This document contains Appendices E and F of "Salmon, Age, Sex, and Length Catalog for the Kuskokwim Area, 2008" by Douglas B. Molyneaux, Amy R. Brodersen, and Christopher A. Shelden. The full text of that document is at:

http://www.sf.adfg.state.ak.us/FedAidPDFs/RIR.3A.2010.05.pdf

Appendices E and F: Coho Salmon

Appendix E–Historical Age, Sex, and Length of Coho Salmon Sampled from Kuskokwim Area Escapement Projects

Appendix F–Historical Age, Sex, and Length of Coho Salmon Sampled from Kuskokwim Area Commercial, Test, and Subsistence Fisheries

by

Douglas B. Molyneaux,

Amy R. Brodersen,

and

Christopher A. Shelden

ABOUT THE AUTHORS

Douglas B. Molyneaux is a Kuskokwim Area Research Fisheries Biologist for the Alaska Department of Fish and Game, Division of Commercial Fisheries, 333 Raspberry Road, Anchorage, Alaska 99518, USA. doug.molyneaux@alaska.gov

Amy R. Brodersen is a Kuskokwim Area Fish and Wildlife Technician for the Alaska Department of Fish and Game, Division of Commercial Fisheries, 333 Raspberry Road, Anchorage, Alaska, 99518, USA. amy.brodersen@alaska.gov

Christopher A. Shelden is a Kuskokwim Area Research Fisheries Biologist for the Alaska Department of Fish and Game, Division of Commercial Fisheries, 333 Raspberry Road, Anchorage, Alaska, 99518, USA. cashelden@alaska.gov

PROJECT SPONSORSHIP

Development and publication of this manuscript were partially financed by the USFWS Office of Subsistence Management under Cooperative Agreement No. 701817J646.

APPENDIX E: HISTORICAL AGE, SEX, AND LENGTH OF COHO SALMON SAMPLED FROM KUSKOKWIM AREA ESCAPEMENT PROJECTS.

Appendix E.1. Age and sex of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap.[ab] (page 1 of 4)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
2000	8/14	36	M	0	0.0	421	47.2	25	2.8	446	50.0
	(8/4-19)		F	0	0.0	445	50.0	0	0.0	445	50.0
			Subtotal	0	0.0	866	97.2	25	2.8	891	100.0
	8/25-27	152	M	0	0.0	1,059	48.7	15	0.7	1,073	49.3
	(8/20-29)		F	0	0.0	1,087	50.0	14	0.6	1,102	50.7
			Subtotal	0	0.0	2,146	98.7	29	1.3	2,175	100.0
	9/1- 3	136	M	0	0.0	273	43.4	0	0.0	273	43.4
	(8/30-9/7)		F	0	0.0	334	52.9	23	3.7	357	56.6
			Subtotal	0	0.0	607	96.3	23	3.7	630	100.0
	9/11-13	71	M	4	1.4	106	40.9	0	0.0	110	42.3
	(9/8-20)		F	7	2.8	140	53.5	4	1.4	151	57.7
			Subtotal	11	4.2	246	94.4	4	1.4	261	100.0
	Season	395	M	4	0.1	1,860	47.0	39	1.0	1,902	48.1
			F	7	0.2	2,006	50.7	41	1.0	2,055	51.9
			Total	11	0.3	3,866	97.7	80	2.0	3,957	100.0
2001	8/19-20,24	142	M	7	0.7	589	58.4	107	10.6	703	69.7
	(7/30-25)		F	0	0.0	277	27.5	28	2.8	305	30.3
			Subtotal	7	0.7	866	85.9	135	13.4	1,008	100.0
	8/28-29	119	M	0	0.0	522	47.0	38	3.4	560	50.4
	(8/26-9/1)		F	0	0.0	494	44.5	57	5.1	551	49.6
			Subtotal	0	0.0	1,016	91.5	95	8.5	1,111	100.0
	9/5-6	44	M	0	0.0	199	40.9	66	13.6	265	54.5
	(9/2-20)		F	0	0.0	210	43.2	11	2.3	221	45.5
			Subtotal	0	0.0	409	84.1	77	15.9	486	100.0
	Season	305	M	7	0.3	1,310	50.3	211	8.1	1,528	58.7
			F	0	0.0	981	37.6	96	3.7	1,077	41.3
			Total	7	0.3	2,291	87.9	307	11.8	2,605	100.0
2002	8/19-20,22-23	123	M	0	0.0	1,388	69.1	33	1.6	1,420	70.7
	(8/23-25)		F	0	0.0	506	25.2	81	4.1	588	29.3
			Subtotal	0	0.0	1,894	94.3	114	5.7	2,008	100.0
	8/27-28	114	M	0	0.0	523	54.4	34	3.5	556	57.9
	(8/26-31)		F	0	0.0	379	39.5	25	2.6	405	42.1
			Subtotal	0	0.0	902	93.9	59	6.1	961	100.0

Appendix E.1. Age and sex of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap.[ab] (page 2 of 4)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	9/4-5	112	M	0	0.0	417	41.1	18	1.8	435	42.9
	(9/1-20)		F	9	0.9	544	53.5	27	2.7	580	57.1
			Subtotal	9	0.9	961	94.6	45	4.5	1,015	100.0
	Season	349	M	0	0.0	2,327	58.4	85	2.1	2,412	60.5
			F	9	0.2	1,429	35.9	134	3.4	1,572	39.5
			Total	9	0.2	3,756	94.3	219	5.5	3,984	100.0
2003	8/10-11	61	M	0	0.0	623	55.7	19	1.7	641	57.4
	(7/26-8/16)		F	0	0.0	458	41.0	18	1.6	477	42.6
			Subtotal	0	0.0	1,081	96.7	37	3.3	1,118	100.0
	8/22-23	62	M	62	1.6	1,617	41.9	311	8.1	1,990	51.6
	(8/17-31)		F	0	0.0	1,741	45.2	124	3.2	1,865	48.4
			Subtotal	62	1.6	3,358	87.1	435	11.3	3,855	100.0
	9/10-11	60	M	0	0.0	696	31.7	110	5.0	806	36.7
	(9/1-20)		F	0	0.0	1,062	48.3	330	15.0	1,392	63.3
			Subtotal	0	0.0	1,758	80	440	20.0	2,198	100.0
	Season	183	M	62	0.9	2,936	40.9	439	6.1	3,437	47.9
			F	0	0.0	3,261	45.5	472	6.6	3,734	52.1
			Total	62	0.9	6,197	86.4	911	12.7	7,171	100.0
2004	8/4-5,14-16	162	M	0	0.0	433	58.0	18	2.5	451	60.5
	(7/20-8/18)		F	0	0.0	295	39.5	0	0.0	295	39.5
			Subtotal	0	0.0	728	97.5	18	2.5	746	100.0
	8/22-24	145	M	8	0.7	782	64.1	9	0.7	799	65.5
	(8/19-28)		F	0	0.0	412	33.8	8	0.7	420	34.5
			Subtotal	8	0.7	1,194	97.9	17	1.4	1,219	100.0
	8/30-9/7	73	M	0	0.0	630	50.7	17	1.4	647	52.1
	(8/29-9/20)		F	0	0.0	595	47.9	0	0.0	595	47.9
			Subtotal	0	0.0	1,225	98.6	17	1.4	1,242	100.0
	Season	380	M	8	0.3	1,844	57.5	44	1.4	1,896	59.1
			F	0	0.0	1,302	40.6	8	0.2	1,311	40.9
			Total	8	0.3	3,146	98.1	52	1.6	3,207	100.0
2005	8/21-24	149	M	0	0.0	353	50.3	9	1.3	362	51.7
	(6/24-8/24)		F	0	0.0	282	40.3	57	8.1	339	48.3
			Subtotal	0	0.0	635	90.6	66	9.4	701	100.0

Appendix E.1. Age and sex of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap.[ab] (page 3 of 4)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	8/29-31	133	M	0	0.0	412	47.4	59	6.8	472	54.1
	(8/25-9/1)		F	0	0.0	380	43.6	20	2.2	399	45.9
			Subtotal	0	0.0	792	91.0	79	9.0	871	100.0
	9/3-6	140	M	0	0.0	183	45.7	31	7.9	214	53.6
	(9/2-7)		F	3	0.7	137	34.3	46	11.4	186	46.4
			Subtotal	3	0.7	320	80.0	77	19.3	400	100.0
	9/10-16	124	M	2	0.8	87	35.5	14	5.6	102	41.9
	(9/8-20)		F	0	0.0	110	45.1	31	12.9	142	58.1
			Subtotal	2	0.8	197	80.6	45	18.5	244	100.0
	Season	546	M	2	0.1	1,035	46.7	114	5.1	1,150	51.9
			F	3	0.1	909	41.0	153	6.9	1,066	48.1
			Total	5	0.2	1,944	87.7	267	12.0	2,216	100.0
2006	8/14-16	154	M	38	3.3	709	61.1	30	2.6	777	66.9
	(6/24-8/20)		F	37	3.2	339	29.2	8	0.6	384	33.1
			Subtotal	75	6.5	1,048	90.3	38	3.2	1,161	100.0
	8/26-28	138	M	29	1.4	980	48.6	58	2.9	1,068	52.9
	(8/21-30)		F	0	0.0	907	44.9	44	2.2	951	47.1
			Subtotal	29	1.4	1,887	93.5	102	5.1	2,019	100.0
	9/2-4	143	M	50	2.1	1,143	48.2	17	0.7	1,209	51.0
	(8/31-9/20)		F	33	1.4	1,093	46.2	33	1.4	1,159	49.0
			Subtotal	83	3.5	2,236	94.4	50	2.1	2,368	100.0
	Season	435	M	116	2.1	2,832	51.0	105	1.9	3,053	55.0
			F	71	1.3	2,339	42.2	85	1.5	2,495	45.0
			Total	187	3.4	5,171	93.2	190	3.4	5,548	100.0
2007	8/10-14	160	M	24	3.1	377	49.4	10	1.3	411	53.8
	(6/24-8/19)		F	14	1.9	320	41.9	19	2.5	353	46.2
			Subtotal	38	5.0	697	91.3	29	3.8	764	100.0
	8/25-28	141	M	11	0.7	642	43.3	42	2.8	695	46.8
	(8/20-31)		F	10	0.7	727	48.9	53	3.6	790	53.2
			Subtotal	21	1.4	1,369	92.2	95	6.4	1,485	100.0
	9/4-11	140	M	0	0.0	233	38.6	22	3.6	255	42.1
	(9/1-20)		F	4	0.7	341	56.4	4	0.7	349	57.9
			Subtotal	4	0.7	574	95.0	26	4.3	604	100.0

Appendix E.1. Age and sex of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap.[ab] (page 4 of 4)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	Season	441	M	35	1.2	1,253	43.9	73	2.6	1,360	47.7
			F	29	1.0	1,387	48.6	76	2.6	1,493	52.3
			Total	64	2.2	2,640	92.5	149	5.2	2,853	100.0
2008	8/15-22	181	M	9	1.1	352	44.2	70	8.9	431	54.1
	(6/24-8/23)		F	4	0.6	308	38.7	53	6.6	365	45.9
			Subtotal	13	1.7	660	82.9	123	15.5	796	100.0
	8/25-30	113	M	7	0.9	246	32.7	146	19.5	399	53.1
	(8/24-30)		F	6	0.9	266	35.4	80	10.6	353	46.9
			Subtotal	13	1.8	512	68.1	226	30.1	752	100.0
	8/31-9/3,5-7	146	M	18	1.4	435	34.3	87	6.9	539	42.5
	(8/31-9/20)		F	17	1.3	556	43.8	156	12.3	730	57.5
			Subtotal	35	2.7	991	78.1	243	19.2	1,269	100.0
	Season	440	M	33	1.2	1,033	36.7	304	10.8	1,369	48.6
			F	28	1.0	1,130	40.1	289	10.2	1,448	51.4
			Total	61	2.2	2,163	76.8	593	21.0	2,817	100.0
2009	8/16-21	164	M	23	2.4	527	56.7	6	0.6	556	59.8
	(6/24-8/27)		F	0	0.0	369	39.6	5	0.6	374	40.2
			Subtotal	23	2.4	896	96.3	11	1.2	930	100.0
	8/30-9/5	185	M	96	5.4	884	49.7	19	1.1	1,000	56.2
	(8/28-9/20)		F	48	2.7	721	40.6	10	0.5	778	43.8
			Subtotal	144	8.1	1,605	90.3	29	1.6	1,778	100.0
	Season	349	M	119	4.4	1,412	52.1	25	0.9	1,555	57.4
			F	48	1.8	1,089	40.3	15	0.6	1,153	42.6
			Total	167	6.2	2,501	92.4	40	1.5	2,708	100.0
	Grand Total [c]	3,823	M	386	1.0	17,842	48.1	1,439	3.9	19,662	53.0
			F	195	0.5	15,833	42.7	1,369	3.7	17,404	47.0
			Total	581	1.6	33,675	90.9	2,808	7.6	37,066	100.0

[a] The number of fish in each stratum age and sex category are derived from the sample percentages; discrepancies in sums are attributed to rounding errors.

[b] The number of fish in "Season" summaries are the strata sums; "Season" percentages are derived from the sums.

[c] The number of fish in the "Grand Total" are the sum of the "Season" totals; percentages are derived from those sums.

Appendix E.2. Mean length (mm) of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap. [a] (page 1 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2000	8/14	M	Mean Length		541	650
	(8/4-19)		Std. Error		9	-
			Range		476- 614	650- 650
			Sample Size	0	17	1
		F	Mean Length		535	
			Std. Error		11	
			Range		425- 610	
			Sample Size	0	18	0
	8/25-27	M	Mean Length		537	506
	(8/20-29)		Std. Error		5	-
			Range		412- 611	506- 506
			Sample Size	0	74	1
		F	Mean Length		552	543
			Std. Error			-
			Range		488- 600	543- 543
			Sample Size	0	76	1
	9/1- 3	M	Mean Length		547	
	(8/30-9/7)		Std. Error		6	
			Range		420- 640	
			Sample Size	0	59	0
		F	Mean Length		544	563
			Std. Error		4	13
			Range		435- 594	523- 597
			Sample Size	0	72	5
	9/11-13	M	Mean Length	573	551	
	(9/8-20)		Std. Error	-	8	
			Range	573- 573	444- 611	
			Sample Size	1	29	0
		F	Mean Length	571	558	575
			Std. Error	21	5	-
			Range	550- 591	477- 614	575- 575
			Sample Size	2	38	1

Appendix E.2. Mean length (mm) of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap. [a] (page 2 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	573	540	597
			Range	573- 573	412- 640	506- 650
			Sample Size	1	179	2
		F	Mean Length	571	547	557
			Range	550- 591	425- 614	523- 597
			Sample Size	2	204	7
2001	8/19-20,24	M	Mean Length	550	567	559
	(7/30-8/25)		Std. Error	-	5	12
			Range	550- 550	475- 635	430- 620
			Sample Size	1	79	19
		F	Mean Length		568	558
			Std. Error		4	9
			Range		505- 620	535- 585
			Sample Size	0	38	5
	8/28-29	M	Mean Length		561	581
	(8/26-9/1)		Std. Error		8	14
			Range		395- 640	520- 630
			Sample Size	0	53	7
		F	Mean Length		577	578
			Std. Error		4	12
			Range		500- 635	530- 620
			Sample Size	0	51	8
	9/5-6	M	Mean Length		559	580
	(9/2-20)		Std. Error		14	13
			Range		440- 640	515- 615
			Sample Size	0	17	7
		F	Mean Length		568	563
			Std. Error		6	33
			Range		515- 605	530- 595
			Sample Size	0	18	2

Appendix E.2. Mean length (mm) of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap. [a] (page 3 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	550	563	570
			Range	550- 550	395- 640	430- 630
			Sample Size	1	149	33
		F	Mean Length		573	570
			Range		500- 635	530- 620
			Sample Size	0	107	15
2002	8/19-20,22-23 (6/23-8/25)	M	Mean Length		530	480
			Std. Error		5	45
			Range		440- 615	435- 525
			Sample Size	0	85	2
		F	Mean Length		564	628
			Std. Error		4	47
			Range		525- 620	536- 810
			Sample Size	0	31	5
	8/27-28 (8/26-31)	M	Mean Length		563	607
			Std. Error		6	12
			Range		405- 630	580- 635
			Sample Size	0	62	4
		F	Mean Length		570	591
			Std. Error		4	14
			Range		516- 648	567- 615
			Sample Size	0	45	3
	9/4-5 (9/1-20)	M	Mean Length		568	550
			Std. Error		8	40
			Range		405- 660	510- 590
			Sample Size	0	46	2
		F	Mean Length	535	579	591
			Std. Error	-	4	11
			Range	535- 535	500- 650	578- 612
			Sample Size	1	60	3

Appendix E.2. Mean length (mm) of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap. [a] (page 4 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length		545	546
			Range		405- 660	435- 635
			Sample Size	0	193	8
		F	Mean Length	535	571	613
			Range	535- 535	500- 650	536- 810
			Sample Size	1	136	11
2003	8/10-11 (7/26-8/16)	M	Mean Length		544	628
			Std. Error		7	-
			Range		462- 641	628- 628
			Sample Size	0	34	1
		F	Mean Length		562	547
			Std. Error		4	-
			Range		537- 604	547- 547
			Sample Size	0	25	1
	8/22-23 (8/17-31)	M	Mean Length	488	533	578
			Std. Error	-	7	21
			Range	488- 488	427- 598	510- 624
			Sample Size	1	26	5
		F	Mean Length		567	548
			Std. Error		5	36
			Range		492- 612	512- 583
			Sample Size	0	28	2
	9/10-11 (9/1-20)	M	Mean Length		551	564
			Std. Error		12	24
			Range		450- 640	523- 606
			Sample Size	0	19	3
		F	Mean Length		568	576
			Std. Error		7	8
			Range		480- 625	542- 605
			Sample Size	0	29	9

Appendix E.2. Mean length (mm) of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap. [a] (page 5 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	488	540	576
			Range	488- 488	427- 641	510- 628
			Sample Size	1	79	9
		F	Mean Length		566	567
			Range		480- 625	512- 605
			Sample Size	0	82	12
2004	8/4-5,14-16 (7/20-8/18)	M	Mean Length		515	581
			Std. Error		5	9
			Range		400- 605	566- 600
			Sample Size	0	94	4
		F	Mean Length		533	
			Std. Error		4	
			Range		422- 586	
			Sample Size	0	64	0
	8/22-24 (8/19-28)	M	Mean Length	418	521	499
			Std. Error	-	4	-
			Range	418- 418	426- 593	499- 499
			Sample Size	1	93	1
		F	Mean Length		528	552
			Std. Error		4	-
			Range		415- 582	552- 552
			Sample Size	0	49	1
	8/30-9/7 (8/29-9/20)	M	Mean Length		515	498
			Std. Error		7	-
			Range		412- 602	498- 498
			Sample Size	0	37	1
		F	Mean Length		531	
			Std. Error		5	
			Range		468- 592	
			Sample Size	0	35	0

Appendix E.2. Mean length (mm) of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap. [a] (page 6 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	418	518	533
			Range	418- 418	400- 605	498- 600
			Sample Size	1	224	6
		F	Mean Length		530	552
			Range		415- 592	552- 552
			Sample Size	0	148	1
2005	8/21-24 (6/24-8/24)	M	Mean Length		531	552
			Std. Error		4	37
			Range		460- 630	515- 588
			Sample Size	0	75	2
		F	Mean Length		548	543
			Std. Error		4	10
			Range		480- 610	465- 590
			Sample Size	0	60	12
	8/29-31 (8/25-9/1)	M	Mean Length		545	549
			Std. Error		6	10
			Range		409- 628	495- 580
			Sample Size	0	63	9
		F	Mean Length		564	587
			Std. Error		4	7
			Range		470- 615	574- 599
			Sample Size	0	58	3
	9/3-6 (9/2-7)	M	Mean Length		556	576
			Std. Error		5	16
			Range		396- 630	446- 625
			Sample Size	0	64	11
		F	Mean Length	522	555	540
			Std. Error	-	5	10
			Range	522- 522	443- 620	446- 590
			Sample Size	1	48	16

Appendix E.2. Mean length (mm) of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap. [a] (page 7 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/10-16	M	Mean Length	566	558	554
	(9/8-20)		Std. Error	-	6	21
			Range	566- 566	433- 652	472- 617
			Sample Size	1	44	7
		F	Mean Length		551	548
			Std. Error		4	6
			Range		466- 620	518- 583
			Sample Size	0	56	16
	Season	M	Mean Length	566	543	557
			Range	566- 566	396- 652	446- 625
			Sample Size	1	246	29
		F	Mean Length	522	556	549
			Range	522- 522	443- 620	446- 599
			Sample Size	1	222	47
2006	8/14-16	M	Mean Length	511	518	502
	(6/24-8/20)		Std. Error	20	4	30
			Range	459- 570	388- 601	428- 558
			Sample Size	5	94	4
		F	Mean Length	518	521	527
			Std. Error	12	5	-
			Range	484- 552	405- 565	527- 527
			Sample Size	5	45	1
	8/26-28	M	Mean Length	534	511	533
	(8/21-30)		Std. Error	26	4	19
			Range	508- 560	425- 582	494- 585
			Sample Size	2	67	4
		F	Mean Length		519	521
			Std. Error		4	13
			Range		365- 576	497- 542
			Sample Size	0	62	3

Appendix E.2. Mean length (mm) of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap. [a] (page 8 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/2-4 (8/31-9/20)	M	Mean Length	534	524	526
			Std. Error	42	5	-
			Range	450- 579	418- 592	526- 526
			Sample Size	3	69	1
		F	Mean Length	546	517	522
			Std. Error	6	5	10
			Range	540- 552	414- 659	512- 532
			Sample Size	2	66	2
	Season	M	Mean Length	526	518	523
			Range	450- 579	388- 601	428- 585
			Sample Size	10	230	9
		F	Mean Length	531	518	522
			Range	484- 552	365- 659	497- 542
			Sample Size	7	173	6
2007	8/10-14 (6/24-8/19)	M	Mean Length	516	533	583
			Std. Error	27	5	35
			Range	443- 606	371- 609	548- 618
			Sample Size	5	79	2
		F	Mean Length	536	552	557
			Std. Error	6	3	10
			Range	525- 546	477- 614	530- 573
			Sample Size	3	67	4
	8/25-28 (8/20-31)	M	Mean Length	509	528	517
			Std. Error	-	5	35
			Range	509- 509	417- 592	421- 579
			Sample Size	1	61	4
		F	Mean Length	522	534	557
			Std. Error	-	4	16
			Range	522- 522	463- 594	504- 590
			Sample Size	1	69	5

Appendix E.2. Mean length (mm) of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap. [a] (page 9 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/4-11 (9/1-20)	M	Mean Length		542	552
			Std. Error		6	6
			Range		444- 627	535- 567
			Sample Size	0	54	5
		F	Mean Length	544	559	577
			Std. Error	-	3	-
			Range	544- 544	469- 603	577- 577
			Sample Size	1	79	1
	Season	M	Mean Length	514	532	536
			Range	443- 606	371- 627	421- 618
			Sample Size	6	194	11
		F	Mean Length	532	545	558
			Range	522- 546	463- 614	504- 590
			Sample Size	5	215	10
2008	8/15-22 (6/24-8/23)	M	Mean Length	507	527	522
			Std. Error	55	4	11
			Range	452- 561	444- 610	439- 575
			Sample Size	2	80	16
		F	Mean Length	532	533	530
			Std. Error	-	3	7
			Range	532- 532	419- 584	475- 562
			Sample Size	1	70	12
	8/25-30 (8/24-30)	M	Mean Length	432	533	529
			Std. Error	-	7	9
			Range	432- 432	429- 628	456- 609
			Sample Size	1	37	22
		F	Mean Length	492	541	537
			Std. Error	-	5	8
			Range	492- 492	490- 609	496- 570
			Sample Size	1	40	12

Appendix E.2. Mean length (mm) of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap. [a] (page 10 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/31-9/3,5-7 (8/31-9/20)	M	Mean Length	567	528	513
			Std. Error	31	5	11
			Range	536- 598	445- 599	465- 563
			Sample Size	2	50	10
		F	Mean Length	573	540	545
			Std. Error	12	3	5
			Range	561- 584	455- 597	503- 579
			Sample Size	2	64	18
	Season	M	Mean Length	523	529	523
			Range	432- 598	429- 628	439- 609
			Sample Size	5	167	48
		F	Mean Length	547	539	540
			Range	492- 584	419- 609	475- 579
			Sample Size	4	174	42
2009	8/16-21 (6/24-8/27)	M	Mean Length	526	554	483
			Std. Error	28	5	-
			Range	475- 606	453- 695	483- 483
			Sample Size	4	93	1
		F	Mean Length		555	553
			Std. Error		4	-
			Range		390- 599	553- 553
			Sample Size	0	65	1
	8/30-9/5 (8/28-9/20)	M	Mean Length	500	550	577
			Std. Error	12	4	9
			Range	423- 570	412- 635	568- 586
			Sample Size	10	92	2
		F	Mean Length	528	566	573
			Std. Error	16	3	-
			Range	480- 575	486- 624	573- 573
			Sample Size	5	75	1

Appendix E.2. Mean length (mm) of coho salmon at the Takotna River weir based on escapement samples collected with a fish trap. [a] (page 11 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	505	551	556
			Range	423- 606	412- 695	483- 586
			Sample Size	14	185	3
		F	Mean Length	528	562	566
			Range	480- 575	390- 624	553- 573
			Sample Size	5	140	2
	Grand Total [b]	M	Mean Length	518	538	552
			Range	423- 658	396- 707	439- 675
			Sample Size	40	1,846	158
		F	Mean Length	538	551	559
			Range	480- 677	400- 680	420- 625
			Sample size	25	1,601	153

[a] "Season" mean lengths are weighted by the escapement passage in each stratum.

[b] "Grand Total" mean lengths are simple averages of the "Season" mean lengths.

Appendix E.3. Age and sex of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap. [ab] (page 1 of 4)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
1999	8/26-28	87	M	89	6.9	604	47.1	74	5.7	766	59.8
	(7/25-8/30)		F	44	3.4	412	32.2	59	4.6	515	40.2
			Subtotal	133	10.3	1,016	79.3	133	10.3	1,281	100.0
	9/1-2	136	M	34	3.7	380	41.2	75	8.1	489	52.9
	(8/31-9/4)		F	14	1.4	360	38.9	61	6.6	434	47.1
			Subtotal	48	5.1	740	80.1	136	14.7	923	100.0
	9/7,9	64	M	59	4.7	551	43.7	98	7.8	709	56.3
	(9/5-20)		F	39	3.1	433	34.4	79	6.3	551	43.7
			Subtotal	98	7.8	984	78.1	177	14.1	1,260	100.0
	Season	287	M	181	5.2	1,535	44.3	246	7.1	1,963	56.7
			F	97	2.8	1,205	34.8	199	5.8	1,501	43.3
			Total	278	8.0	2,740	79.1	445	12.9	3,464	100.0
2000	Season	188	M	0	0.0	3,460	60.1	0	0.0	3,460	60.1
			F	0	0.0	2,296	39.9	0	0.0	2,296	39.9
			Total	0	0.0	5,756	100.0	0	0.0	5,756	100.0
2001	8/6-9	147	M	8	0.7	483	43.5	30	2.7	521	46.9
	(7/28-8/11)		F	7	0.7	498	44.9	83	7.5	588	53.1
			Subtotal	15	1.4	981	88.4	113	10.2	1,109	100.0
	8/13-15	139	M	89	1.5	2,699	43.9	265	4.3	3,052	49.6
	(8/12-22)		F	88	1.4	2,831	46.0	177	2.9	3,097	50.4
			Subtotal	177	2.9	5,530	89.9	442	7.2	6,149	100.0
	8/30-9/2	145	M	39	1.4	1,200	42.8	38	1.4	1,277	45.5
	(8/23-9/7)		F	0	0.0	1,432	51.0	97	3.4	1,529	54.5
			Subtotal	39	1.4	2,632	93.8	135	4.8	2,806	100.0
	9/13-15	87	M	0	0.0	181	41.4	0	0.0	181	41.4
	(9/8-15)		F	0	0.0	257	58.6	0	0.0	257	58.6
			Subtotal	0	0.0	438	100.0	0	0.0	438	100.0
	Season	518	M	135	1.3	4,562	43.4	334	3.2	5,031	47.9
			F	96	0.9	5,018	47.8	357	3.4	5,471	52.1
			Total	231	2.2	9,580	91.2	691	6.6	10,502	100.0
2002	7/30-8/1,5-8	113	M	4	0.9	236	56.6	26	6.2	265	63.7
	(6/15-8/11)		F	0	0	132	31.9	18	4.4	151	36.3
			Subtotal	4	0.9	368	88.5	44	10.6	416	100.0
	8/14,22-24	166	M	0	0	4,868	62.7	421	5.4	5,290	68.1
	(8/12-26)		F	94	1.2	2,060	26.5	328	4.2	2,481	31.9
			Subtotal	94	1.2	6,928	89.2	749	9.6	7,771	100.0

Appendix E.3. Age and sex of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap. [ab] (page 2 of 4)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	8/29-9/1	158	M	25	1.3	839	43.1	74	3.8	938	48.1
	(8/27-9/3)		F	12	0.6	877	44.9	124	6.3	1,013	51.9
			Subtotal	37	1.9	1,716	88.0	198	10.1	1,951	100.0
	9/6-8	159	M	0	0.0	457	35.9	48	3.8	505	39.6
	(9/4-22)		F	0	0.0	721	56.6	48	3.7	769	60.4
			Subtotal	0	0.0	1,178	92.5	96	7.5	1,274	100.0
	Season	596	M	28	0.3	6,401	56.1	569	5.0	6,998	61.3
			F	106	0.9	3,790	33.2	518	4.5	4,414	38.7
			Total	134	1.2	10,191	89.3	1,087	9.5	11,412	100.0
2003[d]	Season		M								
			F								
			Total								
2004	7/26-27,8/2-5	183	M	0	0	874	50.3	29	1.6	903	51.9
	(7/20-8/7)		F	0	0	817	47	19	1.1	836	48.1
			Subtotal	0	0	1,691	97.3	48	2.7	1,739	100.0
	8/9	59	M	84	1.7	2,609	52.5	84	1.7	2,777	55.9
	(8/8-16)		F	0	0	2,188	44.1	0	0	2,188	44.1
			Subtotal	84	1.7	4,797	96.6	84	1.7	4,965	100.0
	8/23	61	M	101	1.6	2,427	39.3	0	0	2,529	41
	(8/17-27)		F	202	3.3	3,338	54.1	101	1.6	3,641	59
			Subtotal	303	4.9	5,765	93.4	101	1.6	6,170	100.0
	9/2-3	58	M	61	1.7	1,768	50	61	1.7	1,890	53.4
	(8/28-9/18)		F	61	1.7	1,463	41.4	122	3.5	1,646	46.6
			Subtotal	122	3.4	3,231	91.4	183	5.2	3,536	100.0
	Season	361	M	247	1.5	7,679	46.8	174	1	8,098	49.4
			F	263	1.6	7,806	47.6	242	1.5	8,312	50.6
			Total	510	3.1	15,485	94.4	416	2.5	16,410	100.0
2005	8/8-18	193	M	95	3.1	1,487	48.7	47	1.6	1,629	53.4
	(6/15-8/23)		F	63	2.1	1,265	41.5	95	3.1	1,423	46.6
			Subtotal	158	5.2	2,752	90.2	142	4.7	3,052	100.0
	8/24-27	138	M	61	2.9	1,165	55.1	16	0.7	1,242	58.7
	(8/24-30)		F	46	2.2	675	31.9	153	7.3	874	41.3
			Subtotal	107	5.1	1,840	87.0	169	8.0	2,116	100.0
	9/2-5	145	M	48	2.1	931	40.0	32	1.4	1,011	43.4
	(8/31-9/20)		F	16	0.7	1,204	51.7	96	4.1	1,317	56.6
			Subtotal	64	2.8	2,135	91.7	128	5.5	2,328	100.0
	Season	476	M	205	2.7	3,583	47.8	95	1.3	3,882	51.8
			F	125	1.7	3,144	41.9	344	4.6	3,614	48.2
			Total	330	4.4	6,727	89.7	439	5.9	7,496	100.0

Appendix E.3. Age and sex of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap. [ab] (page 3 of 4)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
2006	8/7-9	68	M		11.8		35.3		1.5		48.5
	(6/15-8/9)		F		2.9		42.6		5.9		51.5
			Subtotal		14.7		77.9		7.4		100.0
	8/11-12	87	M		10.3		60.9		0.0		71.3
	(8/10-17)		F		4.6		20.7		3.4		28.7
			Subtotal		14.9		81.6		3.4		100.0
	Season [a]	155	M		10.9		51.3		0.5		62.7
			F		4.0		28.9		4.4		37.3
			Total		14.9		80.2		4.9	2,137	100.0
2007		0									
	(6/15-8/13)									2,672	
	8/20-21	139	M	130	3.6	1,484	41.0	104	2.9	1,718	47.5
	(8/14-24)		F	78	2.2	1,692	46.8	130	3.6	1,901	52.5
			Subtotal	208	5.8	3,176	87.8	234	6.5	3,619	100.0
	8/29-30	137	M	37	2.2	615	36.5	49	2.9	701	41.6
	(8/25-9/1)		F	37	2.2	849	50.4	99	5.9	984	58.4
			Subtotal	74	4.4	1,464	86.9	148	8.8	1,685	100.0
	9/5-7	143	M	15	2.1	317	44.8	5	0.7	337	47.6
	(9/2-20)		F	0	0.0	352	49.6	20	2.8	372	52.4
			Subtotal	15	2.1	669	94.4	25	3.5	709	100.0
	Season [a]	419	M		3.0		40.2		2.7		45.8
			F		1.9		48.1		4.1		54.2
			Total		4.9		88.3		6.8	8,685	100.0
2008	8/10-11,13-14	83	M	46	1.2	1,700	44.6	92	2.4	1,838	48.2
	(6/15-8/16)		F	46	1.2	1,884	49.4	46	1.2	1,976	51.8
			Subtotal	92	2.4	3,584	94.0	138	3.6	3,814	100.0
	8/19,22,24,26-27	237	M	169	2.9	2,202	38.4	435	7.6	2,807	48.9
	(8/17-30)		F	97	1.7	2,493	43.5	339	5.9	2,929	51.1
			Subtotal	266	4.6	4,695	81.9	774	13.5	5,736	100.0
	9/3,5-7,9-10,12-1	165	M	18	1.2	459	30.3	110	7.3	588	38.8
	(8/31-9/20)		F	46	3.0	588	38.8	294	19.4	927	61.2
			Subtotal	64	4.2	1,047	69.1	404	26.7	1,515	100.0
	Season	485	M	234	2.1	4,362	39.4	638	5.8	5,233	47.3
			F	188	1.7	4,964	44.9	678	6.1	5,832	52.7
			Total	422	3.8	9,326	84.3	1,316	11.9	11,065	100.0

Appendix E.3. Age and sex of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap. [ab] (page 4 of 4)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
2009	8/12,14-17	169	M	189	3.5	2,575	48.5	251	4.8	3,015	56.8
	(6/15-8/20)		F	31	0.6	1,979	37.3	283	5.3	2,293	43.2
			Subtotal	220	4.1	4,554	85.8	534	10.1	5,308	100.0
	8/23-24,26-28	165	M	176	6.1	1,390	47.9	105	3.6	1,671	57.6
	(8/21-29)		F	70	2.4	1,020	35.1	141	4.9	1,231	42.4
			Subtotal	246	8.5	2,410	83.0	246	8.5	2,902	100.0
	8/31-9/1,3-5	174	M	67	3.5	490	25.3	56	2.9	613	31.6
	(8/30-9/20)		F	111	5.7	1,058	54.6	156	8.0	1,325	68.4
			Subtotal	178	9.2	1,548	79.9	212	10.9	1,938	100.0
	Season	508	M	431	4.2	4,455	43.9	413	4.1	5,299	52.2
			F	213	2.1	4,057	40.0	579	5.7	4,849	47.8
			Total	644	6.3	8,512	83.9	992	9.8	10,148	100.0
	Grand	3,419	M	1,461	1.9	36,037	47.3	2,469	3.2	39,964	52.4
	Total [c]		F	1,088	1.4	32,280	42.3	2,917	3.8	36,289	47.6
			Total	2,549	3.3	68,317	89.6	5,386	7.1	76,253	100.0

[a] Sampling dates do not meet criteria for estimating commercial harvest for some or all of the strata; Season is not included in "Grand Total".

[b] The number of fish in "Season" summaries are the strata sums; "Season" percentages are derived from the sums.

[c] The number of fish in the "Grand Total" are the sum of the "Season" totals; percentages are derived from those sums.

[d] The weir washed out in 2003; age and sex estimates are not available.

Appendix E.4. Mean Length (mm) of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap.[a] (page 1 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1999	8/26- 28 (7/25 - 8/30)	M	Mean Length	508	538	548
			Std. Error	17	8	14
			Range	450- 542	420- 600	522- 595
			Sample Size	6	40	5
		F	Mean Length	511	547	562
			Std. Error	26	6	17
			Range	462- 550	448- 580	522- 600
			Sample Size	3	28	4
	9/1- 2 (8/31 - 9/4)	M	Mean Length	492	552	572
			Std. Error	11	8	10
			Range	460- 530	440- 675	500- 610
			Sample Size	5	56	11
		F	Mean Length	563	554	546
			Std. Error	3	5	17
			Range	560- 565	430- 615	465- 610
			Sample Size	2	53	9
	9/7, 9 (9/5 - 9/20)	M	Mean Length	495	565	561
			Std. Error	28	8	10
			Range	445- 540	415- 620	530- 590
			Sample Size	3	28	5
		F	Mean Length	445	564	581
			Std. Error	30	5	14
			Range	415- 475	520- 610	540- 605
			Sample Size	2	22	4
	Season	M	Mean Length	501	551	560
			Std. Error	12	5	7
			Range	445- 542	415- 675	500- 610
			Sample Size	14	124	21
		F	Mean Length	491	555	565
			Std. Error	17	3	9
			Range	415- 565	430- 615	465- 610
			Sample Size	7	103	17
2000	Season	M	Mean Length		569	
			Range		430- 640	
			Sample Size	0	113	0
		F	Mean Length		556	
			Range		470- 600	
			Sample Size	0	75	0

Appendix E.4. Mean Length (mm) of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap.[a] (page 2 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2001	8/6-9 (7/28 - 8/11)	M	Mean Length	580	559	583
			Std. Error	-	6	8
			Range	580- 580	410- 669	567- 600
			Sample Size	1	64	4
		F	Mean Length	547	557	549
			Std. Error	-	3	5
			Range	547- 547	468- 600	514- 570
			Sample Size	1	66	11
	8/13-15 (8/12 - 22)	M	Mean Length	534	562	585
			Std. Error	14	5	11
			Range	520- 548	481- 628	563- 640
			Sample Size	2	61	6
		F	Mean Length	555	567	569
			Std. Error	13	3	14
			Range	542- 568	456- 623	539- 604
			Sample Size	2	64	4
	8/30-9/2 (8/23 - 9/7)	M	Mean Length	540	590	600
			Std. Error	25	6	4
			Range	515- 564	434- 668	596- 603
			Sample Size	2	62	2
		F	Mean Length		587	594
			Std. Error		3	7
			Range		530- 632	576- 617
			Sample Size	0	74	5
	9/13-15 (9/8 - 15)	M	Mean Length		577	
			Std. Error		7	
			Range		488- 647	
			Sample Size	0	36	0
		F	Mean Length		577	
			Std. Error		4	
			Range		483- 620	
			Sample Size	0	51	0
	Season	M	Mean Length	538	569	587
			Range	515- 580	410- 669	563- 640
			Sample Size	5	223	12
		F	Mean Length	554	572	571
			Range	542- 568	456- 632	514- 617
			Sample Size	3	255	20

Appendix E.4. Mean Length (mm) of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap.[a] (page 3 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2002	7/30 - 8/1, 5 - 8 (6/15 - 8/11)	M	Mean Length	586	547	576
			Std. Error	-	5	6
			Range	586- 586	440- 622	550- 603
			Sample Size	1	64	7
		F	Mean Length		557	571
			Std. Error		5	14
			Range		449- 607	546- 625
			Sample Size	0	36	5
	8/14, 22 - 24 (8/12 - 8/26)	M	Mean Length		568	555
			Std. Error		4	26
			Range		425- 630	401- 643
			Sample Size	0	104	9
		F	Mean Length	506	569	582
			Std. Error	25	5	12
			Range	481- 530	505- 617	533- 618
			Sample Size	2	44	7
	8/29 - 9/1 (8/27 - 9/3)	M	Mean Length	510	559	608
			Std. Error	4	7	11
			Range	506- 514	407- 676	573- 641
			Sample Size	2	68	6
		F	Mean Length	534	559	557
			Std. Error	-	4	9
			Range	534- 534	437- 615	522- 599
			Sample Size	1	71	10
	9/6 - 8 (9/4 - 9/22)	M	Mean Length		560	584
			Std. Error		7	11
			Range		422- 657	547- 613
			Sample Size	0	57	6
		F	Mean Length		560	581
			Std. Error		4	14
			Range		432- 620	515- 608
			Sample Size	0	90	6
	Season	M	Mean Length	520	565	565
			Range	506- 586	407- 676	401- 643
			Sample Size	3	293	28
		F	Mean Length	509	565	576
			Range	481- 534	432- 620	515- 625
			Sample Size	3	241	28

Appendix E.4. Mean Length (mm) of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap.[a] (page 4 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2003[c]	Season	M	Mean Length			
			Range			
			Sample Size	0	0	0
		F	Mean Length			
			Range			
			Sample Size	0	0	0
2004	7/26-27, 8/2-5 (7/20 - 8/7)	M	Mean Length		536	585
			Std. Error		4	19
			Range		385- 595	549- 612
			Sample Size	0	92	3
		F	Mean Length		531	563
			Std. Error		3	1
			Range		408- 574	562- 564
			Sample Size	0	86	2
	8/9 (8/8 - 16)	M	Mean Length	518	550	484
			Std. Error	-	6	-
			Range	518- 518	467- 612	484- 484
			Sample Size	1	31	1
		F	Mean Length		550	
			Std. Error		5	
			Range		506- 592	
			Sample Size	0	26	0
	8/23 (8/17 - 27)	M	Mean Length	505	536	
			Std. Error	-	11	
			Range	505- 505	415- 598	
			Sample Size	1	24	0
		F	Mean Length	481	543	532
			Std. Error	7	5	-
			Range	474- 488	478- 594	532- 532
			Sample Size	2	33	1
	9/2 - 3 (8/28 - 9/18)	M	Mean Length	536	557	534
			Std. Error	-	6	-
			Range	536- 536	495- 623	534- 534
			Sample Size	1	29	1
		F	Mean Length	547	549	537
			Std. Error	-	5	33
			Range	547- 547	480- 613	504- 570
			Sample Size	1	24	2

Appendix E.4. Mean Length (mm) of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap.[a] (page 5 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	517	546	518
			Range	505- 536	385- 623	484- 612
			Sample Size	3	176	5
		F	Mean Length	496	545	537
			Range	474- 547	408- 613	504- 570
			Sample Size	3	169	5
2005	8/8-18 (6/15-8/23)	M	Mean Length	516	557	531
			Std. Error	15	4	13
			Range	474- 569	427- 633	508- 552
			Sample Size	6	94	3
		F	Mean Length	555	554	558
			Std. Error	8	4	24
			Range	543- 580	435- 620	451- 621
			Sample Size	4	80	6
	8/24-27 (8/24-30)	M	Mean Length	541	551	585
			Std. Error	21	6	-
			Range	479- 569	385- 633	585- 585
			Sample Size	4	76	1
		F	Mean Length	556	552	551
			Std. Error	7	6	17
			Range	546- 570	444- 618	415- 610
			Sample Size	3	44	10
	9/2-5 (8/31-9/20)	M	Mean Length	562	558	571
			Std. Error	12	6	26
			Range	548- 585	420- 642	545- 596
			Sample Size	3	58	2
		F	Mean Length	482	569	578
			Std. Error	-	4	4
			Range	482- 482	499- 680	567- 593
			Sample Size	1	75	6
	Season	M	Mean Length	534	555	553
			Range	474- 585	385- 642	508- 596
			Sample Size	13	228	6
		F	Mean Length	546	560	560
			Range	482- 580	435- 680	415- 621
			Sample Size	8	199	22

Appendix E.4. Mean Length (mm) of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap.[a] (page 6 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2006	8/7-9 (6/15-8/9)	M	Mean Length	519	518	490
			Std. Error	14	8	-
			Range	445- 585	440- 585	490- 490
			Sample Size	8	24	1
		F	Mean Length	500	526	539
			Std. Error	-	5	15
			Range	500- 500	450- 570	495- 565
			Sample Size	2	29	4
	8/11-12 (8/10-17)	M	Mean Length	502	526	
			Std. Error	19	6	
			Range	415- 575	445- 590	
			Sample Size	9	53	0
		F	Mean Length	511	525	543
			Std. Error	10	9	25
			Range	485- 535	390- 570	500- 585
			Sample Size	4	18	3
	Season [d]	M	Mean Length	509	524	490
			Range	415- 585	440- 590	490- 490
			Sample Size	17	77	1
		F	Mean Length	508	525	541
			Range	485- 535	390- 570	495- 585
			Sample Size	6	47	7
2007	8/20-21 (6/25-8/22)	M	Mean Length	527	527	551
			Std. Error	17	7	19
			Range	499- 592	380- 610	505- 594
			Sample Size	5	57	4
		F	Mean Length	545	553	537
			Std. Error	12	4	25
			Range	520- 558	468- 593	447- 600
			Sample Size	3	65	5
	8/29-30 (8/23-9/2)	M	Mean Length	566	552	567
			Std. Error	74	7	9
			Range	438- 694	428- 635	545- 587
			Sample Size	3	50	4
		F	Mean Length	525	560	556
			Std. Error	11	4	8
			Range	509- 545	420- 613	525- 586
			Sample Size	3	69	8

Appendix E.4. Mean Length (mm) of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap.[a] (page 7 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/5-7 (9/3-20)	M	Mean Length	547	554	545
			Std. Error	33	6	-
			Range	484- 596	370- 638	545- 545
			Sample Size	3	64	1
		F	Mean Length		558	575
			Std. Error		3	23
			Range		486- 602	512- 613
			Sample Size	0	71	4
	Season [d]	M	Mean Length	535	535	555
			Range	438- 694	370- 638	505- 594
			Sample Size	11	171	9
		F	Mean Length	539	555	546
			Range	509- 558	420- 613	447- 613
			Sample Size	6	205	17
2008	8/10-11,13-14 (6/15-8/16)	M	Mean Length	524	544	543
			Std. Error	-	7	37
			Range	524- 524	445- 618	506- 579
			Sample Size	1	37	2
		F	Mean Length	574	546	500
			Std. Error	-	5	-
			Range	574- 574	501- 640	500- 500
			Sample Size	1	41	1
	8/19,22,24,26-27 (8/17-30)	M	Mean Length	529	534	545
			Std. Error	12	4	7
			Range	481- 575	415- 600	479- 584
			Sample Size	7	91	18
		F	Mean Length	535	543	546
			Std. Error	12	3	6
			Range	502- 560	426- 596	506- 598
			Sample Size	4	103	14
	9/3,5-7,9-10,12-14 (8/31-9/16)	M	Mean Length	507	549	569
			Std. Error	44	5	11
			Range	463- 551	458- 604	508- 610
			Sample Size	2	50	12
		F	Mean Length	549	541	554
			Std. Error	10	3	5
			Range	523- 571	475- 603	485- 605
			Sample Size	5	64	32

Appendix E.4. Mean Length (mm) of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap.[a] (page 8 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	526	539	548
			Range	463- 575	415- 618	479- 610
			Sample Size	10	178	32
		F	Mean Length	548	544	546
			Range	502- 574	426- 640	485- 605
			Sample Size	10	208	47
2009	8/12,14-17 (6/15-8/20)	M	Mean Length	486	544	518
			Std. Error	15	6	20
			Range	426- 532	369- 629	421- 591
			Sample Size	6	82	8
		F	Mean Length	568	551	549
			Std. Error	-	4	13
			Range	568- 568	449- 609	477- 601
			Sample Size	1	63	9
	8/23-24,26-28 (8/21-29)	M	Mean Length	529	554	563
			Std. Error	16	5	9
			Range	450- 609	426- 636	534- 594
			Sample Size	10	79	6
		F	Mean Length	541	562	561
			Std. Error	18	4	11
			Range	491- 574	446- 608	492- 592
			Sample Size	4	58	8
	8/31-9/1,3-5 (8/30-9/20)	M	Mean Length	541	556	532
			Std. Error	10	7	30
			Range	522- 578	427- 616	430- 604
			Sample Size	6	44	5
		F	Mean Length	552	563	568
			Std. Error	14	3	5
			Range	472- 614	380- 623	537- 600
			Sample Size	10	95	14
	Season	M	Mean Length	512	549	531
			Range	426- 609	369- 636	421- 604
			Sample Size	22	205	19
		F	Mean Length	551	557	557
			Range	472- 614	380- 623	477- 601
			Sample Size	15	216	31

Appendix E.4. Mean Length (mm) of coho salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap.[a] (page 9 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Grand Total [b]	M	Mean Length	521	555	552
			Range	426- 609	385- 669	417- 640
			Sample Size	70	1,540	123
		F	Mean Length	534	557	558
			Range	472- 568	380- 680	415- 621
			Sample size	42	1,363	153

[a] "Season" mean lengths are weighted by the escapement passage in each stratum.

