	0	0	17,100	0	0	Schwarz	Lots of carcasses
283-64.10	Ness Creek	216	04-Aug	-	0	0	50	0	0	Schwarz	Additional 300 pinks at stream mouth
		240	28-Aug	-	0	0	2,200	0	0	Schwarz	
283-64.08	Entrance Creek	217	05-Aug	-	0	0	7,150	0	0	Schwarz	
		222	10-Aug	-	0	0	7,500	0	0	Shaul	Additional 6,000 pinks at stream mouth
		240	28-Aug	-	0	0	13,150	0	0	Schwarz	Good escapement, additional 13,000 pinks carcasses
283-64.06	Canoe Bay River	188	07-Jul	-	0	0	0	600	0	Shaul	Additional 1,500 chums at mouth, some of the 600 chums in stream may have been sockeyes, good escapement
		191	10-Jul	Excellent	0	0	0	1,150	0	Schwarz	Additional 3,400 chums at stream mouth
		193	12-Jul	-	0	0	0	1,100	0	Shaul	Additional 4,000 chums at stream mouth and 2,000 chums in inner bay
		198	17-Jul	-	0	0	0	800	0	Nicholson	
		199	18-Jul	Good	0	0	0	6,300	0	Schwarz	
		201	20-Jul	-	0	0	0	14,000	0	Shaul	Lots of jumpers off mouth. bay choppy
		204	23-Jul	Poor	0	0	0	0	0	Schwarz	
		209	28-Jul	-	0	500	0	20,600	0	Shaul	Additional 12,000 chums at stream mouth, 23,000 chums in inner bay
		217	05-Aug	Fair	0	50	0	54,500	0	Shaul	Additional 28,000 chums and 28,000 pinks in inner bay
		222	10-Aug	-	0	1,800	0	34,600	0	Shaul	Additional 500 chums at stream mouth
		231	19-Aug	-	0	2,700	5,000	54,200	0	Shaul	
283-64.05	Bluff Point Creek	217	05-Aug	-	0	0	2,000	12,000	0	Schwarz	
		222	10-Aug	Poor	0	0	12,000	0	0	Shaul	Some may have been chums

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
		240	28-Aug	Fair	0	0	5,100	2,000	0	Schwarz	Additional 7,000+ carcasses
283-63.13	Ruby's Lagoon (Jackson's Lagooon)	233	21-Aug	-	0	0	0	8,000	0	Shaul	All fish in the lagoon
283-63.10	Chinaman Lagoon Center	233	21-Aug	Poor	0	0	0	9,000	0	Shaul	Rough estimate, all fish in the lagoon
283-63.04	Unnamed	233	21-Aug	-	0	0	1,700	800	0	Shaul	Chums in lower end of stream
283-61.04	Long John Lagoon	217	05-Aug	-	0	1,500	0	0	0	Shaul	Spawning
		244	01-Sep	-	0	0	0	0	0	Shaul	
283-61.03	Long John Lagoon	244	01-Sep	-	0	0	300	100	0	Shaul	
283-61.02	Long John Lagoon	217	05-Aug	Poor	0	0	0	300	0	Shaul	At least 3-400 additional chums in pothole, high tide
		222	10-Aug	-	0	0	200	500	0	Shaul	At least 3,000 additional chums in lagoon
		244	01-Sep	-	0	0	1,500	1,200	0	Shaul	4,000 chums in pothole
SOUTHWESTERN DISTRICT											
283-52.10	Dushkin Lagoon	244	01-Sep	-	0	0	0	0	0	Shaul	Additional 4,000 chums in lagoon, partial survey, did not survey stream
283-52.08	Volcano River	217	05-Aug	-	0	0	800	300	0	Shaul	Additional 2,000 fish on flats, most near 52.06
		222	10-Aug	-	0	0	1,400	500	0	Shaul	
		230	18-Aug	-	0	0	3,400	1,000	0	Shaul	
		244	01-Sep	-	0	0	1,300	17,000	0	Shaul	Additional 11,000 chums at lagoon mouth
283-52.07	Volcano Center Sloughs	217	05-Aug	-	0	0	0	0	0	Shaul	
		222	10-Aug	-	0	0	500	300	0	Shaul	Additional 2,000 fish on flats
		230	18-Aug	-	0	0	1,200	800	0	Shaul	Additional 3,000 fish on flats
		244	01-Sep	-	0	0	3,000	3,000	0	Shaul	Additional 36,000 chums at lagoon mouth
283-52.06	West Springholes	217	05-Aug	-	0	0	600	0	0	Shaul	Additional 2,000 fish on flats
		222	10-Aug	-	0	0	600	100	0	Shaul	Additional 3,000 fish on flats
		230	18-Aug	-	0	0	1,200	400	0	Shaul	Additional 4,000 fish on flats
		244	01-Sep	-	0	0	13,000	0	0	Shaul	Additional 20,000 pinks at stream mouth, looking much better
283-52.05	Streamguard Creek	244	01-Sep	-	0	0	900	200	0	Shaul	Additional 1,000 pinks at stream mouth
283-52.04	Stub Creek	222	10-Aug	-	0	0	0	0	0	Shaul	Additional 1,000 pinks at stream mouth

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
		230	18-Aug	-	0	0	0	0	0	Shaul	Additional 1,000 pinks at stream mouth
		244	01-Sep	-	0	0	3,500	0	0	Shaul	Additional 4,000 pinks at stream mouth
283-52.03	Little Bear Bay	244	01-Sep	-	0	0	2,200	0	0	Shaul	Additional 15,000 pinks and 10,000 chums in inner bay, species identification in bay very rough
283-52.01	Nikolaski Spit	217	05-Aug	-	0	0	300	0	0	Shaul	Additional 300 pinks at stream mouth
		222	10-Aug	-	0	0	1,500	0	0	Shaul	
		230	18-Aug	-	0	0	1,400	0	0	Shaul	
		244	01-Sep	-	0	0	6,000	0	0	Shaul	
283-51.06	Dolgoi Harbor Southwest	222	10-Aug	-	0	0	500	0	0	Shaul	Additional 400 pinks at stream mouth
		230	18-Aug	-	0	0	1,200	0	0	Shaul	Additional 2,000 pinks at stream mouth
		244	01-Sep	-	0	0	3,800	0	0	Shaul	Good escapement
283-51.05	Dolgoi Harbor South	244	01-Sep	-	0	0	300	0	0	Shaul	
283-51.03	Dolgoi Harbor	244	01-Sep	-	0	0	200	0	0	Shaul	
283-41.01	Belkofski Village	217	05-Aug	-	0	0	21,000	0	0	Shaul	
		222	10-Aug	-	0	0	14,300	0	0	Shaul	
		230	18-Aug	-	0	0	28,700	400	0	Shaul	Additional 300 pinks at stream mouth
		244	01-Sep	-	0	0	15,000	0	0	Shaul	
283-42.12	Rocky River	217	05-Aug	-	0	0	700	0	0	Shaul	Additional 1,000 pinks at mouth, skiff tracks at river mouth, poor escapement
		222	10-Aug	-	0	0	1,200	0	0	Shaul	
		230	18-Aug	-	0	0	3,600	0	0	Shaul	Additional 6,000 pinks at stream mouth, poor escapement
		244	01-Sep	-	0	0	13,500	0	0	Shaul	Additional 2,000 pinks at stream mouth, fair escapement
283-42.10	Kitchen Anchorage	217	05-Aug	-	0	0	100	0	0	Shaul	Additional 100 pinks at stream mouth
		222	10-Aug	-	0	0	100	0	0	Shaul	
		230	18-Aug	-	0	0	0	0	0	Shaul	Additional 1,000 pinks at stream mouth, extensive red tide in Belkofski Bay
		244	01-Sep	-	0	0	8,000	0	0	Shaul	Additional 10,000 pinks at stream mouth
283-42.09	Captain's Harbor	217	05-Aug	-	0	0	0	0	0	Shaul	Lots of jumpers in the bay, chums in outer harbor
		222	10-Aug	-	0	0	50	0	0	Shaul	
		230	18-Aug	-	0	0	200	0	0	Shaul	
		244	01-Sep	-	0	0	3,000	0	0	Shaul	Additional 4,000 pinks at stream mouth
283-42.07	Belkofski Bay River	217	05-Aug	-	0	0	0	2,000	0	Shaul	800 above cabin
		222	10-Aug	-	0	0	800	1,000	0	Shaul	

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species Chinook	Species Sockeye	Species Pink	Species Chum	Species Coho	Observer	Remarks
		230	18-Aug	-	0	0	400	4,200	0	Shaul	Additional 18,000 in Captain's Harbor, mostly chums
		244	01-Sep	-	0	0	800	42,000	0	Shaul	Additional 15,000 chums at mouth, excellent chum escapement, poor pink escapement
283-42.06	Belkofski Bay Beach	230	18-Aug	-	0	0	500	0	0	Shaul	
		244	01-Sep	-	0	0	700	0	0	Shaul	Additional 200 pinks at stream mouth
283-42.05	Belkofski Bay West	217	05-Aug	-	0	0	3,000	0	0	Shaul	
		222	10-Aug	-	0	0	4,500	0	0	Shaul	
		230	18-Aug	-	0	0	5,500	0	0	Shaul	
		244	01-Sep	-	0	0	4,700	0	0	Shaul	
283-42.03	Indian Head	222	10-Aug	-	0	0	700	0	0	Shaul	Additional 2,500 pinks at stream mouth
		230	18-Aug	-	0	0	2,000	0	0	Shaul	Additional 2,000 pinks at stream mouth
		244	01-Sep	-	0	0	5,000	0	0	Shaul	Additional 1,000 pinks at stream mouth
283-33.05	Ram's Creek	222	10-Aug	-	0	0	400	0	0	Shaul	
		230	18-Aug	-	0	0	2,700	0	0	Shaul	Additional 2,000 pinks at stream mouth
		244	01-Sep	-	0	0	19,600	0	0	Shaul	Additional 2,000 pinks at stream mouth, good escapement
283-33.04	King Cove Lagoon	244	01-Sep	-	0	0	0	200	0	Shaul	Additional 3,000 chums at lagoon mouth
283-33.03	King Cove West	244	01-Sep	-	0	0	0	100	0	Shaul	Additional 2,000 chums at stream mouth
283-31.01	Fox Island Anchorage East	214	02-Aug	-	0	0	5,200	0	0	Shaul	
		217	05-Aug	-	0	0	14,200	0	0	Shaul	
		222	10-Aug	-	0	0	13,900	0	0	Shaul	
		230	18-Aug	-	0	0	31,500	0	0	Shaul	Excellent escapement
		243	31-Aug	-	0	0	24,000	0	0	Shaul	
283-31.02	Fox Island Anchorage Center	214	02-Aug	-	0	0	300	0	0	Shaul	Additional 100 pinks at stream mouth
		217	05-Aug	-	0	0	1,300	0	0	Shaul	
		222	10-Aug	-	0	0	1,700	0	0	Shaul	
		230	18-Aug	-	0	0	3,000	0	0	Shaul	
		243	31-Aug	-	0	0	1,600	0	0	Shaul	
283-31.03	Fox Island Anchorage West	214	02-Aug	-	0	0	700	0	0	Shaul	
		217	05-Aug	-	0	0	3,600	0	0	Shaul	
		222	10-Aug	-	0	0	4,100	0	0	Shaul	
		230	18-Aug	-	0	0	8,800	0	0	Shaul	Fair escapement
		243	31-Aug	-	0	0	8,800	0	0	Shaul	

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species Chinook	Species Sockeye	Species Pink	Species Chum	Species Coho	Observer	Remarks
283-31.05	Deer Island	214	02-Aug	-	0	0	0	0	0	Shaul	
		230	18-Aug	-	0	0	500	0	0	Shaul	
		243	31-Aug	-	0	0	1,000	0	0	Shaul	
283-31.06	Southern Creek	214	02-Aug	Poor	0	0	14,500	0	0	Shaul	Probably another 3-4,000 chums, turbulent
		217	05-Aug	-	0	0	52,200	0	0	Shaul	Vast improvement of escapement
		222	10-Aug	-	0	0	47,200	0	0	Shaul	4,000 chums below first bend
		230	18-Aug	-	0	0	61,500	0	0	Shaul	4,000 chums below first bend
		243	31-Aug	-	0	0	46,000	0	0	Shaul	Rough count, none in lower 1/4 mile, turbulent
283-31.10	Eastern Creek	214	02-Aug	-	0	0	4,200	0	0	Shaul	
		217	05-Aug	-	0	0	13,600	0	0	Shaul	Much improved escapement
		222	10-Aug	-	0	0	14,400	0	0	Shaul	Nothing at stream mouth
		230	18-Aug	-	0	0	39,400	0	0	Shaul	Additional 1,000 pinks at stream mouth, good escapement
		243	31-Aug	-	0	0	18,800	0	0	Shaul	
283-34.11	Lenard Harbor South	232	20-Aug	-	0	0	100	0	0	Shaul	
283-34.10	Lenard Harbor Main	217	05-Aug	-	0	0	0	1,700	0	Shaul	Several jumpers east of Barney's Creek, nothing on the flats
		222	10-Aug	-	0	0	1,200	3,100	0	Shaul	
		230	18-Aug	-	0	0	600	7,200	0	Shaul	Flats too choppy
		232	20-Aug	-	0	0	0	6,000	0	Shaul	Flats too choppy, turbulent
		244	01-Sep	-	0	0	3,600	6,000	0	Shaul	Additional 7,000 chums in bay
283-34.09	Barney's Creek	217	05-Aug	-	0	0	1,400	0	0	Shaul	Additional 200 pinks at stream mouth
		222	10-Aug	-	0	0	1,800	0	0	Shaul	
		230	18-Aug	-	0	0	2,500	0	0	Shaul	
		244	01-Sep	-	0	0	4,300	400	0	Shaul	
283-34.07	Kinzarof Lagoon	249	06-Sep	-	0	50	0	0	0	Shaul	Partial survey, surveyed lakes only
283-34.06	Kinzarof Lagoon	245	02-Sep	-	0	200	0	0	0	Shaul	
283-34.05	Kinzarof Lagoon	249	06-Sep	-	0	10	0	0	0	Shaul	
283-34.03	Trout Creek	249	06-Sep	-	0	0	0	70	0	Shaul	
283-34.02	Russel Creek	187	06-Jul	Good	0	0	0	0	0	Shaul	
		200	19-Jul	-	0	0	0	3,400	0	Shaul	1,200 above hatchery

