This document contains Appendices A and B of "Salmon, Age, Sex, and Length Catalog for the Kuskokwim Area, 2006" by Douglas B. Molyneaux and David L. Folletti. The full text of that document is at: http://www.sf.adfg.state.ak.us/FedAidPDFs/RIR.3A.2007.09.pdf

Appendices A and B: Chinook Salmon

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

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

by

Douglas B. Molyneaux

and

David L. Folletti

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

David L. Folletti 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. david.folletti@alaska.gov

PROJECT SPONSORSHIP

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APPENDIX A.
HISTORICAL AGE, SEX, AND LENGTH OF CHINOOK SALMON SAMPLED FROM KUSKOKWIM AREA ESCAPEMENT PROJECTS

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

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
2000	7/5-7	25	M	0	0.0	5	4.0	38	32.0	0	0.0	38	66.7	0	0.0	15	6.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	96	80.0
	(6/25-7/9)		F	0	0.0	0	0.0	0	0.0	0	0.0	5	20.0	0	0.0	19	6.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	24	20.0
			Subtotal	0	0.0	5	4.0	38	32.0	0	0.0	43	86.7	0	0.0	34	13.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	120	100.0
	7/12-14	23	M	0	0.0	0	0.0	8	17.4	0	0.0	18	14.3	0	0.0	12	42.9	0	0.0	2	4.3	0	0.0	0	0.0	0	0.0	39	87.0
	(7/10-16)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	42.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	13.0
			Subtotal	0	0.0	0	0.0	8	17.4	0	0.0	18	14.3	0	0.0	18	85.7	0	0.0	2	4.3	0	0.0	0	0.0	0	0.0	45	100.0
	7/19-21	16	M	0	0.0	0	0.0	28	31.3	0	0.0	23	14.3	0	0.0	17	57.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	68	75.0
	(7/17-25)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	22	14.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	22	25.0
			Subtotal	0	0.0	0	0.0	28	31.3	0	0.0	23	14.3	0	0.0	39	85.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	90	100.0
	7/28-30, 8/14,27	14	M	0	0.0	0	0.0	32	35.7	0	0.0	19	14.3	0	0.0	6	57.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	58	64.3
	(7/26-9/9)		F	0	0.0	0	0.0	0	0.0	0	0.0	7	0.0	0	0.0	26	14.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	32	35.7
			Subtotal	0	0.0	0	0.0	32	35.7	0	0.0	26	14.3	0	0.0	32	85.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	90	100.0
	Season	78	M	0	0.0	5	1.4	106	30.7	0	0.0	98	28.4	0	0.0	50	14.5	0	0.0	2	0.6	0	0.0	0	0.0	0	0.0	260	75.4
			F	0	0.0	0	0.0	0	0.0	0	0.0	11	3.2	0	0.0	73	21.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	85	24.6
			Total	0	0.0	5	1.4	106	30.7	0	0.0	109	31.6	0	0.0	123	35.7	0	0.0	2	0.6	0	0.0	0	0.0	0	0.0	345	100.0
2001	7/5-14	34	M		0.0		0.0		6.7		0.0		26.7		0.0		33.3		0.0		0.0		0.0		0.0		0.0		66.7
			F		0.0		0.0		0.0		0.0		4.4		0.0		28.9		0.0		0.0		0.0		0.0		0.0		33.3
			Subtotal		0.0		0.0		6.7		0.0		31.1		0.0		62.2		0.0		0.0		0.0		0.0		0.0		100.0
	7/17-8/7	40	M		0.0		0.0		14.6		0.0		14.6		0.0		19.5		0.0		4.9		0.0		0.0		0.0		53.7
			F		0.0		0.0		0.0		0.0		4.9		0.0		41.5		0.0		0.0		0.0		0.0		0.0		46.3
			Subtotal		0.0		0.0		14.6		0.0		19.5		0.0		61.0		0.0		4.9		0.0		0.0		0.0		100.0
	Season	74	M																										60.5
			F																										39.5
			Total																									721	100.0
2002	6/27-7/1	12	M	0	0.0	0	0.0	7	41.7	0	0.0	5	33.3	0	0.0	2	8.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13	83.3
	(6/23 - 7/2)		F	0	0.0	0	0.0	1	8.3	0	0.0	0	0.0	0	0.0	1	8.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	16.7
			Subtotal	0	0.0	0	0.0	8	50.0	0	0.0	5	33.3	0	0.0	3	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	16	100.0
	7/4-9,11	43	M	0	0.0	0	0.0	51	23.3	0	0.0	62	27.9	0	0.0	46	20.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	164	74.4
	(7/3-13)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	57	25.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	57	25.6
			Subtotal	0	0.0	0	0.0	51	23.3	0	0.0	62	27.9	0	0.0	103	46.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	221	100.0
	7/15,17-22	26	M	0	0.0	0	0.0	0	0.0	0	0.0	11	34.6	0	0.0	7	23.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	18	57.7
	(7/14-23)		F	0	0.0	0	0.0	1	3.8	0	0.0	3	7.7	0	0.0	10	30.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	14	42.3
			Subtotal	0	0.0	0	0.0	1	3.8	0	0.0	14	42.3	0	0.0	17	53.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	32	100.0