[b] "Grand Total" mean lengths are simple averages of the "Season" mean lengths.

[c] The weir washed out in 2003; age and sex estimates are not available.

[d] Sampling dates do not meet criteria for estimating commercial harvest for some or all of the strata; Season is not included in "Grand Total".

Appendix E.5. Age and sex of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [ab] (page 1 of 7)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
1989[c]	8/23,24	75	M		3.4		55.2		0.0		58.6
	Season		F		0.0		41.4		0.0		41.4
			Total		3.4		96.6		0.0		100.0
1990[d]	8/23,26,27	87	M	203	8.0	1,898	74.7	145	5.7	2,249	88.5
	29,31,9/1		F	28	1.1	262	10.3	0	0.0	292	11.5
	(8/2-9/1)		Subtotal	231	9.1	2,160	85.0	145	5.7	2,541	100.0
	9/3-6,8	86	M	126	3.5	2,632	73.3	291	8.1	3,049	84.9
	(9/2-10/6)		F	0	0.0	377	10.5	169	4.7	542	15.1
			Subtotal	126	3.5	3,009	83.8	460	12.8	3,591	100.0
	Season	173	M	329	5.4	4,530	73.9	436	7.1	5,298	86.4
			F	28	0.5	639	10.4	169	2.8	834	13.6
			Total	357	5.8	5,169	84.3	604	9.9	6,132	100.0
1991	8/16-19	75	M	29	4.0	424	58.7	29	4.0	482	66.7
	(8/3-19)		F	9	1.3	222	30.7	9	1.3	241	33.3
			Subtotal	38	5.3	646	89.4	38	5.3	723	100.0
	8/20-23	69	M	10	2.9	232	68.1	5	1.4	247	72.5
	(8/20-23)		F	0	0.0	89	26.1	5	1.4	94	27.5
			Subtotal	10	2.9	320	94.2	10	2.8	340	100.0
	8/25-29	92	M	44	2.2	1,420	71.7	65	3.3	1,529	77.2
	(8/24-9/3)		F	0	0.0	430	21.7	22	1.1	452	22.8
			Subtotal	44	2.2	1,850	93.4	87	4.4	1,981	100.0
	9/9-10	49	M	0	0.0	1,389	44.9	0	0.0	1,389	44.9
	(9/4-10)		F	62	2.0	1,642	53.1	0	0.0	1,704	55.1
			Subtotal	62	2.0	3,031	98.0	0	0.0	3,093	100.0
	9/11-12	82	M	11	1.2	263	29.3	55	6.1	328	36.6
	(9/11-14)		F	11	1.2	525	58.5	33	3.7	569	63.4
			Subtotal	22	2.4	788	87.8	88	9.8	897	100.0
	9/15	10	M	0	0.0	1,757	60.0	0	0.0	1,757	60.0
	(9/15-10/4)		F	0	0.0	1,172	40.0	0	0.0	1,172	40.0
			Subtotal	0	0.0	2,929	100.0	0	0.0	2,929	100.0
	Season	377	M	93	0.9	5,485	55.1	154	1.5	5,733	57.5
			F	82	0.8	4,079	40.9	69	0.7	4,230	42.5
			Total	175	1.8	9,565	96.0	223	2.2	9,963	100.0
1992[c]	7/16-18	158	M	579	20.3	1,281	44.9	126	4.4	1,986	69.6
	Season		F	180	6.3	651	22.8	37	1.3	868	30.4
			Total	759	26.6	1,932	67.7	163	5.7	2,854	100.0

Appendix E.5. Age and sex of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [ab] (page 2 of 7)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
1993	9/1-3	157	M	82	1.9	2,392	55.4	108	2.5	2,586	59.9
	Season		F	26	0.6	1,679	38.9	26	0.6	1,731	40.1
			Total	108	2.5	4,071	94.3	134	3.1	4,317	100.0
1994	8/24-26	155	M	0	0.0	8,391	53.5	298	1.9	8,705	55.5
	(6/17-8/27)		F	94	0.6	6,572	41.9	298	1.9	6,979	44.5
			Subtotal	94	0.6	14,963	95.4	596	3.8	15,684	100.0
	8/29-31	151	M	112	1.3	3,428	39.7	630	7.3	4,170	48.3
	(8/28-9/3)		F	173	2.0	3,488	40.4	803	9.3	4,464	51.7
			Subtotal	285	3.3	6,916	80.1	1,433	16.6	8,634	100.0
	9/5-7	157	M	62	0.6	4,556	43.9	591	5.7	5,220	50.3
	(9/4-26)		F	62	0.6	4,825	46.5	259	2.5	5,157	49.7
			Subtotal	125	1.2	9,381	90.4	851	8.2	10,377	100.0
	Season	463	M	175	0.5	16,374	47.2	1,520	4.4	18,094	52.2
			F	329	0.9	14,885	42.9	1,360	3.9	16,601	47.8
			Total	504	1.5	31,259	90.1	2,880	8.3	34,695	100.0
1995	8/17-18	95	M	85	8.4	563	55.8	11	1.1	659	65.3
	(7/19-8/19)		F	53	5.3	255	25.3	42	4.2	351	34.7
			Subtotal	138	13.7	819	81.1	53	5.3	1,010	100.0
	8/22-23	103	M	122	1.9	3,971	63.1	367	5.8	4,460	70.9
	(8/20-26)		F	0	0.0	1,833	29.1	0	0.0	1,833	29.1
			Subtotal	122	1.9	5,803	92.2	367	5.8	6,293	100.0
	8/30-31	102	M	340	3.9	4,164	47.6	340	3.9	4,929	56.3
	(8/27-9/2)		F	85	1.0	3,314	37.9	425	4.9	3,824	43.7
			Subtotal	425	4.9	7,478	85.4	765	8.7	8,753	100.0
	9/5-6	64	M	45	1.6	1,388	48.4	46	1.6	1,478	51.6
	(9/3-6)		F	45	1.6	1,256	43.8	89	3.1	1,389	48.4
			Subtotal	90	3.1	2,643	92.2	135	4.7	2,868	100.0
	Season	364	M	592	3.1	10,086	53.3	764	4.0	11,527	60.9
			F	183	1.0	6,658	35.2	556	2.9	7,397	39.1
			Total	775	4.1	16,743	88.5	1,320	7.0	18,924	100.0
1996	8/3-8	38	M	0	0.0	2,921	86.8	0	0.0	2,921	86.8
	(7/20-8/12)		F	0	0.0	443	13.2	0	0.0	443	13.2
			Subtotal	0	0.0	3,363	100.0	0	0.0	3,363	100.0
	8/17-19	160	M	559	3.1	10,728	60.0	335	1.9	11,622	65.0
	(8/13-23)		F	112	0.6	6,035	33.8	112	0.6	6,258	35.0
			Subtotal	671	3.8	16,763	93.8	447	2.5	17,880	100.0

Appendix E.5. Age and sex of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [ab] (page 3 of 7)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	8/27-28	148	M	577	2.7	12,409	58.1	144	0.7	13,130	61.5
	(8/24-9/2)		F	144	0.7	7,936	37.2	144	0.7	8,225	38.5
			Subtotal	721	3.4	20,345	95.3	289	1.4	21,355	100.0
	9/7-8	150	M	94	1.3	3,439	48.7	141	2.0	3,674	52.0
	(9/3-10)		F	0	0.0	3,250	46.0	141	2.0	3,392	48.0
			Subtotal	94	1.3	6,689	94.7	283	4.0	7,066	100.0
	9/13-16	143	M	19	2.1	474	53.1	6	0.7	505	56.6
	(9/11-15)		F	6	0.7	336	37.8	44	4.9	386	43.4
			Subtotal	25	2.8	810	90.9	50	5.6	891	100.0
	Season	639	M	1,249	2.5	29,970	59.3	627	1.2	31,852	63.0
			F	262	0.5	18,000	35.6	441	0.9	18,703	37.0
			Total	1,511	3.0	47,970	94.9	1,068	2.1	50,555	100.0
1997	Season	0	M								
			F								
			Total							12,312	
1998	8/22-26,9/3-4	160	M	206	1.3	9,280	56.3	412	2.5	9,898	60.0
	(7/26-9/5)		F	103	0.6	6,290	38.1	208	1.3	6,598	40.0
			Subtotal	309	1.9	15,570	94.4	619	3.8	16,496	100.0
	9/7-8	146	M	0	0.0	1,887	57.5	90	2.7	1,977	60.3
	(9/6-11)		F	0	0.0	1,258	38.4	45	1.4	1,303	39.7
			Subtotal	0	0.0	3,145	95.9	135	4.1	3,280	100.0
	9/14-17	149	M	0	0.0	2,330	51.0	184	4.0	2,514	55.0
	(9/12-10/5)		F	92	2.0	1,870	40.9	92	2.0	2,054	45.0
			Subtotal	92	2.0	4,200	91.9	276	6.0	4,568	100.0
	Season	455	M	206	0.8	13,497	55.4	686	2.8	14,391	59.1
			F	195	0.8	9,418	38.7	343	1.4	9,957	40.9
			Total	401	1.6	22,915	94.1	1,029	4.2	24,344	100.0
1999	8/23-27	135	M	86	5.2	1,183	71.1	99	5.9	1,368	82.2
	(7/24-8/28)		F	0	0.0	247	14.8	49	3.0	296	17.8
			Subtotal	86	5.2	1,430	85.9	148	8.9	1,664	100.0
	8/30,9/1-3	138	M	0	0.0	2,134	73.9	167	5.8	2,301	79.7
	(8/29-9/4)		F	0	0.0	523	18.1	63	2.2	586	20.3
			Subtotal	0	0.0	2,657	92.0	230	8.0	2,887	100.0
	9/6-8	70	M	115	1.5	6,101	75.7	576	7.1	6,792	84.3
	(9/5-10/5)		F	115	1.4	921	11.4	230	2.9	1,266	15.7
			Subtotal	230	2.9	7,022	87.1	806	10.0	8,058	100.0

Appendix E.5. Age and sex of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [ab] (page 4 of 7)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	Season	343	M	202	1.6	9,418	74.7	842	6.7	10,461	83.0
			F	115	0.9	1,691	13.4	342	2.7	2,148	17.0
			Total	317	2.5	11,109	88.1	1,184	9.4	12,609	100.0
2000	8/8,10-12	136	M	0	0.0	2,693	74.3	27	0.7	2,720	75.0
	(6/25-8/14)		F	0	0.0	907	25.0	0	0.0	907	25.0
			Subtotal	0	0.0	3,600	99.3	27	0.7	3,627	100.0
	8/16,19-21	159	M	141	1.9	5,608	74.9	47	0.7	5,796	77.4
	(8/16-21)		F	0	0.0	1,649	22.0	47	0.6	1,697	22.6
			Subtotal	141	1.9	7,257	96.9	94	1.3	7,493	100.0
	8/25,27	157	M	0	0.0	10,445	76.4	174	1.3	10,619	77.7
	(8/24-31)		F	87	0.6	2,959	21.7	0	0.0	3,046	22.3
			Subtotal	87	0.6	13,404	98.1	174	1.3	13,665	100.0
	9/4-6	152	M	55	0.7	3,736	44.7	110	1.3	3,900	46.7
	(9/1-20)		F	55	0.6	4,120	49.4	275	3.3	4,450	53.3
			Subtotal	110	1.3	7,856	94.1	385	4.6	8,350	100.0
	Season	604	M	196	0.6	22,482	67.8	358	1.1	23,036	69.5
			F	142	0.4	9,635	29.1	322	1.0	10,099	30.5
			Total	338	1.0	32,117	96.9	680	2.1	33,135	100.0
2001	8/9,11-14	174	M	40	1.1	1,739	50.0	80	2.3	1,859	53.4
	(7/31-8/19)		F	20	0.6	1,460	42.0	140	4.0	1,620	46.6
			Subtotal	60	1.7	3,199	92.0	220	6.3	3,479	100.0
	8/25-27	180	M	107	1.1	4,699	48.9	213	2.2	5,019	52.2
	(8/20-8/31)		F	0	0.0	4,218	43.9	374	3.9	4,592	47.8
			Subtotal	107	1.1	8,917	92.8	587	6.1	9,611	100.0
	9/4,6-8	150	M	126	2.0	2,645	42.0	210	3.3	2,981	47.3
	(9/1-9/25)		F	0	0.0	2,938	46.7	378	6.0	3,316	52.7
			Subtotal	126	2.0	5,583	88.7	588	9.3	6,297	100.0
	Season	504	M	273	1.4	9,083	46.9	503	2.6	9,859	50.9
			F	20	0.1	8,616	44.4	892	4.6	9,528	49.1
			Total	293	1.5	17,699	91.3	1,395	7.2	19,387	100.0
2002	8/6,22-25	160	M	0	0.0	3,724	62.5	447	7.5	4,171	70.0
	(6/16-8/28)		F	0	0.0	1,601	26.9	186	3.1	1,787	30.0
			Subtotal	0	0.0	5,325	89.4	633	10.6	5,958	100.0
	9/1-3	149	M	0	0.0	3,555	57.0	878	14.1	4,434	71.1
	(8/29-9/6)		F	0	0.0	1,506	24.2	293	4.7	1,798	28.9
			Subtotal	0	0.0	5,061	81.2	1,171	18.8	6,232	100.0

Appendix E.5. Age and sex of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [ab] (page 5 of 7)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	9/10-14	114	M	0	0.0	1,286	55.3	143	6.1	1,429	61.4
	(9/7-24)		F	0	0.0	878	37.7	20	0.9	898	38.6
			Subtotal	0	0.0	2,164	93.0	163	7.0	2,327	100.0
	Season	423	M	0	0.0	8,565	59.0	1,468	10.1	10,033	69.1
			F	0	0.0	3,985	27.4	499	3.5	4,484	30.9
			Total	0	0.0	12,550	86.4	1,967	13.6	14,517	100.0
2003	8/12-14	58	M	0	0.0	5,439	65.5	859	10.3	6,298	75.9
	(7/20-8/20)		F	0	0.0	1,718	20.7	286	3.5	2,004	24.1
			Subtotal	0	0.0	7,157	86.2	1,145	13.8	8,302	100.0
	8/27,29	62	M	614	1.6	19,628	51.6	4,294	11.3	24,535	64.5
	(8/21-9/3)		F	613	1.6	9,201	24.2	3,680	9.7	13,495	35.5
			Subtotal	1,227	3.2	28,829	75.8	7,974	21.0	38,030	100.0
	9/17-18, 20	41	M	0	0.0	12,478	43.9	1,386	4.9	13,864	48.8
	(9/4-20)		F	0	0.0	12,478	43.9	2,080	7.3	14,558	51.2
			Subtotal	0	0.0	24,956	87.8	3,466	12.2	28,422	100.0
	Season	161	M	614	0.8	37,546	50.2	6,539	8.7	44,698	59.8
			F	613	0.8	23,396	31.3	6,046	8.1	30,056	40.2
			Total	1,227	1.6	60,942	81.5	12,585	16.8	74,754	100.0
2004	8/12-14	61	M	0	0.0	4,474	64.0	688	9.8	5,162	73.8
	(6/21-8/22)		F	0	0.0	1,836	26.2	0	0.0	1,836	26.2
			Subtotal	0	0.0	6,310	90.2	688	9.8	6,998	100.0
	8/24-26	56	M	166	1.8	5,468	58.9	332	3.6	5,966	64.3
	(8/23-9/2)		F	0	0.0	2,983	32.2	331	3.5	3,314	35.7
			Subtotal	166	1.8	8,451	91.1	663	7.1	9,280	100.0
	9/3-6	59	M	0	0.0	6,567	61.0	1,277	11.8	7,844	72.9
	(9/3-25)		F	0	0.0	2,372	22.1	547	5.1	2,919	27.1
			Subtotal	0	0.0	8,939	83.1	1,824	16.9	10,763	100.0
	Season	176	M	166	0.6	16,510	61.0	2,297	8.5	18,972	70.2
			F	0	0.0	7,190	26.6	878	3.2	8,069	29.8
			Total	166	0.6	23,700	87.6	3,175	11.7	27,041	100.0
2005	8/20-21,23-24,	167	M	411	4.2	4,225	43.1	646	6.6	5,281	53.9
	26,28-29		F	117	1.2	3,873	39.5	528	5.4	4,519	46.1
	(6/22-8/29)		Subtotal	528	5.4	8,098	82.6	1,174	12.0	9,800	100.0
	9/1-5	142	M	294	4.2	3,334	47.9	245	3.5	3,873	55.6
	(8/30-9/6)		F	196	2.8	2,696	38.7	196	2.8	3,089	44.4
			Subtotal	490	7.0	6,030	86.6	441	6.3	6,962	100.0

Appendix E.5. Age and sex of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [ab] (page 6 of 7)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	9/8-11	138	M	53	0.7	2,771	37.7	160	2.2	2,984	40.6
	(9/7-22)		F	373	5.1	3,570	48.5	426	5.8	4,370	59.4
			Subtotal	426	5.8	6,341	86.2	586	8.0	7,354	100.0
	Season	447	M	758	3.1	10,330	42.8	1,050	4.3	12,139	50.3
			F	687	2.9	10,140	42.1	1,151	4.8	11,977	49.7
			Total	1,445	6.0	20,470	84.9	2,201	9.1	24,116	100.0
2006	8/28-30	144	M	590	6.2	3,869	41.0	131	1.4	4,591	48.6
	(6/28-9/1)		F	459	4.9	4,132	43.7	262	2.8	4,853	51.4
			Subtotal	1,049	11.1	8,001	84.7	393	4.2	9,444	100.0
	9/4-6	137	M	254	4.4	1,987	34.3	42	0.7	2,283	39.4
	(9/2-9)		F	423	7.3	3,087	53.3	0	0.0	3,510	60.6
			Subtotal	677	11.7	5,074	87.6	42	0.7	5,793	100.0
	9/12-14	145	M	37	2.1	722	40.7	25	1.4	783	44.1
	(9/10-14)		F	49	2.7	917	51.7	24	1.4	991	55.9
			Subtotal	86	4.8	1,639	92.4	49	2.8	1,774	100.0
	Season	426	M	881	5.2	6,579	38.7	198	1.1	7,657	45.0
			F	931	5.4	8,136	47.8	287	1.7	9,354	55.0
			Total	1,812	10.6	14,715	86.5	485	2.8	17,011	100.0
2007	8/20-22	135	M	515	5.2	6,335	63.7	295	2.9	7,145	71.9
	(6/26-8/25)		F	74	0.7	2,578	25.9	147	1.5	2,799	28.1
			Subtotal	589	5.9	8,913	89.6	442	4.4	9,944	100.0
	8/30-9/1	147	M	229	2.0	4,948	44.2	229	2.0	5,405	48.3
	(8/26-9/5)		F	76	0.7	5,558	49.7	152	1.4	5,786	51.7
			Subtotal	305	2.7	10,506	93.9	381	3.4	11,191	100.0
	9/8,16-18	112	M	53	0.9	2,159	36.6	211	3.6	2,422	41.1
	(9/6-23)		F	0	0.0	2,949	50.0	526	8.9	3,476	58.9
			Subtotal	53	0.9	5,108	86.6	737	12.5	5,898	100.0
	Season	394	M	796	2.9	13,442	49.7	734	2.7	14,973	55.4
			F	150	0.6	11,085	41.0	826	3.1	12,060	44.6
			Total	946	3.5	24,527	90.7	1,560	5.8	27,033	100.0
2008	8/20-25	155	M	79	1.3	2,977	49.0	313	5.2	3,368	55.5
	7/3-8/27		F	78	1.3	2,506	41.3	118	1.9	2,703	44.5
			Subtotal	157	2.6	5,483	90.3	431	7.1	6,071	100.0
	8/29,31,9/1,3	156	M	372	3.2	4,612	39.7	893	7.7	5,877	50.6
	(8/28-9/6)		F	74	0.6	5,059	43.6	595	5.1	5,728	49.4
			Subtotal	446	3.8	9,671	83.3	1,488	12.8	11,605	100.0

Appendix E.5. Age and sex of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [ab] (page 7 of 7)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	9/9-11	144	M	0	0.0	3,413	28.5	666	5.5	4,078	34.0
	(9/7-30)		F	250	2.1	5,576	46.5	2,081	17.4	7,907	66.0
			Subtotal	250	2.1	8,989	75.0	2,747	22.9	11,985	100.0
	Season	455	M	450	1.5	11,001	37.1	1,872	6.3	13,324	44.9
			F	403	1.4	13,142	44.3	2,793	9.4	16,337	55.1
			Total	853	2.9	24,143	81.4	4,665	15.7	29,661	100.0
2009	8/20-23	175	M	0	0.0	4,148	49.7	429	5.2	4,577	54.9
	(6/25-8/26)		F	0	0.0	3,338	40.0	429	5.1	3,767	45.1
			Subtotal	0	0.0	7,486	89.7	858	10.3	8,344	100.0
	8/31-9/3	172	M	141	1.7	2,490	30.8	282	3.5	2,913	36.0
	(8/27-9/4)		F	94	1.2	4,698	58.2	376	4.6	5,168	64.0
			Subtotal	235	2.9	7,188	89.0	658	8.1	8,081	100.0
	9/7-11	173	M	76	1.1	2,311	35.3	114	1.7	2,501	38.2
	(9/5-27)		F	38	0.6	3,752	57.2	265	4.1	4,055	61.8
			Subtotal	114	1.7	6,063	92.5	379	5.8	6,556	100.0
	Season	520	M	217	0.9	8,950	38.9	825	3.6	9,991	43.5
			F	132	0.6	11,787	51.3	1,070	4.6	12,990	56.5
			Total	349	1.5	20,737	90.2	1,895	8.2	22,981	100.0
	Grand	7,066	M	7,529	1.7	232,991	52.0	20,670	4.6	261,312	62.1
	Total [e]		F	4,450	1.0	164,173	36.7	17,938	4.0	186,589	37.9
			Total	11,979	2.7	397,164	88.7	38,608	8.6	447,897	100.0

[a] The number of fish in each stratum age and sex category are derived from the sample percentages; discrepancies in sums are attributed to rounding errors.

[b] The number of fish in "Season" summaries are the strata sums; "Season" percentages are derived from the sums.

[c] The weir washed out in 1989 and 1992; these years are excluded from the "Grand Total".

[d] All 1990 Kogrukluk coho salmon scales need to be re-aged due to potential aging errors.

[e] The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums.

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 1 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1989	8/23,24	M	Mean Length	520	552	
	Season		Std. Error	-	7	
			Range	520- 520	500- 590	
			Sample Size	1	16	0
		F	Mean Length		557	
			Std. Error		9	
			Range		500- 595	
			Sample Size	0	12	0
1990	8/23,26,27	M	Mean Length	565	558	559
	29,31,9/1		Std. Error	10	3	11
	(8/2-9/1)		Range	523- 598	491- 603	528- 588
			Sample Size	7	65	5
		F	Mean Length	574	561	
			Std. Error	-	7	
			Range	574- 574	518- 581	
			Sample Size	1	9	0
	9/3-6,8	M	Mean Length	554	562	558
	(9/2-10/6)		Std. Error	9	3	9
			Range	537- 567	497- 620	517- 581
			Sample Size	3	63	7
		F	Mean Length		556	581
			Std. Error		9	8
			Range		513- 600	562- 598
			Sample Size	0	9	4
	Season	M	Mean Length	561	560	559
			Range	523- 598	491- 620	517- 588
			Sample Size	10	128	12
		F	Mean Length	574	558	581
			Range	574- 574	513 -600	562- 598
			Sample Size	1	18	4
1991	8/16-19	M	Mean Length	530	527	508
	(8/3-19)		Std. Error	14	6	18
			Range	505- 555	460- 605	490- 545
			Sample Size	3	44	3
		F	Mean Length	530	539	565
			Std. Error	-	7	-
			Range	530- 530	480- 600	565- 565
			Sample Size	1	23	1

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 2 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/20-23	M	Mean Length	513	555	520
	(8/20-23)		Std. Error	18	5	-
			Range	495- 530	485- 630	520- 520
			Sample Size	2	47	1
		F	Mean Length		563	545
			Std. Error		6	-
			Range		510- 605	545- 545
			Sample Size	0	18	1
	8/25-29	M	Mean Length	530	555	507
	(8/24-9/3)		Std. Error	-	5	18
			Range	530- 530	435- 625	480- 540
			Sample Size	2	66	3
		F	Mean Length		554	550
			Std. Error		7	-
			Range		475- 600	550- 550
			Sample size	0	20	1
	9/9-10	M	Mean Length		566	
	(9/4-10)		Std. Error		9	
			Range		455- 630	
			Sample Size	0	22	0
		F	Mean Length	565	562	
			Std. Error	-	6	
			Range	565- 565	495- 625	
			Sample Size	1	26	0
	9/11-12	M	Mean Length	580	560	588
	(9/11-14)		Std. Error	-	8	4
			Range	580- 580	475- 630	580- 600
			Sample Size	1	23	5
		F	Mean Length	515	547	560
			Std. Error	-	4	20
			Range	515- 515	465- 600	540- 580
			Sample Size	1	41	2

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 3 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/15 (9/15-10/4)	M	Mean Length		570	
			Std. Error		12	
			Range		530- 620	
			Sample Size	0	7	0
		F	Mean Length		560	570
			Std. Error		9	-
			Range		520- 610	570- 570
			Sample Size	0	11	1
	Season	M	Mean Length	534	561	536
			Range	495- 580	435- 630	480- 600
			Sample Size	8	209	12
		F	Mean Length	554	557	556
			Range	515- 565	465- 625	540- 580
			Sample Size	3	139	6
1992	7/16-18 Season	M	Mean Length	564	566	568
			Std. Error	6	3	8
			Range	495- 645	480- 650	530- 595
			Sample Size	32	71	7
		F	Mean Length	545	561	580
			Std. Error	8	5	20
			Range	505- 575	495- 640	560- 600
			Sample size	10	36	2
1993	9/1-3 Season	M	Mean Length	543	566	577
			Std. Error	25	4	5
			Range	505- 590	485- 660	570- 590
			Sample Size	3	87	4
		F	Mean Length	600	562	530
			Std. Error	-	4	-
			Range	600- 600	505- 665	530- 530
			Sample Size	1	61	1
1994	8/24-26 (6/17-8/27)	M	Mean Length		584	575
			Std. Error		4	15
			Range		455- 660	560- 605
			Sample Size	0	83	3
		F	Mean Length	610	576	568
			Std. Error	-	3	13
			Range	610- 610	560- 620	555- 595
			Sample Size	1	65	3

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 4 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/29-31 (8/28-9/3)	M	Mean Length	560	586	573
			Std. Error	-	5	6
			Range	560- 560	505- 695	545- 610
			Sample Size	2	60	11
		F	Mean Length	560	572	568
			Std. Error	16	3	6
			Range	530- 585	500- 650	500- 605
			Sample Size	3	61	14
	9/5-7 (9/4-26)	M	Mean Length	595	592	601
			Std. Error	-	4	12
			Range	595- 595	505- 655	540- 655
			Sample Size	1	69	9
		F	Mean Length	565	574	609
			Std. Error	-	4	21
			Range	565- 565	465- 625	550- 650
			Sample Size	1	73	4
	Season	M	Mean Length	572	587	584
			Range	560- 595	455- 695	540- 655
			Sample Size	3	212	23
		F	Mean Length	575	574	576
			Range	530- 610	465- 650	500- 650
			Sample size	5	199	21
1995	8/17-18 (7/19-8/19)	M	Mean Length	545	554	585
			Std. Error	7	6	-
			Range	520- 575	435- 625	585- 585
			Sample Size	8	53	1
		F	Mean Length	552	565	573
			Std. Error	19	6	19
			Range	490- 585	495- 620	540- 625
			Sample size	5	24	4
	8/22-23 (8/20-26)	M	Mean Length	560	545	564
			Std. Error	20	4	12
			Range	540- 580	465- 595	515- 600
			Sample Size	2	65	6
		F	Mean Length		561	
			Std. Error		5	
			Range		500- 610	
			Sample Size	0	30	0

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 5 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/30-31 (8/27-9/2)	M	Mean Length	565	558	555
			Std. Error	16	5	18
			Range	535- 600	495- 620	510- 595
			Sample Size	4	49	4
		F	Mean Length	600	557	545
			Std. Error	-	3	24
			Range	600- 600	510- 585	450- 580
			Sample Size	1	39	5
	9/5-6 (9/3-6)	M	Mean Length	535	568	530
			Std. Error	-	6	-
			Range	535- 535	520- 630	530- 530
			Sample Size	1	31	1
		F	Mean Length	575	570	553
			Std. Error	-	6	18
			Range	575- 575	470- 640	535- 570
			Sample Size	0	28	2
	Season	M	Mean Length	559	554	558
			Range	520- 600	435- 630	510- 600
			Sample Size	15	198	12
		F	Mean Length	580	561	548
			Range	490- 600	470- 640	450- 625
			Sample Size	6	121	11
1996	8/3-8 (7/20-8/12)	M	Mean Length		596	
			Std. Error		6	
			Range		530- 670	
			Sample Size	0	33	0
		F	Mean Length		578	
			Std. Error		14	
			Range		535- 620	
			Sample Size	0	5	0
	8/17-19 (8/13-23)	M	Mean Length	580	590	549
			Std. Error	16	3	21
			Range	540- 625	495- 655	507- 575
			Sample Size	5	96	3
		F	Mean Length	585	590	570
			Std. Error	-	3	-
			Range	585- 585	535- 640	570- 570
			Sample Size	1	54	1

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 6 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/27-28 (8/24-9/2)	M	Mean Length	589	598	595
			Std. Error	6	3	-
			Range	580- 605	505- 655	595- 595
			Sample Size	4	86	1
		F	Mean Length	595	597	573
			Std. Error	-	3	-
			Range	595- 595	520- 665	573- 573
			Sample Size	1	55	1
	9/7-8 (9/3-10)	M	Mean Length	620	604	600
			Std. Error	5	3	13
			Range	615- 625	520- 680	580- 625
			Sample Size	2	73	3
		F	Mean Length		599	570
			Std. Error		3	42
			Range		505- 650	490- 630
			Sample Size	0	69	3
	9/13-16 (9/11-15)	M	Mean Length	589	586	590
			Std. Error	5	4	-
			Range	580- 598	498- 690	590- 590
			Sample Size	3	76	1
		F	Mean Length	600	596	609
			Std. Error	-	4	8
			Range	600- 600	540- 655	565- 630
			Sample Size	1	54	7
	Season	M	Mean Length	587	596	571
			Range	540- 670	495- 690	507- 625
			Sample Size	14	364	8
		F	Mean Length	591	594	575
			Range	585- 600	505- 665	490- 630
			Sample Size	3	237	12
1997	No data was collected for the 1997 season.					

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 7 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1998	8/22-26, 9/3-4 (7/26-9/5)	M	Mean Length	595	578	606
			Std. Error	25	3	5
			Range	570- 620	480- 640	600- 620
			Sample Size	2	90	4
		F	Mean Length	540	575	573
			Std. Error	-	3	33
			Range	540- 540	510- 620	540- 605
			Sample Size	1	61	2
	9/7-8 (9/6-11)	M	Mean Length		593	558
			Std. Error		3	19
			Range		495- 645	515- 605
			Sample Size	0	84	4
		F	Mean Length		589	593
			Std. Error		2	8
			Range		535- 630	585- 600
			Sample Size	0	56	2
	9/14-17 (9/12-10/5)	M	Mean Length		585	579
			Std. Error		4	17
			Range		460- 640	525- 625
			Sample Size	0	76	6
		F	Mean Length	598	588	563
			Std. Error	12	4	17
			Range	575- 615	505- 680	535- 595
			Sample Size	3	61	3
	Season	M	Mean Length	595	581	593
			Range	570- 620	460- 645	515- 625
			Sample Size	2	250	14
		F	Mean Length	567	579	573
			Range	540- 615	505- 680	535- 605
			Sample Size	4	178	7
1999	8/23-27 (7/24-8/28)	M	Mean Length	549	551	580
			Std. Error	10	3	10
			Range	525- 595	470- 640	530- 605
			Sample Size	7	96	8
		F	Mean Length		559	550
			Std. Error		5	8
			Range		520- 595	530- 565
			Sample Size	0	20	4

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 8 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/30,9/1-3 (8/29-9/4)	M	Mean Length		563	598
			Std. Error		3	5
			Range		500- 650	580- 620
			Sample Size	0	102	8
		F	Mean Length		556	573
			Std. Error		6	4
			Range		480- 615	565- 580
			Sample Size	0	25	3
	9/6-8 (9/5-10/5)	M	Mean Length	525	567	599
			Std. Error	-	5	10
			Range	525- 525	440- 640	565- 620
			Sample Size	1	53	5
		F	Mean Length	560	573	563
			Std. Error	-	10	13
			Range	560- 560	510- 600	550- 575
			Sample Size	1	8	2
	Season	M	Mean Length	535	564	
			Range	525- 595	440- 650	
			Sample Size	8	251	0
		F	Mean Length	560	565	
			Range	560- 560	480- 615	
			Sample Size	1	53	0
2000	8/8,10-12 (6/25-8/14)	M	Mean Length		561	570
			Std. Error		3	-
			Range		500- 640	570- 570
			Sample Size	0	101	1
		F	Mean Length		552	
			Std. Error		5	
			Range		500- 600	
			Sample Size	0	34	0
	8/16,19-21 (8/16-21)	M	Mean Length	575	565	545
			Std. Error	3	2	-
			Range	570- 580	490- 620	545- 545
			Sample Size	3	119	1
		F	Mean Length		563	610
			Std. Error		4	-
			Range		500- 610	610- 610
			Sample Size	0	35	1

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 9 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/25,27 (8/24-31)	M	Mean Length		575	595
			Std. Error		2	25
			Range		520- 630	570- 620
			Sample Size	0	120	2
		F	Mean Length	555	569	
			Std. Error	-	4	
			Range	555- 555	510- 605	
			Sample Size	1	34	0
	9/4-6 (9/1-20)	M	Mean Length	550	564	545
			Std. Error	-	4	60
			Range	550- 550	505- 630	485- 605
			Sample Size	1	68	2
		F	Mean Length	575	565	582
			Std. Error	-	3	9
			Range	575- 575	485- 625	555- 605
			Sample Size	1	75	5
	Season	M	Mean Length	568	569	571
			Range	550- 580	490- 640	485- 620
			Sample Size	4	408	6
		F	Mean Length	563	565	586
			Range	555- 575	485- 625	555- 610
			Sample Size	2	178	6
2001	8/9,11-14 (7/31-8/19)	M	Mean Length	535	573	578
			Std. Error	50	4	17
			Range	485- 585	490- 640	540- 620
			Sample Size	2	87	4
		F	Mean Length	585	573	573
			Std. Error	-	3	6
			Range	585- 585	510- 670	550- 600
			Sample Size	1	73	7
	8/25-27 (8/20-31)	M	Mean Length	580	572	576
			Std. Error	20	4	11
			Range	560- 600	475- 640	560- 605
			Sample Size	2	88	4
		F	Mean Length		579	573
			Std. Error		3	6
			Range		470- 690	555- 600
			Sample Size	0	79	7

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 10 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/4,6-8 (9/1-25)	M	Mean Length	577	583	580
			Std. Error	29	5	9
			Range	520- 615	520- 790	555- 610
			Sample Size	3	63	5
		F	Mean Length		582	589
			Std. Error		3	6
			Range		525- 645	565- 610
			Sample Size	0	70	9
	Season	M	Mean Length	572	575	578
			Range	485- 615	475- 790	540- 620
			Sample Size	7	238	13
		F	Mean Length	585	579	580
			Range	585- 585	470- 690	550- 610
			Sample Size	1	222	23
2002	8/6,22-25 (6/16-8/28)	M	Mean Length		546	556
			Std. Error		3	8
			Range		456- 637	502- 594
			Sample Size	0	100	12
		F	Mean Length		559	580
			Std. Error		4	7
			Range		492- 602	554- 594
			Sample Size	0	43	5
	9/1-3 (8/29-9/6)	M	Mean Length		564	580
			Std. Error		4	7
			Range		480- 614	511- 621
			Sample Size	0	85	21
		F	Mean Length		566	576
			Std. Error		4	7
			Range		529- 619	552- 600
			Sample Size	0	36	7
	9/10-14 (9/7-9/24)	M	Mean Length		567	563
			Std. Error		4	8
			Range		495- 654	547- 600
			Sample Size	0	63	7
		F	Mean Length		568	579
			Std. Error		4	-
			Range		500- 630	579- 579
			Sample Size	0	43	1

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 11 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length		557	571
			Range		456- 654	502- 621
			Sample Size	0	248	40
		F	Mean Length		564	578
			Range		492- 630	552- 600
			Sample Size	0	122	13
2003	8/12-14 (7/20-8/20)	M	Mean Length		543	583
			Std. Error		5	7
			Range		466- 595	554- 598
			Sample Size	0	38	6
		F	Mean Length		560	580
			Std. Error		5	2
			Range		532- 595	578- 582
			Sample Size	0	12	2
	8/27,29 (8/21-9/3)	M	Mean Length	580	562	559
			Std. Error	-	6	18
			Range	580- 580	480- 656	474- 630
			Sample Size	1	32	7
		F	Mean Length	516	562	579
			Std. Error	-	8	10
			Range	516- 516	502- 609	535- 606
			Sample Size	1	15	6
	9/17-18,20 (9/4 - 20)	M	Mean Length		573	589
			Std. Error		12	24
			Range		461- 684	565- 613
			Sample Size	0	18	2
		F	Mean Length		574	578
			Std. Error		6	15
			Range		516- 642	548- 595
			Sample Size	0	18	3
	Season	M	Mean Length	580	563	568
			Range	580- 580	461- 684	474- 630
			Sample Size	1	88	15
		F	Mean Length	516	568	579
			Range	516- 516	502- 642	535- 606
			Sample Size	1	45	11

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 12 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2004	8/12-14 (6/21-8/22)	M	Mean Length		534	536
			Std. Error		4	13
			Range		473- 578	500- 576
			Sample Size	0	39	6
		F	Mean Length		534	
			Std. Error		6	
			Range		472- 564	
			Sample Size	0	16	0
	8/24-26 (8/23-9/2)	M	Mean Length	520	550	537
			Std. Error	-	4	19
			Range	520- 520	488- 588	518- 556
			Sample Size	1	33	2
		F	Mean Length		553	574
			Std. Error		6	8
			Range		490- 594	566- 582
			Sample Size	0	18	2
	9/3-6 (9/3-25)	M	Mean Length		551	572
			Std. Error		5	7
			Range		490- 614	550- 598
			Sample Size	0	36	7
		F	Mean Length		547	558
			Std. Error		4	1
			Range		526- 581	557- 560
			Sample Size	0	13	3
	Season	M	Mean Length	520	546	556
			Range	520- 520	473- 614	500- 598
			Sample Size	1	108	15
		F	Mean Length		546	564
			Range		472- 594	557- 582
			Sample Size	0	47	5
2005	8/20-21,23-24, 26,28-29 (6/22-8/29)	M	Mean Length	516	554	555
			Std. Error	18	5	13
			Range	448- 579	449- 638	489- 634
			Sample Size	7	72	11
		F	Mean Length	531	540	564
			Std. Error	84	7	15
			Range	447- 614	390- 609	471- 607
			Sample Size	2	66	9

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 13 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/1-5 (8/30-9/6)	M	Mean Length	514	539	554
			Std. Error	18	5	14
			Range	430- 549	439- 630	508- 591
			Sample Size	6	68	5
		F	Mean Length	550	533	552
			Std. Error	3	6	25
			Range	544- 559	416- 625	484- 601
			Sample Size	4	55	4
	9/8-11 (9/7-22)	M	Mean Length	566	532	542
			Std. Error	-	6	30
			Range	566- 566	409- 610	495- 597
			Sample Size	1	52	3
		F	Mean Length	550	544	570
			Std. Error	8	4	9
			Range	512- 579	456- 619	538- 600
			Sample Size	7	67	8
	Season	M	Mean Length	519	543	553
			Range	430- 579	409- 638	489- 634
			Sample Size	14	192	19
		F	Mean Length	547	540	564
			Range	447- 614	390- 625	471- 607
			Sample Size	13	188	21
2006	8/28-30 (6/28-9/1)	M	Mean Length	495	505	540
			Std. Error	17	6	56
			Range	412- 542	365- 584	484- 595
			Sample Size	9	59	2
		F	Mean Length	500	518	499
			Std. Error	20	5	9
			Range	406- 552	445- 601	485- 521
			Sample Size	7	63	4
	9/4-6 (9/2-9)	M	Mean Length	507	519	413
			Std. Error	16	6	-
			Range	456- 549	445- 598	413- 413
			Sample Size	6	47	1
		F	Mean Length	521	522	
			Std. Error	8	4	
			Range	460- 552	450- 590	
			Sample Size	10	73	0

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 14 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/12-14 (9/10-14)	M	Mean Length	508	500	516
			Std. Error	44	6	29
			Range	421- 561	395- 571	487- 545
			Sample Size	3	59	2
		F	Mean Length	531	520	546
			Std. Error	20	4	50
			Range	491- 586	421- 598	496- 596
			Sample Size	4	75	2
	Season	M	Mean Length	499	509	510
			Range	412- 561	365- 598	413- 595
			Sample Size	18	165	5
		F	Mean Length	511	520	503
			Range	406- 586	421- 601	485- 596
			Sample Size	21	211	6
2007	8/20-22 (6/26-8/25)	M	Mean Length	539	541	504
			Std. Error	17	4	34
			Range	460- 586	408- 644	404- 549
			Sample Size	7	86	4
		F	Mean Length	549	552	539
			Std. Error	-	5	17
			Range	549- 549	465- 604	522- 555
			Sample Size	1	35	2
	8/30-9/1 (8/26-9/5)	M	Mean Length	502	531	532
			Std. Error	27	6	22
			Range	456- 548	402- 632	489- 565
			Sample Size	3	65	3
		F	Mean Length	549	549	570
			Std. Error	-	4	4
			Range	549- 549	402- 651	566- 573
			Sample Size	1	73	2
	9/8,16-18 (9/6-23)	M	Mean Length	528	535	537
			Std. Error	-	6	22
			Range	528- 528	422- 597	497- 586
			Sample Size	1	41	4
		F	Mean Length		553	553
			Std. Error		4	8
			Range		455- 619	509- 606
			Sample Size	0	56	10

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 15 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	527	536	522
			Range	456- 586	402- 644	404- 586
			Sample Size	11	192	11
		F	Mean Length	549	551	553
			Range	549- 549	402- 651	509- 606
			Sample Size	2	164	14
2008	8/20-25 7/3-8/27	M	Mean Length	523	527	539
			Std. Error	6	5	16
			Range	517- 528	397- 615	440- 590
			Sample Size	2	76	8
		F	Mean Length	533	532	530
			Std. Error	4	3	10
			Range	529- 536	466- 574	509- 540
			Sample Size	2	64	3
	8/29,31,9/1,3 (8/28-9/6)	M	Mean Length	453	536	536
			Std. Error	28	4	9
			Range	400- 540	409- 607	470- 574
			Sample Size	5	62	12
		F	Mean Length	519	532	547
			Std. Error	-	3	9
			Range	519- 519	471- 572	502- 576
			Sample Size	1	68	8
	9/9-11 (9/7-30)	M	Mean Length		534	540
			Std. Error		5	11
			Range		428- 591	497- 587
			Sample Size	0	41	8
		F	Mean Length	544	545	557
			Std. Error	18	3	4
			Range	509- 566	490- 594	514- 591
			Sample Size	3	67	25
	Season	M	Mean Length	465	533	538
			Range	400- 540	397- 615	440- 590
			Sample Size	7	179	28
		F	Mean Length	537	538	554
			Range	509- 566	466- 594	502- 591
			Sample Size	6	199	36

Appendix E.6. Mean length (mm) of coho salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap. [a] (page 16 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2009	8/20-23 (6/25-8/26)	M	Mean Length		544	576
			Std. Error		5	19
			Range		363- 635	457- 614
			Sample Size	0	87	9
		F	Mean Length		548	556
			Std. Error		4	12
			Range		472- 616	494- 608
			Sample Size	0	70	9
	8/31-9/3 (8/27-9/4)	M	Mean Length	485	536	551
			Std. Error	15	6	15
			Range	460- 513	424- 608	498- 596
			Sample Size	3	53	6
		F	Mean Length	494	538	554
			Std. Error	11	3	10
			Range	483- 504	458- 616	518- 592
			Sample Size	2	100	8
	9/7-11 (9/5-27)	M	Mean Length	515	530	556
			Std. Error	12	6	15
			Range	503- 527	433- 630	526- 577
			Sample Size	2	61	3
		F	Mean Length	535	538	547
			Std. Error	-	4	11
			Range	535- 535	418- 609	505- 591
			Sample Size	1	99	7
	Season	M	Mean Length	495	538	565
			Range	460- 527	363- 635	457- 614
			Sample Size	5	201	18
		F	Mean Length	505	541	553
			Range	483- 535	418- 616	494- 608
			Sample Size	3	269	24
	Grand Total [b]	M	Mean Length	543	558	560
			Range	400- 670	397- 695	404- 655
			Sample Size	153	3,661	250
		F	Mean Length	553	559	563
			Range	490- 610	402- 665	500- 650
			Sample size	71	2,572	216

[a] "Season" mean lengths are weighted by the escapement passage in each stratum.