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species: Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
		209	28-Jul	-	0	0	0	29,000	0	Shaul	25,000 below hatchery, some trying to enter rearing ponds
		217	05-Aug	-	0	0	400	56,600	0	Shaul	7,600 chums above hatchery
		230	18-Aug	-	0	0	18,900	38,500	0	Shaul	15,000 pinks and 33,000 chums below hatchery, pinks all spawning, chums still coming in
		243	31-Aug	-	0	160	1,000	37,500	0	Shaul	Sockeyes in lakes, pinks and 25,000 chums below hatchery
283-34.01	Mortensen Lagoon	230	18-Aug	-	0	20	0	0	0	Shaul	Several hundred Dolly Varden, algal bloom in lake
		243	31-Aug	-	0	1,400	0	0	0	Shaul	1,100 in creek, partial survey of lake and inlet creek only
		271	28-Sep	Poor	0	500	0	0	600	Shaul	All sockeyes in creek, lake estimate very rough, partial survey of lake and inlet creek only
		274	01-Oct	Poor	0	0	0	0	500	Shaul	Very difficult place to see fish, partial survey of lake and inlet creek only
283-32.01	Old Man's Lagoon	200	19-Jul	-	0	0	0	0	0	Shaul	
		214	02-Aug	-	0	0	0	800	0	Shaul	All spawning
		243	31-Aug	-	0	0	0	200	0	Shaul	Spawning
283-20.06	Thin Point Lagoon &	187	06-Jul	-	0	300	0	0	0	Shaul	300 in upper part of lagoon
		192	11-Jul	-	0	250	0	0	0	Shaul	Probable illegal fishing activity, skiff tracks and pile of flounders in lagoon, low tide
	Entrance	200	19-Jul	-	0	300	0	0	0	Shaul	Lots of jumpers just above mouth but couldn't see fish, probable illegal fishing activity
		217	05-Aug	-	0	7,800	0	0	0	Shaul	Many colored and moving to lake
		222	10-Aug	-	0	5,000	0	0	0	Shaul	Very water marked
		230	18-Aug	-	0	1,600	0	0	0	Shaul	
		243	31-Aug	-	0	5,600	0	0	0	Shaul	All colored
		271	28-Sep	Poor	0	0	0	0	600	Shaul	Water Murky
		244	01-Sep	Excellent	0	0	0	0	1,000	Shaul	
283-20.10	Thin Point Lake	243	31-Aug	-	0	3,000	0	0	0	Shaul	90% spawning
283-20.09	Thin Point Lake Stream	243	31-Aug	-	0	800	0	0	0	Shaul	Additional 3,000 sockeyes at stream mouth
283-20.04	Southwest Bight	217	05-Aug	-	0	0	2,000	0	0	Shaul	
		222	10-Aug	-	0	0	2,800	0	0	Shaul	
		244	01-Sep	-	0	0	2,500	0	0	Shaul	
283-20.03	Verskin's Bight	217	05-Aug	-	0	0	10,300	0	0	Shaul	Additional 300 pinks at stream mouth
		222	10-Aug	-	0	0	7,200	0	0	Shaul	
		244	01-Sep	-	0	0	12,000	0	0	Shaul	
283-20.01	Sandy Cove	217	05-Aug	Poor	0	0	4,500	1,500	0	Shaul	Species identification difficult

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
		222	10-Aug	-	0	0	6,200	100	0	Shaul	Good species identification
		244	01-Sep	Poor	0	0	5,000	38,000	0	Shaul	Species identification difficult
		257	14-Sep	-	0	0	3,000	18,000	0	Shaul	
283-11.01	Egg Island	217	05-Aug	-	0	0	900	0	0	Shaul	
		222	10-Aug	-	0	0	1,100	100	0	Shaul	
		244	01-Sep	-	0	0	1,800	0	0	Shaul	
283-12.13	Little John Lagoon	217	05-Aug	-	0	0	0	400	0	Shaul	Lagoon choppy
		222	10-Aug	-	0	0	100	800	0	Shaul	Additional 2,000 chums in lagoon
		244	01-Sep	Poor	0	0	1,700	3,700	0	Shaul	Additional 2,000 chums in lagoon
		257	14-Sep	-	0	0	400	4,400	0	Shaul	All in creeks, 600 chums were in spring area in flats
283-12.12	Little John Lagoon Spit	244	01-Sep	-	0	0	0	200	0	Shaul	Additional 200 chums at stream mouth
283-12.11	Cannery Creek	244	01-Sep	-	0	0	800	400	0	Shaul	
283-12.05	Middle Lagoon	187	06-Jul	-	0	0	0	0	0	Shaul	
		192	11-Jul	-	0	400	0	0	0	Shaul	
		200	19-Jul	-	0	1,000	0	0	0	Shaul	
		222	10-Aug	-	0	0	0	0	0	Shaul	Several jumpers in lower end
		257	14-Sep	-	0	5,400	0	0	0	Shaul	900 spawning in outlet, south shore 3,600, N.W. shore 500, S.W. shore 300, plus 100 carcasses, partial survey of lake and outlet only
283-12.01	Hansen's Creek	217	05-Aug	-	0	0	1,000	0	0	Shaul	
		222	10-Aug	-	0	0	5,800	0	0	Shaul	
		244	01-Sep	-	0	20	6,400	0	0	Shaul	
284-60.08	Deadman's Cove	200	19-Jul	-	0	200	700	0	0	Shaul	
		217	05-Aug	-	0	0	28,000	0	0	Shaul	
		222	10-Aug	-	0	0	29,000	0	0	Shaul	
		244	01-Sep	Poor	0	0	19,000	0	0	Shaul	Cherokee survey, poor light, turbulent
284-60.07	Whalebone Bay	200	19-Jul	-	0	1,200	0	0	0	Shaul	
		222	10-Aug	-	0	0	200	0	0	Shaul	
284-60.06	Sankin Bay	222	10-Aug	-	0	0	2,000	0	0	Shaul	
		244	01-Sep	-	0	0	1,200	0	0	Shaul	
284-60.05	Whirl Point	210	29-Jul	-	0	0	100	0	0	Shaul	
		222	10-Aug	-	0	0	100	0	0	Shaul	
		244	01-Sep	-	0	0	800	0	0	Shaul	Poor escapement

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species Chinook	Species Sockeye	Species Pink	Species Chum	Species Coho	Observer	Remarks
284-60.04	Ikatan River	244	01-Sep	-	0	0	1,000	0	0	Shaul	
284-60.03	Swede's Lake	200	19-Jul	-	0	300	0	0	0	Shaul	
		222	10-Aug	-	0	400	0	0	0	Shaul	300 spawning
		244	01-Sep	-	0	0	150	0	0	Shaul	
284-60.01	Ikatan Point	217	05-Aug	-	0	0	700	0	0	Shaul	
		222	10-Aug	-	0	0	2,700	0	0	Shaul	
		244	01-Sep	-	0	0	1,000	0	0	Shaul	Very poor escapement
284-50.00	Dora Harbor Left	222	10-Aug	-	0	0	100	0	0	Shaul	
UNIMAK DISTRICT											
284-40.09	Otter Cove North	217	05-Aug	-	0	0	3,500	0	0	Shaul	
		222	10-Aug	-	0	0	6,000	0	0	Shaul	
		244	01-Sep	-	0	0	2,400	0	0	Shaul	Poor escapement
284-40.08	Otter Cove South	217	05-Aug	-	0	0	1,000	0	0	Shaul	
		222	10-Aug	-	0	0	1,200	300	0	Shaul	
		244	01-Sep	-	0	0	800	0	0	Shaul	Poor escapement
284-40.05	Lazaref	244	01-Sep	-	0	0	400	100	0	Shaul	
283-10.(?)	Sanak Village	258	15-Sep	-	0	20	300	0	0	Shaul	
283-10.(?)	Sanak Island West	258	15-Sep	-	0	800	1,900	0	0	Shaul	30% of pinks were carcasses, sockeyes starting to spawn
283-10.(?)	Dodd's Bay West	258	15-Sep	-	0	700	2,000	0	0	Shaul	50% of pinks were carcasses, sockeyes starting to spawn
283-10.(?)	Dodd's Bay East	258	15-Sep	-	0	0	200	0	0	Shaul	
283-10.(?)	Sandy Bay	258	15-Sep	-	0	700	0	0	0	Shaul	
283-10.(?)	Salmon Bay	258	15-Sep	-	0	2,700	1,000	0	Few	Shaul	1,000 sockeyes in second lake rest in lower lake. 50% spawning, 50% of pinks were carcasses

Appendix J.2. Salmon escapement survey counts in the Aleutian Islands Management Area, 1986.

Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
UNALASKA DISTRICT											
302-	Akutan Harbor	245	02-Sep	-	0	0	300	0	0	Shaul	
302-40.10	Humpy Cove (Summer Bay)	217	05-Aug	-	0	0	132	0	0	Perry	Foot survey, severe flooding during 11/85, little spawning area remains
		226	14-Aug	-	0	0	380	0	0	Perry	Foot survey
		245	02-Sep	-	0	0	1,400	0	0	Shaul	Very poor escapement
302-40.09	Summer Bay Lake	216	04-Aug	-	0	0	0	0	0	Perry	Foot survey, partial survey, outlet only
		226	14-Aug	-	0	0	100	0	0	Perry	Foot survey, partial survey, outlet only
302-40.08	Unalaska Village	245	02-Sep	-	0	0	6,500	0	0	Shaul	1,500 above lake, fair escapement
302-40.07	Pyramid Creek	246	03-Sep	-	0	0	50	0	0	Shaul & Sundberg	Foot survey
302-40.06	Captain's Bay	216	04-Aug	-	0	0	46	4	0	Perry	Foot survey, stream destroyed by flooding during 11/85, essentially no spawning areas remain
		245	02-Sep	-	0	0	1,500	6	0	Shaul	New spawning rifles created in lower portion of the stream, upper portion looks marginal
302-40.05	Nateekin River	245	02-Sep	-	0	0	19,500	0	0	Shaul	Very poor escapement
302-40.03	Makushin Valley	245	02-Sep	-	0	0	7,800	0	0	Shaul	Helicopter survey, most in lower end, schooled
302-15.07	McLee's Lake	245	02-Sep	-	0	1,900	0	0	0	Shaul	75% carcasses
302-15.05	Driftwood Bay	246	03-Sep	-	0	0	300	0	0	Sundburg	Helicopter survey, most in lower end
302-13.10	Volcano Bay	245	02-Sep	-	0	300	0	0	0	Shaul	Poor escapement
302-14.20	Makusnin Village	245	02-Sep	-	0	0	1,500	0	0	Shaul	
302-14.18	Glacier Valley	245	02-Sep	-	0	0	43,000	0	0	Shaul	Best escapement observed in Aleutians
302-14.17	Humpback Bay	245	02-Sep	-	0	0	3,600	0	0	Shaul	Very poor escapement
302-14.16	Humpback Bay	245	02-Sep	-	0	0	13,600	0	0	Shaul	Very poor escapement
302-13.05	Skan Bay	245	02-Sep	-	0	0	1,100	0	0	Shaul	Pathetic escapement

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Appendix J.2. (p 2 of 2)

Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species Chinook	Species Sockeye	Species Pink	Species Chum	Species Coho	Observer	Remarks
302-12.15	Pumicestone Bay	245	02-Sep	-	0	0	200	0	0	Shaul	
302-12.11	Pumicestone Bay	245	02-Sep	-	0	0	3,300	0	0	Shaul	Additional 3,300 carcasses
302-12.07A	Kashega Lake West	245	02-Sep	-	0	3,000	0	0	0	Shaul	
302-12.07B	Kashega Lake East	245	02-Sep	-	0	1,400	13,800	0	0	Shaul	800 pinks in Feeder Creek, rest in outlet, good pink escapement
302-12.04	Kismaliuk Bay	245	02-Sep	-	0	0	3,700	0	0	Shaul	700 in .04, very poor escapement
302-12.03	Kismaliuk Bay	245	02-Sep	-	0	0	2,300	0	0	Shaul	Very poor escapement
302-11.08	Chernofski Harbor	245	02-Sep	-	0	0	4,400	0	0	Shaul	700 Dolly Varden in lower end, very poor pink escapement
302-11.06	Station Bay	245	02-Sep	-	0	0	2,500	0	0	Shaul	Very poor pink escapement
302-11.05	Station Bay	245	02-Sep	-	0	0	200	0	0	Shaul	
302-11.04	Station Bay West Arm	245	02-Sep	-	0	0	200	0	0	Shaul	Pathetic escapement

Appendix J.3. Salmon escapement survey counts in the North Peninsula Management Area, 1986.

Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species: Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
NORTHWESTERN DISTRICT											
311-30.05	Unnamed	257	14-Sep	-	0	0	300	0	0	Shaul	
311-30.07	Whaleback Mountain Creek	174	23-Jun	Poor	0	0	0	0	0	Shaul	No large schools, swirls above fishery indicates presence of some fish, 10 seiners, 4 driftnetters and 2 setnetters fishing near or in lagoon
		182	01-Jul	Poor	0	16,400	0	0	0	Shaul	400 sockeye in Whaleback Mtn., 16,000 sockeye in lower end, several dead fish in lake
		187	06-Jul	Poor	0	11,500	0	0	0	Shaul	Poor visibility in lake and upper 1/4 mile of outlet, most fish observed in lower part of outlet
		209	28-Jul	-	0	36,300	0	500	0	Shaul	9,000 above forks, 15,300 below forks, 15,300 at outlet of lake, 3,500 sockeye and 500 chums in outlet
		257	14-Sep	Poor	0	0	0	0	0	Shaul	Murky, sign of fish moving up throughout the channel
311-30.08	Christianson Lagoon	209	28-Jul	-	0	500	0	0	0	Shaul	Poor escapement
311-30.09	Mudhole	209	28-Jul	-	0	1,200	0	1,200	0	Shaul	Chums spawning, sockeyes mostly schooled in lagoon
311-30.10	Clear Lagoon	209	28-Jul	-	0	150	0	10	0	Shaul	
311-40.01	Emil's River	209	28-Jul	-	0	30	0	300	0	Shaul	Sockeye colored, chum in lower portion of the river
311-50.01	Big River	257	14-Sep	-	0	0	0	300	0	Shaul	All in east clear tributary
311-50.02	Swanson Lagoon	182	01-Jul	-	0	0	0	200	0	Shaul	
		187	06-Jul	-	0	0	0	400	0	Shaul	Good sign of fish in outlet
		192	11-Jul	Poor	0	300	0	1,300	0	Shaul	Sockeye schooled in mouth of creek lagoon, skiff tracks in upper portion of the lagoon
		200	19-Jul	-	0	200	0	2,000	0	Shaul	Not much sign of fish in outlet channel
		209	28-Jul	-	0	400	0	5,100	0	Shaul	Additional 5,000 salmon in outlet channel
		214	02-Aug	Poor	0	200	0	2,800	0	Shaul	Lagoon and outlet channel murky, no sign of high numbers of fish
		243	31-Aug	-	0	5,700	0	0	0	Shaul	700 spawning in creek, 2,000 in lagoon, considerable sign of coho moving up outlet channel
		257	14-Sep	Poor	0	2,600	0	0	0	Shaul	1,300 sockeyes spawning in creek, rest spawning along lagoon shore, lagoon and outlet channel murky
		271	28-Sep	Poor	0	1,000	0	0	9,000	Shaul	Coho schooled in channel on north side of lagoon, sockeye spawning along shore, several hundred additional sockeye spawning in creek, many coho mis-identified as weeds
		274	01-Oct	Excellent	0	200	0	0	2,000	Shaul	Partial survey, didn't survey lagoon nor spawning area, sockeye in creek, coho in potnole area on north side of lagoon

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Appendix J.3. (p 2 of 9)

Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
311-60.01	St. Catherine Cove	182	01-Jul	-	0	0	0	0	0	Shaul	
		187	06-Jul	-	0	0	0	100	0	Shaul	
		192	11-Jul	-	0	0	0	700	0	Shaul	Additional 200 chum at stream mouth
		200	19-Jul	-	0	0	0	2,400	0	Shaul	1,100 in Upper Valley, a few spawning
		209	28-Jul	-	0	0	0	5,200	0	Shaul	Additional 700 chum at stream mouth, in the stream 800 were spawning, 3,000 in lower mile
		243	31-Aug	-	0	0	600	1,000	200	Shaul	Additional 200 coho at mouth, foggy, partial survey of lower 3 miles
		257	14-Sep	Poor	0	0	0	0	0	Shaul	Murky water
311-60.06	Anderson Creek	210	29-Jul	-	0	0	200	100	0	Shaul	
		217	05-Aug	-	0	0	2,000	0	0	Shaul	
		222	10-Aug	-	0	0	2,500	0	0	Shaul	Additional 300 pinks at stream mouth
		244	01-Sep	-	0	0	2,100	0	0	Shaul	
311-60.07 and .08	Trader's Cove	200	19-Jul	-	0	0	0	0	0	Shaul	Nothing in creek, 2,000 chums in channel and on flats
		210	29-Jul	-	0	0	0	100	0	Shaul	All below forks, 4,000 chums in outlet channel
		217	05-Aug	-	0	0	0	500	0	Shaul	
		222	10-Aug	-	0	0	3,200	200	0	Shaul	1,000 chum on flats, 7,000 chum in channel
		244	01-Sep	Poor	0	0	800	4,500	0	Shaul	Additional 200 chum at stream mouth, poor light conditions on flats
		257	14-Sep	-	0	0	300	4,800	0	Shaul	4,000 chum and 300 pink in right fork, 300 chum below forks, plus as many carcasses
311-60.12	Warmsprings Bay	210	29-Jul	-	0	0	0	0	0	Shaul	
		244	01-Sep	Poor	0	0	0	100	0	Shaul	Rough estimate of 2,000 on flats
		257	14-Sep	-	0	0	0	3,300	0	Shaul	Additional 500 carcasses
311-60.13	Hungry's Creek	210	29-Jul	-	0	0	0	0	0	Shaul	Additional 3-400 pinks at stream mouth
		217	05-Aug	-	0	0	1,200	0	0	Shaul	
		222	10-Aug	-	0	100	2,000	0	0	Shaul	Sockeye schooled in lakes
		244	01-Sep	-	0	0	1,900	0	0	Shaul	
312-20.01	Norma Creek	244	01-Sep	-	0	260	0	0	0	Shaul	
312-20.02	Mike's Duck Camp	200	19-Jul	-	0	0	0	400	0	Shaul	
		222	10-Aug	-	0	0	0	1,100	0	Shaul	
		244	01-Sep	-	0	0	0	400	0	Shaul	Very poor escapement
312-20.03	Alligator Hole	222	10-Aug	-	0	0	0	1,400	0	Shaul	6-7,000 on flats
		244	01-Sep	-	0	0	0	6,500	0	Shaul	Additional 2,000 chums at stream mouth
312-20.52	Unnamed	244	01-Sep	-	0	1,000	0	1,300	0	Shaul	Many carcasses

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
312-20.51	Unnamed	244	01-Sep	-	0	0	0	1,700	0	Shaul	Many were carcasses
312-20.04	Norma Bay	222	10-Aug	-	0	0	0	50	0	Shaul	
		244	01-Sep	-	0	0	0	400	0	Shaul	Very poor escapement
312-20.05	Frosty Creek	200	19-Jul	-	0	0	0	800	0	Shaul	
		210	29-Jul	-	0	0	0	2,300	0	Shaul	
		222	10-Aug	-	0	0	0	3,900	0	Shaul	
		244	01-Sep	-	0	0	0	1,500	0	Shaul	Poor escapement
312-20.06	Bluebill Lake	249	06-Sep	-	0	2,300	0	0	0	Shaul	
312-20.13	Outer Marker	249	06-Sep	-	0	260	0	200	0	Shaul	Chums spawning below lakes, 200 sockeyes in 1st lake, 60 sockeyes in upper lake
312-40.0	Unnamed	249	06-Sep	-	0	0	0	400	0	Shaul	All spawning
312-40.01	Joshua Green River, A & B	187	06-Jul	-	0	0	0	27,500	0	Shaul	Some may have been sockeye, nearly all from forks to lake, poor visibility below lake
		200	19-Jul	Poor	0	5,500	0	21,000	0	Shaul	Partial survey, count low, surveyed to 1st clear trib.
		209	28-Jul	-	0	8,200	0	22,500	0	Shaul	Mediocre early escapement, main stream murky
		231	19-Aug	-	0	8,800	0	46,100	0	Shaul	13,800 below forks, 6,000 in B, 300 sockeye spawning in lake, 8,500 chums below lake in A, 4,200 chums and 8,500 sockeyes above lake
		251	08-Sep	-	0	0	0	28,300	0	Shaul	None in lower portion
312-40.02	Moffet Springs Creek	200	19-Jul	-	0	0	0	300	0	Shaul	
		209	28-Jul	Excellent	0	0	0	900	0	Shaul	
		231	19-Aug	-	0	100	0	4,200	0	Shaul	Poor escapement, nothing in lower 1/4 mile of creek
		249	06-Sep	-	0	0	0	2,400	0	Shaul	1,300 schooled below forks
312-40.03	Moffet Point	187	06-Jul	-	0	0	0	0	0	Shaul	
		200	19-Jul	-	0	1,800	0	600	0	Shaul	All in lower portion, sockeyes well colored
		209	28-Jul	-	0	3,000	0	0	0	Shaul	Just beginning to spawn, nothing in lower end
		231	19-Aug	-	0	2,400	0	4,800	0	Shaul	Sockeye spawning, poor chum escapement, nothing in lower end
		249	06-Sep	Poor	0	200	0	3,000	0	Shaul	All spawning
NORTHERN DISTRICT											
313-10.02	North Creek	188	07-Jul	Poor	800	0	0	0	0	Shaul	Murky water
		211	30-Jul	Fair	120	0	0	0	0	Shaul	A few spawning
		233	21-Aug	-	400	0	0	700	0	Shaul	100 chinook and 400 chum below B
		249	06-Sep	-	0	2,100	0	0	0	Shaul	500 sockeye in west lake, 1,100 sockeye in upper lake

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
313-10.05	Cathedral River	249	06-Sep	-	0	20	0	0	0	Shaul	
313-10.06	Trader Mountain Creek	233	21-Aug	-	0	200	0	0	0	Shaul	Partial survey, surveyed only Divide Lake
		249	06-Sep	-	0	0	0	0	0	Shaul	Partial survey, surveyed only east fork
313-10.11	Black Hills Creek	173	22-Jun	-	20	0	0	0	0	Shaul	
		180	29-Jun	-	100	0	0	0	0	Shaul	
		188	07-Jul	-	600	0	0	0	0	Shaul	
		193	12-Jul	-	1,300	0	0	0	0	Shaul	
313-10.14	Steelhead Creek	173	22-Jun	-	0	0	0	0	0	Shaul	
		180	29-Jun	-	900	0	0	0	0	Shaul	Fish look small for chinook but a high % of small chinook reported in Port Moller catch
		188	07-Jul	-	400	0	0	0	0	Shaul	
		193	12-Jul	-	400	0	0	0	0	Shaul	
313-30.(?)	Coastal Lake	271	28-Sep	-	0	200	0	0	0	Shaul	All fish in Drill Hole Lake, nothing in Coastal Lake
313-30.01	David's River	201	20-Jul	-	0	630	0	0	0	Shaul	Few starting to spawn, poor escapement
		249	06-Sep	Poor	0	0	0	0	0	Shaul	Murky water
		251	08-Sep	-	0	0	0	0	400	Shaul	
		271	28-Sep	-	0	2,600	0	0	700	Shaul	Coho estimate very rough, all in main river well above Sherman's house, 2,000 sockeyes in Big Fish Lake, 500 sockeyes in lake in back of Sherman's house, rest in lake 3-4 miles below house
313-30.02	Caribou River	201	20-Jul	-	0	1,400	0	0	0	Shaul	Mediocre escapement
313-30.03	Nelson River/	173	22-Jun	Fair	0	0	0	0	0	Shaul	Water level high, partial survey from tower to confluence of Nelson-David Rivers (forks)
	Hoodoo Lake	180	29-Jun	Fair	0	0	0	0	0	Shaul	Water level high, fish present but impossible to get accurate count, surveyed forks to tower
	A, B, & C (see tower escapement counts)	188	07-Jul	Poor	800	4-5,000	0	0	0	Shaul	Partial survey, surveyed from tower to forks
		193	12-Jul	-	1,300	5,000	0	0	0	Shaul	Chinook scattered throughout system, sockeye spotty and few in number, surveyed forks to tower
		201	20-Jul	-	4,600	67,000	0	0	0	Shaul	4,000 chinook and 7,000 sockeye below tower, 600 chinook and 7,000 sockeye between tower and lake, lake estimate of 53,000 may be low
		233	21-Aug	-	1,800	55,700	0	800	800	Shaul	Coho below tower to forks: 10,800 sockeye, all chinook and chum spawning in river; 20,900 sockeye in lake trips. or mouth, rest beach spawning or schooled, didn't survey left or Petterson Creek