Appendix A.1. Age and sex of chinook salmon at the Takotna River weir based on escapement samples collected with a fish trap. [ab] (page 2 of 3)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	7/25-26,29-30,8/6	17	M	0	0.0	0	0.0	8	17.6	0	0.0	11	23.5	0	0.0	5	11.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	25	52.9
	(7/24-9/19)		F	0	0.0	0	0.0	0	0.0	0	0.0	3	5.9	0	0.0	17	35.3	0	0.0	3	5.9	0	0.0	0	0.0	0	0.0	22	47.1
			Subtotal	0	0.0	0	0.0	8	17.6	0	0.0	14	29.4	0	0.0	22	47.1	0	0.0	3	5.9	0	0.0	0	0.0	0	0.0	47	100.0
	Season	98	M	0	0.0	0	0.0	66	21.0	0	0.0	89	28.2	0	0.0	61	19.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	221	70.0
			F	0	0.0	0	0.0	3	0.8	0	0.0	5	1.7	0	0.0	84	26.7	0	0.0	3	0.9	0	0.0	0	0.0	0	0.0	95	30.0
			Total	0	0.0	0	0.0	69	21.8	0	0.0	94	29.9	0	0.0	145	45.8	0	0.0	3	0.9	0	0.0	0	0.0	0	0.0	316	100.0
2003	Season [d]	61	M		0.0		0.0		8.2		0.0		31.2		0.0		14.8		0.0		0.0		0.0		0.0		0.0		54.1
			F		0.0		0.0		0.0		0.0		9.8		0.0		34.4		0.0		1.6		0.0		0.0		0.0		45.9
			Total		0.0		0.0		8.2		0.0		41.0		0.0		49.2		0.0		1.6		0.0		0.0		0.0	96	100.0
2004	Season [d]	69	M		0.0		0.0		39.1		0.0		21.7		0.0		18.8		0.0		0.0		0.0		0.0		0.0		79.7
			F		0.0		0.0		2.9		0.0		1.5		0.0		14.5		0.0		1.4		0.0		0.0		0.0		20.3
			Total		0.0		0.0		42.0		0.0		23.2		0.0		33.3		0.0		1.4		0.0		0.0		0.0	462	100.0
2005	7/1-7/12	96	M		0.0		0.0		25.0		0.0		47.9		0.0		9.4		1.0		0.0		0.0		0.0		0.0		83.3
	(6/24-7/13)		F		0.0		0.0		0.0		0.0		7.3		0.0		9.4		0.0		0.0		0.0		0.0		0.0		16.7
			Subtotal		0.0		0.0		25.0		0.0		55.2		0.0		18.8		1.0		0.0		0.0		0.0		0.0		100.0
	7/14-25	74	M		0.0		0.0		12.2		0.0		37.9		0.0		4.1		0.0		0.0		0.0		0.0		0.0		54.1
	(7/14-9/20)		F		0.0		0.0		0.0		0.0		18.9		0.0		27.0		0.0		0.0		0.0		0.0		0.0		45.9
			Subtotal		0.0		0.0		12.2		0.0		56.8		0.0		31.1		0.0		0.0		0.0		0.0		0.0		100.0
	Season [d]	170	M																										72.9
			F																										27.1
			Total																									499	100.0
2006	6/29-7/14	106	M	0	0.0	9	3.8	109	45.3	0	0.0	68	28.3	0	0.0	13	5.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	200	83.0
	(6/24-7/15)		F	0	0.0	0	0.0	0	0.0	0	0.0	5	1.9	0	0.0	32	13.2	0	0.0	5	1.9	0	0.0	0	0.0	0	0.0	41	17.0
			Subtotal	0	0.0	9	3.8	109	45.3	0	0.0	73	30.2	0	0.0	45	18.9	0	0.0	5	1.9	0	0.0	0	0.0	0	0.0	241	100.0
	7/17-20	80	M	0	0.0	0	0.0	80	58.8	0	0.0	31	22.5	0	0.0	5	3.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	116	85.0
	(7/16-20)		F	0	0.0	0	0.0	0	0.0	0	0.0	5	3.8	0	0.0	14	10.0	0	0.0	2	1.3	0	0.0	0	0.0	0	0.0	21	15.0
			Subtotal	0	0.0	0	0.0	80	58.8	0	0.0	36	26.3	0	0.0	19	13.8	0	0.0	2	1.3	0	0.0	0	0.0	0	0.0	137	100.0
	7/21-8/7	83	M	0	0.0	0	0.0	39	24.1	0	0.0	37	22.9	0	0.0	19	12.0	0	0.0	2	1.2	0	0.0	0	0.0	0	0.0	97	60.2
	(7/21-9/20)		F	0	0.0	0	0.0	0	0.0	0	0.0	17	10.8	0	0.0	41	25.3	0	0.0	6	3.6	0	0.0	0	0.0	0	0.0	64	39.8
			Subtotal	0	0.0	0	0.0	39	24.1	0	0.0	54	33.7	0	0.0	60	37.3	0	0.0	8	4.8	0	0.0	0	0.0	0	0.0	161	100.0
	Season	269	M	0	0.0	9	1.7	228	42.4	0	0.0	136	25.2	0	0.0	38	7.1	0	0.0	2	0.4	0	0.0	0	0.0	0	0.0	414	76.7
			F	0	0.0	0	0.0	0	0.0	0	0.0	27	5.0	0	0.0	86	16.0	0	0.0	12	2.2	0	0.0	0	0.0	0	0.0	125	23.3
			Total	0	0.0	9	1.7	228	42.4	0	0.0	163	30.2	0	0.0	124	23.1	0	0.0	14	2.6	0	0.0	0	0.0	0	0.0	539	100.0

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

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
	Grand	445	M	0	0.0	14	1.2	400	33.3	0	0.0	323	26.9	0	0.0	149	12.4	0	0.0	4	0.3	0	0.0	0	0.0	0	0.0	895	74.6
	Total [c]		F	0	0.0	0	0.0	3	0.3	0	0.0	43	3.6	0	0.0	243	20.3	0	0.0	15	1.3	0	0.0	0	0.0	0	0.0	305	25.4
			Total	0	0.0	14	1.2	403	33.6	0	0.0	366	30.5	0	0.0	392	32.7	0	0.0	19	1.6	0	0.0	0	0.0	0	0.0	1,200	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 escapement percentages for some or all of the strata; "Season" is not included in the "Grand Total".

Appendix A.2. Mean length (mm) of chinook salmon at the Takotna River weir based on escapement samples collected with a fish trap. (page 1 of 6)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2000	7/5-7 (6/25-7/9)	M	Mean Length		451	515		674		743					
			Std. Error		-	23		19		8					
			Range		451-451	418		582-754		728-752					
			Sample Size	0	1	8	0	8	0	3	0	0	0	0	0
		F	Mean Length					722		844					
			Std. Error					-		16					
			Range					722-722		805-883					
			Sample Size	0	0	0	0	1	0	4	0	0	0	0	0
	7/12-14 (7/10-16)	M	Mean Length			519		646		802		895			
			Std. Error			22		16		28		-			
			Range			476-575		557-706		728-911		895-895			
			Sample Size	0	0	4	0	9	0	6	0	1	0	0	0
		F	Mean Length							873					
			Std. Error							50					
			Range							780-950					
			Sample Size	0	0	0	0	0	0	3	0	0	0	0	0
	7/19-21 (7/17-25)	M	Mean Length			482		650		760					
			Std. Error			14		28		62					
			Range			453-529		595-719		673-880					
			Sample Size	0	0	5	0	4	0	3	0	0	0	0	0
		F	Mean Length							781					
			Std. Error							37					
			Range							697-860					
			Sample Size	0	0		0	0	0	4	0	0	0	0	0
	7/28-30,8/14,27 (7/26-9/9)	M	Mean Length			498		710		798					
			Std. Error			27		23		-					
			Range			430-585		685-755		798-798					
			Sample Size	0	0	5	0	3	0	1	0	0	0	0	0
		F	Mean Length					812		821					
			Std. Error					-		39					
			Range					812-812		714-898					
			Sample Size	0	0		0	1	0	4	0	0	0	0	0