[b] "Grand Total" mean lengths are simple averages of the "Season" mean lengths.

Appendix E.7. Age and sex of coho salmon at the George River weir based on escapement samples collected with a fish trap.[ab] (page 1 of 5)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
1997	8/4-7,10-12	60	M	0	0.0	721	56.7	21	1.7	743	58.3
	(7/20-8/16)		F	0	0.0	531	41.6	0	0.0	530	41.7
			Subtotal	0	0.0	1,252	98.3	21	1.7	1,273	100.0
	8/20-26	71	M	0	0.0	1,829	64.8	40	1.4	1,868	66.2
	(8/17-28)		F	0	0.0	914	32.4	39	1.4	954	33.8
			Subtotal	0	0.0	2,743	97.2	79	2.8	2,822	100.0
	8/30-31,9/3-4	74	M	196	4.1	2,355	48.7	0	0.0	2,552	52.7
	(8/29-9/15)		F	0	0.0	2,225	45.9	65	1.4	2,290	47.3
			Subtotal	196	4.1	4,580	94.6	65	1.4	4,842	100.0
	Season	205	M	196	2.2	4,905	54.9	61	0.7	5,163	57.8
			F	0	0.0	3,670	41.0	105	1.2	3,774	42.2
			Total	196	2.2	8,575	95.9	166	1.9	8,937	100.0
1998	The weir was not operated through coho season during 1998.										
1999	8/28-31	107	M	108	4.7	978	42.0	195	8.4	1,283	55.1
	(7/28-8/31)		F	22	0.9	674	29.0	348	15.0	1,043	44.9
			Subtotal	130	5.6	1,652	71.0	543	23.4	2,326	100.0
	9/2-4	99	M	50	2.0	1,057	42.4	554	22.2	1,661	66.7
	(9/1-6)		F	0	0.0	630	25.3	201	8.1	831	33.3
			Subtotal	50	2.0	1,687	67.7	755	30.3	2,492	100.0
	9/10,12-13	132	M	0	0.0	1,651	40.2	686	16.7	2,336	56.8
	(9/7-24)		F	62	1.5	1,246	30.3	467	11.3	1,776	43.2
			Subtotal	62	1.5	2,897	70.5	1,153	28.0	4,112	100.0
	Season	338	M	159	1.8	3,687	41.3	1,435	16.0	5,280	59.1
			F	84	0.9	2,549	28.5	1,016	11.4	3,650	40.9
			Total	243	2.7	6,236	69.8	2,451	27.4	8,930	100.0
2000	8/13-15	150	M	0	0.0	1,931	59.3	22	0.7	1,953	60.0
	(7/22-8/18)		F	43	1.3	1,237	38.0	21	0.6	1,302	40.0
			Subtotal	43	1.3	3,168	97.3	43	1.3	3,255	100.0
	8/21-22,24	116	M	107	2.6	2,493	60.3	0	0.0	2,600	62.9
	(8/19-26)		F	0	0.0	1,531	37.1	0	0.0	1,531	37.1
			Subtotal	107	2.6	4,024	97.4	0	0.0	4,131	100.0
	8/29-30	99	M	0	0.0	1,759	45.5	78	2.0	1,837	47.5
	(8/27-9/16)		F	0	0.0	2,033	52.5	0	0.0	2,033	52.5
			Subtotal	0	0.0	3,792	98.0	78	2.0	3,870	100.0
	Season	365	M	107	0.9	6,183	54.9	100	0.9	6,390	56.8
			F	43	0.4	4,801	42.7	22	0.2	4,866	43.2
			Total	150	1.3	10,984	97.6	122	1.1	11,256	100.0

Appendix E.7. Age and sex of coho salmon at the George River weir based on escapement samples collected with a fish trap.[ab] (page 2 of 5)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
2001	8/9,28-30	148	M	85	0.7	4,000	31.7	1,872	14.9	5,958	47.3
	(7/27-9/1)		F	0	0.0	4,255	33.8	2,383	18.9	6,638	52.7
			Subtotal	85	0.7	8,255	65.5	4,255	33.8	12,596	100.0
	9/4-7	135	M	7	0.7	298	30.4	145	14.8	451	45.9
	(9/2-9)		F	0	0.0	320	32.6	211	21.5	531	54.1
			Subtotal	7	0.7	618	63.0	356	36.3	982	100.0
	9/12-15	88	M	19	2.3	220	26.1	86	10.2	325	38.6
	(9/10-22)		F	0	0.0	363	43.2	153	18.2	516	61.4
			Subtotal	19	2.3	583	69.3	239	28.4	841	100.0
	Season	371	M	111	0.8	4,518	31.3	2,104	14.6	6,733	46.7
			F	0	0.0	4,939	34.3	2,747	19.0	7,686	53.3
			Total	111	0.8	9,457	65.6	4,851	33.6	14,419	100.0
2002	8/6-8	11	M		0.0		72.7		9.1		81.8
	(6/15-8/16)		F		0.0		18.2		0.0		18.2
			Subtotal		0.0		90.9		9.1	603	100.0
	8/23-26	55	M	0	0.0	665	61.8	98	9.1	762	70.9
	(8/17-30)		F	0	0.0	293	27.3	19	1.8	313	29.1
			Subtotal	0	0.0	958	89.1	117	10.9	1,075	100.0
	9/3	6	M		0.0		66.7		0.0		66.7
	(8/31-9/20)		F		0.0		33.3		0.0		33.3
			Subtotal		0.0		100.0		0.0	5,081	100.0
	Season	72	M								
			F								
			Total							6,759	
2003	8/12-13	50	M	105	2.0	2,740	52.0	211	4.0	3,056	58
	(7/18-8/19)		F	211	4.0	1,791	34.0	211	4.0	2,213	42
			Subtotal	316	6.0	4,531	86.0	422	8.0	5,269	100.0
	8/26	58	M	0	0.0	6,927	43.1	831	5.2	7,757	48.3
	(8/20-31)		F	0	0.0	6,649	41.4	1,662	10.3	8,312	51.7
			Subtotal	0	0.0	13,576	84.5	2,493	15.5	16,069	100.0
	9/6-7	63	M	0	0.0	4,550	38.1	379	3.2	4,929	41.3
	(9/1-20)		F	0	0.0	6,635	55.6	379	3.1	7,014	58.7
			Subtotal	0	0.0	11,185	93.7	758	6.3	11,943	100.0
	Season	171	M	105	0.3	14,216	42.7	1,421	4.3	15,742	47.3
			F	211	0.6	15,076	45.3	2,252	6.7	17,539	52.7
			Total	316	0.9	29,292	88.0	3,673	11.0	33,281	100.0
2004	8/11-15	66	M	0	0.0	1,851	71.2	158	6.1	2,008	77.3
	(7/20-8/19)		F	0	0.0	590	22.7	0	0.0	591	22.7
			Subtotal	0	0.0	2,441	93.9	158	6.1	2,599	100.0
	8/22-25	59	M	87	1.7	2,775	54.2	433	8.5	3,295	64.4
	(8/20-9/1)		F	0	0.0	1,734	33.9	87	1.7	1,821	35.6
			Subtotal	87	1.7	4,509	88.1	520	10.2	5,116	100.0

Appendix E.7. Age and sex of coho salmon at the George River weir based on escapement samples collected with a fish trap.[ab] (page 3 of 5)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	9/4-5,7	66	M	0	0.0	2,850	51.5	252	4.6	3,102	56.1
	(9/2-24)		F	84	1.5	2,096	37.9	251	4.5	2,431	43.9
			Subtotal	84	1.5	4,946	89.4	503	9.1	5,533	100.0
	Season	191	M	87	0.7	7,476	56.4	843	6.4	8,405	63.4
			F	84	0.6	4,421	33.4	338	2.5	4,843	36.6
			Total	171	1.3	11,897	89.8	1,181	8.9	13,248	100.0
2005	8/14-19,21,23	158	M	34	1.3	1,226	45.6	238	8.9	1,499	55.7
	(6/15-8/23)		F	0	0.0	903	33.5	290	10.7	1,192	44.3
			Subtotal	34	1.3	2,129	79.1	528	19.6	2,691	100.0
	8/24-29	154	M	0	0.0	783	51.3	109	7.1	892	58.4
	(8/24-9/2)		F	20	1.3	476	31.2	139	9.1	635	41.6
			Subtotal	20	1.3	1,259	82.5	248	16.2	1,527	100.0
	9/4-6	151	M	26	0.7	1,530	38.4	264	6.6	1,820	45.7
	(9/3-20)		F	0	0.0	1,661	41.7	501	12.6	2,162	54.3
			Subtotal	26	0.7	3,191	80.1	765	19.2	3,982	100.0
	Season	463	M	60	0.7	3,539	43.1	611	7.5	4,211	51.4
			F	20	0.3	3,040	37.1	930	11.3	3,989	48.6
			Total	80	1.0	6,579	80.2	1,541	18.8	8,200	100.0
2006	8/4-5,15-17	131	M	189	4.6	1,919	46.6	315	7.6	2,423	58.8
	(6/15-8/23)		F	63	1.5	1,416	34.3	220	5.4	1,699	41.2
			Subtotal	252	6.1	3,335	80.9	535	13.0	4,122	100.0
	8/30-31	144	M	113	2.8	1,673	41.0	28	0.7	1,815	44.4
	(8/24-9/4)		F	0	0.0	2,098	51.4	170	4.2	2,268	55.6
			Subtotal	113	2.8	3,771	92.4	198	4.9	4,083	100.0
	9/7-8	165	M	112	3.6	1,161	37.6	75	2.4	1,348	43.6
	(9/5-20)		F	19	0.6	1,667	53.9	56	1.8	1,742	56.4
			Subtotal	131	4.2	2,828	91.5	131	4.2	3,090	100.0
	Season	440	M	414	3.7	4,753	42.1	418	3.7	5,586	49.5
			F	82	0.7	5,181	45.9	446	4.0	5,709	50.5
			Total	496	4.4	9,934	88.0	864	7.7	11,295	100.0
2007	8/18-21	156	M	82	0.6	8,699	67.9	246	1.9	9,028	70.5
	(6/15-8/22)		F	164	1.3	3,365	26.3	246	1.9	3,775	29.5
			Subtotal	246	1.9	12,064	94.2	492	3.8	12,803	100.0

Appendix E.7. Age and sex of coho salmon at the George River weir based on escapement samples collected with a fish trap.[ab] (page 4 of 5)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
		0	M								
	(8/23-27)		F								
			Subtotal							6,962	
	8/29-9/1	143	M	91	1.4	3,673	56.6	91	1.4	3,855	59.4
	(8/28-9/4)		F	45	0.7	2,540	39.2	45	0.7	2,630	40.6
			Subtotal	136	2.1	6,213	95.8	136	2.1	6,485	100.0
	9/10-13	143	M	21	0.7	1,244	40.6	86	2.8	1,351	44.1
	(9/5-20)		F	0	0.0	1,651	53.8	64	2.1	1,716	55.9
			Subtotal	21	0.7	2,895	94.4	150	4.9	3,067	100.0
	Season [d]	442	M								
			F								
			Total							29,317	
2008	8/14-18	148	M	0	0.0	3,223	41.2	898	11.5	4,122	52.7
	(6/25-8/21)		F	0	0.0	2,537	32.4	1,163	14.9	3,699	47.3
			Subtotal	0	0.0	5,760	73.6	2,061	26.4	7,821	100.0
	8/25-28,30	140	M	101	1.4	2,584	36.4	1,064	15.0	3,749	52.9
	(8/22-31)		F	0	0.0	1,722	24.3	1,621	22.9	3,343	47.1
			Subtotal	101	1.4	4,306	60.7	2,685	37.9	7,092	100.0
	9/5,8-10	141	M	0	0.0	1,593	22.7	995	14.2	2,588	36.9
	(9/1-20)		F	0	0.0	2,240	31.9	2,190	31.2	4,430	63.1
			Subtotal	0	0.0	3,833	54.6	3,185	45.4	7,018	100.0
	Season	429	M	101	0.5	7,400	33.8	2,957	13.5	10,459	47.7
			F	0	0.0	6,498	29.6	4,974	22.7	11,472	52.3
			Total	101	0.5	13,898	63.4	7,931	36.2	21,931	100.0
2009	8/16-17,20-22	135	M	33	0.8	2,950	67.4	97	2.2	3,079	70.4
	(6/15-8/22)		F	32	0.7	1,167	26.7	97	2.2	1,297	29.6
			Subtotal	65	1.5	4,117	94.1	194	4.4	4,376	100.0
	8/27-9/1	209	M	33	1.0	1,584	46.4	65	1.9	1,682	49.3
	(8/23-9/1)		F	49	1.4	1,584	46.4	98	2.9	1,731	50.7
			Subtotal	82	2.4	3,168	92.8	163	4.8	3,413	100.0
	9/9-17	180	M	0	0.0	1,974	42.2	156	3.3	2,130	45.6
	(9/2-20)		F	52	1.1	2,311	49.5	182	3.9	2,545	54.4
			Subtotal	52	1.1	4,285	91.7	338	7.2	4,675	100.0
	Season	524	M	65	0.5	6,508	52.2	318	2.6	6,891	55.3
			F	133	1.1	5,062	40.6	377	3.0	5,573	44.7
			Total	198	1.6	11,570	92.8	695	5.6	12,464	100.0

Appendix E.7. Age and sex of coho salmon at the George River weir based on escapement samples collected with a fish trap.[ab] (page 5 of 5)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	Grand	3,497	M	1,405	1.0	63,185	43.9	10,268	7.1	74,860	52.0
	Total [c]		F	657	0.5	55,237	38.4	13,207	9.2	69,101	48.0
			Total	2,062	1.4	118,422	82.3	23,475	16.3	143,961	100.0

[a] The number of fish in each stratum age and sex category are derived from the sample percentages; discrepancies in sums are attributed to rounding errors.

[b] The number of fish in "Season" summaries are the strata sums; "Season" percentages are derived from the sums.

[c] The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums.

[d] Sampling dates do not meet criteria for estimating commercial harvest for some or all of the strata; Season is not included in "Grand Total".

Appendix E.8. Mean length (mm) of coho salmon at the George River weir based on escapement samples collected with a fish trap.[a] (page 1 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1997	8/4-7,10-12 (7/20-8/16)	M	Mean Length		528	534
			Std. Error		9	-
			Range		383- 615	534- 534
			Sample Size	0	34	1
		F	Mean Length		541	
			Std. Error		9	
			Range		456- 632	
			Sample Size	0	25	0
	8/20-26 (8/17-28)	M	Mean Length		554	587
			Std. Error		6	-
			Range		456- 651	587- 587
			Sample Size	0	46	1
		F	Mean Length		562	558
			Std. Error		7	-
			Range		483- 631	558- 558
			Sample Size	0	23	1
	8/30-31,9/3-4 (8/29-9/15)	M	Mean Length	569	556	
			Std. Error	19	9	
			Range	541- 606	425- 653	
			Sample Size	3	36	0
		F	Mean Length		571	595
			Std. Error		5	-
			Range		527- 651	595- 595
			Sample Size	0	34	1
	Season	M	Mean Length	569	551	569
			Range	541- 606	383- 653	534- 587
			Sample Size	3	116	2
		F	Mean Length		564	581
			Range		456- 651	558- 595
			Sample size	0	82	2
1998	No data was collected for the 1998 season.					

Appendix E.8. Mean length (mm) of coho salmon at the George River weir based on escapement samples collected with a fish trap.[a] (page 2 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1999	8/28-31 (7/28-8/31)	M	Mean Length	497	528	518
			Std. Error	6	7	15
			Range	480- 510	405- 605	450- 585
			Sample Size	5	45	9
		F	Mean Length	595	547	547
			Std. Error	-	5	7
			Range	595- 595	495- 580	495- 590
			Sample Size	1	31	16
	9/2-4 (9/1-6)	M	Mean Length	495	546	568
			Std. Error	5	7	9
			Range	490- 500	415- 620	500- 645
			Sample Size	2	42	22
		F	Mean Length		549	554
			Std. Error		8	3
			Range		445- 600	545- 575
			Sample Size	0	25	8
	9/10,12-13 (9/7-24)	M	Mean Length		559	573
			Std. Error		5	9
			Range		460- 620	485- 640
			Sample Size	0	53	22
		F	Mean Length	518	535	553
			Std. Error	28	6	10
			Range	490- 545	445- 600	475- 635
			Sample Size	2	40	15
	Season	M	Mean Length	496	547	564
			Range	480- 510	405- 620	450- 645
			Sample Size	7	140	53
		F	Mean Length	538	541	551
			Range	490- 595	445- 600	475- 635
			Sample Size	3	96	39
2000	8/13-15 (7/22-8/18)	M	Mean Length		533	565
			Std. Error		5	-
			Range		415- 625	565- 565
			Sample Size	0	89	1
		F	Mean Length	558	552	540
			Std. Error	18	4	-
			Range	540- 575	485- 620	540- 540
			Sample Size	2	57	1

Appendix E.8. Mean length (mm) of coho salmon at the George River weir based on escapement samples collected with a fish trap.[a] (page 3 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/21-22,24 (8/19-26)	M	Mean Length	497	540	
			Std. Error	26	5	
			Range	445- 530	445- 655	
			Sample Size	3	70	0
		F	Mean Length		547	
			Std. Error		5	
			Range		470- 620	
			Sample Size	0	43	0
	8/29-30 (8/27-9/16)	M	Mean Length		562	630
			Std. Error		5	45
			Range		485- 635	585- 675
			Sample Size	0	45	2
		F	Mean Length		557	
			Std. Error		4	
			Range		470- 625	
			Sample Size	0	52	0
	Season	M	Mean Length	497	544	616
			Range	445- 530	415- 655	565- 675
			Sample Size	3	204	3
		F	Mean Length	558	552	540
			Range	540- 575	470- 625	540- 540
			Sample Size	2	152	1
2001	8/9,28-30 (7/27-9/1)	M	Mean Length	476	566	549
			Std. Error	-	8	12
			Range	476- 476	408- 637	385- 629
			Sample Size	1	47	22
		F	Mean Length		552	553
			Std. Error		5	6
			Range		426- 625	476- 608
			Sample Size	0	50	28
	9/4-7 (9/2-9)	M	Mean Length	562	560	579
			Std. Error	-	7	13
			Range	562- 562	457- 635	426- 659
			Sample Size	1	41	20
		F	Mean Length		553	565
			Std. Error		6	5
			Range		449- 632	528- 620
			Sample Size	0	44	29

Appendix E.8. Mean length (mm) of coho salmon at the George River weir based on escapement samples collected with a fish trap.[a] (page 4 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/12-15 (9/10-22)	M	Mean Length	593	573	603
			Std. Error	5	11	13
			Range	588- 597	474- 665	558- 671
			Sample Size	2	23	9
		F	Mean Length		555	580
			Std. Error		7	11
			Range		378- 610	439- 626
			Sample Size	0	38	16
	Season	M	Mean Length	502	566	553
			Range	476- 597	408- 665	385- 671
			Sample Size	4	111	51
		F	Mean Length		552	556
			Range		378- 632	439- 626
			Sample Size	0	132	73
2002	8/6-8 (6/15-8/16)	M	Mean Length		531	491
			Std. Error		13	-
			Range		482- 593	491- 491
			Sample Size	0	8	1
		F	Mean Length		542	
			Std. Error		46	
			Range		496- 587	
			Sample Size	0	2	0
	8/23-26 (8/17-30)	M	Mean Length		529	562
			Std. Error		10	15
			Range		418- 653	523- 606
			Sample Size	0	34	5
		F	Mean Length		563	534
			Std. Error		8	-
			Range		487- 604	534- 534
			Sample Size	0	15	1
	9/3 (8/31-9/20)	M	Mean Length		591	
			Std. Error		18	
			Range		569- 645	
			Sample Size	0	4	0
		F	Mean Length		564	
			Std. Error		26	
			Range		537- 590	
			Sample Size	0	2	0

Appendix E.8. Mean length (mm) of coho salmon at the George River weir based on escapement samples collected with a fish trap.[a] (page 5 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length		576	536
			Range		418- 653	491- 606
			Sample Size	0	46	6
		F	Mean Length		562	534
			Range		487- 604	534- 534
			Sample Size	0	19	1
2003	8/12-13 (7/18-8/19)	M	Mean Length	578	544	536
			Std. Error	-	10	21
			Range	578- 578	429- 620	515- 556
			Sample Size	1	26	2
		F	Mean Length	454	529	558
			Std. Error	46	14	18
			Range	408- 500	410- 593	540- 576
			Sample Size	2	17	2
	8/26 (8/20-31)	M	Mean Length		566	547
			Std. Error		8	31
			Range		497- 673	486- 580
			Sample Size	0	25	3
		F	Mean Length		574	572
			Std. Error		8	9
			Range		458- 633	542- 601
			Sample Size	0	24	6
	9/6-7 (9/1-20)	M	Mean Length		543	576
			Std. Error		10	28
			Range		428- 617	548- 604
			Sample Size	0	24	2
		F	Mean Length		554	556
			Std. Error		6	11
			Range		440- 605	545- 567
			Sample Size	0	35	2
	Season	M	Mean Length	578	554	553
			Range	578- 578	428- 673	486- 604
			Sample Size	1	75	7
		F	Mean Length	454	560	568
			Range	408- 500	410- 633	540- 601
			Sample Size	2	76	10

Appendix E.8. Mean length (mm) of coho salmon at the George River weir based on escapement samples collected with a fish trap.[a] (page 6 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2004	8/11-15 (7/20-8/19)	M	Mean Length		526	532
			Std. Error		7	12
			Range		420- 650	500- 558
			Sample Size	0	47	4
		F	Mean Length		533	
			Std. Error		8	
			Range		476- 568	
			Sample Size	0	15	0
	8/22-25 (8/20-9/1)	M	Mean Length	532	535	530
			Std. Error	-	9	19
			Range	532- 532	396- 635	481- 573
			Sample Size	1	32	5
		F	Mean Length		557	516
			Std. Error		7	-
			Range		462- 599	516- 516
			Sample Size	0	20	1
	9/4-5,7 (9/2-24)	M	Mean Length		538	540
			Std. Error		8	25
			Range		430- 660	491- 575
			Sample Size	0	34	3
		F	Mean Length	529	544	531
			Std. Error	-	6	30
			Range	529- 529	447- 579	482- 585
			Sample Size	1	25	3
	Season	M	Mean Length	532	534	534
			Range	532- 532	396- 660	481- 575
			Sample Size	1	113	12
		F	Mean Length	529	548	527
			Range	529- 529	447- 599	482- 585
			Sample Size	1	60	4
2005	8/14-19,21,23 (6/15-8/23)	M	Mean Length	435	512	540
			Std. Error	15	7	18
			Range	420- 450	400- 630	410- 630
			Sample Size	2	72	14
		F	Mean Length		548	551
			Std. Error		4	12
			Range		470- 625	448- 625
			Sample Size	0	53	17

Appendix E.8. Mean length (mm) of coho salmon at the George River weir based on escapement samples collected with a fish trap.[a] (page 7 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/24-29 (8/24-9/2)	M	Mean Length		541	539
			Std. Error		6	19
			Range		410- 642	410- 615
			Sample Size	0	79	11
		F	Mean Length	508	546	535
			Std. Error	13	6	10
			Range	495- 520	455- 616	474- 604
			Sample Size	2	48	14
	9/4-6 (9/3-20)	M	Mean Length	468	543	493
			Std. Error	-	6	17
			Range	468- 468	420- 642	405- 569
			Sample Size	1	58	10
		F	Mean Length		552	558
			Std. Error		6	9
			Range		335- 614	485- 612
			Sample Size	0	63	19
	Season	M	Mean Length	449	532	520
			Range	420- 468	400- 642	405- 630
			Sample Size	3	209	35
		F	Mean Length	508	550	552
			Range	495- 520	335- 625	448- 625
			Sample Size	2	164	50
2006	8/4-5,15-17 (6/15-8/23)	M	Mean Length	523	521	523
			Std. Error	11	6	15
			Range	478- 556	432- 619	432- 579
			Sample Size	6	61	10
		F	Mean Length	546	529	538
			Std. Error	14	5	5
			Range	531- 560	439- 576	512- 556
			Sample Size	2	45	7
	8/30-31 (8/24-9/4)	M	Mean Length	502	516	566
			Std. Error	21	6	-
			Range	476- 563	405- 635	566- 566
			Sample Size	4	59	1
		F	Mean Length		529	540
			Std. Error		4	19
			Range		472- 601	494- 608
			Sample Size	0	74	6

Appendix E.8. Mean length (mm) of coho salmon at the George River weir based on escapement samples collected with a fish trap.[a] (page 8 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/7-8 (9/5-20)	M	Mean Length	514	521	512
			Std. Error	11	6	30
			Range	476- 546	412- 625	477- 602
			Sample Size	6	62	4
		F	Mean Length	512	531	562
			Std. Error	-	3	19
			Range	512- 512	402- 592	529- 594
			Sample Size	1	89	3
	Season	M	Mean Length	515	519	524
			Range	476- 563	405- 635	432- 602
			Sample Size	16	182	15
		F	Mean Length	538	530	542
			Range	512- 560	402- 601	494- 608
			Sample Size	3	208	16
2007	8/18-21 (6/15-8/23)	M	Mean Length	515	534	567
			Std. Error	-	5	22
			Range	515- 515	400- 635	525- 600
			Sample Size	1	106	3
		F	Mean Length	578	557	557
			Std. Error	13	4	7
			Range	565- 590	445- 605	550- 570
			Sample Size	2	41	3
	8/29-9/1 (8/24-9/4)	M	Mean Length	583	554	590
			Std. Error	5	5	20
			Range	578- 588	440- 624	570- 610
			Sample Size	2	81	2
		F	Mean Length	610	565	550
			Std. Error	-	4	-
			Range	610- 610	465- 630	550- 550
			Sample Size	1	56	1
	9/10-13 (9/5-20)	M	Mean Length	540	560	538
			Std. Error	-	5	22
			Range	540- 540	470- 625	475- 580
			Sample Size	1	58	4
		F	Mean Length		553	555
			Std. Error		4	31
			Range		465- 625	515- 615
			Sample Size	0	77	3

Appendix E.8. Mean length (mm) of coho salmon at the George River weir based on escapement samples collected with a fish trap.[a] (page 9 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season[c]	M	Mean Length	558	544	570
			Range	515- 588	400- 635	475- 610
			Sample Size	4	245	9
		F	Mean Length	588	560	555
			Range	565- 610	445- 630	515- 615
			Sample Size	3	174	7
2008	8/14-18 (6/25-8/21)	M	Mean Length		534	533
			Std. Error		5	10
			Range		445- 625	450- 585
			Sample Size	0	61	17
		F	Mean Length		547	547
			Std. Error		4	5
			Range		485- 600	485- 600
			Sample Size	0	48	22
	8/25-28,30 (8/22-31)	M	Mean Length	509	539	536
			Std. Error	4	7	11
			Range	505- 513	387- 623	412- 595
			Sample Size	2	51	21
		F	Mean Length		539	547
			Std. Error		6	6
			Range		472- 607	444- 615
			Sample Size	0	34	32
	9/5,8-10 (9/1-20)	M	Mean Length		548	557
			Std. Error		8	9
			Range		466- 672	447- 627
			Sample Size	0	32	20
		F	Mean Length		544	551
			Std. Error		5	5
			Range		480- 622	479- 606
			Sample Size	0	45	44
	Season	M	Mean Length	509	539	542
			Range	505- 513	387- 672	412- 627
			Sample Size	2	144	58
		F	Mean Length		544	549
			Range		472- 622	444- 615
			Sample Size	0	127	98

Appendix E.8. Mean length (mm) of coho salmon at the George River weir based on escapement samples collected with a fish trap.[a] (page 10 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2009	8/16-17,20-22 (6/15-8/22)	M	Mean Length	538	533	576
			Std. Error	-	4	6
			Range	538- 538	413- 610	565- 583
			Sample Size	1	91	3
		F	Mean Length	530	542	572
			Std. Error	-	6	15
			Range	530- 530	457- 602	543- 593
			Sample Size	1	36	3
	8/27-9/1 (8/23-9/1)	M	Mean Length	536	544	518
			Std. Error	42	5	45
			Range	494- 578	415- 621	422- 613
			Sample Size	2	97	4
		F	Mean Length	523	546	555
			Std. Error	9	4	14
			Range	512- 541	433- 605	500- 595
			Sample Size	3	97	6
	9/9-17 (9/2-20)	M	Mean Length		574	571
			Std. Error		4	25
			Range		443- 659	466- 647
			Sample Size	0	76	6
		F	Mean Length	576	572	577
			Std. Error	36	3	6
			Range	540- 611	471- 635	543- 593
			Sample Size	2	89	7
	Season	M	Mean Length	537	548	562
			Range	494- 578	413- 659	422- 647
			Sample Size	3	264	13
		F	Mean Length	545	557	570
			Range	512- 611	433- 635	500- 595
			Sample Size	6	222	16

Appendix E.8. Mean length (mm) of coho salmon at the George River weir based on escapement samples collected with a fish trap.[a] (page 11 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Grand Total[b]	M	Mean Length	518	543	554
			Range	420 - 606	383 - 659	405 - 645
			Sample Size	43	1,558	249
		F	Mean Length	524	550	554
			Range	490 - 611	335 - 651	444 - 635
			Sample size	19	1,319	309

[a] "Season" mean lengths are weighted by the escapement passage in each stratum.

[b] "Grand Total" mean lengths are simple averages of the "Season" mean lengths.

[c] Sampling dates do not meet criteria for estimating commercial harvest for some or all of the strata; Season is not included in "Grand Total".

Appendix E.9. Age and sex of coho salmon caught with 7.0 cm (2.75 in) drift gillnets fished near the Aniak River sonar site. (page 1 of 1)

Year	Sample Dates	Sample Size	Sex	Age Class									
				1.1		2.1		2.2		3.1		Total	
				N	%	N	%	N	%	N	%	N	%
1995	9/7 - 13	6	M	0	0.0	3	50.0	0	0.0	1	16.7	4	66.7
			F	0	0.0	2	33.3	0	0.0	0	0.0	2	33.3
			Total	0	0.0	5	83.3	0	0.0	1	16.7	6	100.0

Appendix E.10. Mean length (mm) of coho salmon caught with 7.0 cm (2.75 in) drift gillnets fished near the Aniak River sonar site. (page 1 of 1)

Year	Sample Date	Sex		Age Class 1.1	2.1	2.2	3.1
1995	9/7 - 13	M	Mean Length		575		
			Range		550- 600		
			Sample Size	0	2	0	0
		F	Mean Length		582		535
			Range		580- 585		535- 535
			Sample Size	0	3	0	1

Appendix E.11. Age and sex of coho salmon caught with 10.2 cm (4.0 in) drift gillnets fished near the Aniak River sonar site. (page 1 of 1)

Year	Sample Date	Sample Size	Sex	Age Class									
				1.1		2.1		2.2		3.1		Total	
				N	%	N	%	N	%	N	%	N	%
1995	8/17 - 9/13	131	M	2	1.5	74	56.5	0	0.0	2	1.5	78	59.5
			F	5	3.8	44	33.6	0	0.0	4	3.1	53	40.5
			Total	7	5.3	118	90.1	0	0.0	6	4.6	131	100.0

Appendix E.12. Mean length (mm) of coho salmon caught with 10.2 cm (4.0 in) drift gillnets fished near the Aniak River sonar site. (page 1 of 1)

Year	Sample Date	Sex		Age Class 1.1	2.1	2.2	3.1
1995	8/17 - 9/13	M	Mean Length	523	556		565
			Std. Error	43	5		30
			Range	480- 565	415- 645		535- 595
			Sample Size	2	74	0	2
		F	Mean Length	568	559		504
			Std. Error	13	6		36
			Range	540- 605	440- 615		405- 565
			Sample Size	5	44	0	4

Appendix E.13. Age and sex of coho salmon caught with 13.7 cm (5.375 in) drift gillnets fished near the Aniak River sonar site. page 1 of 1)

Year	Sample Date	Sample Size	Sex	Age Class									
				1.1		2.1		2.2		3.1		Total	
				N	%	N	%	N	%	N	%	N	%
1995	8/17 - 9/13	161	M	5	3.1	67	41.6	0	0.0	4	2.5	76	47.2
			F	8	5.0	73	45.3	0	0.0	4	2.5	85	52.8
			Total	13	8.1	140	86.9	0	0.0	8	5.0	161	100.0

Appendix E.14. Mean length (mm) of coho salmon caught with 13.7 cm (5.375 in) drift gillnets fished near the Aniak River sonar site. (page 1 of 1)

Year	Sample Date	Sex		Age Class 1.1	2.1	2.2	3.1
1995	8/17 - 9/13	M	Mean Length	559	562		553
			Std. Error	32	6		8
			Range	435- 615	410- 635		530- 570
			Sample Size	5	66	0	4
		F	Mean Length	562	569		579
			Std. Error	11	3		5
			Range	500- 605	495- 620		565- 590
			Sample Size	8	73	0	4

Appendix E.15. Age and sex of coho salmon caught with drift gillnets fished near the Kalskag Fish Wheels site. page 1 of 1)

Year	Sample Date (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
2008	7/18-9/8	478	M	12	2.5	186	38.9	28	5.9	226	47.3
			F	5	1.1	212	44.4	35	7.3	252	52.7
	Season		Total	17	3.6	398	83.3	63	13.2	478	100.0
2009	7/18-9/15	402	M	14	3.5	191	47.5	14	3.5	219	54.5
			F	7	1.7	161	40.1	15	3.7	183	45.5
	Season		Total	21	5.2	352	87.6	29	7.2	402	100.0
	Grand Total	880	M	26	3.0	377	42.8	42	4.8	445	50.6
			F	12	1.4	373	42.4	50	5.7	435	49.4
			Total	38	4.3	750	85.2	92	10.5	880	100.0

Appendix E.16. Mean length (mm) of coho salmon caught with drift gillnets fished near the Kalskag Fish Wheels site. (page 1 of 1)

Year	Sample Date (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2008	7/18-9/8	M	Mean Length	558	543	546
			Range	480- 602	450- 620	472- 607
			Sample Size	12	186	28
		F	Mean Length	516	538	553
			Range	470- 573	422- 598	495- 622
			Sample Size	5	212	35
2009	7/18-9/15	M	Mean Length	546	555	539
			Range	441- 644	411- 660	460- 608
			Sample Size	14	191	14
		F	Mean Length	539	559	565
			Range	460- 598	465- 690	500- 625
			Sample Size	7	161	15
	Grand Total	M	Mean Length	552	549	543
			Range	441- 644	411- 660	460- 608
			Sample Size	26	377	42
		F	Mean Length	528	549	559
			Range	460- 598	422- 690	495- 625
			Sample size	12	373	50

Appendix E.17. Age and sex of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap.[ab] (page 1 of 5)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
1992	7/19-21,27-31	56	M	16	7.1	102	44.6	12	5.4	131	57.1
	(7/19-8/1)		F	4	1.8	86	37.5	8	3.6	98	42.9
			Subtotal	20	8.9	188	82.1	21	9.0	229	100.0
	8/4-6	121	M	116	11.6	454	45.4	17	1.7	586	58.7
	(8/2-8)		F	74	7.4	314	31.4	25	2.5	413	41.3
			Subtotal	190	19.0	767	76.8	42	4.2	999	100.0
	8/10-11	133	M	230	6.8	1,627	48.1	27	0.8	1,880	55.6
	(8/9-15)		F	254	7.5	1,092	32.3	152	4.5	1,502	44.4
			Subtotal	484	14.3	2,719	80.4	179	5.3	3,382	100.0
	8/16-18	126	M	526	8.7	3,072	50.8	48	0.8	3,647	60.3
	(8/16-22)		F	290	4.8	1,966	32.5	145	2.4	2,401	39.7
			Subtotal	816	13.5	5,038	83.3	194	3.2	6,048	100.0
	8/24-25	125	M	1,640	8.8	8,646	46.4	149	0.8	10,435	56.0
	(8/23-29)		F	596	3.2	7,454	40.0	149	0.8	8,199	44.0
			Subtotal	2,236	12.0	16,100	86.4	298	1.6	18,634	100.0
	8/31	76	M	1,424	10.5	6,252	46.1	353	2.6	8,028	59.2
	(8/30-9/5)		F	719	5.3	4,638	34.2	176	1.3	5,533	40.8
			Subtotal	2,143	15.8	10,889	80.3	529	3.9	13,561	100.0
	9/10-11	97	M	228	9.3	1,086	44.3	25	1.0	1,339	54.6
	(9/6-12)		F	76	3.1	910	37.1	125	5.1	1,113	45.4
			Subtotal	304	12.4	1,996	81.4	150	6.1	2,452	100.0
	Season	734	M	4,180	9.2	21,239	46.9	631	1.4	26,046	57.5
			F	2,013	4.4	16,459	36.3	781	1.7	19,259	42.5
			Total	6,193	13.7	37,698	83.2	1,412	3.1	45,305	100.0
2000	7/26,8/1-2	64	M	0	0.0	502	57.8	0	0.0	502	57.8
	(7/22-8/3)		F	0	0.0	353	40.6	14	1.6	367	42.2
			Subtotal	0	0.0	855	98.4	14	1.6	869	100.0
	8/7-8	150	M	28	1.4	1,154	54.7	14	0.7	1,196	56.7
	(8/4-11)		F	28	1.3	886	42.0	0	0.0	914	43.3
			Subtotal	56	2.7	2,040	96.7	14	0.7	2,110	100.0
	8/14	94	M	52	1.1	3,214	65.9	0	0.0	3,266	67.0
	(8/12-17)		F	155	3.2	1,452	29.8	0	0.0	1,607	33.0
			Subtotal	207	4.3	4,666	95.7	0	0.0	4,873	100.0
	8/20,23	124	M	214	3.2	3,361	50.8	0	0.0	3,575	54.0
	(8/18-25)		F	320	4.9	2,721	41.1	0	0.0	3,041	46.0
			Subtotal	534	8.1	6,082	91.9	0	0.0	6,616	100.0

Appendix E.17. Age and sex of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap.[ab] (page 2 of 5)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	8/28-30	161	M	426	5.0	3,406	39.8	0	0.0	3,831	44.7
	(8/26-9/1)		F	319	3.7	4,363	50.9	53	0.6	4,736	55.3
			Subtotal	745	8.7	7,769	90.7	53	0.6	8,567	100.0
	9/4	76	M	101	4.0	1,050	40.8	34	1.3	1,186	46.1
	(9/2-15)		F	68	2.6	1,288	50.0	34	1.3	1,389	53.9
			Subtotal	169	6.6	2,338	90.8	68	2.6	2,575	100.0
	Season	669	M	821	3.2	12,687	49.5	48	0.2	13,556	52.9
			F	891	3.5	11,063	43.2	101	0.4	12,054	47.1
			Total	1,712	6.7	23,750	92.7	149	0.6	25,610	100.0
2001	8/15-17	93	M	493	5.4	3,551	38.7	296	3.2	4,339	47.3
	(7/21-8/22)		F	493	5.4	4,339	47.3	0	0.0	4,833	52.7
			Subtotal	986	10.8	7,890	86.0	296	3.2	9,172	100.0
	8/27-29	88	M	1,129	9.1	4,941	39.8	141	1.1	6,212	50.0
	(8/23-9/15)		F	565	4.5	5,647	45.4	0	0.0	6,211	50.0
			Subtotal	1,694	13.6	10,588	85.2	141	1.1	12,423	100.0
	Season	181	M	1,622	7.5	8,492	39.3	437	2.0	10,551	48.9
			F	1,058	4.9	9,986	46.3	0	0.0	11,044	51.1
			Total	2,680	12.4	18,478	85.6	437	2.0	21,595	100.0
2002	7/29-30	12	M	17	8.3	68	33.4	51	25.0	135	66.7
	(6/28-8/2)		F	0	0.0	67	33.3	0	0.0	67	33.3
			Subtotal	17	8.3	135	66.7	51	25.0	202	100.0
	8/5-8	94	M	24	2.1	465	40.5	61	5.3	550	47.9
	(8/3-13)		F	0	0.0	464	40.4	135	11.7	599	52.1
			Subtotal	24	2.1	929	80.9	196	17.0	1,149	100.0
	8/19 - 20	151	M	37	0.7	2,649	47.0	112	2.0	2,798	49.7
	(8/14-23)		F	0	0.0	2,648	47.0	186	3.3	2,835	50.3
			Subtotal	37	0.7	5,297	94.0	298	5.3	5,633	100.0
	8/27	154	M	35	0.7	2,954	54.6	351	6.5	3,340	61.7
	(8/24-30)		F	35	0.6	1,863	34.4	176	3.2	2,075	38.3
			Subtotal	70	1.3	4,817	89.0	527	9.7	5,415	100.0
	9/2-3	159	M	137	1.3	5,964	54.7	137	1.2	6,238	57.2
	(8/31-9/19)		F	69	0.6	4,387	40.3	206	1.9	4,661	42.8
			Subtotal	206	1.9	10,351	95.0	343	3.1	10,899	100.0
	Season	570	M	251	1.1	12,098	51.9	712	3.1	13,061	56.1
			F	104	0.4	9,431	40.5	703	3.0	10,237	43.9
			Total	355	1.5	21,529	92.4	1,415	6.1	23,298	100.0