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
		244	01-Sep	-	0	0	0	0	4,000	Shaul	Rough estimate, + or - 2,000, no large concentrations, surveyed forks to 2 miles above tower
		249	06-Sep	Poor	0	0	0	0	0	Shaul	Murky below left creek, no concentrations observed below left creek, surveyed forks to Left Cr.
		251	08-Sep	Good	0	0	0	0	9,200	Shaul	7,000 above tower, visibility spotty below tower due to broken over cast, possibly another 2,000 fish
		271	28-Sep	-	0	0	0	0	23,000	Shaul	16,000 were between tower and left creek, 3,000 at outlet of Hoodoo Lake
313-30.03	Petterson Creek	201	20-Jul	-	50	0	0	0	0	Shaul	
314-20.02	Doe Valley	217	05-Aug	Good	0	0	0	460	0	McCullough	Additional 250 chum at stream mouth
		233	21-Aug	-	0	0	0	500	0	Shaul	Additional 300 carcasses
314-20.03	Buck Valley	204	23-Jul	-	0	0	0	0	0	Schwarz	
		217	05-Aug	Good	0	0	0	180	0	McCullough	Seal at mouth
		233	21-Aug	-	0	0	0	1,200	0	Shaul	Additional 200 carcasses
314-20.04	Deer Valley	197	16-Jul	-	0	0	0	450	0	Nicholson	
		204	23-Jul	-	0	0	0	400	0	Schwarz	
		217	05-Aug	Poor	0	0	0	2,600	0	McCullough	Murky water, count may be low, additional 175 chum at stream mouth
		233	21-Aug	-	0	0	0	5,400	0	Shaul	1,000 schooled in lower end of stream, additional: 1,000 carcasses, 500 chum at stream mouth
314-20.05	Portage Valley	204	23-Jul	-	0	0	0	0	0	Schwarz	
		217	05-Aug	Excellent	0	0	0	0	0	McCullough	Additional 450 chum at mouth
		233	21-Aug	-	0	0	0	1,150	0	Shaul	Additional 200 carcasses
314-20.06	Grass Valley	197	16-Jul	-	0	0	0	600	0	Nicholson	
		204	23-Jul	-	0	0	0	700	0	Schwarz	
		217	05-Aug	Good	0	275	0	7,600	0	McCullough	
		233	21-Aug	-	0	300	0	6,800	0	Shaul	Additional 1,200 carcasses
314-20.07	Lawrence Valley	197	16-Jul	-	0	0	0	800	0	Nicholson	
		204	23-Jul	-	0	0	0	700	0	Schwarz	
		217	05-Aug	Good	0	0	0	16,400	0	McCullough	Most schooled in lower portion of stream
		233	21-Aug	-	0	0	0	12,000	0	Shaul	6,000 schooled in lower portion of stream, additional 2,000 carcasses
314-20.08	Mine Harbor	217	05-Aug	Excellent	0	0	0	125	0	McCullough	
		233	21-Aug	-	0	0	0	0	0	Shaul	20 chum carcasses
314-20.09	Coal Creek	197	16-Jul	-	0	0	0	0	0	Shaul	

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Chinook	Sockeye	Pink	Chum	Coho	Observer	Remarks
		204	23-Jul	-	0	0	0	0	0	Shaul	Additional 60 chum at stream mouth
		217	05-Aug	Good	0	0	0	2,900	0	McCullough	1,600 in upper area, additional 150 chum at stream mouth
		233	21-Aug	-	0	3	0	1,600	0	Shaul	Additional 500 carcasses, 600 live and 300 carcasses in upper area, very poor escapement
314-30.04	Mud Bay	217	05-Aug	Good	0	0	0	1,250	0	McCullough	
		233	21-Aug	-	0	0	0	1,200	0	Shaul	Additional 200 carcasses
314-30.05	Mud Bay	217	05-Aug	Good	0	0	0	650	0	McCullough	
		233	21-Aug	-	0	0	0	1,000	0	Shaul	Additional 500 carcasses
314-30.07	Right Head	217	05-Aug	Good	0	0	0	310	0	McCullough	Additional 50 chum at stream mouth
		233	21-Aug	-	0	0	0	350	0	Shaul	
314-30.09	Right Head Creek	217	05-Aug	Good	0	0	0	1,325	0	McCullough	700 were in side channel
		233	21-Aug	-	0	0	0	3,400	0	Shaul	Additional 400 carcasses
314-30.10	Left Head Creek	217	05-Aug	Good	0	0	0	4,200	0	McCullough	
		233	21-Aug	Good	0	0	0	2,900	0	Shaul	1,700 were in Center Spring area
315-30.01	Frank's Lagoon	180	29-Jun	Poor	0	0	0	0	0	Shaul	Water high and murky, partial survey, surveyed creek only
		190	09-Jul	-	0	0	0	250	0	Schwarz	Partial survey, surveyed creek only
		199	18-Jul	-	0	0	0	5,700	0	Schwarz	Partial survey, surveyed creek only
		219	07-Aug	-	0	0	0	200	0	Shaul	All at mouth, look spawned out, partial survey, surveyed creek only
315-10.02	King Salmon River	186	29-Jun	-	10-20	0	0	0	0	Schwarz	Three sport fishermen, only one commercial fishing vessel West of Bear River
		190	09-Jul	-	190	0	0	0	0	Shaul	
		199	18-Jul	-	220	0	0	50	0	Schwarz	
		202	21-Jul	Poor	500	0	0	0	0	Shaul	Rough estimate, no sport fish activity, partial survey, surveyed lower 1/2 mile
		219	07-Aug	-	125	0	0	700	0	Shaul	Chinook and 200 chum spawning, very poor escapement
315-11.02	Bear River (see tower escapement counts)	202	21-Jul	-	300	0	0	0	0	Shaul	
		217	05-Aug	Good	340	0	0	0	0	McCullough	Partial survey of river from lake to 3 miles below the lake
315-12.00	Sandy River	180	29-Jun	-	0	14,000	0	0	0	Shaul	All at upper end of river and lower part of lagoon
		183	02-Jul	Excellent	0	6,900	0	0	0	Shaul	In small schools scattered in lake and lagoon
		190	09-Jul	Fair	0	3,200	0	0	0	Schwarz	Fog
		217	05-Aug	Fair	0	6,250	0	0	0	McCullough	Partial survey, turbulence in upper canyon, 6,100 in spring spawning areas
316-10.01	Lime Creek	219	07-Aug	-	0	20	0	40	0	Shaul	Sockeye fresh, in lower end, chum spawning

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Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species Chinook	Species Sockeye	Species Pink	Species Chum	Species Coho	Observer	Remarks
316-10.02	Unnamed	219	07-Aug	-	0	0	0	0	0	Shaul	One sockeye carcass and 5 chum carcasses
316-10.04	Three Hills	219	07-Aug	-	0	60	0	0	0	Shaul	All spawning in lake
316-10.05	Ocean River	190	09-Jul	-	0	200	0	0	0	Schwarz	All in Wildman Lake, nothing in main river
		202	21-Jul	-	0	3,800	0	0	0	Shaul	1,600 in Wildman Lake, 50% dead, 1,400 spawning in Finger Lake, all alive, 200 colored up just below Finger Lake. 600 stranded in old channel to Ilnik Lake, heavy rains during night may have raised water enough for them to get up, main channel recently broke through to Bering Sea
		219	07-Aug	-	0	4,200	0	0	0	Shaul	All spawning, looks good, good water flow in old channel to Ilnik Lake, partial survey, surveyed only Finger Lakes and river mouth
316-10.06	Willie Creek	180	29-Jun	-	0	2-3,000	0	0	0	Shaul	Probably another 2-3,000 at upper end of lake
		183	02-Jul	-	0	6,200	0	0	0	Shaul	400 on spawning grounds, 500 in old Ocean River channel, rest in outlet and lakes
		190	09-Jul	Excellent	0	8,400	0	0	0	Schwarz	Excellent escapement
		202	21-Jul	-	0	8,700	0	0	0	Shaul	5,000 on spawning grounds, none in lake or outlet
		219	07-Aug	-	0	6,700	0	0	0	Shaul	5,000 spawning, rest schooled in upper portion
316-20.01	Ilnik Estuary & River	180	29-Jun	-	0	5-10,000	0	0	0	Shaul	Good sign below markers, all the way from markers to mouth of lagoon
		183	02-Jul	Excellent	0	25,600	0	0	3	Shaul	200 in river below C fork, most were from village to 1/4 mile above, turning color
		190	09-Jul	Poor	0	3,700	0	0	0	Schwarz	Muddy and overcast
		197	16-Jul	-	0	30,000	0	0	0	Nicholson	Most in first 1/2 mile below village, partial survey, surveyed only below village
		202	21-Jul	-	0	44,200	0	0	0	Shaul	30,500 in lagoon, all below village, 12,600 spawning, very good escapement, 500 were at mouth of C, nothing in C
		219	07-Aug	-	0	10,000	0	0	0	Shaul	All schooled by village, no more coming in, undoubtedly additional to last survey, surveyed only below village
		254	11-Sep	-	0	0	0	0	25,000	Shaul	Roughly 1,000 moving up through lagoon, rest schooled near village, nothing at mouth of C tributary, partial survey, surveyed only lake and lagoon areas
317-1	Unnamed	211	30-Jul	-	0	0	0	0	0	Wilkey	Dry
317-2	Charles Creek	211	30-Jul	-	150	330	0	0	0	Wilkey	Species composition estimated from historical escapements
317-4	Red & Yellow Bluffs	211	30-Jul	-	150	3,000	0	1,150	0	Wilkey	Chinook and sockeye species composition estimated from historical escapements
317-7.A	Mesnik River	190	09-Jul	-	0	28,000	0	0	0	Schwarz	14,500 up to Scotty's cabin, 3,150 in lakes north of Scotty's, rest up to Blue-Violet Creek

-continued-

Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species Chinook	Species Sockeye	Species Pink	Species Chum	Species Coho	Observer	Remarks
		211	30-Jul	-	0	3,000	0	700	0	Wilkey	1,400 sockeye and 430 chum above Rainbow Creek, 1,500 sockeye and 250 chum in lower river
		245	02-Sep	Poor	0	0	0	0	1,600	Fox	Water murky
		254	11-Sep	-	0	0	0	0	8,000	Shaul	Poor escapement, all above Plenty Bear and turning color, much more advanced then fish found in 9/11/85 survey
317-7.B	Braided Creek	190	09-Jul	-	0	50	0	0	0	Schwarz	
		211	30-Jul		25	0	0	220	0	Wilkey	
317-7.C	Landlocked Creek	211	30-Jul	-	0	1,000	0	30	0	Wilkey	All were in 317-7.D branch
317-7.E	Blue Violet Creek	211	30-Jul	-	400	7,200	0	1,330	0	Wilkey	Species composition estimated from historical escapements
317-7.H	Shoe Creek	211	30-Jul	-	0	550	0	2,300	0	Wilkey	
317-7.K	Unnamed	211	30-Jul	-	0	3,100	0	350	0	Shaul	
317-7.L	Unnamed	211	30-Jul	-	0	2,350	0	250	0	Wilkey	
317-7.O	Plenty Bear Creek	211	30-Jul	-	650	0	0	2,200	0	Wilkey	
317-7.OA	Unnamed	211	30-Jul	-	40	0	0	360	0	Wilkey	
317-7.P	Waterfall Creek	211	30-Jul	-	0	25	0	0	0	Wilkey	Additional 100 chum at stream mouth
317-7.R	Rainbow Creek	211	30-Jul	-	850	0	0	450	0	Wilkey	
317-7.T	Cub Creek	211	30-Jul	-	0	0	0	5	0	Wilkey	
317-8	Birthday Creek	211	30-Jul	-	0	0	0	850	0	Wilkey	
317-9	Barabaro Creek	211	30-Jul	-	0	0	0	0	0	Wilkey	
318-20.4	Mud Creek	245	02-Sep	Poor	0	0	0	0	0	Fox	Murky water
		254	11-Sep	-	0	0	0	0	3,000	Shaul	All in largest lake on n.e. side, approximately 6 miles upstream from mouth, turning color
318-20.6.A	Cinder River	212	31-Jul	-	1,000	8,000	0	1,200	0	Probasco	Only 12 chinook below Lava Creek

-continued-

Appendix J.3. (p 9 of 9)

Stream Number	Stream Name	Calendar Day	Calendar Date	Survey Condition	Species Chinook	Species Sockeye	Species Pink	Species Chum	Species Coho	Observer	Remarks
			11-Sep	-	0	0	0	0	2,000	Shaul	All at mouth of branch coming in from lake, appr. 3 miles upstream, turning color
318-20.6.D	Lava Creek	212	31-Jul	-	100	17,000	0	0	0	Probasco	
318-20.6.E	High Creek	212	31-Jul	-	0	320	0	0	0	Probasco	
318-20.6.H	Meloy Creek	212	31-Jul	-	130	330	0	80	0	Probasco	
318-20.6.J	Wiggly Creek	212	31-Jul	-	150	0	0	950	0	Probasco	
318-20.6.K	Ray Creek	212	31-Jul	-	150	0	0	100	0	Probasco	
318-20.6.L	Unnamed	212	31-Jul	-	140	0	0	30	0	Probasco	

Appendix K.1. Peak escapement counts and estimated total escapements by district and stream for the South Peninsula Management Area, 1986.