Appendix A.2. Mean length (mm) of chinook salmon at the Takotna River weir based on escapement samples collected with a fish trap. (page 2 of 6)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season [a]	M	Mean Length		451	501		671		770		895			
			Range		451-451	418-623		557-755		673-911		895-895			
			Sample Size	0	1	22	0	24	0	13	0	1	0	0	0
		F	Mean Length					744		818					
			Range					722-812		697-950					
			Sample Size	0	0	0	0	2	0	15	0	0	0	0	0
2001	7/5-14	M	Mean Length			552		663		810					
			Std. Error			6		14		15					
			Range			540-560		595-735		710-895					
			Sample Size	0	0	3	0	12	0	15	0	0	0	0	0
		F	Mean Length					783		867					
			Std. Error					78		8					
			Range					705-860		810-910					
			Sample Size	0	0	0	0	2	0	13	0	0	0	0	0
	7/17-8/7	M	Mean Length			498		688		828		855			
			Std. Error			25		33		29		5			
			Range			400-555		590-825		640-895		850-860			
			Sample Size	0	0	6	0	6	0	8	0	2	0	0	0
		F	Mean Length					770		861					
			Std. Error					30		15					
			Range					740-800		780-985					
			Sample Size	0	0	0	0	2	0	17	0	0	0	0	0
	Season [a]	M	Mean Length			516		671		816		855			
			Range			400-560		590-825		640-895		850-860			
			Sample Size	0	0	9	0	18	0	23	0	2	0	0	0
		F	Mean Length					776		864					
			Range					705-860		780-985					
			Sample Size	0	0	0	0	4	0	30	0	0	0	0	0
2002	6/27-7/1 (6/23-7/2)	M	Mean Length			544		679		765					
			Std Error			12		12		-					
			Range			500-565		645-695		765-765					
			Sample Size	0	0	5	0	4	0	1	0	0	0	0	0
		F	Mean Length			575				865					
			Std Error							-					
			Range			575-575				865-865					
			Sample Size	0	0	1	0	0	0	1	0	0	0	0	0

Appendix A.2. Mean length (mm) of chinook salmon at the Takotna River weir based on escapement samples collected with a fish trap. (page 3 of 6)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/4-9,11 (7/3-13)	M	Mean Length			553		679	560	756					
			Std Error			6		12	-	25					
			Range			520-580		595-742	560-560	645-850					
			Sample Size	0	0	10	0	12	1	9	0	0	0	0	0
		F	Mean Length							876					
			Std Error							13					
			Range							800-960					
			Sample Size	0	0	0	0	0	0	11	0	0	0	0	0
	7/15,17-22 (7/14-23)	M	Mean Length					686		763					
			Std Error					14		38					
			Range					620-745		612-875					
			Sample Size	0	0	0	0	9	0	6	0	0	0	0	0
		F	Mean Length			627		814		835					
			Std Error			-		20		20					
			Range			627-627		794-833		740-922					
			Sample Size	0	0	1	0	2	0	8	0	0	0	0	0
	7/25-26,29-30,8/6 (7/24-9/19)	M	Mean Length			568		678		839					
			Std Error			22		14		19					
			Range			543-612		648-710		820-858					
			Sample Size	0	0	3	0	4	0	2	0	0	0	0	0
		F	Mean Length					825		855		827			
			Std Error					-		36		-			
			Range					825-825		755-976		827-827			
			Sample Size	0	0	0	0	1	0	6	0	1	0	0	0
	Season [a]	M	Mean Length			554		679	560	765					
			Range			500-612		595-745	560-560	612-875					
			Sample Size	0	0	18	0	29	1	18	0	0	0	0	0
		F	Mean Length			600		820		867		827			
			Range			575-627		794-833		740-976		827-827			
			Sample Size	0	0	2	0	3	0	26	0	1	0	0	0
2003	Season [c]	M	Mean Length			514		723		764					
			Range			430-607		635-785		675-893					
			Sample Size	0	0	5	0	19	0	9	0	0	0	0	0
		F	Mean Length					817	975	867		975			
			Range					765-850	975-975	770-980		975-975			
			Sample Size	0	0	0	0	6	1	21	0	1	0	0	0

Appendix A.2. Mean length (mm) of chinook salmon at the Takotna River weir based on escapement samples collected with a fish trap. (page 4 of 6)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2004	Season [c]	M	Mean Length			577		675		768					
			Range			454-650		618-818		613-936					
			Sample Size	0	0	27	0	15	0	13	0	0	0	0	0
		F	Mean Length			622		707		857		903			
			Range			602-641		707-707		744-924		903-903			
			Sample Size	0	0	2	0	1	0	10	0	1	0	0	0
2005	7/1-12 (6/24-7/13)	M	Mean Length			536		686		725	692				
			Std. Error			11		7		27	-				
			Range			382- 624		581- 788		598- 823	692- 692				
			Sample Size	0	0	24	0	46	0	9	1	0	0	0	0
		F	Mean Length					708		813					
			Std. Error					24		17					
			Range					597- 795		718- 884					
			Sample Size	0	0	0	0	7	0	9	0	0	0	0	0
	7/14-25 (7/14-25)	M	Mean Length			558		691		800					
			Std. Error			23		11		59					
			Range			446- 634		564- 816		715- 914					
			Sample Size	0	0	9	0	28	0	3	0	0	0	0	0
		F	Mean Length					727		819					
			Std. Error					22		13					
			Range					456- 790		671- 957					
			Sample Size	0	0	0	0	14	0	19	0	0	0	0	0
	Season [c]	M	Mean Length			541		687		736	692				
			Range			382- 634		564- 816		598- 914	692- 692				
			Sample Size	0	0	33	0	74	0	12	1	0	0	0	0
		F	Mean Length					718		816					
			Range					456- 795		671- 957					
			Sample Size	0	0	0	0	21	0	29	0	0	0	0	0