Appendix E.17. Age and sex of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap.[ab] (page 3 of 5)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
2003	7/7,21-23,28,	58	M	147	3.5	1,987	46.6	74	1.7	2,208	51.7
	29,8/4-5		F	147	3.4	1,839	43.1	73	1.7	2,060	48.3
	(7/7-8/8)		Subtotal	294	6.9	3,826	89.7	147	3.4	4,268	100.0
	8/11-12	48	M	777	6.3	6,215	50.0	0	0.0	6,992	56.3
	(8/9-19)		F	1,036	8.3	4,143	33.3	259	2.1	5,438	43.7
			Subtotal	1,813	14.6	10,358	83.3	259	2.1	12,430	100.0
	8/25	54	M	4,905	11.1	21,254	48.1	0	0.0	26,158	59.3
	(8/20-30)		F	0	0.0	17,166	38.9	817	1.9	17,984	40.7
			Subtotal	4,905	11.1	38,420	87.0	817	1.9	44,142	100.0
	9/5	57	M	824	1.8	15,650	33.3	0	0.0	16,473	35.1
	(8/31-9/14)		F	3,294	7	27,181	57.9	0	0.0	30,476	64.9
			Subtotal	4,118	8.8	42,831	91.2	0	0.0	46,949	100.0
	Season	217	M	6,652	6.2	45,105	41.8	74	0.1	51,831	48.1
			F	4,478	4.1	50,330	46.7	1,150	1.0	55,958	51.9
			Total	11,130	10.3	95,435	88.5	1,224	1.1	107,789	100.0
2004	8/9-10	60	M	239	1.7	6,681	46.7	0	0.0	6,919	48.3
	(7/1-8/17)		F	238	1.6	6,680	46.6	477	3.3	7,396	51.7
			Subtotal	477	3.3	13,361	93.3	477	3.3	14,315	100.0
	8/24	62	M	394	1.6	11,823	48.4	788	3.2	13,006	53.2
	(8/18-9/1)		F	788	3.2	10,641	43.5	0	0.0	11,429	46.8
			Subtotal	1,182	4.8	22,464	91.9	788	3.2	24,435	100.0
	9/4	63	M	1,213	4.7	14,956	58.7	0	0.0	16,169	63.5
	(9/2-9/10)		F	808	3.2	8,489	33.4	0	0.0	9,297	36.5
			Subtotal	2,021	7.9	23,445	92.1	0	0.0	25,466	100.0
	Season	185	M	1,846	2.9	33,460	52.1	788	1.2	36,094	56.2
			F	1,835	2.8	25,810	40.2	477	0.8	28,122	43.8
			Total	3,681	5.7	59,270	92.3	1,265	2.0	64,216	100.0
2005	Season	0	M	No Samples							
			F								
			Total								
2006	7/12-26	17	M	66	11.8	199	35.3	33	5.9	299	52.9
	(6/20-7/28)		F	0	0.0	266	47.1	0	0.0	266	47.1
			Subtotal	66	11.8	465	82.4	33	5.9	565	100.0
	7/30-8/7	192	M	162	9.4	666	38.6	63	3.7	891	51.6
	(7/29-8/8)		F	171	9.9	621	35.9	45	2.6	837	48.4
			Subtotal	333	19.3	1,287	74.5	108	6.3	1,728	100.0

Appendix E.17. Age and sex of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap.[ab] (page 4 of 5)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	8/9,13,15	178	M	632	9.0	3,716	52.8	0	0.0	4,348	61.8
	(8/9-19)		F	514	7.3	2,095	29.8	79	1.1	2,688	38.2
			Subtotal	1,146	16.3	5,811	82.6	79	1.1	7,036	100.0
	8/22	143	M	529	10.5	2,609	51.7	176	3.5	3,314	65.7
	(8/20-25)		F	106	2.1	1,551	30.8	71	1.4	1,727	34.3
			Subtotal	635	12.6	4,160	82.5	247	4.9	5,041	100.0
	8/27-28	136	M	598	9.5	3,543	56.6	138	2.2	4,279	68.4
	(8/26-31)		F	230	3.7	1,748	28.0	0	0.0	1,978	31.6
			Subtotal	828	13.2	5,291	84.6	138	2.2	6,257	100.0
	9/3	140	M	467	9.3	2,590	51.4	0	0.0	3,058	60.7
	(9/1-19)		F	180	3.6	1,763	35.0	36	0.7	1,978	39.3
			Subtotal	647	12.9	4,353	86.4	36	0.7	5,036	100.0
	Season	806	M	2,455	9.5	13,322	51.9	410	1.6	16,188	63.1
			F	1,201	4.7	8,044	31.4	231	0.9	9,475	36.9
			Total	3,656	14.2	21,366	83.3	641	2.5	25,663	100.0
2007	7/29-8/2	34	M	128	8.8	639	44.1	0	0.0	766	52.9
	(6/20-8/4)		F	42	3.0	638	44.1	0	0.0	681	47.1
			Subtotal	170	11.8	1,277	88.2	0	0.0	1,447	100.0
	8/6-8	137	M	166	5.9	1,141	40.2	41	1.5	1,348	47.4
	(8/5-10)		F	83	2.9	1,328	46.7	83	2.9	1,494	52.6
			Subtotal	249	8.8	2,469	86.9	124	4.4	2,842	100.0
	8/12-13	134	M	178	7.5	1,195	50.0	18	0.8	1,391	58.2
	(8/11-16)		F	54	2.2	927	38.8	18	0.7	999	41.8
			Subtotal	232	9.7	2,122	88.8	36	1.5	2,390	100.0
	8/19	89	M	1,294	10.1	7,475	58.4	0	0.0	8,769	68.5
	(8/17-9/10)		F	144	1.1	3,881	30.4	0	0.0	4,025	31.5
			Subtotal	1,438	11.2	11,356	88.8	0	0.0	12,794	100.0
	Season	394	M	1,766	9.1	10,449	53.7	59	0.3	12,275	63.0
			F	323	1.6	6,775	34.8	101	0.5	7,198	37.0
			Total	2,089	10.7	17,224	88.5	160	0.8	19,473	100.0
2008	7/31,8/1,3,6,8-11	364	M	217	2.7	3,430	43.4	174	2.2	3,821	48.4
	(7/4-8/14)		F	195	2.5	3,734	47.3	152	1.9	4,081	51.6
			Subtotal	412	5.2	7,164	90.7	326	4.1	7,902	100.0
	8/17,20-21,24	316	M	698	3.5	7,935	39.5	508	2.5	9,140	45.6
	(8/15-29)		F	571	2.8	9,521	47.5	825	4.1	10,918	54.4
			Subtotal	1,269	6.3	17,456	87.0	1,333	6.6	20,058	100.0

Appendix E.17. Age and sex of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap.[ab] (page 5 of 5)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	9/3-6	148	M	446	2.0	6,991	31.8	595	2.7	8,032	36.5
	(8/30-9/20)		F	744	3.4	12,642	57.4	595	2.7	13,981	63.5
			Subtotal	1,190	5.4	19,633	89.2	1,190	5.4	22,013	100.0
	Season	828	M	1,362	2.7	18,355	36.8	1,276	2.6	20,993	42.0
			F	1,510	3.0	25,898	51.8	1,572	3.1	28,980	58.0
			Total	2,872	5.7	44,253	88.6	2,848	5.7	49,973	100.0
2009	7/26-8/17	458	M	156	2.2	3,506	49.1	156	2.2	3,817	53.5
	(6/29-8/22)		F	140	1.9	2,991	41.9	187	2.6	3,319	46.5
			Subtotal	296	4.1	6,497	91.0	343	4.8	7,136	100.0
	8/24-25,30	284	M	187	2.1	3,991	45.1	312	3.5	4,490	50.7
	(8/23-31)		F	156	1.8	3,866	43.6	343	3.9	4,365	49.3
			Subtotal	343	3.9	7,857	88.7	655	7.4	8,855	100.0
	9/6-7,9	143	M	166	2.8	2,318	39.2	41	0.7	2,525	42.7
	(9/1-10)		F	248	4.2	3,064	51.7	83	1.4	3,395	57.3
			Subtotal	414	7.0	5,382	90.9	124	2.1	5,920	100.0
	Season	885	M	508	2.3	9,815	44.8	509	2.3	10,832	49.4
			F	545	2.5	9,921	45.3	613	2.8	11,079	50.6
			Total	1,053	4.8	19,736	90.1	1,122	5.1	21,911	100.0
	Grand	5,469	M	21,463	5.3	185,022	45.7	4,944	1.2	211,427	52.2
	Total [c]		F	13,958	3.4	173,717	42.9	5,729	1.4	193,406	47.8
			Total	35,421	8.7	358,739	88.6	10,673	2.6	404,833	100.0

[a] The number of fish in each stratum age and sex category are derived from the sample percentages; discrepancies in sums are attributed to rounding errors.

[b] The number of fish in "Season" summaries are the strata sums; "Season" percentages are derived from the sums.

[c] The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums.

Appendix E.18. Mean length (mm) of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 1 of 12)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1992	7/19-21,27-31 (7/19-8/1)	M	Mean Length	523	527	573
			Std. Error	21	9	16
			Range	515- 610	440- 595	555- 605
			Sample Size	4	25	3
		F	Mean Length	530	533	538
			Std. Error	-	8	33
			Range	530-530	400- 580	505- 570
			Sample Size	1	21	2
	8/4-6 (8/2-8)	M	Mean Length	534	535	550
			Std. Error	10	6	20
			Range	450- 575	445- 630	530- 570
			Sample Size	14	55	2
		F	Mean Length	536	540	532
			Std. Error	10	5	26
			Range	480- 570	475- 595	490- 580
			Sample Size	9	38	3
	8/10-11 (8/9-15)	M	Mean Length	557	556	600
			Std. Error	15	5	-
			Range	475- 610	375- 620	600- 600
			Sample Size	9	64	1
		F	Mean Length	545	542	543
			Std. Error	8	5	17
			Range	510- 585	454- 590	505- 595
			Sample Size	10	43	6
	8/16-18 (8/16-22)	M	Mean Length	558	553	605
			Std. Error	10	6	-
			Range	500- 605	430- 640	605- 605
			Sample Size	11	64	1
		F	Mean Length	563	555	582
			Std. Error	17	5	9
			Range	520- 610	475- 600	570- 600
			Sample Size	6	41	3
	8/24-25 (8/23-29)	M	Mean Length	547	574	475
			Std. Error	17	5	-
			Range	440- 625	430- 625	475- 475
			Sample Size	11	58	1
		F	Mean Length	550	567	515
			Std. Error	15	3	0
			Range	525- 590	515- 605	515- 515
			Sample Size	4	50	1

Appendix E.18. Mean length (mm) of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 2 of 12)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/31 (8/30-9/5)	M	Mean Length	579	563	605
			Std. Error	9	8	5
			Range	550- 610	425- 640	600- 610
			Sample Size	8	35	2
		F	Mean Length	580	556	580
			Std. Error	6	11	-
			Range	565- 595	400- 615	580- 580
			Sample Size	4	26	1
	9/10-11 (9/6-12)	M	Mean Length	576	567	585
			Std. Error	6	6	-
			Range	545- 610	430- 620	585- 585
			Sample Size	9	43	1
		F	Mean Length	548	541	546
			Std. Error	29	6	24
			Range	500- 600	425- 590	480- 590
			Sample Size	3	36	5
	Season	M	Mean Length	561	565	571
			Range	440-625	375- 640	475- 610
			Sample Size	66	344	11
		F	Mean Length	561	559	553
			Range	480- 610	400- 615	480- 600
			Sample size	37	255	21
2000	7/26,8/1-2 (7/22-8/3)	M	Mean Length		547	
			Std. Error		6	
			Range		460- 610	
			Sample Size	0	37	0
		F	Mean Length		544	510
			Std. Error		5	-
			Range		495- 590	510- 510
			Sample Size	0	26	1
	8/7-8 (8/5-11)	M	Mean Length	518	541	625
			Std. Error	8	5	-
			Range	510- 525	430- 640	625- 625
			Sample Size	2	82	1
		F	Mean Length	525	545	
			Std. Error	5	3	
			Range	520- 530	475- 595	
			Sample Size	2	63	0

Appendix E.18. Mean length (mm) of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 3 of 12)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/14 (8/12-17)	M	Mean Length	545	550	
			Std. Error	-	5	
			Range	545- 545	440- 610	
			Sample Size	1	62	0
		F	Mean Length	538	543	
			Std. Error	9	6	
			Range	520- 550	475- 585	
			Sample Size	3	28	0
	8/20-23 (8/18-25)	M	Mean Length	553	563	
			Std. Error	6	5	
			Range	535- 565	475- 650	
			Sample Size	4	63	0
		F	Mean Length	529	561	
			Std. Error	18	3	
			Range	460- 590	480- 600	
			Sample Size	6	51	0
	8/28-30 (8/26-9/1)	M	Mean Length	559	568	
			Std. Error	13	5	
			Range	490- 590	465- 644	
			Sample Size	8	64	0
		F	Mean Length	550	567	590
			Std. Error	13	3	-
			Range	505- 600	480- 625	590- 590
			Sample Size	6	82	1
	9/4 (9/2-15)	M	Mean Length	552	572	565
			Std. Error	8	8	-
			Range	535- 560	430- 650	565- 565
			Sample Size	3	31	1
		F	Mean Length	563	560	540
			Std. Error	3	4	-
			Range	560- 565	475- 610	540- 540
			Sample Size	2	38	1
	Season	M	Mean Length	554	559	583
			Range	490- 590	430- 650	565- 625
			Sample Size	18	339	2
		F	Mean Length	541	559	562
			Range	460- 600	475- 625	510- 590
			Sample Size	19	288	3

Appendix E.18. Mean length (mm) of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 4 of 12)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2001	8/15-17 (7/21-8/22)	M	Mean Length	597	603	575
			Std. Error	15	6	8
			Range	540- 625	530- 670	565- 590
			Sample Size	5	36	3
		F	Mean Length	593	589	
			Std. Error	14	5	
			Range	540- 615	490- 640	
			Sample Size	5	44	0
	8/27-29 (8/23-9/15)	M	Mean Length	594	608	615
			Std. Error	9	5	-
			Range	555- 620	550- 655	615- 615
			Sample Size	8	35	1
		F	Mean Length	556	595	
			Std. Error	19	5	
			Range	515- 600	495- 635	
			Sample Size	4	40	0
	Season	M	Mean Length	595	606	588
			Range	540- 625	530- 670	565- 615
			Sample Size	13	71	4
		F	Mean Length	573	592	
			Range	515- 615	490- 640	
			Sample Size	9	84	0
2002	7/29-30 (6/28-8/2)	M	Mean Length	440	559	573
			Std. Error	-	17	22
			Range	440- 440	510- 580	530- 605
			Sample Size	1	4	3
		F	Mean Length		548	
			Std. Error		6	
			Range		540- 565	
			Sample Size	0	4	0
	8/5-8 (8/3-13)	M	Mean Length	573	569	527
			Std. Error	53	9	34
			Range	520- 625	450- 680	435- 640
			Sample Size	2	38	5
		F	Mean Length		572	540
			Std. Error		6	16
			Range		475- 680	450- 660
			Sample Size	0	38	11

Appendix E.18. Mean length (mm) of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 5 of 12)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/19-20 (8/14-23)	M	Mean Length	565	583	597
			Std. Error	-	5	9
			Range	565- 565	490- 680	585- 615
			Sample Size	1	71	3
		F	Mean Length		579	630
			Std. Error		4	26
			Range		465- 660	575- 720
			Sample Size	0	71	5
	8/27 (8/24-30)	M	Mean Length	530	603	595
			Std. Error	-	4	19
			Range	530- 530	490- 675	475- 670
			Sample Size	1	84	10
		F	Mean Length	590	583	560
			Std. Error	-	6	14
			Range	590- 590	450- 655	530- 610
			Sample Size	1	53	5
	9/2-3 (8/31-9/19)	M	Mean Length	535	611	595
			Std. Error	40	4	90
			Range	495- 575	505- 675	505- 685
			Sample Size	2	87	2
		F	Mean Length	575	597	613
			Std. Error	-	3	26
			Range	575- 575	510- 650	565- 655
			Sample Size	1	64	3
	Season	M	Mean Length	536	601	588
			Range	440- 625	450- 680	435- 685
			Sample Size	7	284	23
		F	Mean Length	580	588	590
			Range	575- 590	450- 680	450- 720
			Sample Size	2	230	24
2003	7/7,21-23,28, 29,8/4-5 (7/7-8/8)	M	Mean Length	545	570	625
			Std. Error	40	8	-
			Range	505- 585	445- 655	625- 625
			Sample Size	2	27	1
		F	Mean Length	575	570	580
			Std. Error	5	6	-
			Range	570- 580	500- 620	580- 580
			Sample Size	2	25	1

Appendix E.18. Mean length (mm) of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 6 of 12)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/11-12 (8/9-19)	M	Mean Length	535	581	
			Std. Error	48	8	
			Range	440- 590	490- 630	
			Sample Size	3	24	0
		F	Mean Length	559	580	595
			Std. Error	15	7	-
			Range	535- 595	495- 610	595- 595
			Sample Size	4	16	1
	8/25 (8/20-30)	M	Mean Length	533	574	
			Std. Error	25	9	
			Range	450- 630	445- 640	
			Sample Size	6	26	0
		F	Mean Length		592	590
			Std. Error		5	-
			Range		555- 630	590- 590
			Sample Size	0	21	1
	9/5 (8/31-9/14)	M	Mean Length	615	601	
			Std. Error	-	6	
			Range	615- 615	560- 655	
			Sample Size	1	19	0
		F	Mean Length	573	602	
			Std. Error	19	5	
			Range	535- 615	550- 640	
			Sample Size	4	33	0
	Season	M	Mean Length	544	584	625
			Range	440- 630	445- 655	625- 625
			Sample Size	12	96	1
		F	Mean Length	569	595	590
			Range	535- 615	495- 640	580- 595
			Sample Size	10	95	3
2004	8/9-10 (7/1-8/17)	M	Mean Length	520	554	
			Std. Error	-	7	
			Range	520- 520	475- 610	
			Sample Size	1	28	0
		F	Mean Length	535	551	485
			Std. Error	-	6	25
			Range	535- 535	445- 595	460- 510
			Sample Size	1	28	2

Appendix E.18. Mean length (mm) of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 7 of 12)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/24 (8/18-9/1)	M	Mean Length	540	554	585
			Std. Error	-	8	25
			Range	540- 540	455- 615	560- 610
			Sample Size	1	30	2
		F	Mean Length	533	564	
			Std. Error	3	6	
			Range	530- 535	505- 615	
			Sample Size	2	27	0
	9/4 (9/2-9/10)	M	Mean Length	548	566	
			Std. Error	28	7	
			Range	505- 600	440- 630	
			Sample Size	3	37	0
		F	Mean Length	558	565	
			Std. Error	13	5	
			Range	545- 570	515- 600	
			Sample Size	2	21	0
	Season	M	Mean Length	543	560	585
			Range	505- 600	440- 630	560- 610
			Sample Size	5	95	2
		F	Mean Length	544	561	485
			Range	530- 570	445- 615	460- 510
			Sample Size	5	76	2
2005	Season	M	Mean Length	No Samples		
			Range			
			Sample Size	0	0	0
		F	Mean Length	No Samples		
			Range			
			Sample Size	0	0	0
2006	7/12-26 (6/20-7/28)	M	Mean Length	530	540	535
			Std. Error	55	12	-
			Range	475- 585	485- 565	535- 535
			Sample Size	2	6	1
		F	Mean Length		526	
			Std. Error		11	
			Range		470- 575	
			Sample Size	0	8	0

Appendix E.18. Mean length (mm) of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 8 of 12)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	7/30-8/7 (7/29-8/8)	M	Mean Length	518	533	503
			Std. Error	8	5	16
			Range	460- 580	405- 615	455- 560
			Sample Size	18	74	7
		F	Mean Length	518	533	558
			Std. Error	5	4	5
			Range	480- 565	450- 600	545- 575
			Sample Size	19	69	5
	8/9,13,15 (8/9-19)	M	Mean Length	515	526	
			Std. Error	6	4	
			Range	470- 555	445- 600	
			Sample Size	16	94	0
		F	Mean Length	522	528	510
			Std. Error	8	3	5
			Range	470- 565	485- 595	505- 515
			Sample Size	13	53	2
	8/22 (8/20-25)	M	Mean Length	520	545	567
			Std. Error	6	3	11
			Range	485- 560	480- 615	545- 610
			Sample Size	15	74	5
		F	Mean Length	513	543	535
			Std. Error	16	4	20
			Range	490- 545	475- 595	515- 555
			Sample Size	3	44	2
	8/27-28 (8/26-31)	M	Mean Length	503	544	572
			Std. Error	14	4	12
			Range	430- 560	435- 610	550- 590
			Sample Size	13	77	3
		F	Mean Length	531	544	
			Std. Error	6	4	
			Range	510- 545	495- 600	
			Sample Size	5	38	0
	9/3 (9/1-19)	M	Mean Length	565	543	
			Std. Error	10	5	
			Range	500- 605	410- 635	
			Sample Size	13	72	0
		F	Mean Length	522	547	580
			Std. Error	13	4	-
			Range	500- 555	495- 610	580- 580
			Sample Size	5	49	1

Appendix E.18. Mean length (mm) of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 9 of 12)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	523	539	556
			Range	430- 605	405- 635	455- 610
			Sample Size	77	397	16
		F	Mean Length	522	539	538
			Range	470- 565	450- 610	505- 580
			Sample Size	45	261	10
2007	7/29-8/2 (6/20-8/4)	M	Mean Length	533	555	
			Std. Error	19	7	
			Range	500- 565	505- 595	
			Sample Size	3	15	0
		F	Mean Length	585	552	
			Std. Error	-	10	
			Range	585- 585	490- 610	
			Sample Size	1	15	0
	8/6-8 (8/5-10)	M	Mean Length	548	560	545
			Std. Error	19	5	15
			Range	440- 590	490- 630	530- 560
			Sample Size	8	55	2
		F	Mean Length	553	551	553
			Std. Error	16	5	30
			Range	515- 585	445- 640	485- 615
			Sample Size	4	64	4
	8/12-13 (8/11-16)	M	Mean Length	562	576	560
			Std. Error	5	4	-
			Range	540- 585	445- 660	560- 560
			Sample Size	10	67	1
		F	Mean Length	535	547	570
			Std. Error	5	6	-
			Range	530- 545	420- 655	570- 570
			Sample Size	3	52	1
	8/19 (8/17-9/10)	M	Mean Length	585	573	
			Std. Error	14	4	
			Range	520- 630	490- 625	
			Sample Size	9	52	0
		F	Mean Length	535	556	
			Std. Error	-	6	
			Range	535- 535	490- 615	
			Sample Size	1	27	0

Appendix E.18. Mean length (mm) of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 10 of 12)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	575	571	550
			Range	440- 630	445- 660	530- 560
			Sample Size	30	189	3
		F	Mean Length	546	553	556
			Range	515- 585	420- 655	485- 615
			Sample Size	9	158	5
2008	7/31,8/1,3,6,8-11 (7/4-8/14)	M	Mean Length	520	557	543
			Std. Error	13	3	11
			Range	445- 575	455- 635	500- 575
			Sample Size	10	158	8
		F	Mean Length	535	550	545
			Std. Error	9	2	11
			Range	495- 590	455- 615	510- 585
			Sample Size	9	172	7
	8/17,20-21,24 (8/15-29)	M	Mean Length	540	564	573
			Std. Error	9	3	9
			Range	485- 585	460- 660	540- 625
			Sample Size	11	125	8
		F	Mean Length	539	562	559
			Std. Error	9	2	8
			Range	505- 590	475- 665	530- 600
			Sample Size	9	150	13
	9/3-6 (8/30-9/20)	M	Mean Length	525	578	586
			Std. Error	55	5	3
			Range	444- 630	485- 680	580- 595
			Sample Size	3	47	4
		F	Mean Length	548	565	593
			Std. Error	19	3	13
			Range	485- 590	480- 620	565- 615
			Sample Size	5	85	4
	Season	M	Mean Length	532	568	575
			Range	444- 630	455- 680	500- 625
			Sample Size	24	330	20
		F	Mean Length	543	562	570
			Range	485- 590	455- 665	510- 615
			Sample Size	23	407	24

Appendix E.18. Mean length (mm) of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 11 of 12)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2009	7/26-8/17 (6/29-8/22)	M	Mean Length	555	565	593
			Std. Error	14	3	10
			Range	470- 630	410- 770	515- 640
			Sample Size	10	225	10
		F	Mean Length	561	559	551
			Std. Error	10	2	11
			Range	520- 620	460- 635	490- 630
			Sample Size	9	191	12
	8/24-25,30 (8/23-31)	M	Mean Length	530	572	560
			Std. Error	19	3	17
			Range	475- 585	475- 640	470- 610
			Sample Size	6	128	10
		F	Mean Length	560	565	580
			Std. Error	13	3	6
			Range	520- 585	435- 635	535- 620
			Sample Size	5	124	11
	9/6-7,9 (9/1-10)	M	Mean Length	590	600	655
			Std. Error	11	5	.
			Range	570- 620	490- 690	655- 655
			Sample Size	4	56	1
		F	Mean Length	590	589	600
			Std. Error	15	4	10
			Range	525- 640	500- 655	590- 610
			Sample Size	6	74	2
	Season	M	Mean Length	557	576	578
			Range	470- 630	410- 770	470- 655
			Sample Size	20	409	21
		F	Mean Length	574	570	574
			Range	520- 640	435- 655	490- 630
			Sample Size	20	389	25

Appendix E.18. Mean length (mm) of coho salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 12 of 12)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Grand Total [b]	M	Mean Length	552	573	580
			Range	470- 630	410- 770	565- 615
			Sample Size	272	2,554	103
		F	Mean Length	555	568	558
			Range	515- 615	490- 640	510- 590
			Sample size	179	2,243	117

[a] "Season" mean lengths are weighted by the escapement passage in each stratum.

[b] "Grand Total" mean lengths are simple averages of the "Season" mean lengths.

Appendix E.19. Age and sex of coho salmon at the Kanektok River tower based on escapement samples collected with a beach seine (1997) or a fish trap (2001-2004).[a] (page 1 of 3)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
1997[b]	8/5-8,11-12[c]	166	M							8,991	62.0
	(7/28-8/15)		F							5,511	38.0
			Subtotal							14,502	100.0
	8/18-20	115	M	116	1.3	3,980	45.9	351	4.0	4,448	51.3
	(8/16-21)		F	0	0.0	4,222	48.7	0	0.0	4,222	48.7
			Subtotal	116	1.3	8,202	94.6	351	4.0	8,670	100.0
	Season	115	M							13,439	58.0
			F							9,733	42.0
			Total							23,172	100.0
2001	8/15-16	139	M	391	3.6	4,848	44.6	547	5.0	5,786	53.2
	(8/10-21)		F	156	1.4	4,222	38.9	704	6.5	5,082	46.8
			Subtotal	547	5.0	9,070	83.5	1,251	11.5	10,868	100.0
	8/27-28	145	M	661	4.1	7,276	45.5	331	2.1	8,268	51.7
	(8/22-9/4)		F	221	1.4	6,724	42.1	771	4.8	7,716	48.3
			Subtotal	882	5.5	14,000	87.6	1,102	6.9	15,984	100.0
	9/11-13	148	M	297	3.4	3,151	35.8	357	4.0	3,805	43.2
	(9/5-10/3)		F	238	2.7	4,458	50.7	297	3.4	4,993	56.8
			Subtotal	535	6.1	7,609	86.5	654	7.4	8,798	100.0
	Season	432	M	1,349	3.8	15,274	42.9	1,235	3.4	17,858	50.1
			F	615	1.7	15,405	43.2	1,772	5.0	17,792	49.9
			Total	1,964	5.5	30,679	86.1	3,007	8.4	35,650	100.0
2002	8/14-16,18	151	M	96	1.3	3,899	53.6	433	6.0	4,428	60.9
	(7/1-8/21)		F	0	0.0	2,599	35.8	241	3.3	2,840	39.1
			Subtotal	96	1.3	6,498	89.4	674	9.3	7,268	100.0
	8/25-26,28	130	M	0	0.0	4,959	56.1	0	0.0	4,960	56.2
	(8/22-9/4)		F	136	1.5	3,601	40.8	136	1.5	3,872	43.8
			Subtotal	136	1.5	8,560	96.9	136	1.5	8,832	100.0
	9/11-16	159	M	111	1.3	4,198	47.8	111	1.2	4,419	50.3
	(9/5-20)		F	55	0.6	3,756	42.8	552	6.3	4,364	49.7
			Subtotal	166	1.9	7,954	90.6	663	7.5	8,783	100.0
	Season[d]	440	M	207	0.8	13,057	52.5	544	2.2	13,807	55.5
			F	191	0.8	9,956	40.0	929	3.7	11,076	44.5
			Total	398	1.6	23,013	92.5	1,473	5.9	24,883	100.0
2003	8/4-8	67	M	0	0.0	6,961	41.2	994	5.9	7,956	47.1
	(6/24-8/23)		F	746	4.4	6,713	39.7	1,492	8.8	8,950	52.9
			Subtotal	746	4.4	13,674	80.9	2,486	14.7	16,906	100.0

Appendix E.19. Age and sex of coho salmon at the Kanektok River tower based on escapement samples collected with a beach seine (1997) or a fish trap (2001-2004).[a] (page 2 of 3)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	8/25-26	67	M	0	0.0	13,018	40.3	1,928	6.0	14,947	46.3
	(8/24-9/4)		F	0	0.0	14,947	46.3	2,411	7.4	17,357	53.7
			Subtotal	0	0.0	27,965	86.6	4,339	13.4	32,304	100.0
	9/8-9	61	M	381	1.7	9,524	41.0	1,524	6.6	11,429	49.2
	(9/5-18)		F	381	1.6	9,143	39.3	2,286	9.8	11,809	50.8
			Subtotal	762	3.3	18,667	80.3	3,810	16.4	23,238	100.0
	Season	195	M	381	0.5	29,503	40.7	4,447	6.1	34,331	47.4
			F	1127	1.6	30,802	42.5	6,188	8.6	38,117	52.6
			Total	1508	2.1	60,305	83.2	10,635	14.7	72,448	100.0
2004	8/4-11	55	M	113	1.8	1,804	29.1	0	0.0	1,917	30.9
	(6/29-8/12)		F	0	0.0	3,834	61.8	451	7.3	4,285	69.1
			Subtotal	113	1.8	5,638	90.9	451	7.3	6,202	100.0
	8/13,18,21	77	M	0	0.0	13,515	46.8	375	1.3	13,890	48.1
	(8/13-26)		F	0	0.0	14,265	49.3	751	2.6	15,016	51.9
			Subtotal	0	0.0	27,780	96.1	1,126	3.9	28,906	100.0
	8/30-31	69	M	556	2.9	9,167	47.8	1,111	5.8	10,834	56.5
	(8/27-9/4)		F	0	0.0	8,333	43.5	0	0.0	8,333	43.5
			Subtotal	556	2.9	17,500	91.3	1,111	5.8	19,167	100.0
	9/9	56	M	0	0.0	14,979	44.6	0	0.0	14,979	44.6
	(9/5-20)		F	0	0.0	17,975	53.6	599	1.8	18,574	55.4
			Subtotal	0	0.0	32,954	98.2	599	1.8	33,553	100.0
	Season	257	M	668	0.8	39,464	44.9	1,487	1.7	41,619	47.4
			F	0	0.0	44,408	50.6	1,801	2.0	46,209	52.6
			Total	668	0.8	83,872	95.5	3,288	3.7	87,828	100.0
2005	7/21-8/21	108	M	314	4.7	3,766	55.6	125	1.9	4,205	62.0
	(6/25-8/23)		F	314	4.6	2,197	32.4	63	0.9	2,574	38.0
			Subtotal	628	9.3	5,963	88.0	188	2.8	6,779	100.0
	8/25-26	80	M	141	2.5	3,114	55.0	283	5.0	3,539	62.5
	(8/24-29)		F	71	1.3	1,769	31.3	283	5.0	2,123	37.5
			Subtotal	212	3.8	4,883	86.3	566	10.0	5,662	100.0
	9/7	21	M								
	(8/30-9/18)		F								
			Subtotal							13,902	
	Season[b]	209	M								
			F								
			Total							26,343	

Appendix E.19. Age and sex of coho salmon at the Kanektok River tower based on escapement samples collected with a beach seine (1997) or a fish trap (2001-2004).[a] (page 3 of 3)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
2006	Season	0	M	No Weir							
			F								
			Total								
2007	7/24-8/14	98	M	585	11.2	2,977	57.2	160	3.1	3,721	71.4
	(6/19-8/17)		F	106	2.1	1,329	25.5	53	1.0	1,489	28.6
			Subtotal	691	13.3	4,306	82.7	213	4.1	5,210	100.0
	8/21-22	122	M	1,129	13.9	3,787	46.7	66	0.8	4,983	61.5
	(8/18-26)		F	266	3.3	2,724	33.6	133	1.7	3,122	38.5
			Subtotal	1,395	17.2	6,511	80.3	199	2.5	8,105	100.0
	8/30-31	128	M	671	8.6	3,659	46.9	244	3.2	4,573	58.6
	(8/27-9/4)		F	244	3.1	2,744	35.1	244	3.1	3,232	41.4
			Subtotal	915	11.7	6,403	82.0	488	6.3	7,805	100.0
	9/7-8	122	M	843	9.0	3,602	38.5	383	4.1	4,829	51.6
	(9/5-18)		F	307	3.3	4,139	44.3	77	0.8	4,522	48.4
			Subtotal	1,150	12.3	7,741	82.8	460	4.9	9,351	100.0
	Season	470	M	3,228	10.6	14,025	46.0	853	2.8	18,106	59.4
			F	923	3.0	10,936	35.9	507	1.7	12,365	40.6
			Total	4,151	13.6	24,961	81.9	1,360	4.5	30,471	100.0
2008	Season[b]	182	M		2.7		48.9		3.3		54.9
			F		1.1		41.8		2.2		45.1
			Total		3.8		90.7		5.5	182	100.0
2009	Season[b]	100	M		0.0		46.0		3.0		49.0
			F		2.0		45.0		4.0		51.0
			Total		2.0		91.0		7.0	375	100.0
	Grand Total[e]	1,794	M	5,833	2.3	111,323	44.3	8,566	3.4	125,721	50.0
			F	2,856	1.1	111,507	44.4	11,197	4.5	125,559	50.0
			Total	8,689	3.5	222,830	88.7	19,763	7.9	251,280	100.0

[a] The number of fish in each stratum age and sex category are derived from the sample percentages; discrepancies in sums are attributed to rounding errors.

[b] Sampling dates do not meet criteria for estimating commercial harvest percentages for some or all of the strata; "Season" is not included in the "Grand Total".

[c] Sex and length information was recorded; no scales were collected.

[d] The number of fish in "Season" summaries are the strata sums; "Season" percentages are derived from the sums.

[e] The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums.

Appendix E.20. Mean length (mm) of coho salmon at the Kanektok River tower based on escapement samples collected with a beach seine (1997) or a fish trap (2001-2004). [a] (page 1 of 7)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
			All lengths for this stratum are by sex only; fish were not aged.			
1997	8/5-8,11-12 [b] (7/28-8/15)	M	Mean Length		581	
			Std. Error		4	
			Range		460- 655	
			Sample Size	0	103	0
		F	Mean Length		597	
			Std. Error		4	
			Range		450- 640	
			Sample Size	0	63	0
	8/18-20 (8/16-21)	M	Mean Length	590	582	642
			Std. Error	-	8	19
			Range	590- 590	465- 645	605- 665
			Sample Size	1	34	3
		F	Mean Length		604	
			Std. Error		5	
			Range		540- 658	
			Sample Size	0	23	0
2001	8/15-16 (8/10-21)	M	Mean Length	520	558	531
			Std. Error	23	6	30
			Range	465- 590	395- 635	440- 610
			Sample Size	5	62	7
		F	Mean Length	508	584	587
			Std. Error	78	4	7
			Range	430- 585	475- 630	545- 620
			Sample Size	2	54	9
	8/27-28 (8/22-9/4)	M	Mean Length	530	590	565
			Std. Error	11	7	41
			Range	499- 570	470- 675	507- 645
			Sample Size	6	66	3
		F	Mean Length	605	598	606
			Std. Error	15	4	10
			Range	590- 620	518- 640	575- 649
			Sample Size	2	61	7

Appendix E.20. Mean length (mm) of coho salmon at the Kanektok River tower based on escapement samples collected with a beach seine (1997) or a fish trap (2001-2004). [a] (page 2 of 7)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/11-13 (9/5-10/3)	M	Mean Length	603	620	655
			Std. Error	21	4	5
			Range	559- 657	540- 678	635- 665
			Sample Size	5	53	6
		F	Mean Length	563	607	609
			Std. Error	11	3	6
			Range	539- 586	534- 670	594- 631
			Sample Size	4	75	5
	Season	M	Mean Length	543	586	576
			Range	465- 657	395- 678	440- 665
			Sample Size	16	181	16
		F	Mean Length	564	597	599
			Range	430- 620	475- 670	545- 649
			Sample Size	8	190	21
2002	8/14-16,18 (7/1-8/21)	M	Mean Length	619	563	576
			Std. Error	36	7	21
			Range	583- 654	401- 659	460- 638
			Sample Size	2	81	9
		F	Mean Length		571	579
			Std. Error		6	19
			Range		440- 635	526- 641
			Sample Size	0	54	5
	8/25-26,28 (8/22-9/4)	M	Mean Length		583	
			Std. Error		6	
			Range		455- 664	
			Sample Size	0	73	0
		F	Mean Length	515	600	548
			Std. Error	50	4	6
			Range	465- 565	495- 665	542- 553
			Sample Size	2	53	2
	9/11-16 (9/5-20)	M	Mean Length	595	606	628
			Std. Error	38	5	55
			Range	557- 633	463- 672	573- 683
			Sample Size	2	76	2
		F	Mean Length	573	599	615
			Std. Error	-	4	10
			Range	573- 573	432- 659	553- 667
			Sample Size	1	68	10

Appendix E.20. Mean length (mm) of coho salmon at the Kanektok River tower based on escapement samples collected with a beach seine (1997) or a fish trap (2001-2004). [a] (page 3 of 7)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	606	585	586
			Range	557- 654	401- 672	460- 683
			Sample Size	4	230	11
		F	Mean Length	532	592	596
			Range	465- 573	432- 665	526- 667
			Sample Size	3	175	17
2003	8/4-8 (6/24-8/23)	M	Mean Length		564	590
			Std. Error		8	17
			Range		474- 627	540- 609
			Sample Size	0	27	4
		F	Mean Length	462	544	560
			Std. Error	7	10	21
			Range	452- 476	441- 611	469- 602
			Sample Size	3	27	6
	8/25-26 (8/24-9/4)	M	Mean Length		580	602
			Std. Error		10	13
			Range		472- 652	584- 640
			Sample Size	0	27	4
		F	Mean Length		581	595
			Std. Error		6	7
			Range		465- 648	570- 606
			Sample Size	0	31	5
	9/8-9 (9/5-18)	M	Mean Length	636	600	610
			Std. Error	-	11	9
			Range	636- 636	484- 685	594- 634
			Sample Size	1	25	4
		F	Mean Length	538	584	585
			Std. Error	-	6	9
			Range	538- 538	508- 623	563- 623
			Sample Size	1	24	6
	Season	M	Mean Length	636	583	602
			Range	636- 636	472- 685	540- 640
			Sample Size	1	79	12
		F	Mean Length	488	574	583
			Range	452- 538	441- 648	469- 623
			Sample Size	4	82	17

Appendix E.20. Mean length (mm) of coho salmon at the Kanektok River tower based on escapement samples collected with a beach seine (1997) or a fish trap (2001-2004). [a] (page 4 of 7)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2004	8/4-11 (6/29-8/12)	M	Mean Length	546	548	
			Std. Error	-	11	
			Range	546- 546	454- 619	
			Sample Size	1	16	0
		F	Mean Length		534	536
			Std. Error		8	26
			Range		428- 603	491- 601
			Sample Size	0	34	4
	8/13,18,21 (8/13-26)	M	Mean Length		538	595
			Std. Error		8	-
			Range		435- 624	595- 595
			Sample Size	0	36	1
		F	Mean Length		561	543
			Std. Error		4	10
			Range		485- 625	533- 552
			Sample Size	0	38	2
	8/30-31 (8/27-9/4)	M	Mean Length	534	561	561
			Std. Error	42	6	44
			Range	492- 576	494- 638	431- 625
			Sample Size	2	33	4
		F	Mean Length		561	
			Std. Error		6	
			Range		498- 622	
			Sample Size	0	30	0
	9/9 (9/5-20)	M	Mean Length		550	
			Std. Error		11	
			Range		410- 625	
			Sample Size	0	25	0
		F	Mean Length		563	501
			Std. Error		6	-
			Range		505- 631	501- 501
			Sample Size	0	30	1
	Season	M	Mean Length	536	548	570
			Range	492- 576	410- 638	431- 625
			Sample Size	3	110	5
		F	Mean Length		560	527
			Range		428- 631	491- 601
			Sample Size	0	132	7

Appendix E.20. Mean length (mm) of coho salmon at the Kanektok River tower based on escapement samples collected with a beach seine (1997) or a fish trap (2001-2004). [a] (page 5 of 7)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2005	7/21-8/21 (6/25-8/23)	M	Mean Length	542	550	559
			Std. Error	20	8	8
			Range	511- 621	431- 650	551- 567
			Sample Size	5	60	2
		F	Mean Length	512	568	616
			Std. Error	15	7	-
			Range	467- 558	499- 742	616- 616
			Sample Size	5	35	1
	8/25-26 (8/24-29)	M	Mean Length	548	594	602
			Std. Error	30	5	25
			Range	518- 578	500- 655	531- 646
			Sample Size	2	44	4
		F	Mean Length	532	581	575
			Std. Error	-	6	11
			Range	532- 532	507- 628	552- 605
			Sample Size	1	25	4
	9/7 (8/30-9/18)	M	Mean Length	611	584	
			Std. Error	13	19	
			Range	598- 624	453- 653	
			Sample Size	2	11	0
		F	Mean Length		572	
			Std. Error		12	
			Range		531- 618	
			Sample Size	0	8	0
	Season [d]	M	Mean Length	594	577	589
			Range	511- 624	431- 655	531- 646
			Sample Size	9	115	6
		F	Mean Length	515	573	582
			Range	467- 558	499- 742	552- 616
			Sample Size	6	68	5
2006	Season	M	Mean Length			
			Range			
			Sample Size	No Weir		
		F	Mean Length			
			Range			
			Sample Size			

Appendix E.20. Mean length (mm) of coho salmon at the Kanektok River tower based on escapement samples collected with a beach seine (1997) or a fish trap (2001-2004). [a] (page 6 of 7)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2007	7/24-8/14 (6/19-8/17)	M	Mean Length	542	561	577
			Std. Error	17	7	7
			Range	446- 620	427- 644	567- 590
			Sample Size	11	56	3
		F	Mean Length	552	567	530
			Std. Error	48	6	-
			Range	504- 600	490- 608	530- 530
			Sample Size	2	25	1
	8/21-22 (8/18-26)	M	Mean Length	543	555	495
			Std. Error	9	5	-
			Range	462- 585	466- 620	495- 495
			Sample Size	17	57	1
		F	Mean Length	573	558	575
			Std. Error	9	5	5
			Range	555- 591	480- 610	570- 580
			Sample Size	4	41	2
	8/30-31 (8/27-9/4)	M	Mean Length	564	579	541
			Std. Error	14	6	25
			Range	463- 605	451- 660	492- 600
			Sample Size	11	60	4
		F	Mean Length	590	581	579
			Std. Error	7	5	20
			Range	580- 611	473- 630	522- 615
			Sample Size	4	45	4
	9/7-8 (9/5-18)	M	Mean Length	540	558	574
			Std. Error	14	6	14
			Range	485- 617	467- 636	523- 606
			Sample Size	11	47	5
		F	Mean Length	602	563	605
			Std. Error	7	4	-
			Range	592- 622	513- 615	605- 605
			Sample Size	4	54	1
	Season	M	Mean Length	547	563	559
			Range	446- 620	427- 660	492- 606
			Sample Size	50	220	13
		F	Mean Length	585	567	577
			Range	504- 622	473- 630	522- 615
			Sample Size	14	165	8

Appendix E.20. Mean length (mm) of coho salmon at the Kanektok River tower based on escapement samples collected with a beach seine (1997) or a fish trap (2001-2004). [a] (page 7 of 7)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2008	Season [d]	M	Mean Length	546	545	567
			Range	511- 579	444- 654	501- 603
			Sample Size	5	89	6
		F	Mean Length	554	552	554
			Range	525- 582	425- 610	539- 573
			Sample Size	2	76	4
2009	Season [d]	M	Mean Length		582	594
			Range		491- 648	556- 631
			Sample Size	0	46	3
		F	Mean Length	523	589	595
			Range	521- 525	504- 659	575- 622
			Sample Size	2	45	4
	Grand Total [c]	M	Mean Length	574	573	579
			Range	465- 657	395- 678	440- 665
			Sample Size	74	820	57
		F	Mean Length	542	578	576
			Range	430- 620	475- 670	545- 649
			Sample Size	29	744	70

[a] "Season" mean lengths are weighted by the escapement passage in each stratum.

[b] Sex and length information was recorded; no scales were collected.

[c] "Grand Total" mean lengths are simple averages of the "Season" mean lengths.

[d] Sampling dates do not meet criteria for estimating commercial harvest percentages for some or all of the strata; "Season" is not included in the "Grand Total".