District	Stream Number	Stream Name	SOCKEYE a/		PINK b/		CHUM b/		COHO c/	
			Peak Count	Total Est. Escap.	Peak Count	Total Est. Escap.	Peak Count	Total Est. Escap.	Peak Count	Total Est. Escap.
Southeastern										
	281-35.07	Boulder Bay	0	0	5	5	0	0	0	0
	281-35.06	Boulder Bay	0	0	470	470	0	0	0	0
	281-35.05	Fox Bay	0	0	625	625	0	0	0	0
	281-35.04	Fox Bay	0	0	500	500	0	0	0	0
	281-35.02	Fox Bay	0	0	6,400	11,093	0	0	0	0
	281-34.08	Island Bay	0	0	275	275	0	0	0	0
	281-34.07	Island Bay	0	0	310	310	0	0	0	0
	281-34.06	Island Bay	0	0	6,350	11,007	0	0	0	0
	281-34.05	Island Bay	0	0	8,700	15,080	0	0	0	0
	281-34.03	Stonehouse Creek	0	0	10,500	11,622	0	0	0	0
	281-34.02	Osterback Creek	0	0	5,000	8,416	0	0	0	0
	281-34.01	Grandville-Portage Inlet	0	0	650	650	3,000	3,231	0	0
	281-33.05	Stepovak River	0	0	0	0	32,900	32,900	0	0
	281-33.04	Big River	0	0	0	0	850	850	0	0
	281-33.03	Louie's Corner	0	0	0	0	2,600	3,155	0	0
	281-33.01	Ramsey Bay	0	0	1,000	1,000	2,500	3,889	0	0
	281-32.07	Grub Gulch	0	0	4,650	13,208	8,000	18,793	0	0
	281-32.05	Clark Bay	0	0	6,750	8,325	5,000	6,360	0	0
	281-32.04	Little Norway	200	400	12,000	14,140	3,000	3,000	0	0
	281-31.03	Orzinski (Orzenoi)	10,300	20,600	11,400	11,507	0	0	0	0
	281-20.04	Windbound Bay	0	0	2,500	4,000	0	0	0	0
	281-20.03	Chichagof	0	0	1,300	1,373	1,000	3,230	0	0
	281-20.02	Chichagof	0	0	4,000	6,240	600	1,183	0	0
	281-20.01	Chichagof	0	0	1,700	1,700	400	507	0	0
	281-10.04	West Cove	0	0	250	250	0	0	0	0

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Appendix K.1. (p 2 of 7)

District	Stream Number	Stream Name	SOCKEYE a/ Peak Count	SOCKEYE a/ Total Est. Escap.	PINK b/ Peak Count	PINK b/ Total Est. Escap.	CHUM b/ Peak Count	CHUM b/ Total Est. Escap.	COHO c/ Peak Count	COHO c/ Total Est. Escap.
	281-10.03	Suzy Creek	0	0	84,000	156,800	0	0	0	0
	281-10.02	Dorenoi Bay	0	0	1,600	1,600	200	200	0	0
	281-10.01	Dorenoi Bay	0	0	6,000	8,333	2,000	4,663	0	0
	281-90.04	San Diego	0	0	0	0	3,700	3,700	0	0
	281-90.03	San Diego	0	0	0	0	75	117	0	0
	281-90.02	Rough Beach	0	0	28,000	28,355	0	0	0	0
	283-90.01	Swedania Point	0	0	46,200	60,390	0	0	0	0
	283-80.16	Ballast Island	0	0	0	0	0	0	0	0
	283-80.15	Coleman Creek	0	0	100	100	14,300	14,300	0	0
	283-80.14	Johnson Creek	0	0	2,600	3,155	6,000	6,109	0	0
	283-80.12	Unnamed	0	0	450	450	0	0	0	0
	283-80.11	Monolith Point	0	0	1,350	1,361	0	0	0	0
	283-80.09	Foster Creek	0	0	10,000	18,080	2,600	6,785	0	0
	283-80.08	Lefthand Bay	0	0	13,500	22,940	4,500	11,363	0	0
	283-80.06	Cape Aliaksin	0	0	2,400	4,556	0	0	0	0
	283-80.05	Cape Aliaksin	0	0	1,300	2,916	0	0	0	0
	283-80.04	Cape Aliaksin	0	0	6,250	11,387	0	0	0	0
	282-13.04	Pinnacle Point	0	0	10,000	16,847	0	0	0	0
	282-13.03	Bay Point	0	0	36,550	41,392	725	5,551	0	0
	282-13.02	Dry Lagoon	0	0	42,425	52,956	0	0	0	0
	282-12.09	Zachary Bay	0	0	0	0	0	0	0	0
	282-12.08	Zachary Bay	0	0	0	0	15	15	0	0
	282-12.07	Zachary Bay	0	0	325	498	0	0	0	0
	282-12.06	Zachary Bay	0	0	0	0	0	0	0	0
	282-12.05	Zachary Bay	0	0	1,650	2,530	745	813	0	0
	282-12.04	Zachary Bay	0	0	15	23	30	47	0	0

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Appendix K.1. (p 3 of 7)

District	Stream Number	Stream Name	SOCKEYE a/ Peak Count	SOCKEYE a/ Total Est. Escap.	PINK b/ Peak Count	PINK b/ Total Est. Escap.	CHUM b/ Peak Count	CHUM b/ Total Est. Escap.	COHO c/ Peak Count	COHO c/ Total Est. Escap.
	282-12.03	Zachary Bay	0	0	220	337	0	0	0	0
	282-12.02	Zachary Bay	0	0	20	31	55	55	0	0
	282-12.01	Coal Harbor	0	0	20	31	0	0	0	0
	282-11.03	Little Harbor	0	0	100	100	0	0	0	0
	282-10.16	Ben Green Bight	0	0	9,250	15,217	0	0	0	0
	282-10.15	Squaw Harbor	0	0	21,550	47,015	0	0	0	0
	282-10.14	Squaw Harbor	0	0	2,700	2,700	0	0	0	0
	282-10.13	Baralof Harbor	0	0	0	0	0	0	0	0
	282-10.12	Unga Cape Stream	0	0	0	0	0	0	0	0
	282-10.11	Delarof Habor	0	0	2,700	5,379	0	0	0	0
	282-10.04	Acheredin Lake System	6,775	8,469	0	0	0	0	0	0
	282-10.03	Apollo Creek	0	0	2,750	6,103	0	0	0	0
	282-10.02	Acheredin Bay	0	0	3,550	6,537	0	0	0	0
		Subtotal	17,275	29,469	422,910	639,915	94,795	130,816	0	0
Southcentral										
	283-70.05	Beaver River	0	0	4,800	8,271	9,900	10,570	0	0
	283-70.04	Smiley's Creek	0	0	3,100	5,683	0	0	0	0
	283-70.03	McGinty Point	0	0	5,200	13,333	0	0	0	0
	283-70.02	East of Mino Creek	0	0	14,800	22,213	0	0	0	0
	283-70.01	Mino Creek	60	75	97,550	186,067	0	0	0	0
	283-64.10	Ness Creek	0	0	2,200	3,603	0	0	0	0
	283-64.08	Entrance Creek	0	0	26,150	36,813	0	0	0	0
	283-64.06	Canoe Bay River	2,700	5,400	5,000	5,000	54,500	56,427	0	0
	283-64.05	Bluff Point Creek	0	0	5,100	12,865	12,100	12,100	0	0
	283-63.16	Settlement Point	0	0	190,000	271,813	0	0	0	0

-Continued-

District	Stream Number	Stream Name	SOCKEYE a/ Peak Count	SOCKEYE a/ Total Est. Escap.	PINK b/ Peak Count	PINK b/ Total Est. Escap.	CHUM b/ Peak Count	CHUM b/ Total Est. Escap.	COHO c/ Peak Count	COHO c/ Total Est. Escap.
	283-63.15	Middle Creek	0	0	107,000	157,374	0	0	0	0
	283-63.13	Ruby's Lagoon (Jackson's Lagoon)	0	0	0	0	8,000	8,000	0	0
	283-63.10	Chinaman Lagoon Center	0	0	0	0	9,000	9,000	0	0
	283-63.04	Unnamed	0	0	1,700	1,700	800	800	0	0
	283-62.05	Coal Bay	0	0	52,000	101,237	0	0	0	0
	283-62.04	Coal Bay	0	0	9,500	16,350	0	0	0	0
	283-62.03	Coal Bay	0	0	400	400	0	0	0	0
	283-62.02	Coal Bay	0	0	600	600	0	0	0	0
	283-62.02	Cape Tolstoi	0	0	0	0	0	0	0	0
	283-61.04	Long John Lagoon	1,500	3,000	0	0	0	0	0	0
	283-61.03	Long John Lagoon	0	0	300	300	100	100	0	0
	283-61.02	Long John Lagoon	0	0	1,500	2,560	5,200	8,777	0	0
		Subtotal	4,260	8,475	526,900	846,182	99,600	105,774	0	0
Southwestern										
	283-52.10	Dushkin Lagoon	0	0	0	0	4,000	4,000	0	0
	283-52.08	Volcano River	0	0	3,400	3,524	28,000	28,283	0	0
	283-52.07	Volcano Center Sloughs	0	0	3,000	4,993	39,000	39,000	0	0
	283-52.06	West Springholes	0	0	33,000	33,880	400	400	0	0
	283-52.05	Streamguard Creek	0	0	1,900	1,900	200	200	0	0
	283-52.04	Stub Creek	0	0	7,500	7,500	0	0	0	0
	283-52.03	Little Bear Bay	0	0	17,200	17,200	10,000	10,000	0	0
	283-52.01	Nikolaski Spit	0	0	6,000	9,078	0	0	0	0
	283-51.06	Dolgoi Harbor Southwest	0	0	3,800	5,764	0	0	0	0
	283-51.05	Dolgoi Harbor South	0	0	300	300	0	0	0	0
	283-51.03	Dolgoi Harbor	0	0	200	200	0	0	0	0

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Appendix K.1. (p 5 of 7)

District	Stream Number	Stream Name	SOCKEYE a/ Peak Count	SOCKEYE a/ Total Est. Escap.	PINK b/ Peak Count	PINK b/ Total Est. Escap.	CHUM b/ Peak Count	CHUM b/ Total Est. Escap.	COHO c/ Peak Count	COHO c/ Total Est. Escap.
	283-42.12	Rocky River	0	0	15,500	21,347	0	0	0	0
	283-42.10	Kitchen Anchorage	0	0	9,000	9,000	0	0	0	0
	283-42.09	Captain's Harbor	0	0	7,000	7,000	0	0	0	0
	283-42.07	Belkofski Bay River	0	0	800	1,760	57,000	62,893	0	0
	283-42.06	Belkofski Bay Beach	0	0	900	1,807	0	0	0	0
	283-42.05	Belkofski Bay West	0	0	5,500	7,667	0	0	0	0
	283-42.03	Indian Head	0	0	6,000	9,108	0	0	0	0
	283-41.01	Belkofski Village	0	0	28,700	42,200	400	400	0	0
	283-34.11	Lenard Harbor South	0	0	100	100	0	0	0	0
	283-34.10	Lenard Harbor Main	0	0	3,600	3,600	13,000	24,741	0	0
	283-34.09	Barney's Creek	0	0	4,300	11,107	400	400	0	0
	283-34.07	Kinzarof Lagoon	50	100	0	0	0	0	0	0
	283-34.06	Kinzarof Lagoon	200	400	0	0	0	0	0	0
	283-34.05	Kinzarof Lagoon	10	20	0	0	0	0	0	0
	283-34.03	Trout Creek	0	0	0	0	70	70	0	0
	283-34.02	Russel Creek	160	320	18,900	18,900	56,600	94,480	0	0
	283-34.01	Mortensen Lagoon	1,400	2,800	0	0	0	0	600	1,440
	283-33.05	Ram's Creek	0	0	21,600	24,370	0	0	0	0
	283-33.04	King Cove Lagoon	0	0	0	0	3,200	3,200	0	0
	283-33.03	King Cove West	0	0	0	0	2,100	2,100	0	0
	283-32.01	Old Man's Lagoon	0	0	0	0	800	800	0	0
	283-31.10	Eastern Creek	0	0	39,400	40,681	0	0	0	0
	283-31.06	Southern Creek	0	0	61,500	102,403	0	0	0	0
	283-31.05	Deer Island	0	0	1,000	1,833	0	0	0	0
	283-31.03	Fox Island Anchorage West	0	0	8,800	17,980	0	0	0	0
	283-31.02	Fox Island Anchorage Center	0	0	3,000	3,423	0	0	0	0