Appendix A.2. Mean length (mm) of chinook salmon at the Takotna River weir based on escapement samples collected with a fish trap. (page 5 of 6)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2006	6/29-7/14 (6/24-7/15)	M	Mean Length		389	567		683		801					
			Std. Error		10	6		11		27					
			Range		362- 412	454- 658		546- 815		720- 920					
			Sample Size	0	4	48	0	30	0	6	0	0	0	0	0
		F	Mean Length					816		860		829			
			Std. Error					1		19		19			
			Range					815- 816		755-1012		810- 848			
			Sample Size	0	0	0	0	2	0	14	0	2	0	0	0
	7/17-20 (7/16-20)	M	Mean Length			553		685		821					
			Std. Error			6		15		52					
			Range			420- 608		580- 830		756- 924					
			Sample Size	0	0	47	0	18	0	3	0	0	0	0	0
		F	Mean Length					750		868		812			
			Std. Error					29		19		-			
			Range					705- 804		785- 976		812- 812			
			Sample Size	0	0	0	0	3	0	8	0	1	0	0	0
	7/21-8/7 (7/21-9/20)	M	Mean Length			560		695		745		813			
			Std. Error			10		12		23		-			
			Range			448- 643		595- 785		642- 858		813- 813			
			Sample Size	0	0	20	0	19	0	10	0	1	0	0	0
		F	Mean Length					759		843		871			
			Std. Error					30		10		15			
			Range					607- 893		740- 907		843- 896			
			Sample Size	0	0	0	0	9	0	21	0	3	0	0	0
	Season	M	Mean Length		389	561		687		775		813			
			Range		362- 412	420- 658		546- 830		642- 924		813- 813			
			Sample Size	0	4	115	0	67	0	19	0	1	0	0	0
		F	Mean Length					767		853		847			
			Range					607- 893		740-1012		810- 896			
			Sample Size	0	0	0	0	14	0	43	0	6	0	0	0

Appendix A.2. Mean length (mm) of chinook salmon at the Takotna River weir based on escapement samples collected with a fish trap. (page 6 of 6)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Grand Total [b]	M	Mean Length		420	539		679	560	770		854			
			Range		362-451	418-658		546-830	560 - 560	673-911		813-895			
			Sample Size	0	5	155	0	120	1	50	0	2	0	0	0
		F	Mean Length			600		777		846		837			
			Range			575 - 627		607- 893		697-950		827-896			
			Sample Size	0	0	2	0	19	0	84	0	7	0	0	0

[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 escapement percentages for some or all of the strata; "Season" is not included in "Grand Total".

Appendix A.3. Age and sex of chinook salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap. (page 1 of 3)

Year	Sample Dates	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
1998[a]	7/1,7	15	M		0.0		0.0		0.0		0.0		66.7		0.0		6.7		0.0		0.0		0.0		0.0		0.0		73.3
			F		0.0		0.0		0.0		0.0		20.0		0.0		6.6		0.0		0.0		0.0		0.0		0.0		26.7
			Total		0.0		0.0		0.0		0.0		86.7		0.0		13.3		0.0		0.0		0.0		0.0		0.0		100.0
1999 [b]		7	M		0.0		0.0		0.0		0.0		14.3		0.0		42.9		0.0		0.0		0.0		0.0		0.0		57.1
			F		0.0		0.0		0.0		0.0		0.0		0.0		42.8		0.0		0.0		0.0		0.0		0.0		42.9
			Total		0.0		0.0		0.0		0.0		14.3		0.0		85.7		0.0		0.0		0.0		0.0		0.0	1,494	100.0
2000 [b]	7/6,13,16,21	7	M		0.0		0.0		14.3		0.0		14.3		0.0		42.8		0.0		0.0		0.0		0.0		0.0		57.1
			F		0.0		0.0		0.0		0.0		0.0		0.0		28.6		0.0		0.0		0.0		0.0		0.0		42.9
			Total		0.0		0.0		14.3		0.0		14.3		0.0		71.4		0.0		0.0		0.0		0.0		0.0	808	100.0
2001[b]	6/30,7/2-3,5,8	34	M		0.0		0.0		14.7		0.0		55.9		0.0		8.8		0.0		0.0		0.0		0.0		0.0		79.4
			F		0.0		0.0		0.0		0.0		2.9		0.0		17.7		0.0		0.0		0.0		0.0		0.0		20.6
			Subtotal		0.0		0.0		14.7		0.0		14.3		0.0		26.5		0.0		0.0		0.0		0.0		0.0		100.0
	7/11-14,6,19	40	M		0.0		0.0		10.0		0.0		20.0		0.0		15.0		0.0		0.0		0.0		0.0		0.0		45.0
			F		0.0		0.0		0.0		0.0		2.5		0.0		45.0		0.0		7.5		0.0		0.0		0.0		55.0
			Subtotal		0.0		0.0		10.0		0.0		14.3		0.0		60.0		0.0		0.0		0.0		0.0		0.0		100.0
	Season	74	M																										60.8
			F																										39.2
			Total																									2,011	100.0
2002	6/26-30	86	M	0	0.0	0	0.0	200	23.3	0	0.0	90	10.5	10	1.2	230	26.7	0	0.0	10	1.2	0	0.0	0	0.0	0	0.0	539	62.8
	(6/15-30)		F	0	0.0	0	0.0	0	0.0	0	0.0	20	2.3	0	0.0	269	31.4	0	0.0	30	3.5	0	0.0	0	0.0	0	0.0	319	37.2
			Subtotal	0	0.0	0	0.0	200	23.3	0	0.0	110	12.8	10	1.2	499	58.1	0	0.0	40	4.7	0	0.0	0	0.0	0	0.0	858	100.0
	7/1-4	73	M	0	0.0	0	0.0	224	30.1	0	0.0	163	21.9	0	0.0	153	20.5	0	0.0	10	1.4	0	0.0	0	0.0	0	0.0	550	74.0
	(7/1-6)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	183	24.7	0	0.0	10	1.3	0	0.0	0	0.0	0	0.0	194	26.0
			Subtotal	0	0.0	0	0.0	224	30.1	0	0.0	163	21.9	0	0.0	336	45.2	0	0.0	20	2.7	0	0.0	0	0.0	0	0.0	744	100.0
	7/8-14	62	M	0	0.0	0	0.0	60	14.5	0	0.0	81	19.4	0	0.0	74	17.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	215	51.6
	(7/7-15)		F	0	0.0	0	0.0	7	1.6	0	0.0	27	6.4	0	0.0	155	37.1	0	0.0	13	3.2	0	0.0	0	0.0	0	0.0	202	48.4
			Subtotal	0	0.0	0	0.0	67	16.1	0	0.0	108	25.8	0	0.0	229	54.8	0	0.0	13	3.2	0	0.0	0	0.0	0	0.0	417	100.0
	7/16-21,23-25,	58	M	0	0.0	0	0.0	26	12.1	0	0.0	41	19.0	0	0.0	37	17.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	108	50.0
	30,8/1		F	0	0.0	0	0.0	0	0.0	0	0.0	19	8.6	0	0.0	82	37.9	0	0.0	7	3.4	0	0.0	0	0.0	0	0.0	108	50.0
	(7/16-9/22)		Subtotal	0	0.0	0	0.0	26	12.1	0	0.0	60	27.6	0	0.0	119	55.2	0	0.0	7	3.4	0	0.0	0	0.0	0	0.0	216	100.0
	Season	279	M	0	0.0	0	0.0	510	22.8	0	0.0	375	16.8	10	0.4	494	22.1	0	0.0	20	0.9	0	0.0	0	0.0	0	0.0	1,412	63.2
			F	0	0.0	0	0.0	7	0.3	0	0.0	65	2.9	0	0.0	689	30.8	0	0.0	61	2.7	0	0.0	0	0.0	0	0.0	823	36.8
			Total	0	0.0	0	0.0	517	23.2	0	0.0	440	19.7	10	0.4	1,183	52.9	0	0.0	81	3.6	0	0.0	0	0.0	0	0.0	2,235	100.0
2003 [a b]	6/30,7/1-2	39	M		0.0		0.0		7.7		0.0		35.9		0.0		12.8		0.0		5.1		0.0		0.0		0.0		61.5
			F		0.0		0.0		0.0		0.0		20.5		0.0		15.4		0.0		2.6		0.0		0.0		0.0		38.5
			Total		0.0		0.0		7.7		0.0		56.4		0.0		28.2		0.0		7.7		0.0		0.0		0.0	1,683	100.0