Appendix E.21. Age and sex of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab]
(page 1 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
1991	8/7-8,11-12,	87	M	0	0.0	151	59.8	9	3.4	160	63.2
	14-21		F	6	2.3	76	29.9	12	4.6	93	36.8
	(8/4-21)		Subtotal	6	2.3	227	89.7	20	8.0	253	100.0
	8/22-24	95	M	73	4.2	1,198	69.5	145	8.4	1,416	82.1
	(8/22-25)		F	0	0.0	291	16.8	18	1.1	309	17.9
			Subtotal	73	4.2	1,489	86.3	163	9.5	1,725	100.0
	Season	182	M	73	3.7	1,350	68.2	154	7.8	1,576	79.7
			F	6	0.3	366	18.5	30	1.5	402	20.3
			Total	78	4.0	1,716	86.7	184	9.3	1,978	100.0
1992	The weir was not operated through coho season during 1992.										
1993	The weir was not operated through coho season during 1993.										
1994	The weir was not operated through coho season during 1994.										
1995	8/15-17	101	M	78	4.0	1,107	56.4	78	4.0	1,264	64.4
	(8/1-20)		F	19	1.0	602	30.7	78	4.0	699	35.6
			Subtotal	98	5.0	1,710	87.1	156	7.9	1,963	100.0
	8/23-24	90	M	39	1.1	1,841	53.3	0	0.0	1,879	54.4
	(8/21-28)		F	0	0.0	1,534	44.4	39	1.1	1,573	45.6
			Subtotal	39	1.1	3,375	97.8	39	1.1	3,452	100.0
	Season	191	M	117	2.2	2,948	54.4	78	1.4	3,143	58.0
			F	19	0.4	2,136	39.5	117	2.2	2,272	42.0
			Total	136	2.5	5,084	93.9	195	3.6	5,415	100.0
1996	8/9,17-19,22	150	M	141	1.3	6,445	59.3	217	2.0	6,880	63.3
	(7/24-8/23)		F	76	0.7	3,695	34.0	217	2.0	3,989	36.7
			Total	217	2.0	10,141	93.3	435	4.0	10,869	100.0
1997	Season	0	M								
			F								
			Total							9,619	

Appendix E.21. Age and sex of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab]
(page 2 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
1998	8/19	39	M	0	0.0	4,011	43.6	236	2.6	4,247	46.2
	(7/25-8/22)		F	472	5.1	4,482	48.7	0	0.0	4,954	53.8
			Subtotal	472	5.1	8,493	92.3	236	2.6	9,201	100.0
	8/26-27	132	M	644	7.6	3,799	44.7	0	0.0	4,443	52.3
	(8/23-29)		F	257	3.0	3,734	43.9	64	0.8	4,056	47.7
			Subtotal	901	10.6	7,533	88.6	64	0.8	8,499	100.0
	9/2-3	143	M	219	2.8	3,170	40.6	0	0.0	3,389	43.4
	(8/30-9/5)		F	273	3.5	4,100	52.4	55	0.7	4,428	56.6
			Subtotal	492	6.3	7,270	93.0	55	0.7	7,817	100.0
	9/9-10	115	M	345	3.5	2,416	24.3	86	0.9	2,848	28.7
	(9/6-17)		F	777	7.8	6,041	60.9	259	2.6	7,076	71.3
			Subtotal	1,122	11.3	8,457	85.2	345	3.5	9,924	100.0
	Season	429	M	1,208	3.4	13,396	37.8	322	0.9	14,926	42.1
			F	1,779	5.0	18,358	51.8	378	1.1	20,515	57.9
			Total	2,987	8.4	31,574	89.6	700	2.0	35,441	100.0
1999 [c]	8/23-24	64	M	170	6.2	976	35.9	0	0.0	1,146	42.2
	(8/14-27)		F	127	4.7	1,401	51.6	42	1.6	1,571	57.8
			Subtotal	297	10.9	2,377	87.5	42	1.6	2,717	100.0
	8/30-9/2	140	M	140	3.6	1,395	35.7	28	0.7	1,563	40.0
	(8/28-9/3)		F	167	4.3	2,149	55.0	28	0.7	2,344	60.0
			Subtotal	307	7.9	3,544	90.7	56	1.4	3,907	100.0
	9/5,7-8	142	M	173	5.7	1,362	44.4	86	2.8	1,621	52.8
	(9/4-11)		F	173	5.6	1,254	40.8	22	0.7	1,449	47.2
			Subtotal	346	11.3	2,616	85.2	108	3.5	3,070	100.0
	9/15	65	M	171	9.2	569	30.8	28	1.5	769	41.5
	(9/12-26)		F	28	1.6	1,054	56.9	0	0.0	1,082	58.5
			Subtotal	199	10.8	1,623	87.7	28	1.5	1,851	100.0
	Season	411	M	653	5.7	4,303	37.3	143	1.2	5,099	44.2
			F	496	4.3	5,858	50.7	92	0.8	6,446	55.8
			Total	1,149	10.0	10,161	88.0	235	2.0	11,545	100.0

Appendix E.21. Age and sex of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab]
(page 3 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
2000	8/14-15	149	M	0	0.0	2,792	62.4	0	0.0	2,792	62.4
	(7/29-8/18)		F	0	0.0	1,682	37.6	0	0.0	1,682	37.6
			Subtotal	0	0.0	4,474	100.0	0	0.0	4,474	100.0
	8/21-22	137	M	0	0.0	1,726	46.0	0	0.0	1,726	46.0
	(8/19-25)		F	27	0.7	2,000	53.3	0	0.0	2,027	54.0
			Subtotal	27	0.7	3,726	99.3	0	0.0	3,753	100.0
	8/28	76	M	0	0.0	4,133	50.0	0	0.0	4,133	50.0
	(8/26-30)		F	109	1.3	4,024	48.7	0	0.0	4,133	50.0
			Subtotal	109	1.3	8,157	98.7	0	0.0	8,266	100.0
	9/3-4	57	M	0	0.0	1,564	49.1	0	0.0	1,564	49.1
	(8/31-9/22)		F	168	5.3	1,340	42.1	112	3.5	1,619	50.9
			Subtotal	168	5.3	2,904	91.2	112	3.5	3,183	100.0
	Season	419	M	0	0.0	10,215	51.9	0	0.0	10,215	51.9
			F	304	1.5	9,046	46.0	112	0.6	9,461	48.1
			Total	304	1.5	19,261	97.9	112	0.6	19,676	100.0
2001	8/22-23,25-27	144	M	304	4.2	3,704	50.7	51	0.7	4,059	55.6
	(7/29-8/29)		F	0	0.0	3,095	42.4	152	2.1	3,247	44.4
			Subtotal	304	4.2	6,799	93.1	203	2.8	7,306	100.0
	8/31-9/2	145	M	533	6.2	3,377	39.3	59	0.7	3,969	46.2
	(8/30-9/6)		F	178	2.1	4,087	47.6	356	4.1	4,621	53.8
			Subtotal	711	8.3	7,464	86.9	415	4.8	8,590	100.0
	9/11-14	150	M	224	6.0	1,343	36.0	99	2.7	1,666	44.7
	(9/7-29)		F	149	4.0	1,865	50.0	50	1.3	2,064	55.3
			Subtotal	373	10.0	3,208	86.0	149	4.0	3,730	100.0
	Season	439	M	1,061	5.4	8,423	42.9	210	1.1	9,694	49.4
			F	327	1.7	9,048	46.1	557	2.8	9,932	50.6
			Total	1,388	7.1	17,471	89.0	767	3.9	19,626	100.0
2002	8/15,20-22	156	M	0	0.0	1,807	53.2	109	3.2	1,916	56.4
	(7/27-8/22)		F	0	0.0	1,285	37.8	196	5.8	1,481	43.6
			Subtotal	0	0.0	3,092	91.0	305	9.0	3,397	100.0

Appendix E.21. Age and sex of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab]
(page 4 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	8/24	151	M	8	0.7	559	47.0	63	5.3	630	53.0
	(8/23-26)		F	0	0.0	528	44.4	31	2.6	559	47.0
			Subtotal	8	0.7	1,087	91.4	94	7.9	1,189	100.0
	8/27-28,31	131	M	0	0.0	4,834	47.3	390	3.8	5,224	51.1
	(8/27-9/3)		F	78	0.8	4,756	46.6	156	1.5	4,990	48.9
			Subtotal	78	0.8	9,590	93.9	546	5.3	10,214	100.0
	9/7	126	M	199	1.6	7,379	58.7	598	4.8	8,177	65.1
	(9/4-18)		F	100	0.8	4,188	33.4	100	0.8	4,387	34.9
			Subtotal	299	2.4	11,567	92.1	698	5.6	12,564	100.0
	Season	564	M	207	0.8	14,579	53.3	1,160	4.2	15,947	58.3
			F	178	0.6	10,757	39.3	483	1.8	11,417	41.7
			Total	385	1.4	25,336	92.6	1,643	6.0	27,364	100.0
2003	8/24	52	M	1,078	5.8	9,338	50.0	1,078	5.8	11,494	61.5
	(7/11-8/28)		F	359	1.9	6,106	32.7	718	3.8	7,183	38.5
			Subtotal	1,437	7.7	15,444	82.7	1,796	9.6	18,677	100.0
	9/1	59	M	611	3.4	7,024	39.0	1,222	6.8	8,857	49.2
	(8/29-9/5)		F	305	1.7	8,857	49.1	0	0.0	9,162	50.8
			Subtotal	916	5.1	15,881	88.1	1,222	6.8	18,019	100.0
	9/9	56	M	288	1.8	8,632	53.6	288	1.8	9,208	57.1
	(9/6-18)		F	0	0.0	6,043	37.5	863	5.3	6,906	42.9
			Subtotal	288	1.8	14,675	91.1	1,151	7.1	16,114	100.0
	Season	167	M	1,976	3.7	24,995	47.3	2,587	4.9	29,558	56.0
			F	665	1.3	21,006	39.8	1,581	3.0	23,252	44.0
			Total	2,641	5.0	46,001	87.1	4,168	7.9	52,810	100.0
2004	8/1,3,9	23	M	75	8.7	523	60.9	0	0.0	598	69.6
	(6/21-8/12)		F	0	0.0	261	30.4	0	0.0	261	30.4
			Subtotal	75	8.7	784	91.3	0	0.0	859	100.0
	8/16-17	59	M	151	5.1	1,860	62.7	0	0.0	2,011	67.8
	(8/13-20)		F	50	1.7	804	27.1	101	3.4	955	32.2
			Subtotal	201	6.8	2,664	89.8	101	3.4	2,966	100.0

Appendix E.21. Age and sex of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab]
(page 5 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	8/23-24	56	M	156	1.8	3,421	39.3	0	0.0	3,577	41.1
	(8/21-30)		F	0	0.0	4,821	55.3	311	3.6	5,131	58.9
			Subtotal	156	1.8	8,242	94.6	311	3.6	8,708	100.0
	8/31-9/1	59	M	2,399	6.8	12,594	35.6	0	0.0	14,993	42.4
	(8/31-9/20)		F	2,998	8.5	16,192	45.8	1,199	3.4	20,390	57.6
			Subtotal	5,397	15.3	28,786	81.4	1,199	3.4	35,383	100.0
	Season	197	M	2,780	5.8	18,398	38.4	0	0.0	21,178	44.2
			F	3,049	6.4	22,078	46.1	1,611	3.4	26,738	55.8
			Total	5,829	12.2	40,476	84.5	1,611	3.4	47,916	100.0
2005	7/28,8/16	50	M								
	(6/26-8/22)		F								
			Subtotal							1,150	
	8/26-29	144	M	563	9.0	2,296	36.8	130	2.1	2,989	47.9
	(8/23-31)		F	433	7.0	2,555	41.0	260	4.2	3,248	52.1
			Subtotal	996	16.0	4,851	77.8	390	6.3	6,237	100.0
	9/2-4	134	M	1,134	20.2	2,561	45.5	210	3.7	3,905	69.4
	(9/1-6)		F	210	3.7	1,428	25.4	84	1.5	1,722	30.6
			Subtotal	1,344	23.9	3,989	70.9	294	5.2	5,627	100.0
	9/7-20	0	M								
			F								
			Subtotal							2,669	
	Season [e]	328	M								
			F								
			Total							11,324	
2006	8/18-19,21	73	M	187	11.0	657	38.4	0	0.0	844	49.3
	(6/26-8/22)		F	141	8.2	703	41.1	23	1.4	868	50.7
			Subtotal	328	19.2	1,360	79.5	23	1.4	1,712	100.0
	8/24-26	140	M	228	10.7	868	40.7	46	2.2	1,142	53.6
	(8/23-28)		F	213	10.0	761	35.7	15	0.7	989	46.4
			Subtotal	441	20.7	1,629	76.4	61	2.9	2,131	100.0

Appendix E.21. Age and sex of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab]
(page 6 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	8/30-9/1	130	M	1,399	11.5	4,943	40.8	0	0.0	6,342	52.3
	(8/29-9/18)		F	1,026	8.5	4,570	37.7	187	1.5	5,783	47.7
			Subtotal	2,425	20.0	9,513	78.5	187	1.5	12,125	100.0
	Season	343	M	1,815	11.4	6,467	40.5	46	0.3	8,328	52.2
			F	1,380	8.6	6,035	37.8	225	1.4	7,640	47.8
			Total	3,195	20.0	12,502	78.3	271	1.7	15,968	100.0
2007	8/10-11,13-15	112	M	219	12.5	926	52.7	47	2.7	1,192	67.9
	(6/15-8/17)		F	16	0.9	549	31.2	0	0.0	565	32.1
			Subtotal	235	13.4	1,475	83.9	47	2.7	1,757	100.0
	8/20-21	96	M	492	10.4	1,966	41.7	49	1.0	2,508	53.1
	(8/18-25)		F	344	7.3	1,672	35.4	197	4.2	2,212	46.9
			Subtotal	836	17.7	3,638	77.1	246	5.2	4,720	100.0
	8/30-31	123	M	402	6.5	1,911	30.9	201	3.3	2,515	40.7
	(8/26-9/3)		F	302	4.9	3,219	52.0	151	2.4	3,671	59.3
			Subtotal	704	11.4	5,130	82.9	352	5.7	6,186	100.0
	9/7-8	132	M	378	4.5	3,149	37.9	252	3.0	3,778	45.5
	(9/4-18)		F	504	6.1	4,030	48.5	0	0.0	4,534	54.5
			Subtotal	882	10.6	7,179	86.4	252	3.0	8,312	100.0
	Season	463	M	1,492	7.1	7,952	37.9	549	2.6	9,993	47.6
			F	1,165	5.6	9,469	45.2	348	1.7	10,982	52.4
			Total	2,657	12.7	17,421	83.1	897	4.3	20,975	100.0

Appendix E.21. Age and sex of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab]
(page 7 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
2008	7/26,8/7,11,13,	146	M	77	2.1	2,189	58.2	77	2.1	2,344	62.3
	15,18-20		F	103	2.7	1,185	31.5	129	3.4	1,416	37.7
	(7/2-8/23)		Subtotal	180	4.8	3,374	89.7	206	5.5	3,760	100.0
	8/26-27	132	M	306	4.6	2,394	35.6	204	3.0	2,904	43.2
	(8/24-30)		F	458	6.8	3,210	47.7	153	2.3	3,821	56.8
			Subtotal	764	11.4	5,604	83.3	357	5.3	6,725	100.0
	9/3	126	M	608	5.5	3,651	33.3	521	4.7	4,781	43.7
	(8/31-9/6)		F	435	4.0	5,563	50.8	174	1.6	6,172	56.3
			Subtotal	1,043	9.5	9,214	84.1	695	6.3	10,953	100.0
	9/10,15	175	M	870	5.7	6,177	40.6	174	1.2	7,221	47.4
	(9/7-18)		F	522	3.4	6,960	45.7	522	3.4	8,004	52.6
			Subtotal	1,392	9.1	13,137	86.3	696	4.6	15,225	100.0
	Season	579	M	1,862	5.1	14,411	39.3	977	2.6	17,250	47.0
			F	1,518	4.1	16,918	46.2	977	2.7	19,413	53.0
			Total	3,380	9.2	31,329	85.5	1,954	5.3	36,663	100.0
2009	8/13-26	90	M	222	5.6	1,775	44.4	178	4.5	2,174	54.4
	(6/28-8/27)		F	177	4.4	1,464	36.7	177	4.4	1,819	45.6
			Subtotal	399	10.0	3,239	81.1	355	8.9	3,993	100.0
	8/29,31,9/3	111	M	391	5.4	3,322	46.0	65	0.9	3,778	52.3
	(8/28-9/4)		F	195	2.7	3,192	44.1	65	0.9	3,452	47.7
			Subtotal	586	8.1	6,514	90.1	130	1.8	7,230	100.0
	9/6,9,11	157	M	335	3.8	3,634	41.4	447	5.1	4,416	50.3
	(9/5-21)		F	168	1.9	4,081	46.5	112	1.3	4,361	49.7
			Subtotal	503	5.7	7,715	87.9	559	6.4	8,777	100.0
	Season	358	M	948	4.7	8,730	43.6	690	3.4	10,368	51.8
			F	541	2.7	8,737	43.7	354	1.8	9,632	48.2
			Total	1,489	7.4	17,467	87.3	1,044	5.2	20,000	100.0

Appendix E.21. Age and sex of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab]
(page 8 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Esc.	1.1 %	2.1 Esc.	2.1 %	3.1 Esc.	3.1 %	Total Esc.	Total %
	Grand Total [d]	4,742	M	14,192	4.5	136,167	43.2	6,916	2.2	157,275	50.8
			F	11,427	3.6	139,812	44.3	6,864	2.2	158,102	49.2
			Total	25,619	8.1	275,799	87.5	13,780	4.4	315,377	100.0

[a] The number of fish in each stratum age and sex category are derived from the sample percentages; discrepancies in sums are attributed to rounding errors.

[b] The number of fish in "Season" summaries are the strata sums; "Season" percentages are derived from the sums.

[c] Flooding knocked the weir out from 8/4 to 8/14. No estimates were made for fish passage during the flood.

[d] The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums.

[e] Sampling dates do not meet criteria for estimating commercial harvest percentages for some or all of the strata; "Season" is not included in the "Grand Total".

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 1 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1991	8/8,11-12, 14-21 (8/4-21)	M	Mean Length		537	566
			Std. Error		7	31
			Range		422- 625	535- 628
			Sample Size	0	54	3
		F	Mean Length	560	561	584
			Std. Error	-	9	15
			Range	560- 560	455- 630	540- 605
			Sample Size	1	25	4
	8/22-24 (8/22-25)	M	Mean Length	503	547	542
			Std. Error	21	7	21
			Range	440- 530	378- 690	446- 638
			Sample Size	4	66	8
		F	Mean Length		563	550
			Std. Error		9	-
			Range		505- 635	550- 550
			Sample Size	0	16	1
	Season	M	Mean Length	503	546	543
			Range	440- 530	378- 690	446- 638
			Sample Size	4	120	11
		F	Mean Length	560	562	563
			Range	560- 560	455- 635	540- 605
			Sample Size	1	41	5
1992			The weir was not operated through coho season during 1992.			
1993			The weir was not operated through coho season during 1993.			
1994			The weir was not operated through coho season during 1994.			

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 2 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1995	8/15-17	M	Mean Length	511	570	581
	(8/1-20)		Std. Error	23	7	32
			Range	470- 575	435- 645	490- 635
			Sample Size	4	57	4
		F	Mean Length	605	580	584
			Std. Error	-	6	6
			Range	605- 605	490- 630	570- 595
			Sample Size	1	31	4
	8/23-24	M	Mean Length	590	572	
	(8/21-28)		Std. Error	-	8	
			Range	590- 590	450- 660	
			Sample Size	1	48	0
		F	Mean Length		570	
			Std. Error		5	
			Range		490- 640	
			Sample Size	0	41	0
	Season	M	Mean Length	537	571	581
			Range	470- 590	435- 660	490- 635
			Sample Size	5	105	4
		F	Mean Length	605	572	584
			Range	605- 605	490- 640	570- 595
			Sample Size	1	72	4
1996 [b]	8/9,17-19,22	M	Mean Length	615	606	628
	(7/24-8/23)		Std. Error	10	5	8
			Range	605- 625	450- 695	620- 645
			Sample Size	2	89	3
		F	Mean Length	570	608	632
			Std. Error	-	5	4
			Range	570- 570	515- 670	625- 640
			Sample Size	1	51	3
1997			No data is available for the 1997 season.			

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 3 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1998	8/19	M	Mean Length		576	575
	(7/25-8/22)		Std. Error		14	-
			Range		480- 680	575- 575
			Sample Size	0	17	1
		F	Mean Length	645	611	
			Std. Error	10	6	
			Range	635- 655	565- 655	
			Sample Size	2	19	0
	8/26-27	M	Mean Length	602	601	
	(8/23-29)		Std. Error	7	6	
			Range	550- 625	455- 680	
			Sample Size	10	59	0
		F	Mean Length	603	605	615
			Std. Error	18	4	-
			Range	555- 635	540- 655	615- 615
			Sample Size	4	58	1
	9/2-3	M	Mean Length	569	625	
	(8/30-9/5)		Std. Error	14	6	
			Range	550- 610	490- 700	
			Sample Size	4	58	0
		F	Mean Length	594	611	555
			Std. Error	19	5	-
			Range	550- 640	400- 680	555- 555
			Sample Size	5	75	1
	9/9-10	M	Mean Length	605	613	620
	(9/6-17)		Std. Error	23	8	-
			Range	545- 655	490- 660	620- 620
			Sample Size	4	28	1
		F	Mean Length	613	609	513
			Std. Error	7	4	52
			Range	585- 655	510- 665	420- 600
			Sample Size	9	70	3

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 4 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	597	601	587
			Range	545- 655	455- 700	575- 620
			Sample Size	18	162	2
		F	Mean Length	617	609	537
			Range	550- 655	400- 680	420- 615
			Sample Size	20	222	5
1999	8/23- 24 (8/14-27)	M	Mean Length	525	558	
			Std. Error	34	10	
			Range	470- 610	460- 640	
			Sample Size	4	23	0
		F	Mean Length	547	578	575
			Std. Error	11	5	-
			Range	525- 560	500- 610	575- 575
			Sample Size	3	33	1
	8/30-9/2 (8/28-9/3)	M	Std. Error	515	570	-
			Range	520- 610	455- 680	595- 595
			Sample Size	5	50	1
		F	Mean Length	571	589	625
			Std. Error	9	4	-
			Range	545- 600	500- 650	625- 625
			Sample Size	6	77	1
	9/5,7-8 (9/4-11)	M	Mean Length	589	617	631
			Std. Error	23	7	17
			Range	467- 658	460- 707	588- 668
			Sample Size	8	63	4
		F	Mean Length	579	603	591
			Std. Error	18	5	-
			Range	518- 677	495- 668	591- 591
			Sample Size	8	58	1

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 5 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/15	M	Mean Length	565	612	675
	(9/12-26)		Std. Error	10	7	-
			Range	525- 595	550- 665	675- 675
			Sample Size	6	20	1
		F	Mean Length	595	600	
			Std. Error	-	6	
			Range	595- 595	510- 655	
			Sample Size	1	37	0
	Season	M	Mean Length	560	593	633
			Range	467- 658	455- 707	588- 675
			Sample Size	23	156	6
		F	Mean Length	569	591	594
			Range	518- 677	495- 668	575- 625
			Sample Size	18	205	3
2000	8/14-15	M	Mean Length		567	
	(7/29-8/18)		Std. Error		5	
			Range		415- 660	
			Sample Size	0	93	0
		F	Mean Length		582	
			Std. Error		4	
			Range		490- 675	
			Sample Size	0	56	0
	8/21-22	M	Mean Length		602	
	(8/19-25)		Std. Error		8	
			Range		465- 685	
			Sample Size	0	63	0
		F	Mean Length	590	601	
			Std. Error	-	3	
			Range	590- 590	545- 645	
			Sample Size	1	73	0

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 6 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/28	M	Mean Length		583	
	(8/26-30)		Std. Error		9	
			Range		410- 665	
			Sample Size	0	38	0
		F	Mean Length	545	592	
			Std. Error	-	4	
			Range	545- 545	520- 650	
			Sample Size	1	37	0
	9/3-4	M	Mean Length		648	
	(8/31-9/22)		Std. Error		9	
			Range		515- 720	
			Sample Size	0	28	0
		F	Mean Length	608	634	640
			Std. Error	8	6	-
			Range	600- 625	575- 705	640- 640
			Sample Size	3	24	2
	Season	M	Mean Length		592	
			Range		410- 720	
			Sample Size	0	222	0
		F	Mean Length	584	598	640
			Range	545- 625	490- 705	640- 640
			Sample Size	5	190	2
2001	8/22-23,25-27	M	Mean Length	575	599	510
	(7/29-8/29)		Std. Error	31	5	-
			Range	465- 660	505- 675	510- 510
			Sample Size	6	73	1
		F	Mean Length		607	600
			Std. Error		4	16
			Range		490- 660	575- 630
			Sample Size	0	61	3

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 7 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/31-9/2	M	Mean Length	602	620	685
	(8/30-9/6)		Std. Error	9	5	-
			Range	540- 640	495- 690	685- 685
			Sample Size	9	57	1
		F	Mean Length	617	614	638
			Std. Error	26	3	9
			Range	565- 645	555- 675	605- 665
			Sample Size	3	69	6
	9/11-14	M	Mean Length	605	631	625
	(9/7-29)		Std. Error	13	5	22
			Range	540- 660	500- 710	570- 665
			Sample Size	9	54	4
		F	Mean Length	623	622	628
			Std. Error	8	3	18
			Range	590- 640	565- 670	610- 645
			Sample Size	6	75	2
	Season	M	Mean Length	595	613	614
			Range	465- 660	495- 710	510- 685
			Sample Size	24	184	6
		F	Mean Length	620	613	627
			Range	565- 645	490- 675	575- 665
			Sample Size	9	205	11
2002	8/15,20-22	M	Mean Length		608	616
	(7/27-8/22)		Std. Error		5	18
			Range		500- 686	570- 665
			Sample Size	0	83	5
		F	Mean Length		613	603
			Std. Error		4	16
			Range		532- 696	518- 649
			Sample Size	0	59	9

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 8 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/24	M	Mean Length	571	613	622
	(8/23-26)		Std. Error	-	4	8
			Range	571- 571	495- 679	585- 645
			Sample Size	1	71	8
		F	Mean Length		607	617
			Std. Error		4	12
			Range		526- 666	588- 640
			Sample Size	0	67	4
	8/27-28,31	M	Mean Length		620	670
	(8/27-9/3)		Std. Error		6	11
			Range		490- 683	637- 690
			Sample Size	0	62	5
		F	Mean Length	594	612	632
			Std. Error	-	3	10
			Range	594- 594	558- 665	622- 642
			Sample Size	1	61	2
	9/7	M	Mean Length	618	622	643
	(9/4-18)		Std. Error	8	5	12
			Range	610- 625	510- 710	590- 670
			Sample Size	2	74	6
		F	Mean Length	535	631	640
			Std. Error	-	4	-
			Range	535- 535	575- 665	640- 640
			Sample Size	1	42	1
	Season	M	Mean Length	616	619	649
			Range	571- 625	490- 710	570- 690
			Sample Size	3	290	24
		F	Mean Length	561	619	621
			Range	535- 594	526- 696	518- 649
			Sample Size	2	229	16

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 9 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2003	8/24 (7/11-8/28)	M	Mean Length	558	618	628
			Std. Error	43	10	30
			Range	475- 620	485- 690	575- 680
			Sample Size	3	26	3
		F	Mean Length	525	621	618
			Std. Error	-	7	3
			Range	525- 525	575- 660	615- 620
			Sample Size	1	17	2
	9/1 (8/29-9/5)	M	Mean Length	533	593	633
			Std. Error	48	10	26
			Range	485- 580	515- 680	595- 710
			Sample Size	2	23	4
		F	Mean Length	615	606	
			Std. Error	-	7	
			Range	615- 615	485- 655	
			Sample Size	1	29	0
	9/9 (9/6-18)	M	Mean Length	570	619	685
			Std. Error	-	6	-
			Range	570- 570	535- 665	685- 685
			Sample Size	1	30	1
		F	Mean Length		599	572
			Std. Error		6	59
			Range		535- 635	460- 660
			Sample Size	0	21	3
	Season	M	Mean Length	552	611	637
			Range	475- 620	485- 690	575- 710
			Sample Size	6	79	8
		F	Mean Length	566	608	592
			Range	525- 615	485- 660	460- 660
			Sample Size	2	67	5

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 10 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2004	8/1,3,9 (6/21-8/12)	M	Mean Length	428	551	
			Std. Error	28	10	
			Range	400- 455	510- 610	
			Sample Size	2	14	0
		F	Mean Length		571	
			Std. Error		18	
			Range		485- 630	
			Sample Size	0	7	0
	8/16-17 (8/13-20)	M	Mean Length	518	550	
			Std. Error	12	8	
			Range	495- 530	425- 645	
			Sample Size	3	37	0
		F	Mean Length	540	558	620
			Std. Error	-	12	10
			Range	540- 540	460- 600	610- 630
			Sample Size	1	16	2
	8/23-24 (8/21-30)	M	Mean Length	460	562	
			Std. Error	-	11	
			Range	460- 460	465- 660	
			Sample Size	1	22	0
		F	Mean Length		581	600
			Std. Error		5	15
			Range		530- 630	585- 615
			Sample Size	0	31	2
	8/31-9/1 (8/31-9/20)	M	Mean Length	578	573	
			Std. Error	39	13	
			Range	470- 640	445- 660	
			Sample Size	4	21	0
		F	Mean Length	583	599	583
			Std. Error	15	5	23
			Range	540- 625	550- 660	560- 605
			Sample Size	5	27	2

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 11 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	564	568	
			Range	400- 640	425- 660	
			Sample Size	10	94	0
		F	Mean Length	582	593	588
			Range	540- 625	460- 660	560- 630
			Sample Size	6	81	6
2005	7/28,8/16 (6/26-8/22)	M	Mean Length	527	564	645
			Std. Error	15	16	-
			Range	440- 625	490- 665	645- 645
			Sample Size	13	15	1
		F	Mean Length	580	571	620
			Std. Error	-	10	-
			Range	580- 580	460- 630	620- 620
			Sample Size	1	19	1
	8/26-29 (8/23-31)	M	Mean Length	573	596	563
			Std. Error	14	6	45
			Range	470- 630	500- 670	485- 640
			Sample Size	13	53	3
		F	Mean Length	573	585	598
			Std. Error	13	4	10
			Range	505- 630	495- 640	560- 620
			Sample Size	10	59	6
	9/2-4 (9/1-6)	M	Mean Length	593	588	622
			Std. Error	8	6	14
			Range	465- 650	430- 665	585- 665
			Sample Size	27	61	5
		F	Mean Length	583	590	590
			Std. Error	19	5	20
			Range	510- 625	515- 645	570- 610
			Sample Size	5	34	2

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 12 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season [b]	M	Mean Length	577	590	602
			Range	440- 650	430- 670	485- 665
			Sample Size	53	129	9
		F	Mean Length	576	585	597
			Range	505- 630	460- 645	560- 620
			Sample Size	16	112	9
2006	8/18-19,21	M	Mean Length	571	551	
	(6/26-8/22)		Std. Error	16	9	
			Range	530- 635	445- 635	
			Sample Size	8	28	0
		F	Mean Length	530	553	450
			Std. Error	14	5	-
			Range	480- 565	500- 620	450- 450
			Sample Size	6	30	1
	8/24-26	M	Mean Length	557	555	550
	(8/23-28)		Std. Error	12	6	20
			Range	450- 605	455- 640	530- 590
			Sample Size	15	57	3
		F	Mean Length	560	557	525
			Std. Error	8	6	-
			Range	505- 615	440- 620	525- 525
			Sample Size	14	50	1
	8/30-9/1	M	Mean Length	573	562	
	(8/29-9/18)		Std. Error	8	6	
			Range	515- 620	440- 665	
			Sample Size	15	53	0
		F	Mean Length	556	571	580
			Std. Error	9	4	10
			Range	500- 605	505- 625	570- 590
			Sample Size	11	49	2

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 13 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	571	560	550
			Range	450- 635	440- 665	530- 590
			Sample Size	38	138	3
		F	Mean Length	554	567	563
			Range	480- 615	440- 625	450- 590
			Sample Size	31	129	4
2007	8/10-11,13-15 (6/15-8/17)	M	Mean Length	536	549	558
			Std. Error	13	7	17
			Range	455- 610	440- 640	525- 575
			Sample Size	14	59	3
		F	Mean Length	570	582	
			Std. Error	-	6	
			Range	570- 570	470- 640	
			Sample Size	1	35	0
	8/20-21 (8/18-25)	M	Mean Length	550	584	615
			Std. Error	13	8	-
			Range	480- 600	405- 695	615- 615
			Sample Size	10	40	1
		F	Mean Length	582	590	589
			Std. Error	9	6	22
			Range	555- 615	510- 635	525- 615
			Sample Size	7	34	4
	8/30-31 (8/26-9/3)	M	Mean Length	567	588	492
			Std. Error	19	8	46
			Range	486- 626	450- 660	360- 573
			Sample Size	8	38	4
		F	Mean Length	563	587	594
			Std. Error	16	4	5
			Range	497- 609	518- 652	589- 603
			Sample Size	6	64	3

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 14 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/7-8	M	Mean Length	593	576	584
	(9/4-18)		Std. Error	13	6	18
			Range	540- 622	474- 695	559- 638
			Sample Size	6	50	4
		F	Mean Length	592	596	
			Std. Error	4	3	
			Range	566- 605	507- 649	
			Sample Size	8	64	0
	Season	M	Mean Length	563	578	551
			Range	455- 626	405- 695	360- 638
			Sample Size	38	187	12
		F	Mean Length	581	591	591
			Range	497- 615	470- 652	525- 615
			Sample Size	22	197	7
2008	8/14-18	M	Mean Length		534	533
	(6/25-8/21)		Std. Error		5	10
			Range		445- 625	450- 585
			Sample Size	0	61	17
		F	Mean Length		547	547
			Std. Error		4	5
			Range		485- 600	485- 600
			Sample Size	0	48	22
	8/25-28,30	M	Mean Length	509	539	536
	(8/22-31)		Std. Error	4	7	11
			Range	505- 513	387- 623	412- 595
			Sample Size	2	51	21
		F	Mean Length		539	547
			Std. Error		6	6
			Range		472- 607	444- 615
			Sample Size	0	34	32

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 15 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/5,8-10	M	Mean Length		548	557
	(9/1-20)		Std. Error		8	9
			Range		466- 672	447- 627
			Sample Size	0	32	20
		F	Mean Length		544	551
			Std. Error		5	5
			Range		480- 622	479- 606
			Sample Size	0	45	44
	Season	M	Mean Length	509	539	542
			Range	505- 513	387- 672	412- 627
			Sample Size	2	144	58
		F	Mean Length		544	549
			Range		472- 622	444- 615
			Sample Size	0	127	98
2009	8/13-26	M	Mean Length	552	595	520
	(6/28-8/27)		Std. Error	10	8	57
			Range	520- 581	436- 668	353- 600
			Sample Size	5	40	4
		F	Mean Length	596	601	608
			Std. Error	7	6	10
			Range	581- 608	500- 661	582- 628
			Sample Size	4	33	4
	8/29,31,9/3	M	Mean Length	602	609	647
	(8/28-9/4)		Std. Error	11	7	-
			Range	558- 627	445- 683	647- 647
			Sample Size	6	51	1
		F	Mean Length	566	607	628
			Std. Error	6	4	-
			Range	553- 574	545- 688	628- 628
			Sample Size	3	49	1

Appendix E.22. Mean length (mm) of coho salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [a] (page 16 of 16)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	9/6,9,11	M	Mean Length	570	623	625
	(9/5-21)		Std. Error	12	5	10
			Range	542- 610	500- 702	578- 672
			Sample Size	6	65	8
		F	Mean Length	559	606	602
			Std. Error	8	3	10
			Range	547- 573	552- 664	592- 611
			Sample Size	3	73	2
	Season	M	Mean Length	579	612	600
			Range	520- 627	436- 702	353- 672
			Sample Size	17	156	13
		F	Mean Length	573	605	610
			Range	547- 608	500- 688	582- 628
			Sample Size	10	155	7
	Grand Total [d]	M	Mean Length	557	582	584
			Range	455- 658	405- 707	353- 675
			Sample Size	188	2,037	147
		F	Mean Length	583	588	587
			Range	497- 677	400- 688	420- 628
			Sample size	127	1,920	173

[a] "Season" mean lengths are weighted by the escapement passage in each stratum.

[b] Sampling dates do not meet criteria for estimating escapement percentages for some or all of the strata; "Season" is not included in the "Grand Total".

[c] Flooding knocked the weir out from 8/4 to 8/14. No estimates were made for fish passage during the flood.

[d] "Grand Total" mean lengths are simple averages of the "Season" mean lengths.

APPENDIX F: HISTORICAL AGE, SEX, AND LENGTH OF COHO SALMON SAMPLED FROM KUSKOKWIM AREA COMMERCIAL, TEST, AND SUBSISTENCE FISHERIES.

Appendix F.1. Age and sex of coho salmon from the District 1 commercial fishery. [ab] (page 1 of 11)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
1984	7/12- 8/2	271	M	3,532	2.6	65,615	48.3	2,038	1.5	71,185	52.4
			F	2,038	1.5	60,181	44.3	2,445	1.8	64,664	47.6
			Subtotal	5,570	4.1	125,796	92.6	4,483	3.3	135,849	100.0
	8/3- 9	243	M	1,323	0.8	85,179	51.5	662	0.4	87,164	52.7
			F	3,473	2.1	73,436	44.4	1,323	0.8	78,232	47.3
			Subtotal	4,796	2.9	158,615	95.9	1,985	1.2	165,396	100.0
	8/10- 16	252	M	3,807	2.4	74,864	47.2	1,903	1.2	80,574	50.8
			F	5,076	3.2	70,423	44.4	2,538	1.6	78,036	49.2
			Subtotal	8,882	5.6	145,287	91.6	4,441	2.8	158,610	100.0
	8/17- 27	328	M	1,945	1.5	60,428	46.6	4,409	3.4	66,782	51.5
			F	3,890	3.0	56,667	43.7	2,334	1.8	62,891	48.5
			Subtotal	5,835	4.5	117,095	90.3	6,743	5.2	129,673	100.0
	8/28- 9/3	239	M	559	3.8	6,145	41.8	426	2.9	7,130	48.5
			F	676	4.6	6,101	41.5	794	5.4	7,572	51.5
			Subtotal	1,235	8.4	12,247	83.3	1,220	8.3	14,702	100.0
	Season	1,333	M	11,166	1.8	292,231	48.4	9,438	1.6	312,835	51.8
			F	15,153	2.5	266,808	44.2	9,434	1.6	291,395	48.2
			Total	26,319	4.4	559,039	92.5	18,872	3.1	604,230	100.0
1985	8/1- 5	255	M	3,466	3.9	39,459	44.4	3,110	3.5	46,035	51.8
			F	3,821	4.3	35,193	39.6	3,821	4.3	42,836	48.2
			Subtotal	7,287	8.2	74,652	84.0	6,932	7.8	88,871	100.0
	8/8-12	239	M	5,147	3.3	79,695	51.1	2,651	1.7	87,492	56.1
			F	4,523	2.9	61,915	39.7	2,027	1.3	68,466	43.9
			Subtotal	9,669	6.2	141,610	90.8	4,679	3.0	155,958	100.0
	8/15-19	249	M	3,976	8.4	21,487	45.4	757	1.6	26,220	55.4
			F	2,082	4.4	17,701	37.4	1,325	2.8	21,109	44.6
			Subtotal	6,058	12.8	39,188	82.8	2,082	4.4	47,329	100.0
	8/22-29	376	M	2,608	6.9	15,381	40.7	1,096	2.9	19,084	50.5
			F	2,419	6.4	15,683	41.5	605	1.6	18,706	49.5
			Subtotal	5,026	13.3	31,063	82.2	1,701	4.5	37,790	100.0
	Season	1,119	M	15,196	4.6	156,021	47.3	7,615	2.3	178,832	54.2
			F	12,845	3.9	130,492	39.5	7,779	2.4	151,116	45.8
			Total	28,041	8.5	286,513	86.8	15,394	4.7	329,948	100.0
1986	6/31-8/4	250	M	4,947	4.0	62,829	50.8	495	0.4	68,271	55.2
			F	2,968	2.4	52,440	42.4	0	0.0	55,409	44.8
			Subtotal	7,916	6.4	115,270	93.2	495	0.4	123,680	100.0
	8/7-15	336	M	9,660	2.7	180,684	50.5	4,293	1.2	194,638	54.4
			F	6,440	1.8	148,125	41.4	8,587	2.4	163,152	45.6
			Subtotal	16,101	4.5	328,809	91.9	12,880	3.6	357,790	100.0

Appendix F.1. Age and sex of coho salmon from the District 1 commercial fishery. [ab] (page 2 of 11)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	8/17-9/01	255	M	3,234	2.0	76,493	47.3	3,881	2.4	83,608	51.7
			F	3,881	2.4	70,994	43.9	3,234	2.0	78,110	48.3
			Subtotal	7,116	4.4	147,487	91.2	7,116	4.4	161,718	100.0
	Season	841	M	17,842	2.8	320,006	49.8	8,669	1.3	346,517	53.9
			F	13,290	2.1	271,560	42.2	11,821	1.8	296,671	46.1
			Total	31,132	4.8	591,566	92.0	20,491	3.2	643,188	100.0
1987	8/6	126	M	369	0.8	16,856	36.5	2,909	6.3	20,135	43.6
	(8/6)		F	4,387	9.5	17,272	37.4	4,387	9.5	26,047	56.4
			Subtotal	4,757	10.3	34,128	73.9	7,297	15.8	46,182	100.0
	8/13	111	M	7,558	7.2	33,065	31.5	4,724	4.5	45,346	43.2
	(8/13)		F	1,889	1.8	49,230	46.9	8,502	8.1	59,622	56.8
			Subtotal	9,447	9.0	82,295	78.4	13,226	12.6	104,968	100.0
	8/17,19	158	M	2,264	1.9	43,011	36.1	10,604	8.9	55,879	46.9
	(8/17,19)		F	2,979	2.5	50,517	42.4	9,770	8.2	63,265	53.1
			Subtotal	5,242	4.4	93,528	78.5	20,374	17.1	119,144	100.0
	8/21,24	147	M	2,081	3.4	24,177	39.5	4,162	6.8	30,420	49.7
	(8/21,24)		F	1,653	2.7	21,668	35.4	7,467	12.2	30,788	50.3
			Subtotal	3,734	6.1	45,845	74.9	11,630	19.0	61,208	100.0
	8/27,31,9/3,7	278	M	2,918	5.8	20,023	39.8	4,176	8.3	27,116	53.9
	(8/27,31,9/3,7)		F	1,459	2.9	17,759	35.3	3,974	7.9	23,192	46.1
			Subtotal	4,377	8.7	37,781	75.1	8,150	16.2	50,308	100.0
	Season	820	M	15,190	4.0	137,132	35.9	26,575	7.0	178,896	46.9
			F	12,367	3.2	156,445	41.0	34,101	8.9	202,914	53.1
			Total	27,557	7.2	293,578	76.9	60,676	15.9	381,810	100.0
1988	7/25,28	221	M	1,053	3.6	14,273	48.8	0	0.0	15,326	52.4
	(7/25,28)		F	263	0.9	13,513	46.2	146	0.5	13,922	47.6
			Subtotal	1,316	4.5	27,786	95.0	146	0.5	29,248	100.0
	8/1,4	244	M	2,211	2.0	53,607	48.5	1,326	1.2	57,144	51.7
	(8/1,4)		F	1,768	1.6	50,733	45.9	884	0.8	53,386	48.3
			Subtotal	3,979	3.6	104,340	94.4	2,211	2.0	110,530	100.0
	8/8,10	238	M	3,654	1.7	103,161	48.0	1,719	0.8	108,534	50.5
	(8/8,10)		F	5,373	2.5	99,293	46.2	1,719	0.8	106,385	49.5
			Subtotal	9,027	4.2	202,454	94.2	3,439	1.6	214,919	100.0
	8/15,18	240	M	2,060	1.7	55,018	45.4	969	0.8	58,048	47.9
	(8/15,18,21)		F	4,605	3.8	58,532	48.3	0	0.0	63,137	52.1
			Subtotal	6,665	5.5	113,550	93.7	969	0.8	121,185	100.0
	8/27,31	484	M	594	1.7	14,922	42.7	349	1.0	15,866	45.4
	(8/27,31)		F	944	2.7	17,648	50.5	489	1.4	19,081	54.6
			Subtotal	1,538	4.4	32,571	93.2	839	2.4	34,947	100.0