-Continued-

District	Stream Number	Stream Name	SOCKEYE a/ Peak Count	SOCKEYE a/ Total Est. Escap.	PINK b/ Peak Count	PINK b/ Total Est. Escap.	CHUM b/ Peak Count	CHUM b/ Total Est. Escap.	COHO c/ Peak Count	COHO c/ Total Est. Escap.
	283-31.01	Fox Island Anchorage East	0	0	31,500	34,780	0	0	0	0
	283-23.03	Verskin's Bight	0	0	12,000	39,827	0	0	0	0
	283-20.10	Thin Point Lake	3,000	6,000	0	0	0	0	0	0
	283-20.09	Thin Point Lake Stream	3,800	7,600	0	0	0	0	0	0
	283-20.06	Thin Point Lagoon & Entrance	7,800	15,600	0	0	0	0	1,000	2,400
	283-20.04	Southwest Bight	0	0	2,800	3,033	0	0	0	0
	283-20.01	Sandy Cove	0	0	6,200	13,813	38,000	46,943	0	0
	283-12.13	Little John Lagoon	0	0	400	1,200	4,400	12,667	0	0
	283-12.12	Little John Lagoon Spit	0	0	0	0	400	400	0	0
	283-12.11	Cannery Creek	0	0	800	800	400	400	0	0
	283-12.05	Middle Lagoon	5,500	11,000	0	0	0	0	0	0
	283-12.01	Hansen's Creek	50	100	6,400	20,229	0	0	0	0
	283-11.01	Egg Island	0	0	1,800	2,970	100	100	0	0
	284-60.08	Deadman's Cove	200	400	29,000	40,287	0	0	0	0
	284-60.07	Whalebone Bay	1,200	2,400	200	293	0	0	0	0
	284-60.06	Sankin Bay	0	0	2,000	2,000	0	0	0	0
	284-60.05	Whirl Point	0	0	800	1,580	0	0	0	0
	284-60.04	Ikatan River	0	0	1,000	1,000	0	0	0	0
	284-60.03	Swede's Lake	400	800	150	220	0	0	0	0
	284-60.01	Ikatan Point	0	0	2,700	2,700	0	0	0	0
	284-50.00	Dora Harbor Left	0	0	100	100	0	0	0	0
		Subtotal	23,770	47,540	409,750	573,457	258,470	331,477	1,600	3,840

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Appendix K.1. (p 7 of 7)

District	Stream Number	Stream Name	SOCKEYE a/ Peak Count	SOCKEYE a/ Total Est. Escap.	PINK b/ Peak Count	PINK b/ Total Est. Escap.	CHUM b/ Peak Count	CHUM b/ Total Est. Escap.	COHO c/ Peak Count	COHO c/ Total Est. Escap.
Unimak										
	284-40.09	Otter Cove North	0	0	6,000	6,000	0	0	0	0
	284-40.08	Otter Cove South	0	0	1,200	1,467	300	300	0	0
	284-40.05	Lazaref	0	0	400	400	100	100	0	0
	283-10.(?)	Sanak Village	20	40	300	300	0	0	0	0
	283-10.(?)	Sanak Island West	800	1,600	1,900	1,900	0	0	0	0
	283-10.(?)	Dodd's Bay West	700	1,400	2,000	2,000	0	0	0	0
	283-10.(?)	Dodd's Bay East	0	0	200	200	0	0	0	0
	283-10.(?)	Sandy Bay	700	1,400	0	0	0	0	0	0
	283-10.(?)	Salmon Bay	2,700	5,400	1,000	1,000	0	0	5	12
		Subtotal	4,920	9,840	13,000	13,267	400	400	5	12
TOTAL			50,225	95,324	1,372,560	2,072,821	453,265	568,467	1,605	3,852

a/ Total estimated escapements for sockeye are determined by multiplying the peak counts by 1.25 for clear, shallow systems and 2.0 for all other systems.

b/ Escapements determined from spawner abundance curves derived from aerial escapement surveys under fair or better survey conditions and an assumed, 15 day average stream life. The exception was that the peak count was used in instances when the peak count exceeded the computed estimate.

c/ Total estimated escapements for coho are determined by multiplying the peak counts by 2.4. The surveys represent a minimum count of the coho escapement which generally enter streams after surveys are completed.

Appendix K.2. Peak escapement counts and estimated total escapements by stream for the Unalaska District of the Aleutian Islands Management Area, 1986.

District	Stream Number	Stream Name	Sockeye a/ Peak Count	Sockeye a/ Total Est. Escap.	Pink b/ Peak Count	Pink b/ Total Est. Escap.	Chum b/ Peak Count	Chum b/ Total Est. Escap.
Unalaska	302-	Akutan Harbor	0	0	300	300	0	0
	302-40.10	Humpy Cove (Summer Bay)	0	0	1,400	2,604	0	0
	302-40.09	Summer Bay Lake	0	0	100	100	0	0
	302-40.08	Unalaska Village	0	0	6,500	6,500	0	0
	302-40.07	Pyramid Creek	0	0	50	50	0	0
	302-40.06	Captain's Bay	0	0	1,500	2,992	6	23
	302-40.05	Nateekin River	0	0	19,500	19,500	0	0
	302-40.03	Makushin Valley	0	0	7,800	7,800	0	0
	302-15.07	McLee's Lake	1,900	3,800	0	0	0	0
	302-15.05	Driftwood Bay	0	0	300	300	0	0
	302-14.20	Makushin Village	0	0	1,500	1,500	0	0
	302-14.18	Glacier Valley	0	0	43,000	43,000	0	0
	302-14.17	Humpback Bay	0	0	3,600	3,600	0	0
	302-14.16	Humpback Bay	0	0	13,600	13,600	0	0
	302-13.10	Volcano Bay	300	600	0	0	0	0
	302-13.05	Skan Bay	0	0	1,100	1,100	0	0
	302-12.15	Pumicestone Bay	0	0	200	200	0	0
	302-12.11	Pumicestone Bay	0	0	6,600	6,600	0	0
	302-12.07	Kashega Lake West	3,000	6,000	0	0	0	0
	302-12.07	Kashega Lake East	1,400	2,800	13,800	13,800	0	0
	302-12.04	Kismaliuk Bay	0	0	3,700	3,700	0	0
	302-12.03	Kismaliuk Bay	0	0	2,300	2,300	0	0
	302-11.08	Chernofski Harbor	0	0	4,400	4,400	0	0

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Appendix K.2. (p 2 of 2)

District	Stream Number	Stream Name	Sockeye a/ Peak Count	Sockeye a/ Total Est. Escap.	Pink b/ Peak Count	Pink b/ Total Est. Escap.	Chum b/ Peak Count	Chum b/ Total Est. Escap.
	302-11.06	Station Bay	0	0	2,500	2,500	0	0
	302-11.05	Station Bay	0	0	200	200	0	0
	302-11.04	Station Bay West Arm	0	0	200	200	0	0
TOTAL			6,600	13,200	134,150	136,846	6	23

a/ Total estimated escapements are determined from peak counts, multiplied the peak count by 2.0.

b/ Escapements determined from spawner abundance curves derived from aerial escapement surveys under fair or better survey conditions and on assumed, 15 day average stream life. The exception was that the peak count was used in instances when the peak count exceeded the computed estimate.

Appendix K.3. Peak escapement counts and estimated total escapement by district and stream for the North Peninsula Management Area, 1986.

District	Stream Number	Stream Name	CHINOOK a/ Peak Count	CHINOOK a/ Total Est. Escap.	SOCKEYE b/ Peak Count	SOCKEYE b/ Total Est. Escap.	PINK c/ Peak Count	PINK c/ Total Est. Escap.	CHUM c/ Peak Count	CHUM c/ Total Est. Escap.	COHO d/ Peak Count	COHO d/ Total Est. Escap.
Northwestern												
	311-30.05	Unnamed	0	0	0	0	300	300	0	0	0	0
	311-30.07	Whaleback Mountain Creek	0	0	36,300	45,375	0	0	500	733	0	0
	311-30.08	Christianson Lagoon	0	0	500	625	0	0	0	0	0	0
	311-30.09	Mudhole	0	0	1,200	1,500	0	0	1,200	1,200	0	0
	311-30.10	Clear Lagoon	0	0	150	300	0	0	10	10	0	0
	311-40.01	Emil's River	0	0	30	60	0	0	300	300	0	0
	311-50.01	Big River	0	0	0	0	0	0	300	300	0	0
	311-50.02	Swanson Lagoon	0	0	5,700	7,125	0	0	5,100	9,083	2,000	4,000
	311-60.01	St. Catherine Cove	0	0	0	0	600	1,360	5,200	5,857	200	480
	311-60.06	Anderson Creek	0	0	0	0	2,500	2,520	100	100	0	0
	311-60.07 & 08	Trader's Cove	0	0	0	0	3,200	3,662	4,800	15,533	0	0
	311-60.12	Warmsprings Bay	0	0	0	0	0	0	3,800	3,800	0	0
	311-60.13	Hungry's Creek	0	0	100	200	2,000	2,000	0	0	0	0
	312-20.01	Norma Creek	0	0	260	520	0	0	0	0	0	0
	312-20.02	Mike's Duck Camp	0	0	0	0	0	0	1,100	1,818	0	0
	312-20.03	Alligator Hole	0	0	0	0	0	0	8,500	14,925	0	0
	312-20.52	Unnamed	0	0	1,000	2,000	0	0	1,300	1,300	0	0
	312-20.51	Unnamed	0	0	0	0	0	0	1,700	1,700	0	0
	312-20.04	Norma Bay	0	0	0	0	0	0	400	670	0	0
	312-20.05	Frosty Creek	0	0	0	0	0	0	3,900	5,606	0	0
	312-20.06	Bluebill Lake	0	0	2,300	4,600	0	0	0	0	0	0
	312-20.13	Outer Marker	0	0	260	520	0	0	200	200	0	0
	312-40.00	Unnamed	0	0	0	0	0	0	400	400	0	0
	312-40.01	Joshua Green River A & B	0	0	8,800	17,600	0	0	46,100	121,173	0	0
	312-40.02	Moffet Springs Creek	0	0	100	200	0	0	4,200	6,245	0	0
	312-40.03	Moffet Point	0	0	3,000	3,750	0	0	4,800	12,080	0	0
		Subtotal	0	0	59,700	84,375	8,600	9,842	93,910	203,033	2,200	5,280
Northern												
	313-10.02	North Creek	200	1,535	2,100	3,625	0	0	700	887	0	0
	313-10.05	Catnedral River	0	0	20	25	0	0	0	0	0	0
	313-10.06	Trader Mountain Creek	0	0	200	400	0	0	0	0	0	0
	313-10.11	Black Hills Creek	1,300	2,496	0	0	0	0	0	0	0	0
	313-10.14	Steelhead Creek	900	1,728	0	0	0	0	0	0	0	0
	313-30.(?)	Coastal Lake	0	0	200	250	0	0	0	0	0	0
	313-30.01	David's River	0	0	2,600	3,250	0	0	0	0	700	1,680

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District	Stream Number	Stream Name	CHINOOK a/ Peak Count	CHINOOK a/ Total Est. Escap.	SOCKEYE b/ Peak Count	SOCKEYE b/ Total Est. Escap.	PINK c/ Peak Count	PINK c/ Total Est. Escap.	CHUM c/ Peak Count	CHUM c/ Total Est. Escap.	COHO d/ Peak Count	COHO d/ Total Est. Escap.
	313-30.02	Caribou River	0	0	1,400	2,800	0	0	0	0	0	0
	313-30.03	Nelson River/Hoodoo Lake A,B,&C	4,600	8,832	10,209 e/	117,048 f/	0	0	5,000	7,167	23,000	55,200
	313-30.03	Petterson Creek	50	96	0	0	0	0	0	0	0	0
	314-20.02	Doe Valley	0	0	0	0	0	0	800	1,484	0	0
	314-20.03	Buck Valley	0	0	0	0	0	0	1,400	1,628	0	0
	314-20.04	Deer Valley	0	0	0	0	0	0	6,400	11,980	0	0
	314-20.05	Portage Valley	0	0	0	0	0	0	1,350	1,350	0	0
	314-20.06	Grass Valley	0	0	300	375	0	0	8,000	8,000	0	0
	314-20.07	Lawrence Valley	0	0	0	0	0	0	14,000	16,400	0	0
	314-20.08	Mine Harbor	0	0	0	0	0	0	125	129	0	0
	314-20.09	Coal Creek	0	0	3	6	0	0	2,900	2,900	0	0
	314-30.04	Mud Bay	0	0	0	0	0	0	1,400	1,400	0	0
	314-30.05	Mud Bay	0	0	0	0	0	0	1,500	2,410	0	0
	314-30.07	Right Head	0	0	0	0	0	0	350	1,014	0	0
	314-30.09	Right Head Creek	0	0	0	0	0	0	3,800	5,942	0	0
	314-30.10	Left Head Creek	0	0	0	0	0	0	4,200	4,200	0	0
	315-30.01	Frank's Lagoon	0	0	0	0	0	0	5,700	5,700	0	0
	315-10.02	King Salmon River	220	422	0	0	0	0	700	1,030	0	0
	315-11.02	Bear River	340	653	21,402 e/	273,374 f/	0	0	0	0	0	0
	315-12.00	Sandy River	0	0	6,500	10,488	0	0	0	0	0	0
	316-10.01	Lime Creek	0	0	20	40	0	0	40	40	0	0
	316-10.02	Unnamed	0	0	1	2	0	0	5	5	0	0
	316-10.04	Three Hills	0	0	60	120	0	0	0	0	0	0
	316-10.05	Ocean River	0	0	4,200	8,400	0	0	0	0	0	0
	316-10.06	Willie Creek	0	0	8,700	10,875	0	0	0	0	0	0
	316-20.01	Ilnik Estuary & River	0	0	44,200	55,250	0	0	0	0	25,000	60,000
	317-1	Unnamed	0	0	0	0	0	0	0	0	0	0
	317-2	Charles Creek	150	298	330	660	0	0	0	0	0	0
	317-4	Red & Yellow Bluffs	150	288	3,200	6,000	0	0	1,150	8,127	0	0
	317-7.A	Meshik River	0	0	28,000	56,000	0	0	730	1,493	8,000	19,200
	317-7.B	Braided Creek	25	48	50	100	0	0	220	338	0	0
	317-7.C	Landlocked Creek	0	0	1,000	2,000	0	0	30	30	0	0
	317-7.E	Blue Violet Creek	400	768	7,200	14,400	0	0	1,330	1,330	0	0
	317-7.H	Shoe Creek	0	0	550	1,100	0	0	3,300	3,300	0	0
	317-7.K	Unnamed	0	0	3,100	6,200	0	0	350	350	0	0
	317-7.L	Unnamed	0	0	3,350	4,700	0	0	350	350	0	0
	317-7.O	Plenty Bear Creek	650	1,248	0	0	0	0	2,200	2,200	0	0