Appendix A.3. Age and sex of chinook salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap. (page 2 of 3)

Year	Sample Dates	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
2004	6/21-22,28-30	168	M	0	0.0	0	0.0	423	28.0	0	0.0	468	31.0	0	0.0	135	8.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,025	67.9
	(6/15-7/5)		F	0	0.0	0	0.0	9	0.6	0	0.0	117	7.7	0	0.0	360	23.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	486	32.1
			Subtotal	0	0.0	0	0.0	432	28.6	0	0.0	585	38.7	0	0.0	495	32.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,511	100.0
	7/6-8,12-16	107	M	0	0.0	0	0.0	290	27.1	0	0.0	310	29.0	0	0.0	120	11.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	719	67.3
	(7/6-7/18)		F	0	0.0	0	0.0	0	0.0	0	0.0	110	10.3	0	0.0	240	22.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	350	32.7
			Subtotal	0	0.0	0	0.0	290	27.1	0	0.0	420	39.3	0	0.0	360	33.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,069	100.0
	7/19-20,28,8/3-5	26	M	0	0.0	0	0.0	29	11.5	0	0.0	117	46.2	0	0.0	20	7.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	165	65.4
	(7/19-9/18)		F	0	0.0	0	0.0	0	0.0	0	0.0	29	11.5	0	0.0	58	23.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	88	34.6
			Subtotal	0	0.0	0	0.0	29	11.5	0	0.0	146	57.7	0	0.0	78	30.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	253	100.0
	Season	301	M	0	0.0	0	0.0	742	26.2	0	0.0	894	31.6	0	0.0	274	9.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,910	67.4
			F	0	0.0	0	0.0	9	0.3	0	0.0	256	9.0	0	0.0	658	23.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	923	32.6
			Total	0	0.0	0	0.0	751	26.5	0	0.0	1,150	40.6	0	0.0	932	32.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,833	100.0
2005	6/29-7/6	111	M	0	0.0	0	0.0	253	16.2	0	0.0	549	35.2	0	0.0	197	12.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	999	64.0
	(6/15-7/7)		F	0	0.0	0	0.0	0	0.0	0	0.0	239	15.3	0	0.0	310	19.8	0	0.0	14	0.9	0	0.0	0	0.0	0	0.0	563	36.0
			Subtotal	0	0.0	0	0.0	253	16.2	0	0.0	788	50.5	0	0.0	507	32.4	0	0.0	14	0.9	0	0.0	0	0.0	0	0.0	1,562	100.0
	7/8-13	115	M	0	0.0	0	0.0	79	10.4	0	0.0	211	27.8	0	0.0	86	11.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	376	49.6
	(7/8-14)		F	0	0.0	0	0.0	0	0.0	0	0.0	184	24.4	0	0.0	191	25.2	0	0.0	7	0.9	0	0.0	0	0.0	0	0.0	382	50.4
			Subtotal	0	0.0	0	0.0	79	10.4	0	0.0	395	52.2	0	0.0	277	36.5	0	0.0	7	0.9	0	0.0	0	0.0	0	0.0	758	100.0
	7/15-24	74	M	0	0.0	0	0.0	52	10.8	0	0.0	124	25.7	0	0.0	72	14.9	0	0.0	13	2.7	0	0.0	0	0.0	0	0.0	261	54.1
	(7/15-24)		F	0	0.0	0	0.0	0	0.0	0	0.0	98	20.2	0	0.0	117	24.3	0	0.0	7	1.4	0	0.0	0	0.0	0	0.0	222	45.9
			Subtotal	0	0.0	0	0.0	52	10.8	0	0.0	222	45.9	0	0.0	189	39.2	0	0.0	20	4.1	0	0.0	0	0.0	0	0.0	483	100.0
	7/25-8/18	84	M	0	0.0	0	0.0	7	6.0	0	0.0	19	16.7	0	0.0	14	11.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	40	34.5
	(7/25-9/20)		F	0	0.0	0	0.0	0	0.0	0	0.0	21	17.8	0	0.0	53	46.4	0	0.0	1	1.2	0	0.0	0	0.0	0	0.0	75	65.5
			Subtotal	0	0.0	0	0.0	7	6.0	0	0.0	40	34.5	0	0.0	67	58.3	0	0.0	1	1.2	0	0.0	0	0.0	0	0.0	115	100.0
	Season	384	M	0	0.0	0	0.0	391	13.4	0	0.0	903	30.9	0	0.0	368	12.6	0	0.0	13	0.4	0	0.0	0	0.0	0	0.0	1,676	57.4
			F	0	0.0	0	0.0	0	0.0	0	0.0	542	18.6	0	0.0	672	23.0	0	0.0	29	1.0	0	0.0	0	0.0	0	0.0	1,242	42.6
			Total	0	0.0	0	0.0	391	13.4	0	0.0	1,445	49.5	0	0.0	1,040	35.6	0	0.0	42	1.4	0	0.0	0	0.0	0	0.0	2,918	100.0
2006	6/28-7/12	90	M	0	0.0	0	0.0	251	21.1	0	0.0	304	25.5	0	0.0	106	8.9	0	0.0	40	3.4	0	0.0	0	0.0	0	0.0	700	58.9
	(6/15-7/13)		F	0	0.0	0	0.0	0	0.0	0	0.0	211	17.8	0	0.0	251	21.1	0	0.0	26	2.2	0	0.0	0	0.0	0	0.0	489	41.1
			Sutotal	0	0.0	0	0.0	251	21.1	0	0.0	515	43.3	0	0.0	357	30.0	0	0.0	66	5.6	0	0.0	0	0.0	0	0.0	1,189	100.0
	714-17	44	M	0	0.0	0	0.0	59	27.3	0	0.0	93	43.2	0	0.0	10	4.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	163	75.0
	(7/14-18)		F	0	0.0	0	0.0	0	0.0	0	0.0	20	9.1	0	0.0	29	13.6	0	0.0	5	2.3	0	0.0	0	0.0	0	0.0	54	25.0
			Sutotal	0	0.0	0	0.0	59	27.3	0	0.0	113	52.3	0	0.0	39	18.2	0	0.0	5	2.3	0	0.0	0	0.0	0	0.0	217	100.0
	719-8/7	44	M	0	0.0	0	0.0	47	15.9	0	0.0	60	20.5	0	0.0	27	9.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	134	45.5
	(7/19-9/20)		F	0	0.0	0	0.0	0	0.0	0	0.0	60	20.5	0	0.0	93	31.8	0	0.0	7	2.3	0	0.0	0	0.0	0	0.0	160	54.5
			Sutotal	0	0.0	0	0.0	47	15.9	0	0.0	120	40.9	0	0.0	120	40.9	0	0.0	7	2.3	0	0.0	0	0.0	0	0.0	294	100.0
	Season	178	M	0	0.0	0	0.0	357	21.0	0	0.0	458	26.9	0	0.0	142	8.4	0	0.0	40	2.3	0	0.0	0	0.0	0	0.0	997	58.6
			F	0	0.0	0	0.0	0	0.0	0	0.0	291	17.2	0	0.0	374	22.0	0	0.0	38	2.3	0	0.0	0	0.0	0	0.0	703	41.4
			Total	0	0.0	0	0.0	357	21.0	0	0.0	749	44.1	0	0.0	516	30.4	0	0.0	78	4.6	0	0.0	0	0.0	0	0.0	1,700	100.0