Appendix F.1. Age and sex of coho salmon from the District 1 commercial fishery. [ab] (page 3 of 11)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	Season	1,427	M	9,571	1.9	240,982	47.2	4,365	0.9	254,918	49.9
			F	12,953	2.5	239,719	46.9	3,239	0.6	255,911	50.1
			Subtotal	22,525	4.4	480,701	94.1	7,604	1.5	510,829	100.0
1989	7/18,27,8/3	229	M	4,719	4.4	55,666	51.9	1,394	1.3	61,780	57.6
	(7/18,27,8/3)		F	5,148	4.8	40,329	37.6	0	0.0	45,477	42.4
			Subtotal	9,868	9.2	95,995	89.5	1,394	1.3	107,257	100.0
	8/7,9,12	127	M	18,364	7.1	120,010	46.4	2,069	0.8	140,443	54.3
	(8/7,9,12)		F	4,138	1.6	107,854	41.7	6,207	2.4	118,199	45.7
			Subtotal	22,502	8.7	227,864	88.1	8,277	3.2	258,642	100.0
	8/15,18	132	M	870	3.0	15,172	52.3	232	0.8	16,274	56.1
	(8/15,18)		F	1,305	4.5	10,762	37.1	667	2.3	12,735	43.9
			Subtotal	2,176	7.5	25,934	89.4	899	3.1	29,009	100.0
	8/23,26	127	M	2,021	3.9	23,682	45.7	829	1.6	26,532	51.2
	(8/23,26)		F	2,850	5.5	22,024	42.5	415	0.8	25,289	48.8
			Subtotal	4,871	9.4	45,706	88.2	1,244	2.4	51,821	100.0
	8/29	128	M	901	6.3	4,921	34.4	329	2.3	6,151	43.0
	(8/29,9/1)		F	787	5.5	6,823	47.7	558	3.9	8,168	57.1
			Subtotal	1,688	11.8	11,744	82.1	887	6.2	14,305	100.1
	Season	743	M	26,875	5.8	219,451	47.6	4,854	1.1	251,180	54.5
			F	14,229	3.1	187,792	40.7	7,847	1.7	209,868	45.5
			Subtotal	41,104	8.9	407,243	88.3	12,701	2.8	461,034	100.0
1990	8/1,6,10	222	M	2,006	1.4	77,249	53.9	5,160	3.6	84,415	58.9
	(8/1,6,10)		F	2,006	1.4	53,602	37.4	3,296	2.3	58,905	41.1
			Subtotal	4,013	2.8	130,851	91.3	8,456	5.9	143,320	100.0
	8/13,16,20,27	167	M	7,558	3.0	128,226	50.9	4,535	1.8	140,318	55.7
	(8/13,16,20,27)		F	7,558	3.0	96,484	38.3	7,558	3.0	111,599	44.3
			Subtotal	15,115	6.0	224,710	89.2	12,092	4.8	251,917	100.0
	Season	389	M	9,564	2.4	205,475	52.0	9,694	2.5	224,733	56.9
			F	9,564	2.4	150,086	38.0	10,854	2.7	170,504	43.1
			Total	19,128	4.8	355,561	90.0	20,548	5.2	395,237	100.0
1991	7/25	89	M	94	1.1	5,844	68.6	94	1.1	6,031	70.8
	(7/25)		F	0	0.0	2,488	29.2	0	0.0	2,488	29.2
			Subtotal	94	1.1	8,332	97.8	94	1.1	8,519	100.0
	8/1	94	M	4,827	6.4	38,467	51.0	4,827	6.4	48,121	63.8
	(7/29,8/1)		F	2,414	3.2	23,306	30.9	1,584	2.1	27,304	36.2
			Subtotal	7,241	9.6	61,773	81.9	6,411	8.5	75,425	100.0
	8/8	98	M	4,858	2.0	173,659	71.5	14,816	6.1	193,332	79.6
	(8/5,8,12)		F	2,429	1.0	44,690	18.4	2,429	1.0	49,548	20.4
			Subtotal	7,286	3.0	218,349	89.9	17,244	7.1	242,880	100.0

Appendix F.1. Age and sex of coho salmon from the District 1 commercial fishery. [ab] (page 4 of 11)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	8/14	95	M	642	1.1	29,488	50.5	4,321	7.4	34,452	59.0
	(8/14)		F	1,226	2.1	20,262	34.7	2,453	4.2	23,941	41.0
			Subtotal	1,869	3.2	49,751	85.2	6,774	11.6	58,393	100.0
	8/19	98	M	1,147	2.0	17,553	30.6	1,778	3.1	20,479	35.7
	(8/19)		F	2,352	4.1	31,034	54.1	3,499	6.1	36,885	64.3
			Subtotal	3,499	6.1	48,587	84.7	5,277	9.2	57,364	100.0
	8/26	99	M	437	1.0	17,640	40.4	1,310	3.0	19,387	44.4
	(8/26)		F	2,664	6.1	20,304	46.5	1,310	3.0	24,277	55.6
			Subtotal	3,100	7.1	37,944	86.9	2,620	6.0	43,664	100.0
	Season	573	M	12,005	2.5	282,652	58.1	27,146	5.6	321,803	66.2
			F	11,084	2.3	142,084	29.2	11,274	2.3	164,442	33.8
			Total	23,089	4.7	424,736	87.4	38,420	7.9	486,245	100.0
1992	8/3	151	M	12,624	9.3	56,604	41.7	950	0.7	70,178	51.7
	(8/3,6)		F	5,430	4.0	56,604	41.7	3,529	2.6	65,563	48.3
			Subtotal	18,054	13.3	113,208	83.4	4,479	3.3	135,741	100.0
	8/11	191	M	19,700	7.3	111,724	41.4	12,684	4.7	144,107	53.4
	(8/11,14)		F	11,334	4.2	113,073	41.9	1,349	0.5	125,757	46.6
			Subtotal	31,034	11.5	224,797	83.3	14,033	5.2	269,864	100.0
	8/17		M	9,774	6.4	49,329	32.3	3,971	2.6	63,073	41.3
	(8/17,21)	155	F	13,745	9.0	71,015	46.5	4,887	3.2	89,647	58.7
			Subtotal	23,519	15.4	120,343	78.8	8,858	5.8	152,720	100.0
	8/24	155	M	3,998	7.1	22,523	40.0	1,070	1.9	27,590	49.0
	(8/27,27)		F	5,462	9.7	21,791	38.7	1,464	2.6	28,717	51.0
			Subtotal	9,460	16.8	44,314	78.7	2,534	4.5	56,307	100.0
	8/31	152	M	1,900	11.2	6,361	37.5	441	2.6	8,702	51.3
	(8/31)		F	1,119	6.6	6,242	36.8	899	5.3	8,260	48.7
			Subtotal	3,019	17.8	12,603	74.3	1,340	7.9	16,962	100.0
	Season	804	M	47,996	7.6	246,540	39.0	19,115	3.0	313,651	49.7
			F	37,090	5.9	268,725	42.5	12,129	1.9	317,943	50.3
			Total	85,086	13.5	515,264	81.6	31,244	4.9	631,594	100.0
1993	7/31	153	M	6,394	3.3	92,422	47.7	2,519	1.3	101,334	52.3
	(7/31,8/4)		F	2,519	1.3	87,384	45.1	2,519	1.3	92,422	47.7
			Subtotal	8,913	4.6	179,806	92.8	5,038	2.6	193,756	100.0
	8/6	155	M	7,246	3.2	109,598	48.4	5,888	2.6	122,732	54.2
	(8/6,9,14)		F	4,302	1.9	96,465	42.6	2,944	1.3	103,711	45.8
			Subtotal	11,549	5.1	206,063	91.0	8,831	3.9	226,443	100.0
	8/21	120	M	2,386	1.7	62,034	44.2	3,509	2.5	67,929	48.4
	(8/17,21,25)		F	9,403	6.7	63,017	44.9	0	0.0	72,420	51.6
			Subtotal	11,789	8.4	125,051	89.1	3,509	2.5	140,349	100.0

Appendix F.1. Age and sex of coho salmon from the District 1 commercial fishery. [ab] (page 5 of 11)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	8/28	112	M	1,392	5.4	11,060	42.9	0	0.0	12,453	48.3
	(8/28,9/1)		F	464	1.8	12,865	49.9	0	0.0	13,329	51.7
			Subtotal	1,856	7.2	23,926	92.8	0	0.0	25,782	100.0
	Season	540	M	17,418	3.0	275,115	46.9	11,915	2.0	304,448	51.9
			F	16,689	2.8	259,731	44.3	5,463	0.9	281,882	48.1
			Total	34,107	5.8	534,845	91.2	17,378	3.0	586,330	100.0
1994	7/24	141	M	3,597	2.9	61,157	49.3	7,939	6.4	72,694	58.6
	(7/24,26,29)		F	1,737	1.4	45,155	36.4	4,466	3.6	51,357	41.4
			Subtotal	5,334	4.3	106,312	85.7	12,405	10.0	124,051	100.0
	8/4	144	M	7,178	3.5	145,199	70.8	14,151	6.9	166,528	81.2
	(8/4,9)		F	2,871	1.4	28,507	13.9	7,178	3.5	38,556	18.8
			Subtotal	10,049	4.9	173,706	84.7	21,329	10.4	205,084	100.0
	8/12	132	M	6,295	3.8	55,163	33.3	7,454	4.5	68,912	41.6
	(8/12,15)		F	2,485	1.5	87,963	53.1	6,295	3.8	96,743	58.4
			Subtotal	8,780	5.3	143,126	86.4	13,749	8.3	165,655	100.0
	8/18	137	M	10,144	8.0	54,653	43.1	6,467	5.1	71,264	56.2
	(8/18,22)		F	6,467	5.1	42,606	33.6	6,467	5.1	55,540	43.8
			Subtotal	16,611	13.1	97,259	76.7	12,934	10.2	126,804	100.0
	8/25	134	M	1,744	3.0	28,828	49.6	2,209	3.8	32,780	56.4
	(8/25,27)		F	2,615	4.5	19,645	33.8	3,080	5.3	25,341	43.6
			Subtotal	4,359	7.5	48,473	83.4	5,289	9.1	58,121	100.0
	8/30	138	M	310	2.9	4,646	43.5	459	4.3	5,415	50.7
	(8/30,9/2)		F	619	5.8	4,411	41.3	235	2.2	5,266	49.3
			Subtotal	929	8.7	9,057	84.8	694	6.5	10,681	100.0
	Season	826	M	29,268	4.2	349,647	50.6	38,679	5.6	417,594	60.5
			F	16,795	2.4	228,286	33.1	27,721	4.0	272,802	39.5
			Total	46,063	6.7	577,933	83.7	66,400	9.6	690,396	100.0
1995	8/4	138	M	16,284	10.9	62,299	41.7	4,333	2.9	82,916	55.5
	(7/10,14,18,		F	7,619	5.1	53,484	35.8	5,378	3.6	66,482	44.5
	21,8/4,8)		Subtotal	23,904	16.0	115,783	77.5	9,711	6.5	149,398	100.0
	8/12	151	M	15,636	9.3	72,298	43.0	7,734	4.6	95,668	56.9
	(8/12,16)		F	6,725	4.0	56,829	33.8	8,911	5.3	72,466	43.1
			Subtotal	22,362	13.3	129,127	76.8	16,645	9.9	168,134	100.0
	8/19	117	M	3,657	4.3	42,858	50.4	3,657	4.3	50,171	59.0
	(8/19,22)		F	1,446	1.7	29,762	35.0	3,657	4.3	34,864	41.0
			Subtotal	5,102	6.0	72,620	85.4	7,313	8.6	85,035	100.0
	8/29	159	M	3,004	5.7	18,867	35.8	1,318	2.5	23,189	44.0
	(8/26,29,9/1)		F	1,634	3.1	24,559	46.6	3,320	6.3	29,513	56.0
			Subtotal	4,638	8.8	43,426	82.4	4,638	8.8	52,702	100.0

Appendix F.1. Age and sex of coho salmon from the District 1 commercial fishery. [ab] (page 6 of 11)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	Season	565	M	38,581	8.5	196,322	43.1	17,041	3.7	251,944	55.3
			F	17,424	3.8	164,635	36.2	21,266	4.7	203,325	44.7
			Total	56,005	12.3	360,957	79.3	38,307	8.4	455,269	100.0
1996	7/19	144	M	497	0.7	28,301	39.6	0	0.0	28,798	40.3
	(6/17,20,24,7/2,		F	497	0.7	42,204	59.0	0	0.0	42,700	59.7
	5,8,12,16,19,22)		Subtotal	993	1.4	70,505	98.6	0	0.0	71,498	100.0
	7/29	153	M	4,985	1.3	199,402	52.3	0	0.0	204,387	53.6
	(7/25,29,31)		F	2,493	0.7	171,984	45.1	2,493	0.7	176,969	46.4
			Subtotal	7,478	2.0	371,386	97.4	2,493	0.7	381,356	100.0
	8/7	152	M	10,215	3.3	167,520	53.9	2,043	0.7	179,778	57.9
	(8/3,7,10)		F	2,043	0.7	128,704	41.4	0	0.0	130,747	42.1
			Subtotal	12,258	3.9	296,225	95.4	2,043	0.7	310,525	100.0
	8/16	60	M	1,984	1.7	39,688	33.3	3,969	3.3	45,642	38.3
	(8/13,16)		F	13,891	11.7	57,548	48.3	1,984	1.7	73,423	61.7
			Subtotal	15,875	13.3	97,236	81.7	5,953	5.0	119,065	100.0
	8/23	157	M	2,430	5.1	16,402	34.4	304	0.6	19,136	40.1
	(8/20,23,26)		F	1,215	2.5	26,122	54.8	1,215	2.5	28,551	59.9
			Subtotal	3,645	7.6	42,523	89.2	1,519	3.2	47,687	100.0
	Season	666	M	20,111	2.2	451,313	48.5	6,315	0.7	477,739	51.4
			F	20,138	2.2	426,562	45.9	5,692	0.6	452,392	48.6
			Total	40,248	4.3	877,875	94.4	12,007	1.3	930,131	100.0
1997 [d,c]	7/31 [e]	200	M							9,876	66.0
	(7/31)		F							5,087	34.0
			Subtotal							14,963	100.0
	8/6	176	M	223	0.6	18,831	50.6	0	0.0	19,017	51.1
	(8/6)		F	186	0.5	16,710	44.9	1,265	3.4	18,199	48.9
			Subtotal	409	1.1	35,541	95.5	1,265	3.4	37,216	100.0
	8/12 [e]	200	M							24,706	44.0
	(8/12)		F							31,443	56.0
			Subtotal							56,149	100.0
	8/18	148	M	298	1.4	8,488	39.9	298	1.4	9,062	42.6
	(8/18)		F	425	2.0	11,211	52.7	574	2.7	12,211	57.4
			Subtotal	723	3.4	19,699	92.6	872	4.1	21,273	100.0
	Season	324	M							62,661	48.3
			F							66,940	51.7
			Total							129,601	100.0
1998 [d]	7/27 [e,f]	132	M	167	0.8	13,419	60.6	334	1.5	13,930	62.9
	(7/3,11,22,27)		F	99	0.4	7,915	35.7	197	0.9	8,224	37.1
			Subtotal	266	1.2	21,334	96.3	532	2.4	22,154	100.0

Appendix F.1. Age and sex of coho salmon from the District 1 commercial fishery. [ab] (page 7 of 11)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	8/1	164	M	327	1.2	15,029	56.1	163	0.6	15,519	57.9
	(8/1)		F	0	0.0	10,782	40.2	490	1.8	11,272	42.1
			Subtotal	327	1.2	25,811	96.3	653	2.4	26,791	100.0
	8/6 [e,f]	137	M	1,265	2.8	18,696	41.4	120	0.3	20,093	44.5
	(8/6)		F	1,578	3.5	23,318	51.7	150	0.3	25,035	55.5
			Subtotal	2,843	6.3	42,014	93.1	271	0.6	45,128	100.0
	8/11	160	M	1,461	2.5	25,196	43.1	365	0.6	27,022	46.3
	(8/11)		F	2,191	3.8	29,213	50.0	0	0.0	31,404	53.7
			Subtotal	3,652	6.3	54,409	93.1	365	0.6	58,426	100.0
	8/17	182	M	761	2.2	16,939	48.9	952	2.7	18,652	53.8
	(8/17)		F	1,142	3.3	14,275	41.2	571	1.7	15,988	46.2
			Subtotal	1,903	5.5	31,214	90.1	1,523	4.4	34,640	100.0
	8/22 [e,f]	222	M	493	2.6	8,070	42.6	394	2.1	8,956	47.3
	(8/22)		F	549	2.9	8,991	47.5	439	2.3	9,980	52.7
			Subtotal	1,041	5.5	17,061	90.1	833	4.4	18,936	100.0
	8/29 [e,f]	197	M	105	2.6	1,722	42.1	84	2.1	1,911	46.7
	(8/29)		F	120	2.9	1,966	48.0	96	2.3	2,182	53.3
			Subtotal	225	5.5	3,688	90.1	180	4.4	4,093	100.0
	Season	1,194	M	4,579	2.2	99,072	47.1	2,413	1.1	106,083	50.5
			F	5,678	2.7	96,460	45.9	1,944	0.9	104,085	49.5
			Total	10,258	4.9	195,532	93.0	4,357	2.1	210,168	100.0
1999	8/7 [d]	151	M	938	4.0	10,781	45.7	1,563	6.6	13,281	56.3
	(8/7)		F	156	0.6	8,593	36.4	1,562	6.6	10,312	43.7
	Season		Total	1,094	4.6	19,374	82.1	3,125	13.2	23,593	100.0
2000 [d]	8/1	170	M	527	2.1	10,698	41.7	229	0.9	11,455	44.7
	(8/1,4-5)		F	652	2.5	13,235	51.7	283	1.1	14,169	55.3
			Subtotal	1,179	4.6	23,933	93.4	512	2.0	25,624	100.0
	8/4 [e,f]	241	M	1,209	2.4	24,551	48.8	526	1.0	26,277	52.3
			F	1,103	2.2	22,392	44.6	479	1.0	23,983	47.7
			Subtotal	2,312	4.6	46,943	93.4	1,005	2.0	50,260	100.0
	8/5 [e,f]	250	M	737	2.3	14,970	46.7	321	1.0	16,028	50.0
			F	737	2.3	14,970	46.7	321	1.0	16,028	50.0
			Subtotal	1,475	4.6	29,940	93.4	641	2.0	32,056	100.0
	8/8 [e,f]	250	M	428	1.6	12,270	45.8	259	1.0	12,957	48.4
			F	456	1.7	13,082	48.9	276	1.0	13,814	51.6
			Subtotal	883	3.3	25,352	94.7	535	2.0	26,771	100.0
	8/9	170	M	377	1.8	10,829	51.8	229	1.1	11,436	54.7
	(8/8-9,12,14)		F	313	1.5	8,968	42.9	189	0.9	9,469	45.3
			Subtotal	690	3.3	19,797	94.7	418	2.0	20,905	100.0

Appendix F.1. Age and sex of coho salmon from the District 1 commercial fishery. [ab] (page 8 of 11)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	8/12 [e,f]	302	M	536	1.4	15,392	41.1	325	0.9	16,245	43.4
			F	700	1.9	20,074	53.6	424	1.1	21,206	56.6
			Subtotal	1,236	3.3	35,466	94.7	749	2.0	37,451	100.0
	8/14 [e,f]	250	M	232	1.4	6,669	39.8	141	0.8	7,042	42.0
			F	321	1.9	9,209	54.9	194	1.2	9,724	58.0
			Subtotal	553	3.3	15,877	94.7	335	2.0	16,766	100.0
	8/17	258	M	84	0.5	5,721	31.9	161	0.9	5,972	33.3
			F	167	0.9	11,460	64.0	323	1.8	11,944	66.7
			Subtotal	251	1.4	17,181	95.9	484	2.7	17,916	100.0
	8/18	214	M	92	0.6	6,328	43.1	178	1.2	6,593	44.9
			F	113	0.8	7,766	52.8	219	1.5	8,104	55.1
			Subtotal	206	1.4	14,094	95.9	397	2.7	14,697	100.0
	8/21	173	M	53	0.6	3,660	42.7	103	1.2	3,818	44.5
			F	67	0.8	4,565	53.2	129	1.5	4,759	55.5
			Subtotal	120	1.4	8,225	95.9	232	2.7	8,577	100.0
	8/22	168	M	27	0.6	1,847	41.1	52	1.2	1,924	42.9
			F	36	0.8	2,458	54.8	69	1.5	2,565	57.1
			Subtotal	63	1.4	4,305	95.9	121	2.7	4,489	100.0
	8/25	170	M	25	0.6	1,724	41.1	49	1.2	1,800	42.9
	(8/17-18,21-22,25)		F	34	0.8	2,295	54.8	65	1.5	2,391	57.1
			Subtotal	59	1.4	4,019	95.9	113	2.7	4,191	100.0
	Season	2,616	M	4,328	1.7	114,661	44.2	2,572	1.0	121,547	46.8
			F	4,697	1.8	130,473	50.2	2,971	1.1	138,156	53.2
			Total	9,026	3.5	245,134	94.4	5,543	2.1	259,703	100.0
2001 [d]	8/3	146	M	1,786	4.8	13,272	35.6	1,787	4.8	16,845	45.2
	(8/3,6)		F	1,021	2.7	15,569	41.8	3,828	10.3	20,418	54.8
			Subtotal	2,807	7.5	28,841	77.4	5,615	15.1	37,263	100.0
	8/11	142	M	4,127	4.2	30,261	31.0	4,814	4.9	39,201	40.1
	(8/8,11,13)		F	2,063	2.1	49,517	50.7	6,878	7.1	58,458	59.9
			Subtotal	6,190	6.3	79,778	81.7	11,692	12.0	97,659	100.0
	8/17	134	M	1,734	3.0	24,270	41.8	1,300	2.3	27,304	47.0
	(8/15,17,20,22,25)		F	2,167	3.7	26,438	45.5	2,167	3.7	30,772	53.0
			Subtotal	3,901	6.7	50,708	87.3	3,467	6.0	58,076	100.0
	Season	422	M	7,647	4.0	67,803	35.2	7,901	4.1	83,350	43.2
			F	5,251	2.7	91,523	47.4	12,873	6.7	109,648	56.8
			Total	12,898	6.7	159,326	82.6	20,774	10.8	192,998	100.0
2002 [d]	8/2	130	M	0	0.0	6,828	50.0	525	3.9	7,353	53.8
	(8/2,5)		F	105	0.8	5,883	43.1	315	2.3	6,303	46.2
			Subtotal	105	0.8	12,711	93.1	840	6.2	13,656	100.0

Appendix F.1. Age and sex of coho salmon from the District 1 commercial fishery. [ab] (page 9 of 11)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	8/8	147	M	249	0.7	15,703	42.9	997	2.7	16,949	46.3
	(8/8-9)		F	249	0.7	18,444	50.3	997	2.7	19,690	53.7
			Subtotal	498	1.4	34,147	93.2	1,994	5.4	36,639	100.0
	8/13	151	M	220	0.7	14,936	45.0	879	2.7	16,035	48.3
	(8/12-13)		F	0	0.0	16,035	48.4	1,098	3.3	17,133	51.7
			Subtotal	220	0.7	30,971	93.4	1,977	6.0	33,168	100.0
	Season	428	M	469	0.6	37,467	44.9	2,401	2.9	40,337	48.3
			F	354	0.4	40,362	48.3	2,410	2.9	43,126	51.7
			Total	823	1.0	77,829	93.2	4,811	5.8	83,463	100.0
2003	Season	0	M								
	Incomplete		F								
			Total								
2004 [d]	7/28	95	M	333	1.1	17,648	55.8	1,665	5.3	19,646	62.1
	(6/30,7/2,6,7,		F	0	0.0	11,655	36.8	333	1.0	11,988	37.9
	28,30,8/2)		Subtotal	333	1.1	29,303	92.6	1,998	6.3	31,634	100.0
	8/3	144	M	0	0.0	41,000	57.7	3,458	4.8	44,458	62.5
	(8/3,5,6)		F	494	0.7	23,217	32.6	2,964	4.2	26,675	37.5
			Subtotal	494	0.7	64,217	90.3	6,422	9.0	71,133	100.0
	8/10	141	M	821	0.7	60,745	52.5	5,746	5.0	67,312	58.2
	(8/9,10,12,13)		F	3,283	2.8	45,148	39.0	0	0.0	48,432	41.8
			Subtotal	4,104	3.5	105,893	91.5	5,746	5.0	115,744	100.0
	8/23	140	M	0	0.0	46,873	39.3	8,522	7.1	55,395	46.4
	(8/16,17,19,		F	0	0.0	53,691	45.0	10,227	8.6	63,918	53.6
	20,23,24)		Subtotal	0	0.0	100,564	84.3	18,749	15.7	119,313	100.0
	8/30	142	M	0	0.0	35,150	36.6	2,704	2.8	37,853	39.4
	(8/27,30,9/2,		F	0	0.0	51,372	53.5	6,759	7.1	58,132	60.6
	4,6,8)		Subtotal	0	0.0	86,522	90.1	9,463	9.9	95,985	100.0
	Season	662	M	1,154	0.2	201,416	46.4	22,095	5.1	224,665	51.8
			F	3,777	0.9	185,083	42.7	20,283	4.7	209,144	48.2
			Total	4,931	1.1	386,499	89.1	42,378	9.8	433,809	100.0
2005 [d]	8/4	136	M	1,886	3.0	25,455	39.7	3,300	5.1	30,640	47.8
	(8/2,4,5,8)		F	1,885	2.9	27,811	43.4	3,771	5.9	33,468	52.2
			Subtotal	3,771	5.9	53,266	83.1	7,071	11.0	64,108	100.0
	8/11	142	M	2,340	4.9	21,065	44.4	2,675	5.7	26,081	54.9
	(8/9,11,15)		F	669	1.4	19,059	40.1	1,672	3.5	21,399	45.1
			Subtotal	3,009	6.3	40,124	84.5	4,347	9.2	47,480	100.0
	8/22	134	M	1,146	3.7	12,384	40.3	688	2.2	14,219	46.3
	(8/22,25,29,9/1)		F	2,523	8.2	13,072	42.5	917	3.0	16,512	53.7
			Subtotal	3,669	11.9	25,456	82.8	1,605	5.2	30,731	100.0

Appendix F.1. Age and sex of coho salmon from the District 1 commercial fishery. [ab] (page 10 of 11)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	Season	412	M	5,373	3.8	58,904	41.4	6,663	4.7	70,939	49.8
			F	5,077	3.5	59,942	42.1	6,360	4.5	71,380	50.2
			Total	10,450	7.3	118,846	83.5	13,023	9.2	142,319	100.0
2006 [d]	8/3	133	M	2,243	7.5	13,458	45.1	1,346	4.5	17,046	57.1
	(8/1,3,4)		F	1,570	5.3	10,317	34.6	897	3.0	12,785	42.9
			Subtotal	3,813	12.8	23,775	79.7	2,243	7.5	29,831	100.0
	8/10	142	M	2,755	6.3	19,283	44.4	306	0.7	22,344	51.4
	(8/7,8,10)		F	3,061	7.1	17,753	40.8	306	0.7	21,120	48.6
			Subtotal	5,816	13.4	37,036	85.2	612	1.4	43,464	100.0
	8/17	136	M	6,606	5.9	44,591	39.7	826	0.7	52,023	46.3
	(8/11,14,15,17,18,		F	9,909	8.8	47,068	41.9	3,303	3.0	60,280	53.7
	21,22,24,25,28,30)		Subtotal	16,515	14.7	91,659	81.6	4,129	3.7	112,303	100.0
	Season	411	M	11,604	6.3	77,332	41.7	2,478	1.4	91,413	49.3
			F	14,540	7.8	75,138	40.5	4,506	2.4	94,185	50.7
			Total	26,144	14.1	152,470	82.2	6,984	3.8	185,598	100.0
2007 [d]	8/3	140	M	391	0.7	26,220	47.9	391	0.7	27,002	49.3
	(8/1,3,6)		F	2,740	5.0	23,480	42.8	1,566	2.9	27,785	50.7
			Subtotal	3,131	5.7	49,700	90.7	1,957	3.6	54,787	100.0
	8/8	156	M	1,281	3.2	15,110	37.8	1,537	3.9	17,927	44.9
	(8/8,10,13)		F	512	1.3	20,744	51.9	768	1.9	22,025	55.1
			Subtotal	1,793	4.5	35,854	89.7	2,305	5.8	39,952	100.0
	8/16	152	M	609	1.3	19,499	42.1	609	1.3	20,718	44.7
	(8/14,16,17,		F	1,524	3.3	22,546	48.7	1,524	3.3	25,592	55.3
	20,22,24)		Subtotal	2,133	4.6	42,045	90.8	2,133	4.6	46,310	100.0
	Season	448	M	2,281	1.6	60,829	43.1	2,537	1.8	65,647	46.5
			F	4,775	3.4	66,770	47.4	3,857	2.7	75,402	53.5
			Total	7,056	5.0	127,599	90.5	6,394	4.5	141,049	100.0

Appendix F.1. Age and sex of coho salmon from the District 1 commercial fishery. [ab] (page 11 of 11)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
2008 [d]	8/6	168	M	1,414	3.0	21,768	45.8	3,675	7.7	26,857	56.5
	(7/19,22,25,30		F	848	1.8	17,528	36.9	2,262	4.8	20,637	43.5
	8/2,4,6,8)		Subtotal	2,262	4.8	39,296	82.7	5,937	12.5	47,494	100.0
	8/13	161	M	2,042	3.7	20,080	36.7	5,105	9.3	27,227	49.7
	(8/11,13,15)		F	1,021	1.9	21,101	38.5	5,446	10.0	27,568	50.3
			Subtotal	3,063	5.6	41,181	75.2	10,551	19.3	54,795	100.0
	8/20	164	M	1,484	3.7	11,627	28.6	3,711	9.2	16,823	41.5
	(8/18,20,22,25)		F	1,237	3.0	19,792	48.8	2,721	6.7	23,750	58.5
			Subtotal	2,721	6.7	31,419	77.4	6,432	15.9	40,573	100.0
	Season	493	M	4,940	3.4	53,476	37.4	12,491	8.7	70,907	49.6
			F	3,106	2.2	58,420	40.9	10,429	7.3	71,955	50.4
			Total	8,046	5.6	111,896	78.3	22,920	16.0	142,862	100.0
2009 [d]	8/1	160	M	1,227	3.8	16,976	51.9	2,250	6.9	20,453	62.5
	(6/23,26,7/1,11,		F	205	0.6	11,249	34.4	818	2.5	12,272	37.5
	7/14,18,28,8/1)		Subtotal	1,432	4.4	28,225	86.3	3,068	9.4	32,725	100.0
	8/8	201	M	1,251	3.5	14,660	40.8	1,251	3.5	17,163	47.8
	(8/4,6,8)		F	1,073	3.0	16,090	44.8	1,609	4.5	18,772	52.2
			Subtotal	2,324	6.5	30,750	85.6	2,860	8.0	35,935	100.0
	8/11	204	M	381	2.4	7,174	46.1	458	2.9	8,013	51.5
	(8/11)		F	153	1.0	7,098	45.6	305	2.0	7,556	48.5
			Subtotal	534	3.4	14,272	91.7	763	4.9	15,569	100.0
	8/18	104	M	586	2.9	5,861	28.8	195	1.0	6,642	32.7
	(8/13,16,18,22)		F	391	1.9	12,307	60.6	977	4.8	13,675	67.3
			Subtotal	977	4.8	18,168	89.4	1,172	5.8	20,317	100.0
	Season	669	M	3,446	3.3	44,671	42.7	4,155	4.0	52,272	50.0
			F	1,821	1.7	46,744	44.7	3,709	3.5	52,274	50.0
			Total	5,267	5.0	91,415	87.4	7,864	7.5	104,546	100.0
	Grand	18,552	M	317,542	3.5	4,199,298	46.5	258,690	2.9	4,775,531	52.9
	Total [g]		F	258,853	2.9	3,752,433	41.6	239,524	2.7	4,250,832	47.1
			Total	576,395	6.4	7,951,731	88.1	498,214	5.5	9,026,349	100.0

[a] The number of fish in each stratum age and sex category are derived from the sample percentages; discrepancies in sums are attributed to rounding errors.

[b] The number of fish in "Season" summaries are the strata sums; "Season" percentages are derived from the sums.

[c] Sampling dates do not meet criteria for estimating commercial harvest percentages for some or all of the strata; "Season" is not included in the "Grand Total".

[d] Sex of all fish was confirmed by visual inspection of gonads.

[e] Sex and length information was recorded; no scales were collected.

[f] Age composition was estimated using ages from adjacent aged stratum.

[g] The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums.

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 1 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1991	7/25 (7/25)	M	Mean Length	554	547	588
			Std. Error	-	4	-
			Range	554- 554	465- 604	588- 588
			Sample Size	1	61	1
		F	Mean Length		546	
			Std. Error		5	
			Range		464- 588	
			Sample Size	0	26	0
	8/1 (7/29,8/1)	M	Mean Length	491	542	577
			Std. Error	18	6	18
			Range	407- 535	459- 630	519- 621
			Sample Size	6	48	6
		F	Mean Length	542	546	561
			Std. Error	2	5	3
			Range	540- 545	475- 592	558- 564
			Sample Size	3	29	2
	8/8 (8/5,8,12)	M	Mean Length	539	564	580
			Std. Error	12	5	14
			Range	527- 550	399- 652	527- 625
			Sample Size	2	70	6
		F	Mean Length	529	549	565
			Std. Error	-	7	-
			Range	529- 529	498- 603	565- 565
			Sample Size	1	18	1
	8/14		Length data is not available; suspected error with fish measuring board.			
	8/19 (8/14,19)	M	Mean Length	508	565	545
			Std. Error	37	4	22
			Range	471- 545	521- 596	501- 574
			Sample Size	2	30	3
		F	Mean Length	568	544	537
			Std. Error	14	4	19
			Range	535- 603	479- 613	449- 583
			Sample Size	4	53	6
	8/26 (8/26)	M	Mean Length	593	564	525
			Std. Error	-	5	22
			Range	593- 593	506- 645	503- 569
			Sample Size	1	40	3
		F	Mean Length	546	552	515
			Std. Error	6	4	39
			Range	524- 563	487- 613	438- 563
			Sample Size	6	46	3

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 2 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	518	560	574
			Range	407- 593	399- 652	501- 625
			Sample Size	12	249	19
		F	Mean Length	546	547	546
			Range	524- 603	464- 613	438- 583
			Sample Size	14	172	12
1992	8/3 (8/3,6)	M	Mean Length	540	552	574
			Std. Error	8	5	-
			Range	481- 592	440- 623	574- 574
			Sample Size	14	63	1
		F	Mean Length	550	559	572
			Std. Error	9	3	6
			Range	520- 578	509- 600	561- 587
			Sample Size	6	63	4
	8/11 (8/11,14)	M	Mean Length	548	568	554
			Std. Error	8	4	12
			Range	492- 594	493- 625	497- 598
			Sample Size	14	79	9
		F	Mean Length	553	564	605
			Std. Error	8	3	-
			Range	513- 580	510- 621	605- 605
			Sample Size	8	80	1
	8/17 (8/17,21)	M	Mean Length	547	579	584
			Std. Error	16	3	11
			Range	438- 598	534- 623	560- 606
			Sample Size	9	50	4
		F	Mean Length	560	565	562
			Std. Error	5	3	16
			Range	530- 590	511- 630	521- 601
			Sample Size	14	72	5
	8/24 (8/27,27)	M	Mean Length	578	565	562
			Std. Error	12	4	21
			Range	483- 623	439- 628	528- 599
			Sample Size	11	62	3
		F	Mean Length	574	564	568
			Std. Error	6	3	9
			Range	523- 614	497- 613	548- 589
			Sample Size	15	60	4

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 3 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/31 (8/31)	M	Mean Length	554	566	536
			Std. Error	9	4	15
			Range	488- 626	496- 638	508- 571
			Sample Size	17	57	4
		F	Mean Length	566	555	560
			Std. Error	7	4	9
			Range	521- 599	500- 619	528- 604
			Sample Size	10	55	8
	Season	M	Mean Length	549	566	561
			Range	438- 626	439- 638	497- 606
			Sample Size	65	311	21
		F	Mean Length	559	563	570
			Range	513- 614	497- 630	521- 605
			Sample Size	53	330	22
1993	7/31 (7/31,8/4)	M	Mean Length	501	533	512
			Std. Error	19	4	9
			Range	461- 562	460- 593	503- 520
			Sample Size	5	73	2
		F	Mean Length	564	544	552
			Std. Error	16	3	11
			Range	548- 579	467- 594	541- 562
			Sample Size	2	69	2
	8/6 (8/6,9,14)	M	Mean Length	555	553	547
			Std. Error	8	5	11
			Range	536- 574	415- 630	527- 575
			Sample Size	5	75	4
		F	Mean Length	531	551	554
			Std. Error	14	3	17
			Range	517- 558	470- 597	537- 570
			Sample Size	3	66	2
	8/21 (8/17,21,25)	M	Mean Length	570	563	569
			Std. Error	20	6	8
			Range	550- 590	427- 649	559- 585
			Sample Size	2	53	3
		F	Mean Length	550	552	
			Std. Error	8	4	
			Range	515- 578	490- 621	
			Sample Size	8	54	0

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 4 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/28	M	Mean Length	534	565	
	(8/28,9/1)		Std. Error	21	5	
			Range	477- 593	477- 625	
			Sample Size	6	48	0
		F	Mean Length	560	549	
			Std. Error	12	4	
			Range	548- 572	502- 608	
			Sample Size	2	56	0
	Season		Mean Length	536	549	546
			Range	461- 593	415- 649	503- 585
			Sample Size	18	249	9
		F	Mean Length	548	549	553
			Range	515- 579	467- 621	537- 570
			Sample Size	15	245	4
1994	7/24	M	Mean Length	541	561	555
	(7/24,26,29)		Std. Error	23	4	13
			Range	508- 605	485- 626	478- 619
			Sample Size	4	69	9
		F	Mean Length	496	552	545
			Std. Error	23	3	11
			Range	473- 519	492- 600	511- 579
			Sample Size	2	51	5
	8/4	M	Mean Length	578	556	580
	(8/4,9)		Std. Error	16	4	7
			Range	535- 632	422- 642	534- 616
			Sample Size	5	101	10
		F	Mean Length	585	558	556
			Std. Error	4	5	18
			Range	581- 588	525- 618	486- 585
			Sample Size	2	20	5
	8/12	M	Mean Length	600	568	567
	(8/12,15)		Std. Error	8	5	11
			Range	579- 624	500- 665	529- 602
			Sample Size	5	44	6
		F	Mean Length	582	567	573
			Std. Error	2	3	13
			Range	580- 584	507- 611	538- 612
			Sample Size	2	70	5

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 5 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/18 (8/18,22)	M	Mean Length	587	583	583
			Std. Error	10	4	12
			Range	538- 642	498- 636	545- 630
			Sample Size	11	59	7
		F	Mean Length	573	568	571
			Std. Error	8	4	8
			Range	546- 605	509- 613	555- 609
			Sample Size	7	46	7
	8/25 (8/25,27)	M	Mean Length	601	586	580
			Std. Error	9	4	14
			Range	584- 626	508- 668	528- 610
			Sample Size	4	66	5
		F	Mean Length	568	572	579
			Std. Error	10	4	9
			Range	530- 600	492- 625	556- 621
			Sample Size	6	45	7
	8/30 (8/30,9/2)	M	Mean Length	583	583	581
			Std. Error	19	4	10
			Range	537- 626	510- 647	548- 610
			Sample Size	4	60	6
		F	Mean Length	583	575	572
			Std. Error	10	3	4
			Range	551- 645	533- 629	564- 579
			Sample Size	8	57	3
	Season	M	Mean Length	583	566	573
			Std. Error	6	2	5
			Sample Size	33	399	43
		F	Mean Length	568	564	564
			Std. Error	4	2	6
			Sample Size	27	289	32
1995	8/4 (7/10,14,18, 21,8/4,8)	M	Mean Length	549	539	548
			Std. Error	12	6	22
			Range	465- 661	435- 620	507- 600
			Sample Size	15	57	4
		F	Mean Length	546	551	549
			Std. Error	7	3	9
			Range	510- 571	500- 602	528- 571
			Sample Size	7	49	5

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 6 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/12 (8/12,16)	M	Mean Length	568	562	545
			Std. Error	8	4	16
			Range	528- 635	496- 618	482- 603
			Sample Size	14	65	7
		F	Mean Length	551	554	556
			Std. Error	15	3	8
			Range	485- 581	495- 610	528- 595
			Sample Size	6	51	8
	8/19 (8/19,22)	M	Mean Length	542	574	586
			Std. Error	21	4	8
			Range	471- 598	484- 644	555- 599
			Sample Size	5	65	5
		F	Mean Length	562	566	560
			Std. Error	13	3	16
			Range	537- 580	498- 615	526- 601
			Sample Size	3	43	5
	8/29 (8/26,29,9/1)	M	Mean Length	575	575	586
			Std. Error	12	7	11
			Range	513- 622	474- 697	568- 619
			Sample Size	9	51	4
		F	Mean Length	566	570	586
			Std. Error	10	3	5
			Range	541- 584	469- 614	553- 603
			Sample Size	4	72	10
	Season	M	Mean Length	558	558	558
			Range	465- 635	469- 615	528- 603
			Sample size	43	238	20
		F	Mean Length	551	558	560
			Range	485- 584	435- 697	482- 619
			Sample size	20	215	28
1996	7/19 (6/17,20,24,7/2, 5,8,12,16,19,22)	M	Mean Length	585	577	
			Std. Error	-	5	
			Range	585- 585	450- 634	
			Sample Size	1	57	0
		F	Mean Length	603	571	
			Std. Error	-	3	
			Range	603- 603	502- 615	
			Sample Size	1	85	0

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 7 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	7/29	M	Mean Length	566	572	
	(7/25,29,31)		Std. Error	17	4	
			Range	549- 583	473- 670	
			Sample Size	2	80	0
		F	Mean Length	560	571	565
			Std. Error	-	3	-
			Range	560- 560	519- 613	565- 565
			Sample Size	1	69	1
	8/7	M	Mean Length	571	569	556
	(8/3,7,10)		Std. Error	3	3	-
			Range	562- 582	482- 633	556- 556
			Sample Size	5	82	1
		F	Mean Length	541	560	
			Std. Error	-	3	
			Range	541- 541	509- 604	
			Sample Size	1	63	0
	8/16	M	Mean Length	614	587	586
	(8/13,16)		Std. Error	-	7	3
			Range	614- 614	517- 624	583- 589
			Sample Size	1	20	2
		F	Mean Length	577	562	553
			Std. Error	13	6	-
			Range	531- 622	477- 598	553- 553
			Sample Size	7	29	1
	8/23	M	Mean Length	599	588	633
	(8/20,23,26)		Std. Error	15	5	-
			Range	514- 645	492- 647	633- 633
			Sample Size	8	54	1
		F	Mean Length	578	580	570
			Std. Error	14	3	7
			Range	547- 609	504- 640	554- 588
			Sample Size	4	86	4
	Season	M	Mean Length	578	573	579
			Range	514- 645	450- 670	556- 633
			Sample size	17	293	4
		F	Mean Length	572	567	562
			Range	531- 622	477- 640	553- 588
			Sample size	14	332	6

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 8 of 21)

Year	Sample Dates (Stratum Dates)		Sex		Age Class 1.1	2.1	3.1
					All lengths for 7/31 are by sex only; fish were not aged.		
1997[b,c]	7/31 [d] (7/31)		M	Mean Length		556	
				Std. Error		3	
				Range		451- 634	
				Sample Size		132	
			F	Mean Length		568	
				Std. Error		3	
				Range		513- 613	
				Sample Size		68	
	(8/6)	1	M	Mean Length	469	563	
				Std. Error	-	4	
				Range	469- 469	464- 637	
				Sample Size	1	88	0
			F	Mean Length	602	572	562
				Std. Error	-	3	12
				Range	602- 602	500- 622	518- 596
				Sample Size	1	79	6
					All lengths for 8/12 are by sex only; fish were not aged.		
	8/12 [d] (8/12)		M	Mean Length		564	
				Std. Error		5	
				Range		453- 639	
				Sample Size		87	
			F	Mean Length		570	
				Std. Error		3	
				Range		496- 640	
				Sample Size		112	
	8/18 (8/18)		M	Mean Length	551	579	513
				Std. Error	32	6	68
				Range	519- 583	485- 652	445- 581
				Sample Size	2	59	2
			F	Mean Length	545	572	585
				Std. Error	14	3	31
				Range	518- 567	503- 628	495- 640
				Sample Size	3	77	4
					All lengths for 7/27 are by sex only; fish were not aged.		
1998	7/27 [c,d] (7/3,11,22,27)		M	Mean Length		549	
				Std. Error		4	
				Range		450- 618	
				Sample Size		83	
			F	Mean Length		559	
				Std. Error		3	
				Range		498- 618	
				Sample Size		49	

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 9 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/1	M	Mean Length	555	546	525
	(8/1)		Std. Error	14	4	-
			Range	540- 569	403- 631	525- 525
			Sample Size	2	92	1
		F	Mean Length		564	570
			Std. Error		3	10
			Range		430- 604	551- 583
			Sample Size	0	66	3
			All lengths for 8/6 are by sex only; fish were not aged.			
	8/6 [d]	M	Mean Length		559	
	(8/6)		Std. Error		5	
			Range		468- 643	
			Sample Size		61	
		F	Mean Length		572	
			Std. Error		3	
			Range		491- 617	
			Sample Size		76	
	8/11	M	Mean Length	568	570	533
	(8/11)		Std. Error	19	5	-
			Range	520- 600	466- 634	533- 533
			Sample Size	4	69	1
		F	Mean Length	586	579	
			Std. Error	6	3	
			Range	565- 603	486- 624	
			Sample Size	6	80	0
	8/17	M	Mean Length	582	580	587
	(8/17)		Std. Error	17	4	21
			Range	551- 615	475- 662	523- 640
			Sample Size	4	89	5
		F	Mean Length	598	578	570
			Std. Error	8	3	8
			Range	562- 613	494- 634	561- 586
			Sample Size	6	75	3
			All lengths for 8/22 are by sex only; fish were not aged.			
	8/22 [d]	M	Mean Length		580	
	(8/22)		Std. Error		4	
			Range		468- 665	
			Sample Size		105	
		F	Mean Length		578	
			Std. Error		3	
			Range		410- 645	
			Sample Size		117	