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District	Stream Number	Stream Name	CHINOOK a/ Peak Count	CHINOOK a/ Total Est. Escap.	SOCKEYE b/ Peak Count	SOCKEYE b/ Total Est. Escap.	PINK c/ Peak Count	PINK c/ Total Est. Escap.	CHUM c/ Peak Count	CHUM c/ Total Est. Escap.	COHO d/ Peak Count	COHO d/ Total Est. Escap.
	317-7.0A	Unnamed	40	77	0	0	0	0	380	380	0	0
	317-7.P	Waterfall Creek	0	0	25	50	0	0	100	100	0	0
	317-7.R	Rainbow Creek	850	1,632	0	0	0	0	450	450	0	0
	317-7.T	Cub Creek	0	0	0	0	0	0	5	5	0	0
	317-8	Birthday Creek	0	0	0	0	0	0	850	850	0	0
	318-20.4	Mud Creek	0	0	0	0	0	0	0	0	3,000	7,200
	318-20.6.A	Cinder River	1,000	1,920	8,000	16,000	0	0	1,000	1,000	2,000	4,800
	318-20.6.D	Lava Creek	100	192	17,000	34,000	0	0	0	0	0	0
	318-20.6.E	High Creek	0	0	320	640	0	0	0	0	0	0
	318-20.6.H	Meloy Creek	130	250	330	660	0	0	80	80	0	0
	318-20.6.J	Wiggly Creek	150	288	0	0	0	0	950	950	0	0
	318-20.6.K	Ray Creek	150	288	0	0	0	0	100	100	0	0
	318-20.6.L	Unnamed	140	269	0	0	0	0	30	30	0	0
		Subtotal	12,145	23,319	173,770	627,838	0	0	70,845	93,999	61,700	158,640
TOTAL			12,145	23,319	233,470	712,213	8,600	9,842	164,755	297,032	63,900	163,920

a/ Total estimated escapements for chinook are determined by multimplying the peak counts by 1.92.

b/ Total estimated escapements for sockeye are determined by multiplying the peak counts by 1.25 for shallow, clear systems and by 2.0 for all other systems.

c/ Escapements determined from spawner abundance curves derived from aerial escapement surveys under fair or better survey conditions and an assumed, 15 day average stream life. The exception was that the peak count was used in instances when the peak count exceeded the computed estimate.

d/ Total estimated escapements for coho salmon are determined by multiplying the peak counts bt 2.4. The surveys represent a minimum count of the coho escapement which generally enter streams after surveys are completed.

e/ The peak counts were determined by the greatest daily count at the weir site.

f/ Total estimated escapement was determined by weir counts.

Appendix L.1. Length and weight composition of a nonrandom sample of sockeye salmon from the Southeast Mainland Area 12 July 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
612	3.99	584	3.22	591	3.04
632	4.40	574	3.08	622	4.49
572	3.04	618	4.54	568	3.08
586	3.45	599	3.90	609	3.86
550	2.81	585	3.27	479	1.68
528	2.31	452	1.63	598	3.36
611	3.99	549	2.63	568	3.18
516	2.13	590	3.54	443	1.36
652	5.08	544	2.63	477	1.68
534	2.63	620	4.26	540	2.49
620	4.40	609	4.67	591	3.99
504	2.04	579	3.04	596	3.63
579	3.13	600	3.76	563	2.59
619	4.31	496	2.36	626	3.76
594	3.72	500	2.00	625	4.17
626	4.54	617	3.95	527	2.27
542	2.49	570	3.27	634	3.76
538	2.59	508	2.18	538	1.95
569	2.86	520	2.49	635	4.49
503	2.00	615	3.90	546	2.36
604	3.99	518	2.27	507	2.00
523	2.36	649	4.54	542	2.27
589	3.63	586	3.31	562	3.08
632	4.85	598	3.95	607	4.22
505	2.09	559	2.81	552	2.54
452	1.68	598	4.08	603	3.76
613	4.45	539	3.36	579	4.72
536	2.40	583	3.45	505	2.40
474	1.81	612	4.13	520	2.40
525	2.49	488	1.81	524	2.36
591	3.99	618	4.58	490	1.91
624	4.45	484	2.13	461	1.63
604	3.72	599	3.95	522	1.95
599	4.17				

Appendix L.2. Length and weight composition of a nonrandom sample of sockeye salmon from the Shumagin Islands Section 18 July 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
595	3.36	489	2.00	642	4.58
542	2.45	641	4.94	611	4.90
571	3.49	484	1.95	610	3.95
581	3.18	611	4.08	532	2.36
502	2.13	632	4.72	576	3.18
613	4.54	527	2.49	601	3.63
579	3.40	597	3.95	552	2.72
471	1.91	474	1.81	570	3.31
557	3.04	457	1.81	592	3.90
603	3.95	558	2.86	593	3.86
498	2.13	568	2.99	533	2.59
545	2.72	634	2.81	612	4.40
604	3.45	562	2.81	553	2.45
535	2.45	524	2.63	538	2.45
477	1.77	623	3.95	624	2.59
457	1.54	622	4.54	639	4.54
609	3.95	647	4.72	456	1.59
604	4.26	597	3.63	639	4.40
625	4.35	691	4.49	541	2.36
607	3.31	534	2.45	577	2.72
531	2.27	641	4.90	612	4.31
522	2.00	537	2.00	561	3.08
528	2.59	551	2.86	617	4.45
619	4.40	600	3.72	642	4.81
623	4.35	568	2.72	657	3.27
463	2.40	510	2.04	483	1.77
610	4.22	569	2.90	606	3.95
617	4.40	543	2.45	537	2.36
577	3.49	600	3.81	581	3.45
601	3.99	624	4.54	520	2.13
579	3.45	584	3.31	616	4.72
604	4.22	506	2.13	540	2.54
508	2.00	570	3.49	496	2.00
535	2.72				

Appendix L.3. Length and weight composition of a nonrandom sample of chum salmon from the Shumagin Islands Section 18 July 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
627	3.54	612	3.86	646	4.26
622	3.99	626	4.40	650	4.81
610	3.27	545	1.95	553	2.31
518	1.91	614	4.13	544	2.18
572	2.59	488	2.95	574	2.99
539	1.81	544	2.13	529	2.09
619	4.17	586	2.54	436	1.00
515	2.18	597	3.81	564	2.40
493	1.54	484	1.41	534	2.27
633	3.99	621	3.90	672	5.67
563	2.36	662	4.94	498	1.81
625	3.36	670	3.36	618	3.72
564	3.08	538	2.00	625	4.54
619	3.04	549	2.40	618	4.45
498	1.54	600	3.63	651	4.40
584	2.72	481	1.22	636	3.99
613	4.22	547	2.59	629	3.95
619	3.04	688	5.13	617	3.81
681	3.49	589	3.08	568	2.18
537	2.00	591	3.45	578	2.86
641	3.95	533	1.91	618	3.81
545	2.18	590	2.99	594	2.99
626	4.22	673	3.58	568	2.59
555	2.49	607	3.27	608	3.72
618	3.45	612	3.27	603	3.72
733	6.67	610	3.36	609	4.26
560	2.59	595	2.81	533	2.40
554	2.18	596	2.99	614	3.95
602	3.49	616	3.95	557	2.72
623	3.95	649	4.26	539	1.91
637	4.17	619	4.22	622	4.17
583	2.45	516	1.68	636	3.63
523	1.81	630	3.72	540	2.31
660	4.40				

Appendix L.4. Length and weight composition of a nonrandom sample of chum salmon from the Ikatan Peninsula to Cape Lazaref Area 11 June 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
575	5.13	625	7.12	528	3.67
585	5.03	636	7.94	552	4.35
619	6.62	543	4.08	569	4.45
522	3.58	539	3.90	638	8.07
594	5.40	632	7.21	529	4.22
588	4.94	545	3.81	498	2.77
574	4.76	534	3.76	612	6.89
581	5.13	501	2.81	603	6.08
626	7.35	491	2.95	625	6.58
524	3.54	581	4.99	628	6.89
590	5.40	589	5.58	613	6.89
501	3.45	568	4.13	568	5.03
626	5.72	480	2.68	695	10.02
566	4.99	529	3.63	596	8.85
634	5.75	535	3.67	620	7.08
541	4.49	622	6.17	537	3.45
554	4.45	558	4.49	633	7.30
588	5.53	581	5.94	582	5.53
607	6.94	510	3.67	643	7.26
528	3.40	512	4.40	498	3.58
516	3.58	580	4.76	544	4.04
633	7.12	491	2.99	492	3.36
550	4.45	607	6.49	515	3.45
525	3.81	589	5.90	521	3.86
530	4.26	546	4.58	642	7.89
586	5.44	477	2.99	555	5.03
533	3.90	542	4.04	611	6.30

Appendix L.5. Length and weight composition of a nonrandom sample of chum salmon from the Cape Lutke Section 11 June 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
568	4.63	526	3.99	509	3.72
561	5.85	575	4.99	533	3.99
514	3.40	550	4.81	559	4.72
665	7.62	605	6.44	568	5.08
632	6.99	641	7.98	529	7.53
547	4.04	528	4.58	551	4.58
568	4.81	581	6.12	604	6.26
578	4.26	579	5.99	542	3.81
536	4.58	621	5.31	514	3.90
624	7.57	519	3.45	612	6.85
628	7.03	521	3.76	539	4.63
614	6.76	698	8.21	545	4.13
576	4.63	609	6.89	624	7.48
548	4.45	620	6.85	507	3.58
646	7.94	544	3.72	641	7.44
566	5.35	541	4.17	619	7.08
588	6.53	547	4.04		

Appendix L.6. Length and weight composition of a nonrandom sample of sockeye salmon from the Urilia Bay Section 12 June 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
468	1.54	566	4.76	553	4.35
465	1.59	437	1.22	490	3.45
548	4.31	407	0.95	503	3.22
562	4.99	472	1.50	491	3.31
492	1.72	523	3.86	362	0.82
527	3.63	530	3.81	592	6.08
590	5.76	603	5.44	628	6.76
572	5.31	553	4.54	552	4.54
552	4.17	408	0.95	457	1.36
448	1.36	563	4.85	410	1.13
562	4.63	552	4.54	472	1.63
500	1.91	540	3.95	442	1.22
610	5.44	470	2.90	500	3.49
410	1.04	590	6.49	415	0.95
588	5.90	593	6.21	498	3.58
575	4.90	590	5.44	398	1.00
428	1.27	400	0.91	553	4.35
610	6.80	573	4.22	608	5.99
578	4.85	563	3.99	611	6.80

Appendix L.7. Length and weight composition of a nonrandom sample of chinook salmon from the Nelson Lagoon Section 16 June 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
827	8.39	825	8.21	883	11.43
860	10.93	483	2.00	800	8.94
674	5.35	851	11.43	513	2.54
796	7.67	941	13.15	642	4.35
960	13.93	883	11.97	481	2.04
721	6.53	800	9.07	843	10.07
886	10.52	895	11.39	479	1.86
841	9.48	800	7.67	502	2.13
546	2.72	528	2.49	881	10.93
468	1.81	834	9.53	800	7.30
508	2.40	753	6.49	825	9.16
719	5.94	804	9.03	575	3.18
697	6.21	839	9.71	690	5.58
770	7.71	570	3.22	599	2.00
486	1.81	836	9.16	506	2.09
706	4.58	792	7.85	501	2.09
830	9.71	641	4.35	799	8.39
825	8.30	848	8.71	530	2.59
742	6.85	532	2.68	556	3.27
720	5.53	545	2.54	698	5.35
828	10.02	545	2.81	485	1.91
695	5.72	516	2.36	550	2.68
524	2.36	778	7.57	631	3.90
796	8.16	825	8.75	770	8.03
819	8.71	502	2.09	585	3.63
603	3.67	773	7.53	881	11.75
798	7.67	509	2.40	519	2.54
930	13.93	548	2.90	497	2.00
798	8.35	667	5.62	830	9.21
491	2.13	675	5.49	498	2.13
525	2.27	724	6.76	773	7.94
521	2.09				

Appendix L.8. Length and weight composition of a nonrandom sample of sockeye salmon from the Nelson Lagoon Section 9 July 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
600	3.63	542	2.95	634	4.35
588	2.95	540	2.72	542	2.54
627	4.08	534	2.22	596	4.08
575	2.49	595	3.22	617	4.17
626	4.08	524	2.40	595	2.86
540	2.04	605	3.90	510	3.36
604	4.08	634	4.40	573	3.08
574	2.95	561	2.90	582	3.36
578	3.63	606	4.13	536	2.72
600	3.18	594	3.31	596	3.36
489	1.36	532	2.40	581	3.04
570	3.08	510	2.31	535	2.45
576	2.95	580	2.90	436	1.50
646	4.54	576	3.18	596	3.95
624	3.63	535	2.81	589	3.81
550	2.63	584	3.54	626	4.81
552	2.72	593	3.31	587	3.31
552	2.27	596	3.40	561	3.36
596	3.18	576	2.95	636	4.31
464	1.81	584	3.04	561	3.18
524	2.49	646	4.63	612	3.99
625	3.63	576	3.27	600	3.81
625	4.54	601	3.45	580	3.13
608	4.45	586	3.18	567	2.90
595	3.40	606	4.08	620	3.99
567	2.49	586	3.31	610	3.95
614	3.18	584	3.36	593	3.40
604	3.40	644	4.94	556	3.08
597	3.31	547	2.68	525	2.27
606	4.08	530	2.45	577	3.40
577	3.40	626	4.40	577	2.95
555	3.18	610	4.63	670	5.35
536	2.95	586	3.54	573	2.99
630	4.99				