Appendix A.3. Age and sex of chinook salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap. (page 3 of 3)

Year	Sample Dates	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
	Grand Total	1,142	M	0	0.0	0	0.0	2,000	20.6	0	0.0	2,630	27.2	10	0.1	1,278	13.2	0	0.0	73	0.8	0	0.0	0	0.0	0	0.0	5,995	61.9
			F	0	0.0	0	0.0	16	0.2	0	0.0	1,154	11.9	0	0.0	2,393	24.7	0	0.0	128	1.3	0	0.0	0	0.0	0	0.0	3,691	38.1
			Total	0	0.0	0	0.0	2,016	20.8	0	0.0	3,784	39.1	10	0.1	3,671	37.9	0	0.0	201	2.1	0	0.0	0	0.0	0	0.0	9,686	100.0

[a] The weir washed out escapement numbers are not available.

[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".

Appendix A.4. Mean length (mm) of chinook salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap. (page 1 of 5)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1998[b]	7/1,7	M	Mean Length					728		789					
			Std. Error					33		-					
			Range					575- 879		789- 789					
			Sample Size	0	0	0	0	10	0	1	0	0	0	0	0
		F	Mean Length					705		697					
			Std. Error					13		-					
			Range					681- 725		697- 697					
			Sample Size	0	0	0	0	3	0	1	0	0	0	0	0
1999[b]		M	Mean Length					690		863					
			Std. Error					-		45					
			Range					690-690		775-925					
			Sample Size	0	0	0	0	1	0	3	0	0	0	0	0
		F	Mean Length							894					
			Std. Error							6					
			Range							885-905					
			Sample Size	0	0	0	0	0	0	3	0	0	0	0	0
2000[b]	Season	M	Mean Length			540		795		740					
			Range			540- 540		795-795		715- 780					
			Sample Size	0	0	1	0	1	0	3	0	0	0	0	0
		F	Mean Length							730					
			Range							690- 770					
			Sample Size	0	0	0	0	0	0	2	0	0	0	0	0
2001[b]	6/30,7/2-3,5,8	M	Mean Length			530		675		800					
			Std. Error			24		13		8					
			Range			455-605		580-760		790- 815					
			Sample Size	0	0	5	0	19	0	3	0	0	0	0	0
		F	Mean Length					818		830					
			Std. Error					-		35					
			Range					818- 818		744- 936					
			Sample Size	0	0	0	0	1	0	6	0	0	0	0	0
	7/11-14,16,19	M	Mean Length			525		686		772					
			Std. Error			7		19		23					
			Range			515-546		602- 767		699- 860					
			Sample Size	0	0	4	0	8	0	6	0	0	0	0	0
		F	Mean Length					752		819		955			
			Std. Error					-		16		48			
			Range					752- 752		740- 935		859- 1010			
			Sample Size	0	0	0	0	1	0	18	0	3	0	0	0

Appendix A.4. Mean length (mm) of chinook salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap. (page 2 of 5)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length			528		678		781					
			Std. Error			14		11		16					
			Range			455-605		580- 767		699- 860					
			Sample Size	0	0	9	0	27	0	9	0	0	0	0	0
		F	Mean Length					785		821		955			
			Std. Error					-		15		48			
			Range					752- 818		740- 936		859- 1010			
			Sample Size	0	0	0	0	2	0	24	0	3	0	0	0
2002	6/26-30 (6/15-30)	M	Mean Length			578		693	532	751		804			
			Std Error			8		15		17		-			
			Range			536-674		622-777	532-532	657-972		804-804			
			Sample Size	0	0	20	0	9	1	23	0	1	0	0	0
		F	Mean Length					638		780		881			
			Std Error					16		14		71			
			Range					622-653		687-915		742-970			
			Sample Size	0	0	0	0	2	0	27	0	3	0	0	0
	7/1-4 (7/1-6)	M	Mean Length			557		694		753		846			
			Std Error			6		15		20		-			
			Range			510-651		596-802		677-908		846-846			
			Sample Size	0	0	22	0	16	0	15	0	1	0	0	0
		F	Mean Length							788		836			
			Std Error							17		-			
			Range							658-925		836-836			
			Sample Size	0	0	0	0	0	0	18	0	1	0	0	0
	7/8-14 (7/7-15)	M	Mean Length			555		691		739					
			Std Error			23		20		22					
			Range			453-661		543-764		673 940					
			Sample Size	0	0	9	0	12	0	11	0	0	0	0	0
		F	Mean Length			587		691		784		934			
			Std Error			-		25		12		81			
			Range			587-587		625-735		689-874		853-1015			
			Sample Size	0	0	1	0	4	0	23	0	2	0	0	0
	7/16-21,23-25, 30,8/1 (7/16-9/22)	M	Mean Length			566		673		812					
			Std Error			16		18		34					
			Range			509-611		557-747		566-964					
			Sample Size	0	0	7	0	11	0	10	0	0	0	0	0
		F	Mean Length					762		837		893			
			Std Error					29		15		57			
			Range					717-876		689-930		836-950			
			Sample Size	0	0	0	0	5	0	22	0	2	0	0	0