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 10 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
				All lengths for 8/29 are by sex only; fish were not aged.		
	8/29 [d] (8/29)	M	Mean Length		573	
			Std. Error		4	
			Range		491- 663	
			Sample Size		92	
		F	Mean Length		575	
			Std. Error		3	
			Range		484- 646	
			Sample Size		105	
				All lengths for season summary are by sex only; fish were not aged.		
	Season [d] (unaged)	M	Mean Length		561	
			Range		450- 665	
			Sample Size		341	
		F	Mean Length		571	
			Range		410- 646	
			Sample Size		347	
	Season (aged)	M	Mean Length	571	567	567
			Range	520- 615	403- 662	523- 640
			Sample Size	10	250	7
		F	Mean Length	590	576	570
			Range	562- 613	430- 634	551- 586
			Sample Size	12	221	6
1999	8/7 [c] (8/7) Season	M	Mean Length	521	546	574
			Std. Error	19	4	10
			Range	462- 592	477- 599	522- 614
			Sample Size	6	69	10
		F	Mean Length	499	553	556
			Std. Error	-	3	6
			Range	499- 499	493- 598	514- 589
			Sample Size	1	55	10
2000 [c]	8/1 (8/1,4-5)	M	Mean Length	530	543	583
			Std. Error	14	4	16
			Range	515- 544	480- 625	567- 598
			Sample Size	2	64	2
		F	Mean Length	550	559	548
			Std. Error	10	3	-
			Range	512- 568	493- 627	548- 548
			Sample Size	5	77	1

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 11 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
			All lengths for 8/4 are by sex only; fish were not aged.			
	8/4 [d]	M	Mean Length		561	
			Std. Error		3	
			Range		481- 638	
			Sample Size		126	
		F	Mean Length		558	
			Std. Error		2	
			Range		517- 613	
			Sample Size		115	
			All lengths for 8/5 are by sex only; fish were not aged.			
	8/5 [d]	M	Mean Length		560	
			Std. Error		3	
			Range		457- 639	
			Sample Size		125	
		F	Mean Length		559	
			Std. Error		2	
			Range		407- 611	
			Sample Size		125	
			All lengths for 8/8 are by sex only; fish were not aged.			
	8/8 [d]	M	Mean Length		555	
			Std. Error		4	
			Range		394- 647	
			Sample Size		121	
		F	Mean Length		558	
			Std. Error		3	
			Range		448- 638	
			Sample Size		129	
	8/9	M	Mean Length	563	555	542
	(8/8-9,12,14)		Std. Error	9	4	-
			Range	545- 576	476- 622	542- 542
			Sample Size	3	77	1
		F	Mean Length	531	555	558
			Std. Error	26	3	9
			Range	505- 557	500- 619	549- 566
			Sample Size	2	67	2
			All lengths for 8/12 are by sex only; fish were not aged.			
	8/12 [d]	M	Mean Length		565	
			Std. Error		3	
			Range		488- 694	
			Sample Size		131	
		F	Mean Length		565	
			Std. Error		2	
			Range		431- 691	
			Sample Size		171	

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 12 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
			All lengths for 8/14 are by sex only; fish were not aged.			
	8/14 [d]	M	Mean Length		556	
			Std. Error		4	
			Range		462- 648	
			Sample Size		105	
		F	Mean Length		560	
			Std. Error		2	
			Range		498- 603	
			Sample Size		145	
			All lengths for 8/17 are by sex only; fish were not aged.			
	8/17 [d]	M	Mean Length		563	
			Std. Error		4	
			Range		474- 652	
			Sample Size		86	
		F	Mean Length		564	
			Std. Error		2	
			Range		499- 631	
			Sample Size		172	
			All lengths for 8/18 are by sex only; fish were not aged.			
	8/18 [d]	M	Mean Length		567	
			Std. Error		4	
			Range		434- 651	
			Sample Size		96	
		F	Mean Length		564	
			Std. Error		3	
			Range		462- 654	
			Sample Size		118	
			All lengths for 8/21 are by sex only; fish were not aged.			
	8/21 [d]	M	Mean Length		564	
			Std. Error		4	
			Range		487- 637	
			Sample Size		77	
		F	Mean Length		565	
			Std. Error		3	
			Range		498- 621	
			Sample Size		96	
			All lengths for 8/22 are by sex only; fish were not aged.			
	8/22 [d]	M	Mean Length		567	
			Std. Error		4	
			Range		476- 622	
			Sample Size		72	
		F	Mean Length		562	
			Std. Error		3	
			Range		484- 630	
			Sample Size		96	

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 13 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/25	M	Mean Length	542	576	580
	(8/17-18,21-22,25)		Std. Error	-	6	-
			Range	542- 542	466- 697	580- 580
			Sample Size	1	62	1
		F	Mean Length	589	573	582
			Std. Error	-	3	8
			Range	589- 589	514- 688	574- 598
			Sample Size	1	79	3
			All lengths for season summary are by sex only; fish were not aged.			
	Season [d]	M	Mean Length		561	
	(unaged)		Range		394- 694	
			Sample Size		939	
		F	Mean Length		561	
			Range		407- 691	
			Sample Size		1,167	
	Season	M	Mean Length	548	551	571
	(aged)		Range	515- 576	466- 697	542- 598
			Sample Size	6	203	4
		F	Mean Length	546	559	558
			Range	505- 589	493- 688	548- 598
			Sample Size	8	223	6
2001 [c]	8/3	M	Mean Length	558	551	540
	(8/3,6)		Std. Error	11	5	13
			Range	531- 600	460- 632	490- 596
			Sample Size	7	52	7
		F	Mean Length	554	560	567
			Std. Error	17	3	7
			Range	518- 587	501- 610	512- 605
			Sample Size	4	61	15
	8/11	M	Mean Length	552	575	591
	(8/8,11,13)		Std. Error	24	5	13
			Range	471- 608	488- 641	527- 629
			Sample Size	6	44	7
		F	Mean Length	587	570	582
			Std. Error	8	4	4
			Range	572- 596	431- 650	556- 595
			Sample Size	3	72	10

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 14 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/17	M	Mean Length	580	594	575
	(8/15,17,20,22,25)		Std. Error	10	4	30
			Range	552- 596	501- 654	530- 632
			Sample Size	4	56	3
		F	Mean Length	547	581	586
			Std. Error	16	4	13
			Range	489- 580	520- 635	548- 621
			Sample Size	5	61	5
	Season	M	Mean Length	560	577	577
			Range	471- 608	460- 654	490- 632
			Sample Size	17	152	17
		F	Mean Length	564	571	578
			Range	489- 596	431- 650	512- 621
			Sample Size	12	194	30
2002 [c]	8/2	M	Mean Length		555	604
	(8/2,5)		Std. Error		5	10
			Range		455- 627	577- 625
			Sample Size	0	65	5
		F	Mean Length	524	569	559
			Std. Error	-	3	17
			Range	524- 524	526- 617	525- 580
			Sample Size	1	56	3
	8/8	M	Mean Length	524	571	583
	(8/8-9)		Std. Error	-	5	18
			Range	524- 524	482- 658	539- 625
			Sample Size	1	63	4
		F	Mean Length	581	573	584
			Std. Error	-	3	19
			Range	581- 581	492- 635	548- 637
			Sample Size	1	74	4
	8/13	M	Mean Length	574	573	595
	(8/12-13)		Std. Error	-	5	18
			Range	574- 574	491- 667	552- 635
			Sample Size	1	68	4
		F	Mean Length		574	582
			Std. Error		3	8
			Range		479- 639	558- 605
			Sample Size	0	73	5

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 15 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	547	569	592
			Range	524- 574	455- 667	539- 635
			Sample Size	2	196	13
		F	Mean Length	564	573	580
			Range	524- 581	479- 639	525- 637
			Sample Size	2	203	12
2003	Season Incomplete	M	Mean Length			
			Range			
			Sample Size	0	0	0
		F	Mean Length			
			Range			
			Sample Size	0	0	0
2004 [c]	7/28 6/30,7/2,6,7, 28,30,8/2	M	Mean Length	523	535	534
			Std. Error	-	4	13
			Range	523- 523	468- 612	492- 563
			Sample Size	1	53	5
		F	Mean Length		543	556
			Std. Error		4	-
			Range		492- 596	556- 556
			Sample Size	0	35	1
	8/3 8/3,5,6	M	Mean Length		554	559
			Std. Error		3	14
			Range		480- 620	505- 595
			Sample Size	0	83	7
		F	Mean Length	580	560	553
			Std. Error	-	4	5
			Range	580- 580	490- 600	535- 575
			Sample Size	1	47	6
	8/10 8/9,10,12,13	M	Mean Length	505	549	564
			Std. Error	-	4	19
			Range	505- 505	431- 627	486- 635
			Sample Size	1	74	7
		F	Mean Length	555	555	
			Std. Error	10	3	
			Range	537- 581	490- 606	
			Sample Size	4	55	0

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 16 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/23	M	Mean Length		539	540
	8/16,17,19,		Std. Error		4	10
	20,23,24		Range		480- 601	488- 567
			Sample Size	0	55	10
		F	Mean Length		541	566
			Std. Error		4	7
			Range		420- 605	520- 602
			Sample Size	0	63	12
	8/30	M	Mean Length		553	552
	8/27,30,9/2,		Std. Error		5	13
	4,6,8		Range		449- 639	526- 581
			Sample Size	0	52	4
		F	Mean Length		558	567
			Std. Error		3	9
			Range		489- 622	517- 599
			Sample Size	0	76	10
	Season	M	Mean Length	510	547	550
			Range	505- 523	431- 639	486- 635
			Sample Size	2	317	33
		F	Mean Length	558	552	564
			Range	537- 581	420- 622	517- 602
			Sample Size	5	276	29
2005 [c]	8/4	M	Mean Length	527	542	561
	(8/2,4,5,8)		Std. Error	28	6	19
			Range	474- 606	450- 616	458- 602
			Sample Size	4	54	7
		F	Mean Length	550	553	549
			Std. Error	11	4	19
			Range	518- 566	473- 609	461- 608
			Sample Size	4	59	8
	8/11	M	Mean Length	565	548	549
	(8/9,11,15)		Std. Error	11	6	6
			Range	530- 600	422- 636	523- 571
			Sample Size	7	63	8
		F	Mean Length	547	554	573
			Std. Error	15	4	13
			Range	532- 562	490- 635	538- 613
			Sample Size	2	57	5

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 17 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/22	M	Mean Length	560	562	572
	(8/22,25,29,9/1)		Std. Error	20	6	8
			Range	500- 623	465- 650	556- 584
			Sample Size	5	54	3
		F	Mean Length	565	562	567
			Std. Error	7	4	5
			Range	529- 622	501- 620	552- 576
			Sample Size	11	57	4
	Season	M	Mean Length	551	548	557
			Range	474- 623	422- 650	458- 602
			Sample Size	16	171	18
		F	Mean Length	557	555	558
			Range	518- 622	473- 635	461- 613
			Sample Size	17	173	17
2006 [c]	8/3	M	Mean Length	524	535	523
	(8/1,3,4)		Std. Error	8	4	16
			Range	489- 564	461- 601	459- 578
			Sample Size	10	60	6
		F	Mean Length	520	527	547
			Std. Error	9	4	5
			Range	487- 549	465- 593	533- 557
			Sample Size	7	46	4
	8/10	M	Mean Length	519	534	587
	(8/7,8,10)		Std. Error	10	4	-
			Range	478- 562	440- 631	587- 587
			Sample Size	9	63	1
		F	Mean Length	522	545	587
			Std. Error	14	3	-
			Range	439- 570	497- 602	587- 587
			Sample Size	10	58	1
	8/17	M	Mean Length	545	539	511
	(8/11,14,15,17,18,		Std. Error	10	4	-
	21,22,24,25,28,30)		Range	513- 600	460- 590	511- 511
			Sample Size	8	54	1
		F	Mean Length	550	544	548
			Std. Error	7	3	12
			Range	510- 594	490- 592	525- 580
			Sample Size	12	57	4

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 18 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	535	537	527
			Range	478- 600	440- 631	459- 587
			Sample Size	27	177	8
		F	Mean Length	541	542	550
			Range	439- 594	465- 602	525- 587
			Sample Size	29	161	9
2007 [c]	8/3 (8/1,3,6)	M	Mean Length	530	544	597
			Std. Error	-	4	-
			Range	530- 530	482- 606	597- 597
			Sample Size	1	67	1
		F	Mean Length	539	540	560
			Std. Error	10	3	3
			Range	500- 588	495- 585	551- 564
			Sample Size	7	60	4
	8/8 (8/8,10,13)	M	Mean Length	549	542	562
			Std. Error	17	4	19
			Range	484- 581	474- 617	490- 618
			Sample Size	5	59	6
		F	Mean Length	516	547	551
			Std. Error	14	3	16
			Range	502- 529	491- 590	526- 581
			Sample Size	2	81	3
	8/16 (8/14,16,17, 20,22,24)	M	Mean Length	577	558	539
			Std. Error	43	4	18
			Range	534- 619	492- 637	521- 556
			Sample Size	2	64	2
		F	Mean Length	536	557	554
			Std. Error	10	3	11
			Range	502- 564	502- 598	521- 584
			Sample Size	5	74	5
	Season	M	Mean Length	553	548	561
			Range	484- 619	474- 637	490- 618
			Sample Size	8	190	9
		F	Mean Length	535	548	556
			Range	500- 588	491- 598	521- 584
			Sample Size	14	215	12

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 19 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2008 [c]	8/6 (7/19,22,25,30 8/2,4,6,8)	M	Mean Length	550	555	560
			Std. Error	6	3	5
			Range	536- 572	480- 602	522- 592
			Sample Size	5	77	13
		F	Mean Length	566	555	555
			Std. Error	3	2	5
			Range	562- 572	516- 590	535- 577
			Sample Size	3	62	8
	8/13 (8/11,13,15)	M	Mean Length	545	555	543
			Std. Error	15	4	7
			Range	483- 593	454- 607	483- 579
			Sample Size	6	59	15
		F	Mean Length	555	557	559
			Std. Error	9	2	5
			Range	541- 572	513- 592	525- 605
			Sample Size	3	62	16
	8/20 (8/18,20,22,25)	M	Mean Length	565	555	558
			Std. Error	10	5	7
			Range	531- 599	473- 630	508- 618
			Sample Size	6	47	15
		F	Mean Length	558	549	554
			Std. Error	13	3	6
			Range	517- 595	482- 600	526- 592
			Sample Size	5	80	11
	Season	M	Mean Length	553	555	552
			Range	483- 599	454- 630	483- 618
			Sample Size	17	183	43
		F	Mean Length	559	554	557
			Range	517- 595	482- 600	525- 605
			Sample Size	11	204	35
2009 [c]	8/1 (6/23,26,7/1,11, 7/14,18,28,8/1)	M	Mean Length	549	548	565
			Std. Error	11	4	8
			Range	496- 574	458- 629	533- 628
			Sample Size	6	83	11
		F	Mean Length	493	555	551
			Std. Error	-	3	3
			Range	493- 493	506- 623	542- 558
			Sample Size	1	55	4

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 20 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/8 (8/4,6,8)	M	Mean Length	573	566	543
			Std. Error	11	4	22
			Range	517- 597	447- 697	461- 618
			Sample Size	7	82	7
		F	Mean Length	572	568	581
			Std. Error	10	2	4
			Range	553- 619	508- 614	569- 601
			Sample Size	6	90	9
	8/11 (8/11)	M	Mean Length	587	562	560
			Std. Error	11	4	22
			Range	553- 617	480- 637	486- 603
			Sample Size	5	94	6
		F	Mean Length	562	567	558
			Std. Error	14	3	11
			Range	548- 575	471- 643	532- 577
			Sample Size	2	93	4
	8/18 (8/13,16,18,22)	M	Mean Length	588	575	592
			Std. Error	18	6	.
			Range	554- 614	507- 638	592- 592
			Sample Size	3	30	1
		F	Mean Length	587	568	564
			Std. Error	10	4	18
			Range	577- 597	480- 684	503- 599
			Sample Size	2	63	5
	Season	M	Mean Length	569	560	559
			Range	496- 617	447- 697	461- 628
			Sample Size	21	289	25
		F	Mean Length	565	565	568
			Range	493- 619	471- 684	503- 601
			Sample Size	11	301	22

Appendix F.2. Mean length (mm) of coho salmon from the District 1 commercial fishery. [a] (page 21 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Grand Total [e]	M	Mean Length	549	558	563
			Range	407- 645	399- 697	461- 640
			Sample size	320	3,936	303
		F	Mean Length	558	559	562
			Range	473- 645	430- 697	438- 621
			Sample size	264	3,754	282

[a] "Season" mean lengths are weighted by the commercial harvest in each stratum.

[b] Sampling dates do not meet criteria for estimating commercial harvest percentages for some or all of the strata; "Season" is not included in the "Grand Total".

[c] Sex of all fish was confirmed by visual inspection of gonads.

[d] Sex and length information was recorded; no scales were collected.

[e] "Grand Total" mean lengths are simple averages of the "Season" mean lengths.

Appendix F.3. Age and sex of coho salmon from the District 4 commercial fishery. [ab] (page 1 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
1990	8/1	40	M	34	2.5	841	62.5	0	0.0	875	65.0
	(7/9,16,19-21,23-28,		F	67	5.0	404	30.0	0	0.0	471	35.0
	30-31,8/1-2)		Subtotal	101	7.5	1,245	92.5	0	0.0	1,346	100.0
	8/3	82	M	14	2.4	346	58.5	36	6.1	397	67.1
	(8/3)		F	7	1.2	137	23.2	50	8.5	195	32.9
			Subtotal	21	3.6	484	81.7	87	14.6	592	100.0
	8/6	86	M	145	7.0	1,154	55.8	48	2.3	1,346	65.1
	(8/6)		F	24	1.2	674	32.6	24	1.2	722	34.9
			Subtotal	169	8.2	1,828	88.4	72	3.5	2,068	100.0
	8/8	47	M	44	2.1	1,240	59.6	177	8.5	1,460	70.2
	(8/8)		F	0	0.0	576	27.7	44	2.1	620	29.8
			Subtotal	44	2.1	1,816	87.3	220	10.6	2,080	100.0
	8/13	140	M	41	0.7	3,259	52.9	178	2.9	3,478	56.4
	(8/13)		F	222	3.6	2,287	37.1	178	2.9	2,687	43.6
			Subtotal	263	4.3	5,547	90.0	355	5.8	6,165	100.0
	8/18	140	M	266	2.9	4,775	52.1	394	4.3	5,435	59.3
	(8/16,18,20)		F	394	4.3	3,208	35.0	128	1.4	3,730	40.7
			Subtotal	660	7.2	7,983	87.1	522	5.7	9,165	100.0
	8/23	72	M	154	2.8	2,218	40.3	154	2.8	2,526	45.8
	(8/23,25,27)		F	154	2.8	2,678	48.6	154	2.8	2,985	54.2
			Subtotal	307	5.6	4,896	88.9	307	5.6	5,510	100.0
	Season	607	M	697	2.6	13,834	51.4	986	3.7	15,517	57.6
			F	868	3.2	9,964	37.0	578	2.1	11,410	42.4
			Total	1,565	5.8	23,798	88.4	1,564	5.8	26,926	100.0
1991	7/29,31,8/2	52	M	103	7.7	668	50.0	26	1.9	796	59.6
	(7/15,17,19,		F	77	5.8	437	32.7	26	1.9	540	40.4
	22,24,26,29)		Subtotal	180	13.5	1,105	82.7	51	3.8	1,336	100.0
	8/5	59	M	39	10.2	157	40.7	33	8.5	230	59.3
	(8/5)		F	20	5.1	125	32.2	13	3.4	158	40.7
			Subtotal	59	15.3	282	72.9	46	11.9	387	100.0
	8/9	71	M	181	9.9	826	45.1	103	5.6	1,110	60.6
	(8/9)		F	77	4.2	568	31.0	77	4.2	721	39.4
			Subtotal	258	14.1	1,393	76.1	179	9.8	1,831	100.0
	8/14	81	M	403	13.6	1,499	50.6	255	8.6	2,157	72.8
	(8/14)		F	145	4.9	587	19.8	74	2.5	806	27.2
			Subtotal	548	18.5	2,086	70.4	329	11.1	2,963	100.0
	8/16	79	M	426	7.6	2,195	39.2	426	7.6	3,046	54.4
	(8/16)		F	354	6.3	1,984	35.4	214	3.8	2,552	45.6
			Subtotal	779	13.9	4,179	74.6	640	11.4	5,599	100.0

Appendix F.3. Age and sex of coho salmon from the District 4 commercial fishery. [ab] (page 2 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	8/19	76	M	403	6.6	2,726	44.7	159	2.6	3,287	53.9
	(8/19)		F	561	9.2	1,848	30.3	403	6.6	2,812	46.1
			Subtotal	964	15.8	4,574	75.0	561	9.2	6,099	100.0
	8/21	39	M	106	2.6	2,191	53.8	208	5.1	2,505	61.5
	(8/21)		F	106	2.6	1,356	33.3	106	2.6	1,568	38.5
			Subtotal	212	5.2	3,548	87.1	314	7.7	4,073	100.0
	8/23	78	M	260	1.3	6,241	30.8	1,560	7.7	8,061	39.7
	(8/23,26,28,31,9/2)		F	2,340	11.5	8,321	41.0	1,560	7.7	12,222	60.3
			Subtotal	2,600	12.8	14,562	71.8	3,120	15.4	20,283	100.0
	Season	535	M	1,920	4.5	16,504	38.8	2,768	6.5	21,192	49.8
			F	3,680	8.6	15,225	35.8	2,473	5.8	21,378	50.2
			Total	5,600	13.2	31,729	74.5	5,241	12.3	42,571	100.0
1992	8/5	144	M	1,285	9.0	6,640	46.5	500	3.5	8,425	59.0
	(7/17,20,22,24,		F	985	6.9	4,655	32.6	200	1.4	5,841	40.9
	27,29,31,8/3,5,7)		Subtotal	2,271	15.9	11,295	79.1	700	4.9	14,280	99.9
	8/10	149	M	2,874	10.7	10,638	39.6	725	2.7	14,237	53.0
	(8/10,12,14)		F	1,263	4.7	10,450	38.9	913	3.4	12,626	47.0
			Subtotal	4,137	15.4	21,087	78.5	1,639	6.1	26,863	100.0
	8/19	152	M	2,437	9.9	9,553	38.8	487	2.0	12,477	50.7
	(8/17,19,21)		F	1,938	7.9	9,718	39.5	487	2.0	12,143	49.3
			Subtotal	4,375	17.8	19,270	78.3	975	4.0	24,620	100.0
	8/24	145	M	1,996	9.7	8,828	42.8	138	0.7	10,962	53.1
	(8/24,26,28,		F	1,858	9.0	7,823	37.9	0	0.0	9,681	46.9
	31,9/2,4,7)		Subtotal	3,854	18.7	16,651	80.7	138	0.7	20,641	100.0
	Season	590	M	8,593	9.9	35,659	41.3	1,851	2.1	46,102	53.4
			F	6,043	7.0	32,645	37.8	1,601	1.9	40,289	46.6
			Total	14,636	16.9	68,304	79.1	3,452	4.0	86,404	100.0
1993	7/30	85	M	61	3.5	920	52.9	123	7.1	1,104	63.5
	(7/16,19,21,		F	0	0.0	614	35.3	21	1.2	635	36.5
	23,26,28,30)		Subtotal	61	3.5	1,534	88.2	144	8.3	1,739	100.0
	8/2	93	M	214	3.2	3,737	55.9	0	0.0	3,951	59.1
	(8/2,6)		F	74	1.1	2,514	37.6	147	2.2	2,735	40.9
			Subtotal	287	4.3	6,251	93.5	147	2.2	6,686	100.0
	8/11	122	M	188	1.6	5,319	45.9	382	3.3	5,890	50.8
	(8/9,11,16,18,20,		F	188	1.6	5,414	46.7	97	0.8	5,699	49.2
	23,25,28,9/1,3,6)		Subtotal	375	3.2	10,734	92.6	480	4.1	11,589	100.0
	Season	300	M	463	2.3	9,977	49.8	506	2.5	10,945	54.7
			F	261	1.3	8,542	42.7	265	1.3	9,069	45.3
			Total	724	3.6	18,519	92.5	771	3.9	20,014	100.0

Appendix F.3. Age and sex of coho salmon from the District 4 commercial fishery. [ab] (page 3 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
1994	8/3	103	M	85	4.9	996	57.3	17	1.0	1,098	63.1
	(7/11,13,15,18,20,22,		F	17	1.0	624	35.9	0	0.0	641	36.9
	25,27,29,8/1,3,5,8)		Subtotal	102	5.9	1,620	93.2	17	1.0	1,739	100.0
	8/17	186	M	217	3.2	3,072	45.9	108	1.6	3,397	50.8
	(8/10,12,15,17,19,22)		F	181	2.7	3,000	44.9	108	1.6	3,289	49.2
			Subtotal	398	5.9	6,072	90.8	217	3.2	6,686	100.0
	8/31	140	M	243	2.1	4,717	40.7	0	0.0	4,960	42.8
	(8/24,26,29,31,		F	579	5.0	5,551	47.9	498	4.3	6,629	57.2
	9/2,5,7)		Subtotal	823	7.1	10,268	88.6	498	4.3	11,589	100.0
	Season	429	M	545	2.7	8,785	43.9	125	0.6	9,455	47.2
			F	777	3.9	9,175	45.8	607	3.0	10,559	52.8
			Total	1,322	6.6	17,960	89.7	732	3.7	20,014	100.0
1995	8/2	109	M	290	5.5	2,417	45.9	96	1.8	2,804	53.2
	(7/19,21,24,26,		F	290	5.5	2,078	39.4	96	1.8	2,464	46.8
	28,31,8/2		Subtotal	579	11.0	4,495	85.3	193	3.7	5,268	100.0
	8/4	79	M	270	6.3	2,121	49.4	270	6.3	2,662	62.0
	(8/4)		F	163	3.8	1,412	32.9	56	1.3	1,631	38.0
			Subtotal	434	10.1	3,533	82.3	326	7.6	4,293	100.0
	8/7	72	M	318	6.9	2,755	59.7	0	0.0	3,073	66.6
	(8/7)		F	129	2.8	1,412	30.6	0	0.0	1,541	33.4
			Subtotal	448	9.7	4,166	90.3	0	0.0	4,614	100.0
	8/9	81	M	1,624	11.1	6,851	46.9	903	6.2	9,377	64.2
	(8/9,11)		F	180	1.2	4,868	33.3	180	1.2	5,227	35.8
			Subtotal	1,804	12.4	11,718	80.2	1,082	7.4	14,604	100.0
	8/16	74	M	92	1.4	4,115	60.8	92	1.4	4,299	63.5
	(8/14,16)		F	276	4.1	1,828	27.0	365	5.4	2,470	36.5
			Subtotal	368	5.4	5,943	87.8	457	6.8	6,767	100.0
	8/18	82	M	358	6.1	2,007	34.1	72	1.2	2,437	41.5
	(8/18)		F	216	3.7	3,083	52.4	143	2.4	3,442	58.5
			Subtotal	574	9.8	5,090	86.6	215	3.7	5,879	100.0
	8/21	94	M	206	4.3	2,355	48.9	154	3.2	2,715	56.4
	(8/21)		F	0	0.0	2,050	42.6	51	1.1	2,101	43.6
			Subtotal	206	4.3	4,405	91.5	205	4.3	4,816	100.0
	8/23	62	M	958	4.8	6,767	33.9	1,298	6.5	9,023	45.2
	(8/23,25,28,		F	319	1.6	9,662	48.4	958	4.8	10,939	54.8
	30,9/1)		Subtotal	1,278	6.4	16,429	82.3	2,256	11.3	19,962	100.0
	Season	653	M	4,117	6.2	29,388	44.4	2,885	4.4	36,390	55.0
			F	1,573	2.4	26,392	39.9	1,849	2.8	29,814	45.0
			Total	5,690	8.6	55,780	84.3	4,735	7.2	66,203	100.0

Appendix F.3. Age and sex of coho salmon from the District 4 commercial fishery. [ab] (page 4 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
1996	7/27,29	150	M	447	1.3	18,789	56.0	447	1.3	19,683	58.7
	(7/11,13,15,17,20,		F	447	1.3	13,420	40.0	0	0.0	13,868	41.3
	24,27,29,31,8/2)		Subtotal	895	2.7	32,209	96.0	447	1.3	33,551	100.0
	8/7	97	M	1,980	5.2	20,987	54.6	0	0.0	22,967	59.8
	(8/5,7,9)		F	1,188	3.1	13,859	36.1	396	1.0	15,443	40.2
			Subtotal	3,168	8.2	34,846	90.7	396	1.0	38,410	100.0
	8/12,14	159	M	555	2.5	13,320	60.4	139	0.6	14,014	63.5
	(8/12,14,16)		F	971	4.4	7,076	32.1	0	0.0	8,048	36.5
			Subtotal	1,526	6.9	20,397	92.5	139	0.6	22,062	100.0
	8/19,21	150	M	659	2.7	9,878	40.0	329	1.3	10,866	44.0
	(8/19,21,23,26)		F	823	3.3	12,512	50.7	494	2.0	13,829	56.0
			Subtotal	1,482	6.0	22,390	90.7	823	3.3	24,695	100.0
	Season	556	M	3,641	3.1	62,974	53.0	915	0.8	67,530	56.9
			F	3,430	2.9	46,868	39.5	890	0.7	51,188	43.1
			Total	7,071	6.0	109,842	92.5	1,805	1.5	118,718	100.0
1997 [c,d]	8/6	85	M	495	8.2	2,844	47.1	145	2.4	3,478	57.6
	(7/18,21,23,25,		F	0	0.0	2,554	42.3	0	0.0	2,561	42.4
	28,30,8/1,4,6,8)		Subtotal	495	8.2	5,399	89.4	145	2.4	6,039	100.0
	8/13 [e]	200	M							5,118	54.0
	(8/13,15)		F							4,359	46.0
			Subtotal							9,477	100.0
	8/20	146	M	404	2.7	6,364	42.5	105	0.7	6,874	45.9
	(8/18,20,22)		F	314	2.1	7,592	50.7	210	1.4	8,101	54.1
			Subtotal	719	4.8	13,957	93.2	314	2.1	14,975	100.0
	8/25	128	M	9	0.9	451	43.5	18	1.7	478	46.1
	(8/25)		F	9	0.9	539	52.0	10	1.0	558	53.9
			Subtotal	19	1.8	990	95.5	28	2.7	1,036	100.0
	8/28 [e]	117	M							559	41.9
	(8/28)		F							776	58.1
			Subtotal							1,335	100.0
	Season	359	M							16,507	50.2
			F							16,355	49.8
			Total							32,862	100.0
1998 [d]	8/7	122	M	921	4.9	8,437	45.1	153	0.8	9,511	50.8
	(7/13,17,20,22,24,		F	153	0.8	9,051	48.3	0	0.0	9,204	49.2
	27,29,31,8/3,5,7,10)		Subtotal	1,074	5.7	17,488	93.4	153	0.8	18,715	100.0
	8/14	152	M	480	2.0	12,314	50.7	160	0.7	12,953	53.3
	(8/12,14,17)		F	639	2.6	10,554	43.4	160	0.6	11,354	46.7
			Subtotal	1,119	4.6	22,868	94.1	320	1.3	24,307	100.0

Appendix F.3. Age and sex of coho salmon from the District 4 commercial fishery. [ab] (page 5 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	8/24	172	M	648	1.8	11,019	29.6	0	0.0	11,667	31.4
	(8/2,24,26,28,		F	1,945	5.2	23,333	62.8	216	0.6	25,494	68.6
	31,9/2,4,7)		Subtotal	2,593	7.0	34,352	92.4	216	0.6	37,161	100.0
	Season	446	M	2,048	2.6	31,769	39.6	313	0.4	34,131	42.6
			F	2,738	3.4	42,939	53.6	376	0.5	46,052	57.4
			Total	4,786	6.0	74,708	93.2	689	0.9	80,183	100.0
1999 [c]	Season	0	M								
			F								
			Subtotal							6,184	
2000 [d]	7/31	140	M	68	0.7	5,214	55.0	68	0.7	5,349	56.4
	(7/13,8/5)		F	67	0.7	4,063	42.9	0	0.0	4,131	43.6
			Subtotal	135	1.4	9,277	97.9	68	0.7	9,480	100.0
	8/10	145	M	290	1.4	9,726	46.2	145	0.7	10,162	48.3
	(8/7,24)		F	0	0.0	10,597	50.4	290	1.4	10,887	51.7
			Subtotal	290	1.4	20,323	96.6	435	2.1	21,049	100.0
	Season	285	M	358	1.2	14,940	49.0	213	0.7	15,511	50.8
			F	68	0.2	14,660	48.0	290	0.9	15,018	49.2
			Total	426	1.4	29,600	97.0	503	1.6	30,529	100.0
2001 [d]	8/10	145	M	720	7.6	5,234	55.2	523	5.5	6,477	68.3
	(7/23,8/1,3,6,10,13)		F	523	5.5	2,421	25.5	66	0.7	3,010	31.7
			Subtotal	1,243	13.1	7,655	80.7	589	6.2	9,487	100.0
	8/18	139	M	55	0.7	3,746	48.9	331	4.3	4,131	54.0
	(8/15,18,20)		F	55	0.7	3,195	41.7	275	3.6	3,526	46.0
			Subtotal	110	1.4	6,941	90.6	606	7.9	7,657	100.0
	8/24	131	M	32	2.3	561	40.5	42	3.0	635	45.8
	(8/22,24)		F	63	4.6	625	45.0	64	4.6	752	54.2
			Subtotal	95	6.9	1,186	85.5	106	7.6	1,387	100.0
	Season	415	M	807	4.3	9,541	51.5	896	4.8	11,244	60.7
			F	642	3.5	6,241	33.7	405	2.2	7,287	39.3
			Total	1,449	7.8	15,782	85.2	1,301	7.0	18,531	100.0
2002 [d]	8/7	150	M	47	0.7	3,783	54.0	421	6.0	4,250	60.7
	(6/14-8/9)		F	0	0.0	2,476	35.3	280	4.0	2,756	39.3
			Subtotal	47	0.7	6,259	89.3	701	10.0	7,006	100.0
	8/14	159	M	66	0.7	4,196	40.2	656	6.3	4,917	47.2
	(8/12,14,16)		F	65	0.6	4,918	47.2	524	5.0	5,508	52.8
			Subtotal	131	1.3	9,114	87.4	1,180	11.3	10,425	100.0
	8/23	151	M	61	0.7	3,804	41.0	245	2.7	4,111	44.4
	(8/19,21,23,26)		F	123	1.3	4,601	49.7	430	4.6	5,153	55.6
			Subtotal	184	2.0	8,405	90.7	675	7.3	9,264	100.0

Appendix F.3. Age and sex of coho salmon from the District 4 commercial fishery. [ab] (page 6 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	Season	460	M	174	0.7	11,783	44.2	1,322	5.0	13,278	49.7
			F	188	0.7	11,994	44.9	1,234	4.6	13,417	50.3
			Total	362	1.4	23,777	89.1	2,556	9.6	26,695	100.0
2003 [d]	8/1	62	M	179	1.6	5,548	50.0	358	3.2	6,085	54.8
	(7/7,9,11,14,16,		F	358	3.2	3,400	30.6	1,253	11.3	5,011	45.2
	18,8/1,4,6)		Subtotal	537	4.8	8,948	80.6	1,611	14.5	11,096	100.0
	8/8	32	M	0	0.0	8,180	59.4	431	3.1	8,610	62.5
	(8/8,11)		F	861	6.3	3,444	25.0	861	6.3	5,166	37.5
			Subtotal	861	6.3	11,624	84.4	1,292	9.4	13,776	100.0
	8/13	59	M	1,269	5.1	16,499	66.1	1,269	5.1	19,038	76.3
	(8/13,15,18,20,		F	846	3.4	4,231	17.0	846	3.4	5,923	23.7
	22,25,27)		Subtotal	2,115	8.5	20,730	83.1	2,115	8.5	24,961	100.0
	Season	153	M	1,448	2.9	30,227	60.7	2,058	4.1	33,733	67.7
			F	2,065	4.2	11,075	22.2	2,960	6.0	16,100	32.3
			Total	3,513	7.1	41,302	82.9	5,018	10.1	49,833	100.0
2004 [d]	8/4	54	M	1,140	5.6	9,499	46.3	380	1.9	11,019	53.7
	(8/2,4,6,9)		F	380	1.8	8,739	42.6	380	1.8	9,499	46.3
			Subtotal	1,520	7.4	18,238	88.9	760	3.7	20,518	100.0
	8/18	62	M	560	1.6	21,835	62.9	0	0.0	22,395	64.5
	(8/11,13,16,18)		F	1,120	3.2	11,197	32.3	0	0.0	12,317	35.5
			Subtotal	1,680	4.8	33,032	95.2	0	0.0	34,712	100.0
	8/25	70	M	388	1.5	10,479	38.6	0	0.0	10,867	40.0
	(8/20,23,25,27)		F	388	1.4	15,913	58.5	0	0.0	16,301	60.0
			Subtotal	776	2.9	26,392	97.1	0	0.0	27,168	100.0
	Season	186	M	2,088	2.5	41,813	50.8	380	0.5	44,281	53.7
			F	1,888	2.3	35,849	43.5	380	0.4	38,117	46.3
			Total	3,976	4.8	77,662	94.3	760	0.9	82,398	100.0
2005 [d]	8/1	50	M	268	28.0	555	58.0	0	0.0	823	86.0
	(8/1)		F	19	2.0	96	10.0	19	2.0	134	14.0
			Subtotal	287	30.0	651	68.0	19	2.0	957	100.0
	8/3	167	M	249	13.2	882	46.7	0	0.0	1,131	59.9
	(8/3)		F	79	4.2	667	35.3	11	0.6	757	40.1
			Subtotal	328	17.4	1,549	82.0	11	0.6	1,888	100.0
	8/5	138	M	1,119	13.7	4,006	49.3	412	5.1	5,538	68.1
	(8/5,8)		F	177	2.2	2,416	29.7	0	0.0	2,592	31.9
			Subtotal	1,296	15.9	6,422	79.0	412	5.1	8,130	100.0
	8/10	189	M	1,962	8.4	10,545	45.5	736	3.2	13,243	57.1
	(8/10,12,15,17)		F	1,594	6.9	7,603	32.8	735	3.1	9,932	42.9
			Subtotal	3,556	15.3	18,148	78.3	1,471	6.3	23,175	100.0

Appendix F.3. Age and sex of coho salmon from the District 4 commercial fishery. [ab] (page 7 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	8/26	122	M	1,296	7.4	7,052	40.1	144	0.8	8,491	48.4
	(8/19,22,26,30)		F	1,295	7.4	7,196	41.0	576	3.3	9,067	51.6
			Subtotal	2,591	14.8	14,248	81.1	720	4.1	17,558	100.0
	Season	666	M	4,893	9.5	23,040	44.5	1,292	2.5	29,225	56.5
			F	3,165	6.1	17,977	34.8	1,342	2.6	22,483	43.5
			Total	8,058	15.6	41,017	79.3	2,634	5.1	51,708	100.0
2006 [d]	8/2	76	M	271	13.1	1,192	57.9	54	2.6	1,517	73.7
	(7/7,10,17,19,21,		F	108	5.3	434	21.0	0	0.0	542	26.3
	24,26,31,8/2)		Subtotal	379	18.4	1,626	78.9	54	2.6	2,059	100.0
	8/14	108	M	540	4.6	4,963	42.6	216	1.9	5,718	49.1
	(8/14)		F	755	6.5	5,179	44.4	0	0.0	5,934	50.9
			Subtotal	1,295	11.1	10,142	87.0	216	1.9	11,652	100.0
	8/16	132	M	99	6.1	703	43.2	37	2.3	839	51.5
	(8/16)		F	98	6.0	678	41.6	12	0.7	789	48.5
			Subtotal	197	12.1	1,381	84.8	49	3.0	1,628	100.0
	8/18	61	M	1,131	9.9	4,521	39.3	0	0.0	5,652	49.2
	(8/18,21,23,25,		F	565	4.9	5,087	44.3	188	1.6	5,840	50.8
	28,30,9/1)		Subtotal	1,696	14.8	9,608	83.6	188	1.6	11,492	100.0
	Season	377	M	2,039	7.6	11,379	42.4	307	1.1	13,726	51.2
			F	1,528	5.7	11,377	42.4	201	0.8	13,105	48.8
			Total	3,567	13.3	22,756	84.8	508	1.9	26,831	100.0
2007 [d]	8/10	103	M	1,700	8.7	8,121	41.8	189	1.0	10,010	51.5
	(7/14-8/13)		F	1,322	6.8	8,121	41.7	0	0.0	9,443	48.5
			Subtotal	3,022	15.5	16,242	83.5	189	1.0	19,453	100.0
	8/17	121	M	1,135	7.5	6,052	39.7	126	0.9	7,313	47.9
	(8/15-31)		F	1,513	9.9	6,305	41.3	126	0.8	7,944	52.1
			Subtotal	2,648	17.4	12,357	81.0	252	1.7	15,257	100.0
	Season [c]	224	M								49.9
			F								50.1
			Total							34,710	100.0

Appendix F.3. Age and sex of coho salmon from the District 4 commercial fishery. [ab] (page 8 of 8)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
2008 [d]	8/4	163	M	1,471	5.5	13,889	52.1	654	2.5	16,013	60.1
	(7/10 - 8/8)		F	490	1.9	9,477	35.6	653	2.4	10,621	39.9
			Subtotal	1,961	7.4	23,366	87.7	1,307	4.9	26,634	100.0
	8/12	136	M	934	3.7	13,257	52.2	187	0.7	14,377	56.6
	(8/10 - 8/14)		F	373	1.4	10,270	40.4	373	1.5	11,017	43.4
			Subtotal	1,307	5.1	23,527	92.6	560	2.2	25,394	100.0
	8/16	129	M	1,667	8.5	6,063	31.0	455	2.3	8,185	41.9
	(8/16 - 8/18)		F	1,213	6.2	9,397	48.1	758	3.9	11,367	58.1
			Subtotal	2,880	14.7	15,460	79.1	1,213	6.2	19,552	100.0
	8/22	71	M	639	2.8	9,582	42.2	320	1.4	10,540	46.5
	(8/20 - 8/29)		F	1,277	5.7	10,540	46.5	319	1.4	12,137	53.5
			Subtotal	1,916	8.5	20,122	88.7	639	2.8	22,677	100.0
	Season	499	M	4,710	5.0	42,790	45.4	1,615	1.7	49,115	52.1
			F	3,354	3.6	39,684	42.1	2,104	2.2	45,142	47.9
			Total	8,064	8.6	82,474	87.5	3,719	3.9	94,257	100.0
2009 [d]	8/5	198	M		1.5		50.5		3.5		55.6
	(6/15-8/24)		F		0.5		39.4		4.6		44.4
	Season [c]		Total		2.0		89.9		8.1	48,115	100.0
	Grand	7,875	M	38,541	4.2	394,402	43.5	18,433	2.0	484,389	53.4
	Total [f]		F	32,269	3.6	340,608	37.5	17,555	1.9	423,139	46.6
			Total	70,809	7.8	735,010	81.0	35,987	4.0	907,539	100.0

[a] The number of fish in each stratum age and sex category are derived from the sample percentages; discrepancies in sums are attributed to rounding errors.

[b] The number of fish in "Season" summaries are the strata sums; "Season" percentages are derived from the sums.

[c] Sampling dates do not meet criteria for estimating commercial harvest percentages for some or all of the strata; "Season" is not included in the "Grand Total".

[d] Sex of all fish was confirmed by visual inspection of gonads.

[e] Sex and length information was recorded; no scales were collected.

[f] The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums.