Appendix L.9. Length and weight composition of a nonrandom sample of chum salmon from the Nelson Lagoon Section 7 August 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
573	2.72	563	2.49	610	2.72
602	3.40	630	3.40	560	2.49
590	2.95	542	2.27	591	3.08
602	3.31	570	2.49	620	4.08
610	3.31	597	3.18	635	4.31
532	2.49	589	3.08	580	2.72
595	3.18	594	2.95	533	2.27
542	2.04	640	4.31	602	3.63
590	2.95	647	4.08	585	2.72
580	2.95	600	3.31	625	3.40
575	2.86	546	2.63	585	2.95
586	2.49	523	1.95	570	2.95
596	3.18	600	2.72	532	2.04
601	3.31	595	2.95	525	1.81
580	2.72	554	2.27	572	2.63
612	3.40	536	2.27	601	2.95
567	2.72	606	3.18	595	3.40
596	3.18	575	2.63	560	2.72
593	3.08	530	2.04	579	2.72
550	2.49	613	3.86	640	4.08
580	2.72	525	2.04	572	2.95
604	3.63	625	3.54	586	3.18
600	3.31	596	2.95	578	2.95
595	3.18	610	3.08	564	2.49
640	4.54	594	3.08	626	3.86
577	2.95	563	2.72	600	3.40
585	3.18	625	3.40	600	3.63
584	2.95	570	2.72	560	2.95
574	2.72	600	3.40	622	3.08
471	1.59	632	3.99	545	2.27
566	2.95	607	3.63	552	2.49
580	3.18	600	3.18	534	2.04
606	3.63	591	2.72	489	1.81
567	2.86	637	3.86	540	2.27
586	2.95	608	3.40	600	3.40
563	2.95	570	2.72	625	3.76
575	2.72	600	2.86	544	2.27
573	2.27	599	2.95	550	2.27
599	3.18	540	1.81	505	1.81

Appendix L.10. Length and weight composition of a nonrandom sample of coho salmon from the Nelson Lagoon Section 18 August 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
643	4.40	525	2.77	593	3.36
655	4.13	576	3.08	653	5.40
613	4.13	501	2.22	660	5.08
615	4.76	524	2.68	636	5.08
641	4.67	527	2.72	633	4.90
570	3.22	595	3.81	641	4.94
510	2.04	613	3.76	529	2.49
581	3.13	680	4.99	546	2.54
552	2.95	631	4.49	475	1.77
592	3.81	631	4.72	523	1.59
516	2.13	490	2.22	550	2.68
484	1.81	493	2.00	663	5.58
446	1.54	445	1.72	583	3.67
442	2.31	501	2.22	657	4.63
536	2.54	583	3.22	647	4.54
635	4.54	649	5.03	590	3.99
635	4.58	652	4.99	528	2.72
619	3.99	640	4.31	551	2.95
611	3.86	641	4.76	537	3.18
593	3.67	623	4.35	572	3.18
490	2.04	487	2.27	670	6.12
515	2.27	464	2.00	470	1.81
521	2.40	493	2.13	690	6.12
496	2.00	573	2.99	440	1.41
532	2.40	610	3.86	481	1.77
621	4.31	550	2.95	483	1.95
625	4.67	512	2.22	470	1.81
652	4.99	512	2.40	630	4.81
605	4.08	620	3.99	499	2.09
660	4.76	671	5.40	610	4.31
535	2.59	596	4.13	540	2.95
503	2.22	584	3.36	680	5.62
545	2.81	605	3.76	530	2.40
520	2.09	464	1.77	609	4.04
520	2.18	501	1.86	561	2.95
611	4.31	555	2.95		

Appendix L.11. Length and weight composition of a nonrandom sample of chinook salmon from the Harbor Point to Cape Seniavin Area 22 June 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
733	7.35	778	7.48	733	6.12
764	7.39	516	2.27	850	9.16
856	10.02	757	6.71	777	7.26
745	6.94	651	4.90	818	8.12
903	13.06	804	8.85	881	9.34
498	2.27	744	6.30	746	5.76
555	2.86	813	8.35	812	8.26
857	10.07	794	8.12	803	8.89
746	7.30	770	7.26	764	7.35
795	7.67	836	8.71	513	2.31
513	2.22	558	3.04	504	2.18
716	6.30	477	1.81	510	2.54
814	7.85	543	2.86	461	1.63
494	1.91	486	2.00	516	2.36
772	7.26	510	2.22	534	2.36
774	7.03	892	11.66	549	2.72
686	5.26	798	8.21	525	2.68
825	8.89	902	11.61	533	2.27
923	13.24	905	11.79	517	2.45
840	9.89	551	2.72	811	8.44
778	7.26	486	1.95	823	8.21
546	2.77	552	2.77	837	10.12
907	12.93	501	2.13	721	5.72
725	5.67	536	2.49	872	9.16
860	10.93	802	8.16	876	9.07
840	9.21	693	5.31	804	7.98
794	7.12	898	10.25	808	8.62
849	9.66	665	5.22	784	7.89
751	7.71	804	8.71	812	7.98
763	6.85	522	2.27	480	1.91
773	6.89	475	1.68	551	2.86
945	13.34	523	2.45	520	2.40
852	10.25	542	2.77	619	3.54
679	4.99	773	7.48	835	9.12
538	2.72	837	8.53	495	1.86
750	6.89	710	5.99	742	5.72
797	8.44	802	7.98	833	9.25
882	11.34	802	8.30	865	10.07

Appendix L.12. Length and weight composition of a nonrandom sample of sockeye salmon from the Harbor Point to Cape Seniavin Area 16 July 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
617	3.99	576	2.63	530	2.13
612	3.08	584	2.86	510	2.13
560	2.27	554	2.59	524	1.72
503	1.81	597	3.18	491	1.54
520	1.77	487	1.91	582	2.68
585	2.72	580	2.72	550	2.31
616	3.95	560	2.49	524	1.95
582	2.90	564	2.90	573	2.72
600	3.08	521	2.00	546	2.18
544	2.49	561	2.77	600	2.90
585	2.81	549	2.40	640	4.17
542	2.00	522	1.95	571	2.36
560	3.18	563	2.63	570	2.86
496	1.77	602	3.45	497	1.59
482	1.59	601	3.04	550	2.40
586	2.72	440	1.27	534	2.13
530	2.54	520	2.13	540	2.22
569	2.59	501	1.86	551	2.45
524	2.22	544	2.59	500	1.81
574	2.81	465	1.41	533	2.63
561	2.95	475	1.59	464	1.27
600	3.31	561	2.63	611	3.99
571	2.59	579	2.72	550	2.36
505	1.95	562	2.40	565	2.31
543	2.27	542	2.49	589	2.95
552	2.59	596	3.31	484	1.59
525	1.95	561	2.81	519	1.68
582	2.86	579	2.90	646	4.35
574	2.77	460	1.45	583	2.68
583	2.99	579	2.72	545	2.27
591	2.99	572	2.95	603	3.81
596	3.67	475	1.50	492	1.81
602	3.58	572	2.63	495	1.68
532	2.49	590	2.95	579	2.77
453	1.36	480	1.54	594	3.18
581	2.90	470	1.50	576	2.72
483	1.54	500	1.77		

Appendix L.13. Length and weight composition of a nonrandom sample of chum salmon from the Harbor Point to Cape Seniavin Area 17 July and 11 August 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
556	2.54	603	3.67	566	2.59
489	1.72	548	2.40	563	1.95
556	2.72	529	2.18	584	3.45
567	3.36	554	2.27	552	2.49
593	3.40	550	2.54	488	1.41
572	3.13	538	2.27	627	4.08
611	3.67	529	1.72	530	2.18
532	2.31	564	2.86	555	2.59
554	2.63	536	2.31	516	1.91
592	3.49	565	2.45	606	3.45
646	4.94	552	2.49	647	4.54
600	3.49	559	2.45	575	2.81
604	4.08	606	2.99	558	2.68
550	2.68	550	2.59	589	3.04
531	2.36	521	1.91	588	2.99
633	3.81	526	2.04	615	3.49
596	3.72	521	2.31	568	2.63
574	2.63	598	2.81	581	2.90
560	2.72	524	2.00	525	1.81
619	3.63	583	2.77	583	2.54
540	2.49	511	1.77	599	3.90
603	3.58	590	3.58	607	3.08
565	3.04	608	3.63	625	3.76
596	2.77	519	1.81	633	4.13
600	3.08	596	3.36	605	3.45
610	3.58	521	2.36	662	5.49
570	2.81	577	2.86	477	1.59
560	2.59	588	3.22	533	2.31
500	1.95	546	2.27	529	2.00
574	2.95	581	3.22	523	2.18
530	2.22	541	2.40	547	2.13
576	2.99	580	3.04	505	3.49
534	2.36	573	2.81	609	3.36
529	1.86	542	2.18	549	2.49
547	2.13	564	2.31	548	2.04
506	1.91	630	4.63	600	3.40
558	2.31	525	2.22		

Appendix L.14. Length and weight composition of a nonrandom sample of coho salmon from the Harbor Point to Cape Seniavin Area 18 August 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
599	4.13	585	3.63	628	4.63
592	3.81	540	2.49	554	2.81
494	1.95	622	3.76	567	2.81
505	1.86	572	3.13	597	3.49
508	1.91	591	3.67	581	3.81
603	3.81	586	3.22	562	3.08
575	3.40	593	3.81	558	2.90
577	2.99	499	2.27	612	3.72
561	3.27	504	2.09	568	2.90
501	2.04	592	3.22	589	3.22
566	2.95	651	4.35	608	4.17
597	3.90	604	3.58	585	3.54
650	4.94	603	3.49	597	3.63
649	4.45	560	2.86	592	3.40
596	3.63	636	4.31	658	5.49
560	2.90	610	4.04	595	3.63
575	3.27	531	2.31	647	5.08
634	4.45	547	2.72	515	2.13
621	4.31	638	4.22	646	4.90
564	2.95	488	1.68	650	4.58
600	3.67	600	3.58	589	3.40
574	3.36	614	4.13	610	3.49
548	2.86	574	3.27	628	4.63
635	3.95	608	3.86	616	4.04
596	4.08	598	3.31	611	4.08
565	3.49	540	2.49	515	2.27
497	2.04	634	4.26	563	2.90
646	4.67	540	2.72	569	3.13
620	3.86	579	3.31	594	3.67
486	2.00	628	4.26	578	3.18
641	4.35	596	3.63	602	4.08
630	4.45	648	4.49	485	1.86
574	3.63	583	3.18	615	3.86
553	2.72	603	4.17	524	2.18
565	3.36	570	3.45	608	3.27
610	3.86	586	3.40	545	2.45
576	2.99	579	3.36	516	2.49
578	3.27	610	3.67	617	4.40
518	2.13	601	3.36	625	4.58
637	4.13	567	3.31	584	3.72
511	2.09	520	2.49	549	2.54
504	2.13	516	2.09		

Appendix L.15. Length and weight composition of a nonrandom sample of sockeye salmon from the Cape Seniavin to Strogonof Point Area 9 July 1986.

Length (mm)	Weight (kg)	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
580	3.40	500	2.63	584	4.08
564	3.63	568	3.18	645	4.76
618	4.54	573	3.86	544	3.18
535	2.81	597	4.90	608	4.31
601	3.86	505	2.72	450	1.95
545	3.18	552	3.08	564	3.40
559	3.08	570	3.54	584	3.54
586	3.63	582	4.08	578	3.54
530	2.72	564	3.18	533	2.86
545	3.18	552	3.18	626	4.54
534	2.40	572	3.63	581	4.54
551	3.08	591	3.63	589	3.63
566	2.95	556	3.49	511	2.72
562	3.40	573	3.40	523	2.72
570	3.72	561	3.18	590	3.99
604	4.08	574	3.63	636	5.44
600	4.08	566	3.18	591	3.99
565	3.40	571	3.63	620	4.54
552	3.18	619	4.99	594	3.72
508	2.72	545	3.18	546	3.18
600	4.08	595	4.31	490	2.49
584	3.72	606	4.08	515	2.63
545	3.18	543	2.95	510	2.81
585	3.63	604	3.08	627	4.63
610	4.31	591	3.99	583	3.63
605	4.08	598	3.63	582	3.76
642	5.22	583	4.08	546	2.95
584	3.63	535	3.08	550	3.40
570	3.72	540	2.95	550	3.18
574	3.72	625	4.54	591	3.63
516	2.81	534	2.72	535	3.08
552	3.40	570	3.63	620	4.54
545	3.04	506	2.72	607	4.45
634	5.22				

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