Appendix A.4. Mean length (mm) of chinook salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap. (page 3 of 5)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season [a]	M	Mean Length			566		691	532	754		825			
			Range			453-674		543-802	532-532	566-972		804-846			
			Sample Size	0	0	58	0	48	1	59	0	2	0	0	0
		F	Mean Length			587		695		790		887			
			Range			587-587		622-876		658-930		742-1015			
			Sample Size	0	0	1	0	11	0	90	0	8	0	0	0
2003 [b]	6/30-7/2	M	Mean Length			525		733		847		956			
			Range			483- 583		662- 826		794- 923		891-1020			
			Sample Size	0	0	3	0	14	0	5	0	2	0	0	0
		F	Mean Length					744		844		817			
			Range					718- 762		764- 933		817- 817			
			Sample Size	0	0	0	0	8	0	6	0	1	0	0	0
2004	6/21-22,28-30 (6/15-7/5)	M	Mean Length			591		694		783					
			Std. Error			7		7		19					
			Range			460- 753		599- 853		662- 950					
			Sample Size	0	0	47	0	52	0	15	0	0	0	0	0
		F	Mean Length			578		724		818					
			Std. Error			-		10		12					
			Range			587-587		676- 802		686- 940					
			Sample Size	0	0	1	0	13	0	40	0	0	0	0	0
	7/6-8,12-16 (7/6-7/18)	M	Mean Length			594		718		853					
			Std. Error			9		8		29					
			Range			507- 698		660- 850		708-1010					
			Sample Size	0	0	29	0	31	0	12	0	0	0	0	0
		F	Mean Length					712		824					
			Std. Error					14		14					
			Range					662- 789		701- 980					
			Sample Size	0	0	0	0	11	0	24	0	0	0	0	0
	7/19-20,28,8/3-5 (7/19-9/18)	M	Mean Length			586		709		895					
			Std. Error			21		17		65					
			Range			565-627		615- 822		830- 960					
			Sample Size	0	0	3	0	12	0	2	0	0	0	0	0
		F	Mean Length					802		851					
			Std. Error					30		10					
			Range					743- 834		835- 900					
			Sample Size	0	0	0	0	3	0	6	0	0	0	0	0
	Season	M	Mean Length			592		704		821					
			Range			460- 753		599- 853		662-1010					
			Sample Size	0	0	79	0	95	0	29	0	0	0	0	0
		F	Mean Length			587		728		823					
			Range			587-587		662- 834		686- 980					
			Sample Size	0	0	1	0	27	0	70	0	0	0	0	0

Appendix A.4. Mean length (mm) of chinook salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap. (page 4 of 5)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2005	6/29-7/6	M	Mean Length			569		696		809					
	(6/15-7/7)		Std. Error			11		8		25					
			Range			460- 640		584- 840		687-1010					
			Sample Size	0	0	18	0	39	0	14	0	0	0	0	0
		F	Mean Length					719		776		725			
			Std. Error					11		15		-			
			Range					630- 825		660- 951		725- 725			
			Sample Size	0	0	0	0	17	0	22	0	1	0	0	0
	7/8-13	M	Mean Length			575		693		773					
	(7/8-14)		Std. Error			12		8		27					
			Range			535- 645		628- 825		641- 920					
			Sample Size	0	0	12	0	32	0	13	0	0	0	0	0
		F	Mean Length					720		779		895			
			Std. Error					8		12		-			
			Range					650- 795		651- 881		895- 895			
			Sample Size	0	0	0	0	28	0	29	0	1	0	0	0
	7/15-24	M	Mean Length			577		710		857		827			
	(7/15-24)		Std. Error			6		10		50		114			
			Range			551- 600		630- 790		686-1250		713- 940			
			Sample Size	0	0	8	0	19	0	11	0	2	0	0	0
		F	Mean Length					720		815		880			
			Std. Error					12		16		-			
			Range					653- 805		640- 905		880- 880			
			Sample Size	0	0	0	0	15	0	18	0	1	0	0	0
	7/25-8/18	M	Mean Length			600		689		854					
	(7/25-9/20)		Std. Error			25		12		35					
			Range			534- 689		630- 765		698-1011					
			Sample Size	0	0	5	0	14	0	10	0	0	0	0	0
		F	Mean Length					717		811		1055			
			Std. Error					19		11		-			
			Range					600- 870		666- 940		1055-1055			
			Sample Size	0	0	0	0	15	0	39	0	1	0	0	0
	Season	M	Mean Length			572		697		812		827			
			Range			460- 689		584- 840		641-1250		713- 940			
			Sample Size	0	0	43	0	104	0	48	0	2	0	0	0
		F	Mean Length					719		786		815			
			Range					600- 870		640- 951		725-1055			
			Sample Size	0	0	0	0	75	0	108	0	4	0	0	0