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 1 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1996	7/27,29	M	Mean Length	581	584	629
	(7/11,13,15,17,20,		Std. Error	37	5	6
	24,27,29,31,8/2)		Range	544- 617	476- 659	623- 634
			Sample Size	2	84	2
		F	Mean Length	536	588	
			Std. Error	65	4	
			Range	471- 601	490- 636	
			Sample Size	2	60	0
	8/7	M	Mean Length	619	589	
	(8/5,7,9)		Std. Error	13	7	
			Range	569- 639	487- 696	
			Sample Size	5	53	0
		F	Mean Length	560	597	593
			Std. Error	62	4	-
			Range	441- 652	532- 633	593- 593
			Sample Size	3	35	1
	8/12,14	M	Mean Length	605	616	660
	(8/12,14,16)		Std. Error	29	4	-
			Range	525- 652	510- 704	660- 660
			Sample Size	4	96	1
		F	Mean Length	612	607	
			Std. Error	11	6	
			Range	566- 648	412- 660	
			Sample Size	7	51	0
	8/19,21	M	Mean Length	563	605	609
	(8/19,21,23,26)		Std. Error	35	5	13
			Range	473- 634	509- 680	596- 621
			Sample Size	4	60	2
		F	Mean Length	612	599	581
			Std. Error	11	3	9
			Range	592- 652	504- 665	563- 594
			Sample Size	5	76	3
	Season	M	Mean Length	602	596	626

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 2 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
			Range	473- 652	476- 704	596- 660
			Sample size	15	293	5
		F	Mean Length	584	597	587
			Range	441-652	412- 665	563- 594
			Sample size	17	222	4

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 3 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1997 [b,c]	8/6	M	Mean Length	549	568	603
	(7/18,21,23,25,		Std. Error	28	9	33
	28,30,8/1,4,6,8)		Range	414- 623	460- 665	570- 635
			Sample Size	7	40	2
		F	Mean Length		606	
			Std. Error		4	
			Range		548- 655	
			Sample Size	0	36	0
				All lengths for 8/13 are by sex only; fish were not aged.		
	8/13 [d]	M	Mean Length		589	
	(8/13,15)		Std. Error		5	
			Range		355- 679	
			Sample Size		108	
		F	Mean Length		599	
			Std. Error		3	
			Range		529- 678	
			Sample Size		92	
	8/20	M	Mean Length	646	609	635
	(8/18,20,22)		Std. Error	18	5	-
			Range	607- 695	490- 673	635- 635
			Sample Size	4	62	1
		F	Mean Length	610	611	627
			Std. Error	14	4	26
			Range	584- 631	472- 668	601- 652
			Sample Size	3	74	2
	8/25	M	Mean Length	625	603	546
	(8/25)		Std. Error	-	8	4
			Range	625- 625	430- 681	542- 550
			Sample Size	1	50	2
		F	Mean Length	622	601	573
			Std. Error	-	4	-
			Range	622- 622	505- 662	573- 573
			Sample Size	1	56	1

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 4 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
				All lengths for 8/28 are by sex only; fish were not aged.		
	8/28 [d]	M	Mean Length		616	
	(8/28)		Std. Error		6	
			Range		486- 689	
			Sample Size		49	
		F	Mean Length		612	
			Std. Error		4	
			Range		552- 694	
			Sample Size		68	

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 5 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1998 [c]	8/7 (7/13,17,20,22,24, 27,29,31,8/3,5,7,10)	M	Mean Length	553	592	545
			Std. Error	21	6	-
			Range	472- 599	463- 664	545- 545
			Sample Size	6	55	1
		F	Mean Length	601	593	
			Std. Error	-	4	
			Range	601- 601	461- 643	
			Sample Size	1	59	0
	8/14 (8/12,14,17)	M	Mean Length	603	602	489
			Std. Error	25	5	-
			Range	570- 653	486- 682	489- 489
			Sample Size	3	77	1
		F	Mean Length	603	611	528
			Std. Error	23	3	-
			Range	564- 661	570- 654	528- 528
			Sample Size	4	66	1
	8/24 (8/2,24,26,28, 31,9/2,4,7)	M	Mean Length	599	597	
			Std. Error	41	6	
			Range	518- 650	419- 678	
			Sample Size	3	51	0
		F	Mean Length	613	608	557
			Std. Error	6	3	-
			Range	587- 632	533- 676	557- 557
			Sample Size	9	108	1
	Season	M	Mean Length	579	598	516
			Range	472- 653	419- 682	489- 545
			Sample Size	12	183	2
		F	Mean Length	610	606	545
			Range	564- 661	461- 676	528- 557
			Sample Size	14	233	2
1999 [b,c]			No data is available from the 1999 season.			

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 6 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2000 [c]	7/31 (7/13-8/5)	M	Mean Length	556	571	549
			Std. Error	-	5	-
			Range	556- 556	462- 653	549- 549
			Sample Size	1	77	1
		F	Mean Length	599	576	
			Std. Error	-	3	
			Range	599- 599	506- 626	
			Sample Size	1	60	0

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 7 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/10 (8/7,24)	M	Mean Length	583	584	607
			Std. Error	7	6	-
			Range	576- 590	460- 652	607- 607
			Sample Size	2	67	1
		F	Mean Length		585	561
			Std. Error		3	1
			Range		513- 638	560- 561
			Sample Size	0	73	2
	Season	M	Mean Length	578	579	589
			Range	556- 590	460- 653	549- 607
			Sample Size	3	144	2
		F	Mean Length	599	582	561
			Range	599- 599	506- 638	560- 561
			Sample Size	1	133	2
2001 [c]	8/10 (7/23-8/1,3,6, 10,13)	M	Mean Length	576	587	596
			Std. Error	13	5	19
			Range	523- 692	410- 655	483- 643
			Sample Size	11	80	8
		F	Mean Length	595	592	608
			Std. Error	6	4	-
			Range	570- 620	519- 642	608- 608
			Sample Size	8	37	1
	8/18 (8/15,18,20)	M	Mean Length	625	601	580
			Std. Error	-	5	22
			Range	625- 625	477- 679	509- 654
			Sample Size	1	68	6
		F	Mean Length	604	604	614
			Std. Error	-	4	10
			Range	604- 604	529- 650	584- 639
			Sample Size	1	58	5
	8/24 (8/22,24)	M	Mean Length	602	601	567
			Std. Error	13	6	18
			Range	581- 625	473- 678	543- 620

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 8 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
			Sample Size	3	53	4
		F	Mean Length	601	600	614
			Std. Error	7	4	12
			Range	578- 622	534- 664	562- 640
			Sample Size	6	59	6

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 9 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	581	594	589
			Range	523- 692	410- 679	483- 654
			Sample Size	15	201	18
		F	Mean Length	596	599	613
			Range	570- 622	519- 664	562- 640
			Sample Size	15	154	12
2002 [c]	8/7 (6/14-8/9)	M	Mean Length	520	572	579
			Std. Error	-	9	15
			Range	520- 520	684	520- 651
			Sample Size	1	81	9
		F	Mean Length		591	577
			Std. Error		4	10
			Range		506- 652	546- 610
			Sample Size	0	53	6
	8/14 (8/12,14,16)	M	Mean Length	596	605	612
			Std. Error	-	6	13
			Range	596- 596	466- 680	549- 676
			Sample Size	1	64	10
		F	Mean Length	588	611	607
			Std. Error	-	3	6
			Range	588- 588	520- 658	580- 630
			Sample Size	1	75	8
	8/23 (8/19,21,23,26)	M	Mean Length	599	606	632
			Std. Error	-	6	7
			Range	599- 599	494- 675	620- 653
			Sample Size	1	62	4
		F	Mean Length	599	600	615
			Std. Error	5	4	6
			Range	594- 603	456- 670	596- 642
			Sample Size	2	75	7
	Season	M	Mean Length	577	595	605
			Range	520- 599	466- 684	520- 676
			Sample Size	3	207	23

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 10 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
		F	Mean Length	595	603	603
			Range	588- 603	456- 670	546- 642
			Sample Size	3	203	21

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 11 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2003 [c]	8/1 (7/7,9,11,14,16, 18,8/1,4,6)	M	Mean Length	512	580	596
			Std. Error	-	4	21
			Range	512- 512	534- 623	575- 616
			Sample Size	1	31	2
		F	Mean Length	545	571	573
			Std. Error	44	11	16
			Range	501- 589	472- 626	491- 607
			Sample Size	2	19	7
	8/8 (8/8,11)	M	Mean Length		594	534
			Std. Error		10	-
			Range		523- 660	534- 534
			Sample Size	0	19	1
		F	Mean Length	595	577	592
			Std. Error	16	16	32
			Range	579- 610	473- 622	560- 624
			Sample Size	2	8	2
	8/13 (8/13,15,18,20, 22,25,27)	M	Mean Length	518	586	610
			Std. Error	33	9	18
			Range	452- 555	415- 664	575- 636
			Sample Size	3	39	3
		F	Mean Length	570	573	634
			Std. Error	35	14	24
			Range	535- 604	485- 624	610- 657
			Sample Size	2	10	2
	Season	M	Mean Length	517	587	592
			Range	452- 555	415- 664	534- 636
			Sample Size	4	89	6
		F	Mean Length	576.0	574.0	596.0
			Range	501- 610	472- 626	491- 657
			Sample Size	6	37	11
2004 [c]	8/4 (8/2,4,6,9)	M	Mean Length	538	570	610
			Std. Error	16	8	-
			Range	520- 570	480- 635	610- 610

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 12 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
			Sample Size	3	25	1
		F	Mean Length	570	575	560
			Std. Error	-	7	-
			Range	570- 570	510- 635	560- 560
			Sample Size	1	23	1

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 13 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/18	M	Mean Length	520	570	
	(8/11,13,16,18)		Std. Error	-	6	
			Range	520- 520	478- 638	
			Sample Size	1	39	0
		F	Mean Length	569	568	
			Std. Error	21	7	
			Range	548- 590	480- 608	
			Sample Size	2	20	0
	8/25	M	Mean Length	543	579	
	(8/20,23,25,27)		Std. Error	-	6	
			Range	543- 543	512- 639	
			Sample Size	1	27	0
		F	Mean Length	550	581	
			Std. Error	-	5	
			Range	550- 550	515- 647	
			Sample Size	1	41	0
	Season	M	Mean Length	534	572	610
			Range	520- 570	478- 639	610- 610
			Sample Size	5	91	1
		F	Mean Length	565	576	560
			Range	548- 590	480- 647	560- 560
			Sample Size	4	84	1
2005 [c]	8/1	M	Mean Length	543	541	
	(8/1)		Std. Error	14	9	
			Range	436- 600	439- 620	
			Sample Size	14	29	0
		F	Mean Length	558	551	556
			Std. Error	-	18	-
			Range	558- 558	484- 586	556- 556
			Sample Size	1	5	1
	8/3	M	Mean Length	531	551	
	(8/3)		Std. Error	11	6	
			Range	450- 613	369- 628	

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 14 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
			Sample Size	22	78	0
		F	Mean Length	565	566	578
			Std. Error	15	6	-
			Range	530- 636	405- 631	578- 578
			Sample Size	7	59	1

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 15 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/5 (8/5,8)	M	Mean Length	548	545	545
			Std. Error	13	6	18
			Range	450- 641	429- 636	483- 602
			Sample Size	19	68	7
		F	Mean Length	529	567	
			Std. Error	12	5	
			Range	515- 552	485- 622	
			Sample Size	3	41	0
	8/10 (8/10,12,15,17)	M	Mean Length	522	558	558
			Std. Error	13	5	28
			Range	436- 615	462- 644	492- 645
			Sample Size	16	86	6
		F	Mean Length	567	576	574
			Std. Error	9	4	19
			Range	507- 622	516- 669	484- 617
			Sample Size	13	62	6
	8/26 (8/19,22,26,30)	M	Mean Length	547	575	625
			Std. Error	14	7	-
			Range	490- 604	440- 671	625- 625
			Sample Size	9	49	1
		F	Mean Length	599	580	620
			Std. Error	7	3	15
			Range	560- 635	530- 628	586- 660
			Sample Size	9	50	4
	Season	M	Mean Length	536	560	561
			Range	436- 641	369- 671	483- 645
			Sample Size	80	310	14
		F	Mean Length	578	576	594
			Range	507- 636	405- 669	484- 660
			Sample Size	33	217	12
2006 [c]	8/2 (7/7,10,17,19,21, 24,26,31,8/2)	M	Mean Length	499	512	544
			Std. Error	9	6	22
			Range	458- 553	444- 605	522- 565

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 16 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
			Sample Size	10	44	2
		F	Mean Length	497	541	
			Std. Error	19	6	
			Range	447- 530	505- 579	
			Sample Size	4	16	0

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 17 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/14	M	Mean Length	548	544	573
	(8/14)		Std. Error	21	6	24
			Range	492- 624	448- 612	549- 596
			Sample Size	5	46	2
		F	Mean Length	549	544	
			Std. Error	11	4	
			Range	513- 599	455- 610	
			Sample Size	7	48	0
	8/16	M	Mean Length	524	543	536
	(8/16)		Std. Error	7	5	26
			Range	483- 553	449- 644	485- 565
			Sample Size	8	57	3
		F	Mean Length	530	547	538
			Std. Error	6	3	-
			Range	495- 551	493- 594	538- 538
			Sample Size	8	55	1
	8/18	M	Mean Length	501	533	
	(8/18,21,23,25,		Std. Error	23	8	
	28,30,9/1)		Range	401- 552	404- 579	
			Sample Size	6	24	0
		F	Mean Length	520	546	528
			Std. Error	15	5	-
			Range	500- 549	505- 589	528- 528
			Sample Size	3	27	1
	Season	M	Mean Length	515	536	563
			Range	401- 624	404- 644	485- 596
			Sample Size	29	171	7
		F	Mean Length	533	545	529
			Range	447- 599	455- 610	528- 538
			Sample Size	22	146	2
2007 [c]	8/10	M	Mean Length	560	558	586
	(7/14-8/13)		Std. Error	15	5	-
			Range	470- 616	450- 629	586- 586

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 18 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
			Sample Size	9	43	1
		F	Mean Length	557	540	
			Std. Error	8	6	
			Range	525- 586	420- 594	
			Sample Size	7	43	0

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 19 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/17	M	Mean Length	569	556	515
	(8/15-31)		Std. Error	9	6	-
			Range	537- 622	458- 620	515- 515
			Sample Size	9	48	1
		F	Mean Length	560	561	480
			Std. Error	13	4	-
			Range	502- 664	500- 615	480- 480
			Sample Size	12	50	1
	Season [b]	M	Mean Length	564	557	558
			Range	470- 622	450- 629	515- 586
			Sample Size	18	91	2
		F	Mean Length	559	549	480
			Range	502- 664	420- 615	480- 480
			Sample Size	19	93	1
2008		M	Mean Length	547	554	583
	8/4		Range	505- 578	448- 638	535- 636
	(7/10 - 8/8)		Sample Size	9	85	4
		F	Mean Length	545	570	570
			Range	505- 567	521- 622	564- 580
			Sample Size	3	58	4

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 20 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/12 (8/10 - 8/14)	M	Mean Length	542	575	597
			Range	484- 595	429- 654	597- 597
			Sample Size	5	71	1
		F	Mean Length	568	569	558
			Range	551- 584	440- 696	544- 572
			Sample Size	2	55	2
	8/16 (8/16 - 8/18)	M	Mean Length	561	572	589
			Range	509- 596	517- 626	578- 594
			Sample Size	11	40	3
		F	Mean Length	558	572	567
			Range	483- 616	497- 682	514- 620
			Sample Size	8	62	5
	8/22 (8/20 - 8/29)	M	Mean Length	539	579	536
			Range	491- 586	491- 664	536- 536
			Sample Size	2	30	1
		F	Mean Length	547	576	592
			Range	456- 637	511- 626	592- 592
			Sample Size	4	33	1

Appendix F.4. Mean length (mm) of coho salmon from the District 4 commercial fishery. [a] (page 21 of 21)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	550	569	577
			Std. Error	9	3	12
			Range	484- 596	429- 664	535- 636
			Sample Size	27	226	9
		F	Mean Length	553	571	570
			Std. Error	16	2	8
			Range	456- 637	440- 696	514- 620
			Sample Size	17	208	12
2009	8/5 (6/15-8/24)	M	Mean Length	578	560	561
			Range	513- 637	399- 657	501- 638
			Sample Size	3	100	7
	Season [b]	F	Mean Length	564	578	573
			Range	564- 564	508- 629	499- 638
			Sample Size	1	78	9
	Grand Total [e]	M	Mean Length	557	579	583
			Range	472- 653	399- 704	489- 660
			Sample size	193	1,915	87
		F	Mean Length	579	583	576
			Range	441- 661	412- 696	499- 620
			Sample size	132	1,637	79

[a] "Season" mean lengths are weighted by the commercial harvest in each stratum.

[b] Sampling dates do not meet criteria for estimating commercial harvest percentages for some or all of the strata; "Season" is not included in the "Grand Total".

[c] Sex of all fish was confirmed by visual inspection of gonads.

[d] Sex and length information was recorded; no scales were collected.

[e] "Grand Total" mean lengths are simple averages of the "Season" mean lengths.

Appendix F.5. Age and sex of coho salmon from the District 5 commercial fishery. [ab] (page 1 of 6)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
1990	8/10	78	M	126	5.1	1,359	55.1	0	0.0	1,485	60.2
	(7/16,20-21,23-28,30,		F	64	2.6	918	37.2	0	0.0	982	39.8
	8/3,6,8,10,13,16)		Subtotal	190	7.7	2,277	92.3	0	0.0	2,467	100.0
	8/27	172	M	92	1.7	2,761	51.7	124	2.3	2,978	55.8
	(8/20,27,29,9/7)		F	124	2.3	2,110	39.5	124	2.3	2,358	44.2
			Subtotal	217	4.1	4,871	91.3	249	4.7	5,337	100.0
	Season	250	M	218	2.8	4,120	52.8	124	1.6	4,463	57.2
			F	188	2.4	3,027	38.8	124	1.6	3,340	42.8
			Total	407	5.2	7,148	91.6	249	3.2	7,804	100.0
1991	8/5	60	M	25	6.7	251	66.7	25	6.7	302	80.0
	(7/22-27,29-31,		F	0	0.0	75	20.0	0	0.0	75	20.0
	8/1-2,5)		Subtotal	25	6.7	327	86.7	25	6.7	377	100.0
	8/9	21	M	49	9.5	418	81.0	25	4.8	491	95.2
	(8/9)		F	0	0.0	25	4.8	0	0.0	25	4.8
			Subtotal	49	9.5	442	85.8	25	4.8	516	100.0
	8/14	91	M	90	5.5	1,009	61.5	108	6.6	1,208	73.6
	(8/14)		F	36	2.2	343	20.9	54	3.3	433	26.4
			Subtotal	126	7.7	1,352	82.4	162	9.9	1,641	100.0
	8/16	81	M	165	7.4	1,374	61.7	82	3.7	1,621	72.8
	(8/16)		F	27	1.2	577	25.9	0	0.0	605	27.2
			Subtotal	192	8.6	1,951	87.7	82	3.7	2,226	100.0
	8/19	94	M	165	8.5	1,258	64.9	41	2.1	1,463	75.5
	(8/19)		F	41	2.1	371	19.1	63	3.2	474	24.5
			Subtotal	206	10.6	1,629	84.0	103	5.3	1,938	100.0
	8/21	83	M	238	3.6	4,226	63.9	556	8.4	5,020	75.9
	(8/21,26,28,31,9/2)		F	159	2.4	1,435	21.7	0	0.0	1,594	24.1
			Subtotal	397	6.0	5,662	85.6	556	8.4	6,614	100.0
	Season	430	M	732	5.5	8,537	64.1	837	6.3	10,106	75.9
			F	263	2.0	2,826	21.2	117	0.9	3,206	24.1
			Total	995	7.5	11,363	85.4	954	7.2	13,312	100.0
1992	7/30	39	M	19	7.7	106	43.6	0	0.0	125	51.3
	(7/16-17,20-21,		F	6	2.6	106	43.6	6	2.6	118	48.7
	23-24,27-28,30-31)		Subtotal	25	10.3	212	87.2	6	2.6	243	100.0
	8/3	86	M	50	8.1	355	57.0	0	0.0	406	65.1
	(8/3,6)		F	29	4.7	181	29.1	7	1.2	217	34.9
			Subtotal	80	12.8	536	86.1	7	1.2	623	100.0

Appendix F.5. Age and sex of coho salmon from the District 5 commercial fishery. [ab] (page 2 of 6)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	8/14	145	M	287	4.8	3,048	51.0	125	2.1	3,460	57.9
	(8/10,14,17)		F	329	5.5	2,104	35.2	84	1.4	2,516	42.1
			Subtotal	616	10.3	5,151	86.2	209	3.5	5,976	100.0
	8/21	134	M	977	7.5	6,230	47.8	195	1.5	7,403	56.8
	(8/20-21,24,		F	678	5.2	4,861	37.3	91	0.7	5,630	43.2
	27-28,31,9/3-4)		Subtotal	1,655	12.7	11,091	85.1	287	2.2	13,033	100.0
	Season	404	M	1,333	6.7	9,739	49.0	321	1.6	11,393	57.3
			F	1,042	5.2	7,252	36.5	188	0.9	8,482	42.7
			Total	2,375	12.0	16,991	85.5	509	2.6	19,875	100.0
1993	8/9	173	M	20	1.2	794	45.7	60	3.5	875	50.3
	(7/21,23,26,28,		F	50	2.9	763	43.9	50	2.9	864	49.7
	30,8/2,4,6,9)		Subtotal	71	4.1	1,558	89.6	111	6.4	1,739	100.0
	8/13	122	M	167	2.5	3,122	46.7	221	3.3	3,510	52.5
	(8/13,16,18)		F	107	1.6	2,962	44.3	107	1.6	3,176	47.5
			Subtotal	274	4.1	6,084	91.0	328	4.9	6,686	100.0
	8/23	134	M	159	1.4	4,667	40.3	321	2.8	5,147	44.4
	(8/23,26,28,9/1,3)		F	81	0.7	6,200	53.5	162	1.4	6,443	55.6
			Subtotal	240	2.1	10,867	93.8	483	4.2	11,589	100.0
	Season	429	M	346	1.7	8,583	42.9	602	3.0	9,532	47.6
			F	239	1.2	9,925	49.6	320	1.6	10,484	52.4
			Total	585	2.9	18,509	92.5	922	4.6	20,014	100.0
1994	8/5	72	M	555	12.5	2,527	56.9	62	1.4	3,145	70.8
	(7/11-12,14-15,19,21,		F	124	2.8	1,048	23.6	124	2.8	1,297	29.2
	23,25,27,29,8/2,3,5)		Subtotal	680	15.3	3,576	80.5	187	4.2	4,442	100.0
	8/8	75	M	262	5.3	1,646	33.3	331	6.7	2,240	45.3
	(8/8,10)		F	0	0.0	2,439	49.3	264	5.3	2,703	54.7
			Subtotal	262	5.3	4,086	82.6	595	12.0	4,944	100.0
	8/15	136	M	618	2.9	10,660	50.0	469	2.2	11,747	55.1
	(8/12,15,17,19,22)		F	789	3.7	8,783	41.2	0	0.0	9,572	44.9
			Subtotal	1,407	6.6	19,443	91.2	469	2.2	21,319	100.0
	8/31	132	M	1,024	6.1	6,231	37.1	252	1.5	7,507	44.7
	(8/22,24,26,		F	890	5.3	7,759	46.2	638	3.8	9,287	55.3
	29,31,9/2,5,7)		Subtotal	1,915	11.4	13,989	83.3	890	5.3	16,794	100.0
	Season	415	M	2,460	5.2	21,064	44.3	1,114	2.3	24,638	51.9
			F	1,803	3.8	20,030	42.2	1,027	2.2	22,860	48.1
			Total	4,263	9.0	41,094	86.5	2,141	4.5	47,499	100.0

Appendix F.5. Age and sex of coho salmon from the District 5 commercial fishery. [ab] (page 3 of 6)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
1995	8/11	147	M	69	1.4	2,892	57.1	69	1.4	3,031	59.9
	(7/20-21,24,26,28,		F	69	1.4	1,893	37.4	69	1.4	2,032	40.1
	31,8/2,7,11,14,16)		Subtotal	139	2.7	4,785	94.5	139	2.7	5,062	100.0
	8/21	152	M	168	1.3	5,651	44.1	168	1.3	5,986	46.7
	(8/16,18,21,25,		F	256	2.0	6,073	47.4	501	3.9	6,831	53.3
	28,30,9/1)		Subtotal	424	3.3	11,724	91.5	669	5.2	12,813	100.0
	Season	299	M	237	1.3	8,542	47.8	237	1.3	9,017	50.4
			F	326	1.8	7,967	44.6	570	3.2	8,862	49.6
			Total	563	3.1	16,509	92.4	808	4.5	17,875	100.0
1996	8/5	148	M	279	4.1	4,048	58.8	0	0.0	4,327	62.8
	(7/15,18,25,		F	233	3.4	2,280	33.1	47	0.7	2,559	37.2
	27,30,8/5,8)		Subtotal	512	7.4	6,328	91.9	47	0.7	6,886	100.0
	8/12	93	M	615	4.3	5,997	41.9	461	3.2	7,074	49.5
	(8/10,12,14)		F	154	1.1	6,920	48.4	154	1.1	7,227	50.5
			Subtotal	769	5.4	12,917	90.3	615	4.3	14,301	100.0
	8/16	61	M	480	6.6	2,880	39.3	120	1.6	3,480	47.5
	(8/16)		F	120	1.6	3,360	45.9	360	4.9	3,841	52.5
			Subtotal	600	8.2	6,241	85.2	480	6.6	7,321	100.0
	8/21	155	M	593	3.9	5,340	34.8	99	0.6	6,032	39.4
	(8/19,21,23,26)		F	297	1.9	8,702	56.8	297	1.9	9,296	60.6
			Subtotal	890	5.8	14,042	91.6	396	2.6	15,328	100.0
	Season	457	M	1,968	4.5	18,266	41.7	680	1.6	20,913	47.7
			F	803	1.8	21,262	48.5	857	2.0	22,923	52.3
			Total	2,771	6.3	39,528	90.2	1,537	3.5	43,836	100.0
1997 [c,d]	8/11 [e]	80	M							649	61.3
	(7/23,25,28,		F							409	38.7
	8/1,4,8,11,15)		Subtotal							1,058	100.0
	8/20	139	M	74	5.1	755	51.8	32	2.2	860	59.0
	(8/20,22)		F	63	4.3	525	36.0	10	0.7	597	41.0
			Subtotal	137	9.4	1,279	87.8	42	2.9	1,457	100.0
	8/25	132	M	13	2.8	168	36.1	6	1.0	184	39.4
	(8/25)		F	12	2.6	264	56.7	5	0.8	284	60.6
			Subtotal	25	5.4	432	92.8	11	1.8	468	100.0
	Season	271	M							1,693	55.9
			F							1,290	44.1
			Total							2,983	100.0

Appendix F.5. Age and sex of coho salmon from the District 5 commercial fishery. [ab] (page 4 of 6)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
1998 [d]	8/7	68	M	311	8.8	1,556	44.1	52	1.5	1,919	54.4
	(7/15,20,22,24,27,		F	0	0.0	1,556	44.1	52	1.4	1,608	45.6
	29,31,8/3,5,7,10)		Subtotal	311	8.8	3,112	88.2	104	2.9	3,527	100.0
	8/14	87	M	250	4.6	2,809	51.7	125	2.3	3,183	58.6
	(8/12,14,18)		F	312	5.7	1,872	34.5	62	1.1	2,247	41.4
			Subtotal	562	10.3	4,681	86.2	187	3.4	5,430	100.0
	8/24	160	M	461	3.8	4,378	35.6	153	1.3	4,992	40.6
	(8/21,24,26,28,31,		F	768	6.2	6,452	52.5	77	0.6	7,297	59.4
	9/2,4,7)		Subtotal	1,229	10.0	10,830	88.1	230	1.9	12,289	100.0
	Season	315	M	1,022	4.8	8,743	41.2	330	1.6	10,095	47.5
			F	1,080	5.1	9,880	46.5	191	0.9	11,151	52.5
			Subtotal	2,102	9.9	18,623	87.7	521	2.5	21,246	100.0
1999 [d]	8/16	76	M	113	10.5	534	50.0	14	1.3	661	61.8
	(7/23,28,30,8/2,		F	56	5.3	324	30.3	28	2.6	408	38.2
	4,6,9,11,16,18)		Subtotal	169	15.8	858	80.3	42	3.9	1,069	100.0
	8/25	129	M	33	2.3	567	40.3	33	2.3	632	45.0
	(8/25)		F	54	3.9	675	48.1	43	3.1	773	55.0
			Subtotal	87	6.2	1,242	88.4	76	5.4	1,405	100.0
	Season	205	M	145	5.8	1,101	44.5	47	1.9	1,293	52.3
			F	111	4.5	999	40.4	71	2.9	1,181	47.7
			Total	256	10.3	2,100	84.9	118	4.8	2,474	100.0
2000 [d]	8/10	155	M	84	1.3	3,074	47.1	42	0.7	3,200	49.0
	(7/21-8/12)		F	0	0.0	3,284	50.3	42	0.6	3,326	51.0
			Subtotal	84	1.3	6,358	97.4	84	1.3	6,526	100.0
	8/16	143	M	0	0.0	2,836	46.9	0	0.0	2,836	46.9
	(8/14-18)		F	0	0.0	3,132	51.7	85	1.4	3,217	53.1
			Subtotal	0	0.0	5,968	98.6	85	1.4	6,053	100.0
	8/24	141	M	0	0.0	1,361	46.1	42	1.4	1,403	47.5
	(8/21-24)		F	21	0.7	1,465	49.6	63	2.1	1,549	52.5
			Subtotal	21	0.7	2,826	95.7	105	3.5	2,952	100.0
	Season	439	M	84	0.6	7,270	46.8	84	0.6	7,439	47.9
			F	21	0.1	7,882	50.8	190	1.2	8,092	52.1
			Total	105	0.7	15,152	97.6	274	1.8	15,531	100.0
2001 [d]	8/10	124	M	34	1.6	1,216	58.0	67	3.2	1,317	62.9
	(7/23,8/1,3,6,		F	34	1.6	709	33.9	34	1.6	777	37.1
	10,13)		Subtotal	68	3.2	1,925	91.9	101	4.8	2,094	100.0

Appendix F.5. Age and sex of coho salmon from the District 5 commercial fishery. [ab] (page 5 of 6)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
	8/18	145	M	71	1.4	2,288	44.8	176	3.5	2,535	49.7
	(8/15,18,20)		F	211	4.1	2,183	42.8	176	3.4	2,570	50.3
			Subtotal	282	5.5	4,471	87.6	352	6.9	5,105	100.0
	8/24	145	M	14	0.7	988	47.6	29	1.4	1,031	49.7
	(8/22,24)		F	86	4.1	931	44.8	28	1.4	1,045	50.3
			Subtotal	100	4.8	1,919	92.4	57	2.8	2,076	100.0
	Season	414	M	118	1.3	4,492	48.4	272	2.9	4,883	52.6
			F	331	3.5	3,823	41.2	239	2.6	4,392	47.4
			Total	449	4.8	8,315	89.6	511	5.5	9,275	100.0
2002	Season	0		Incomplete							
2003 [d]	8/1	51	M	63	3.9	1,094	68.6	94	5.9	1,250	78.4
	(7/11,14,16,18,		F	31	2.0	312	19.6	0	0.0	344	21.6
	8/1,4,6)		Subtotal	94	5.9	1,406	88.2	94	5.9	1,594	100.0
	8/14	58	M	87	1.7	3,275	63.8	87	1.7	3,450	67.2
	(8/8,13,15)		F	87	1.7	1,417	27.6	180	3.5	1,684	32.8
			Subtotal	175	3.4	4,692	91.4	267	5.2	5,134	100.0
	8/25	0	M								
			F								
			Subtotal							5,930	
	Season [c]	109	M								70.5
			F								29.5
			Total							12,658	100.0
2004 [d]	8/6	51	M	301	9.8	1,506	49.0	301	9.8	2,108	68.6
	(8/2,6,9,11)		F	0	0.0	964	31.4	0	0.0	964	31.4
			Subtotal	301	9.8	2,470	80.4	301	9.8	3,072	100.0
	8/16	55	M	486	5.5	5,184	58.2	324	3.7	5,994	67.3
	(8/13,16,18,20)		F	324	3.6	2,430	27.3	162	1.8	2,916	32.7
			Subtotal	810	9.1	7,614	85.5	486	5.5	8,910	100.0
	8/25	57	M	1,233	10.5	5,135	43.9	0	0.0	6,368	54.4
	(8/23,25,27)		F	616	5.3	4,724	40.3	0	0.0	5,340	45.6
			Subtotal	1,849	15.8	9,859	84.2	0	0.0	11,708	100.0
	Season	163	M	2,020	8.5	11,825	49.9	625	2.6	14,470	61.1
			F	940	4.0	8,118	34.3	162	0.7	9,220	38.9
			Total	2,960	12.5	19,943	84.2	787	3.3	23,690	100.0

Appendix F.5. Age and sex of coho salmon from the District 5 commercial fishery. [ab] (page 6 of 6)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 1.1 Catch	1.1 %	2.1 Catch	2.1 %	3.1 Catch	3.1 %	Total Catch	Total %
2005 [d]	Season [c]	69	M								63.8
			F								36.2
			Subtotal							11,735	100.0
2006	Season		M	No Asl Samples Collected							
			F								
			Subtotal								
2007	Season		M	No Asl Samples Collected							
			F								
			Subtotal								
2008	Season		M	No Asl Samples Collected							
			F								
			Subtotal								
2009 [d]	8/21	43	M		7.0		41.9		2.4		51.2
	(6/22-8/24)		F		4.6		41.8		2.3		48.8
	Season [c]		Total		11.6		83.7		4.7	8,406	100.0
	Grand [a]	4,220	M	10,684	4.4	112,282	46.3	5,274	2.2	128,241	52.9
	Total [f]		F	7,147	2.9	102,992	42.5	4,056	1.7	114,193	47.1
			Total	17,831	7.4	215,273	88.8	9,330	3.8	242,434	100.0

[a] The number of fish in each stratum age and sex category are derived from the sample percentages; discrepancies in sums are attributed to rounding errors.

[b] The number of fish in "Season" summaries are the strata sums; "Season" percentages are derived from the sums.

[c] Sampling dates do not meet criteria for estimating commercial harvest percentages for some or all of the strata; "Season" is not included in the "Grand Total".

[d] Sex of all fish was confirmed by visual inspection of gonads.

[e] Sex and length information was recorded; no scales were collected.

[f] The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums.

Appendix F.6. Mean length (mm) of coho salmon from the District 5 commercial fishery. [a] (page 1 of 8)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
1996	8/5 (7/15,18,25, 27,30,8/5,8)	M	Mean Length	579	602	
			Std. Error	16	5	
			Range	511- 628	471- 676	
			Sample Size	6	87	0
		F	Mean Length	597	594	599
			Std. Error	6	4	-
			Range	580- 616	471- 647	599- 599
			Sample Size	5	49	1
	8/12 (8/10,12,14)	M	Mean Length	638	630	608
			Std. Error	21	5	22
			Range	600- 695	565- 680	570- 645
			Sample Size	4	39	3
		F	Mean Length	640	616	555
			Std. Error	0	4	-
			Range	640- 640	545- 670	555- 555
			Sample Size	1	45	1
	8/16 (8/16)	M	Mean Length	621	621	640
			Std. Error	15	6	-
			Range	595- 650	570- 705	640- 640
			Sample Size	4	24	1
		F	Mean Length	620	622	605
			Std. Error	-	5	13
			Range	620- 620	560- 660	580- 625
			Sample Size	1	28	3
	8/21 (8/19,21,23,26)	M	Mean Length	621	648	630
			Std. Error	23	3	-
			Range	535- 675	600- 690	630- 630
			Sample Size	6	54	1
		F	Mean Length	630	626	615
			Std. Error	10	3	16
			Range	620- 650	560- 680	585- 640
			Sample Size	3	88	3
	Season	M	Mean Length	620	627	617
			Range	511- 695	471- 705	570- 645
			Sample size	20	204	5
		F	Mean Length	621	619	599
			Range	580- 650	471- 680	555- 640
			Sample size	10	210	8

Appendix F.6. Mean length (mm) of coho salmon from the District 5 commercial fishery. [a] (page 2 of 8)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
				All lengths for 8/11 are by sex only; fish were not aged.		
1997 [b,c]	8/11 [d] (7/23,25,28, 8/1,4,8,11,15)	M	Mean Length		591	
			Std. Error		6	
			Range		460- 662	
			Sample Size		49	
		F	Mean Length		613	
			Std. Error		4	
			Range		547- 655	
			Sample Size		31	
	8/20 (8/20,22)	M	Mean Length	611	610	577
			Std. Error	11	6	10
			Range	568- 654	478- 700	560- 593
			Sample Size	7	72	3
		F	Mean Length	602	619	575
			Std. Error	15	4	-
			Range	557- 650	550- 673	575- 575
			Sample Size	6	50	1
	8/25 (8/25)	M	Mean Length	629	608	589
			Std. Error	41	7	-
			Range	550- 685	490- 700	589- 589
			Sample Size	3	40	1
		F	Mean Length	631	622	568
			Std. Error	13	5	-
			Range	604- 647	532- 685	568- 568
			Sample Size	3	61	1
1998 [c]	8/7 (7/15,20,22,24,27, 29,31,8/3,5,7,10)	M	Mean Length	575	592	571
			Std. Error	25	7	-
			Range	513- 665	517- 673	571- 571
			Sample Size	6	30	1
		F	Mean Length		605	638
			Std. Error		6	-
			Range		540- 666	638- 638
			Sample Size	0	30	1

Appendix F.6. Mean length (mm) of coho salmon from the District 5 commercial fishery. [a] (page 3 of 8)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/14 (8/12,14,18)	M	Mean Length	609	610	630
			Std. Error	24	6	10
			Range	549- 657	475- 662	620- 639
			Sample Size	4	45	2
		F	Mean Length	628	596	645
			Std. Error	6	7	-
			Range	609- 641	520- 660	645- 645
			Sample Size	5	30	1
	24-Aug (8/21,24,26,28,31, 9/2,4,7)	M	Mean Length	622	620	640
			Std. Error	11	5	13
			Range	583- 648	510- 674	627- 652
			Sample Size	6	57	2
		F	Mean Length	615	614	646
			Std. Error	9	2	-
			Range	549- 646	543- 667	646- 646
			Sample Size	10	84	1
	Season	M	Mean Length	605	612	625
			Range	513- 665	475- 674	571- 652
			Sample Size	16	132	5
		F	Mean Length	618	609	644
			Range	549- 646	520- 667	638- 646
			Sample Size	15	144	3
1999 [c]	8/16 (7/23,28,30, 8/2,4,6,9,11, 16,18)	M	Mean Length	578	587	583
			Std. Error	20	8	-
			Range	492- 634	452- 678	583- 583
			Sample Size	8	38	1
		F	Mean Length	568	581	560
			Std. Error	10	9	36
			Range	547- 595	470- 618	524- 595
			Sample Size	4	22	2
	8/25 (8/25)	M	Mean Length	567	602	599
			Std. Error	7	5	36
			Range	554- 578	503- 660	527- 642
			Sample Size	3	52	3
		F	Mean Length	578	600	609
			Std. Error	14	4	4
			Range	535- 615	529- 649	602- 622
			Sample Size	5	61	4

Appendix F.6. Mean length (mm) of coho salmon from the District 5 commercial fishery. [a] (page 4 of 8)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	Season	M	Mean Length	576	595	594
			Range	492- 634	452- 678	527- 642
			Sample Size	11	90	4
		F	Mean Length	573	594	589
			Range	535- 615	470- 649	524- 622
			Sample Size	9	83	6
2000 [c]	8/10 (7/21-8/12)	M	Mean Length	518	586	635
			Std. Error	18	5	-
			Range	500- 535	480- 650	635- 635
			Sample Size	2	73	1
		F	Mean Length		587	605
			Std. Error		3	-
			Range		455- 625	605- 605
			Sample Size	0	78	1
	8/16 (8/14-18)	M	Mean Length		610	
			Std. Error		5	
			Range		485- 670	
			Sample Size	0	67	0
		F	Mean Length		603	562
			Std. Error		3	22
			Range		530- 670	540- 583
			Sample Size	0	74	2
	8/24 (8/21-24)	M	Mean Length		625	600
			Std. Error		5	45
			Range		470- 735	555- 645
			Sample Size	0	65	2
		F	Mean Length	600	603	598
			Std. Error	-	3	12
			Range	600- 600	525- 650	580- 620
			Sample Size	1	70	3
	Season	M	Mean Length	518	602	618
			Range	500- 535	470- 735	555- 645
			Sample Size	2	205	3
		F	Mean Length	600	596	583
			Range	600- 600	455- 670	540- 620
			Sample Size	1	222	6

Appendix F.6. Mean length (mm) of coho salmon from the District 5 commercial fishery. [a] (page 5 of 8)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2001 [c]	8/10 (7/23,8/1,6,8,10)	M	Mean Length	568	611	593
			Std. Error	43	4	26
			Range	525- 610	501- 669	526- 651
			Sample Size	2	72	4
		F	Mean Length	597	595	613
			Std. Error	12	5	6
			Range	585- 608	505- 643	607- 619
			Sample Size	2	42	2
	8/18 (8/15,18)	M	Mean Length	616	632	629
			Std. Error	14	4	23
			Range	601- 630	500- 695	555- 671
			Sample Size	2	65	5
		F	Mean Length	624	617	628
			Std. Error	21	5	8
			Range	558- 691	520- 679	604- 650
			Sample Size	6	62	5
	8/24 (8/22,24)	M	Mean Length	601	617	624
			Std. Error	-	4	15
			Range	601- 601	498- 674	609- 639
			Sample Size	1	69	2
		F	Mean Length	618	622	599
			Std. Error	7	3	2
			Range	600- 650	507- 668	597- 601
			Sample Size	6	65	2
	Season	M	Mean Length	600	623	620
			Range	525- 630	498- 695	526- 671
			Sample Size	5	206	11
		F	Mean Length	620	614	622
			Range	558- 691	505- 679	597- 650
			Sample Size	14	169	9
2002	Season	M	Mean Length	Incomplete		
			Range			
			Sample Size			
		F	Mean Length			
			Range			
			Sample Size			

Appendix F.6. Mean length (mm) of coho salmon from the District 5 commercial fishery. [a] (page 6 of 8)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2003 [c]	8/1 (7/11,14,16,18, 8/1,4,6)	M	Mean Length	552	596	644
			Std. Error	31	7	2
			Range	520- 583	440- 655	642- 648
			Sample Size	2	35	3
		F	Mean Length	545	595	
			Std. Error	-	9	
			Range	545- 545	563- 646	
			Sample Size	1	10	0
	8/14 (8/8,13,15)	M	Mean Length	490	592	675
			Std. Error	-	7	-
			Range	490- 490	510- 650	675- 675
			Sample Size	1	37	1
		F	Mean Length	590	597	605
			Std. Error	-	8	25
			Range	590- 590	520- 635	580- 630
			Sample Size	1	16	2
	Season [b]	M	Mean Length	520	593	657
			Range	490- 583	440- 655	642- 675
			Sample Size	3	72	4
		F	Mean Length	576	596	605
			Range	545- 590	520- 646	580- 630
			Sample Size	2	26	2
2004 [c]	8/6 (8/2,6,9,11)	M	Mean Length	559	573	588
			Std. Error	24	8	24
			Range	466- 594	514- 658	519- 646
			Sample Size	5	25	5
		F	Mean Length		592	
			Std. Error		8	
			Range		526- 643	
			Sample Size	0	16	0
	8/16 (8/13,16,18,20)	M	Mean Length	556	577	558
			Std. Error	30	9	31
			Range	515- 614	466- 681	526- 589
			Sample Size	3	32	2
		F	Mean Length	585	579	648
			Std. Error	26	8	-
			Range	558- 611	538- 628	648- 648
			Sample Size	2	15	1

Appendix F.6. Mean length (mm) of coho salmon from the District 5 commercial fishery. [a] (page 7 of 8)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
	8/25 (8/23,25,27)	M	Mean Length	576	589	
			Std. Error	18	8	
			Range	520- 637	515- 645	
			Sample Size	6	25	0
		F	Mean Length	611	597	
			Std. Error	5	6	
			Range	603- 620	533- 657	
			Sample Size	3	23	0
	Season	M	Mean Length	569	582	572
			Range	466- 637	466- 681	519- 646
			Sample Size	14	82	7
		F	Mean Length	602	591	648
			Range	558- 620	526- 657	648- 648
			Sample Size	5	54	1
2005 [c]	Season [b]	M	Mean Length	570	576	586
			Std. Error	15	7	34
			Range	529- 597	470- 654	517- 621
			Sample Size	4	37	3
		F	Mean Length	582	592	561
			Std. Error	14	8	-
			Range	524- 619	522- 643	561- 561
			Sample Size	6	18	1
2006	Season	M	Mean Length			
			Std. Error			
			Range			
			Sample Size	No Asl Samples Collected		
		F	Mean Length			
			Std. Error			
			Range			
			Sample Size			
2007	Season	M	Mean Length			
			Std. Error			
			Range			
			Sample Size	No Asl Samples Collected		
		F	Mean Length			
			Std. Error			
			Range			
			Sample Size			

Appendix F.6. Mean length (mm) of coho salmon from the District 5 commercial fishery. [a] (page 8 of 8)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 1.1	2.1	3.1
2008	Season	M	Mean Length			
			Std. Error			
			Range			
			Sample Size	No Asl Samples Collected		
		F	Mean Length			
			Std. Error			
			Range			
			Sample Size			
2009 [c]	8/21 (6/22-8/24)	M	Mean Length	617	595	644
			Range	585- 636	485- 656	644- 644
			Sample Size	3	18	1
	Season [b]	F	Mean Length	608	594	594
			Range	597- 618	542- 640	594- 594
			Sample Size	2	18	1
	Grand Total [e]	M	Mean Length	582	609	610
			Range	511- 695	471- 705	570- 652
			Sample size	57	829	31
		F	Mean Length	612	606	619
			Range	549- 650	471- 680	555- 646
			Sample size	45	799	27

[a] "Season" mean lengths are weighted by the commercial harvest in each stratum.
[b] Sampling dates do not meet criteria for estimating commercial harvest percentages for some or all of the strata; "Season" is not included in the "Grand Total".
[c] Sex of all fish was confirmed by visual inspection of gonads.
[d] Sex and length information was recorded; no scales were collected.
[e] "Grand Total" mean lengths are simple averages of the "Season" mean lengths.