Appendix A.4. Mean length (mm) of chinook salmon at the Tatlawiksuk River weir based on escapement samples collected with a fish trap. (page 5 of 5)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2006	6/28-7/12	M	Mean Length			584		682		779		820			
	(6/15-7/13)		Std. Error			9		11		38		93			
			Range			515- 660		585- 780		625- 905		725-1005			
			Sample Size	0	0	19	0	23	0	8	0	3	0	0	0
		F	Mean Length					721		816		795			
			Std. Error					13		15		65			
			Range					670- 870		710- 935		730- 860			
			Sample Size	0	0	0	0	16	0	19	0	2	0	0	0
	714-17	M	Mean Length			564		685		698					
	(7/14-18)		Std. Error			8		13		18					
			Range			520- 605		540- 810		680- 715					
			Sample Size	0	0	12	0	19	0	2	0	0	0	0	0
		F	Mean Length					688		758		790			
			Std. Error					17		10		-			
			Range					650- 730		730- 785		790- 790			
			Sample Size	0	0	0	0	4	0	6	0	1	0	0	0
	719-8/7	M	Mean Length			544		677		740					
	(7/19-9/20)		Std. Error			13		22		54					
			Range			495- 605		615- 805		610- 860					
			Sample Size	0	0	7	0	9	0	4	0	0	0	0	0
		F	Mean Length					746		808		850			
			Std. Error					15		18		-			
			Range					670- 805		695- 905		850- 850			
			Sample Size	0	0	0	0	9	0	14	0	1	0	0	0
	Season	M	Mean Length			575		682		766		820			
			Range			495- 660		540- 810		610- 905		725-1005			
			Sample Size	0	0	38	0	51	0	14	0	3	0	0	0
		F	Mean Length					724		810		804			
			Range					650- 870		695- 935		730- 860			
			Sample Size	0	0	0	0	29	0	39	0	4	0	0	0
	Grand	M	Mean Length			581		694	532	787		824			
	Total		Range			453-753		543-853	532-532	566-1010		713- 1005			
			Sample Size	0	0	218	0	298	1	150	0	7	0	0	0
		F	Mean Length			587		717		802		835			
			Range			512- 625		622-876		658-980		725-1055			
			Sample Size	0	0	2	0	142	0	307	0	16	0	0	0

[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 "Grand Total".

Appendix A.5. Age and sex of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[ab] (page 1 of 12)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
1971 [e]	7/13	14	M		0.0		0.0		0.0		0.0		21.4		0.0		42.8		0.0		0.0		7.1		0.0		0.0		71.4
			F		0.0		0.0		0.0		0.0		0.0		0.0		28.6		0.0		0.0		0.0		0.0		0.0		28.6
	Season		Total		0.0		0.0		0.0		0.0		21.4		0.0		71.4		0.0		0.0		7.1		0.0		0.0		100.0
1972 [e]	8/5	4	M		0.0		0.0		0.0		0.0		25.0		0.0		25.0		0.0		0.0		0.0		0.0		0.0		50.0
			F		0.0		0.0		0.0		0.0		0.0		0.0		25.0		0.0		0.0		25.0		0.0		0.0		50.0
	Season		Total		0.0		0.0		0.0		0.0		25.0		0.0		50.0		0.0		0.0		25.0		0.0		0.0		100.0
1973 [e]	8/2-3,9	10	M		0.0		0.0		0.0		0.0		30.0		0.0		30.0		0.0		0.0		0.0		0.0		0.0		60.0
			F		0.0		0.0		0.0		0.0		0.0		0.0		30.0		0.0		10.0		0.0		0.0		0.0		40.0
	Season		Total		0.0		0.0		0.0		0.0		30.0		0.0		60.0		0.0		10.0		0.0		0.0		0.0		100.0
1974	Season	0	M	NO ASL DATA																									
			F																										
			Total																										
1975	Season	0	M	NO ASL DATA																									
			F																										
			Total																										
1976	7/1-2	37	M	0	0.0	0	0.0	3	5.4	0	0.0	23	40.5	0	0.0	12	21.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	38	67.6
	(6/29-7/4)		F	0	0.0	0	0.0	0	0.0	0	0.0	1	2.7	0	0.0	17	29.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	18	32.4
			Subtotal	0	0.0	0	0.0	3	5.4	0	0.0	24	43.2	0	0.0	29	51.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	56	100.0
	7/8-11	111	M	0	0.0	0	0.0	140	8.1	0	0.0	889	51.4	0	0.0	218	12.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,247	72.1
	(7/5-12)		F	0	0.0	0	0.0	0	0.0	0	0.0	31	1.8	0	0.0	452	26.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	483	27.9
			Subtotal	0	0.0	0	0.0	140	8.1	0	0.0	920	53.2	0	0.0	670	38.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,730	100.0
	7/13,15-16	102	M	0	0.0	0	0.0	120	7.8	0	0.0	598	39.2	0	0.0	105	6.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	823	53.9
	(7/13-16)		F	0	0.0	0	0.0	0	0.0	0	0.0	75	4.9	0	0.0	628	41.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	703	46.1
			Subtotal	0	0.0	0	0.0	120	7.8	0	0.0	673	44.1	0	0.0	733	48.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,526	100.0
	7/17-19,21	97	M	0	0.0	0	0.0	165	7.2	0	0.0	542	23.7	24	1.0	259	11.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	991	43.3
	(7/17-8/5)		F	0	0.0	0	0.0	0	0.0	0	0.0	118	5.2	0	0.0	1,156	50.5	0	0.0	24	1.0	0	0.0	0	0.0	0	0.0	1,297	56.7
			Subtotal	0	0.0	0	0.0	165	7.2	0	0.0	660	28.9	24	1.0	1,415	61.9	0	0.0	24	1.0	0	0.0	0	0.0	0	0.0	2,288	100.0
	Season	347	M	0	0.0	0	0.0	428	7.6	0	0.0	2,052	36.7	24	0.4	594	10.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,098	55.3
			F	0	0.0	0	0.0	0	0.0	0	0.0	225	4.0	0	0.0	2,253	40.2	0	0.0	24	0.4	0	0.0	0	0.0	0	0.0	2,502	44.7
			Total	0	0.0	0	0.0	428	7.6	0	0.0	2,277	40.7	24	0.4	2,847	50.8	0	0.0	24	0.4	0	0.0	0	0.0	0	0.0	5,600	100.0
1977	Season	0	M	NO ASL DATA																									
			F																										
			Total																										
1978	6/28,7/1-2	120	M	0	0.0	0	0.0	163	11.7	0	0.0	187	13.4	0	0.0	350	25.0	70	5.0	23	1.7	70	5.0	0	0.0	0	0.0	864	61.7
	(6/18-7/3)		F	0	0.0	0	0.0	0	0.0	0	0.0	11	0.8	0	0.0	374	26.7	0	0.0	70	5.0	82	5.8	0	0.0	0	0.0	537	38.3
			Subtotal	0	0.0	0	0.0	163	11.7	0	0.0	198	14.2	0	0.0	724	51.7	70	5.0	93	6.7	152	10.8	0	0.0	0	0.0	1,401	100.0

Appendix A.5. Age and sex of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[ab] (page 2 of 12)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	7/4,6-8	90	M	0	0.0	0	0.0	668	18.9	0	0.0	432	12.2	0	0.0	746	21.1	118	3.3	39	1.1	236	6.7	0	0.0	0	0.0	2,238	63.3
	(7/4-9)		F	0	0.0	0	0.0	0	0.0	0	0.0	39	1.1	0	0.0	942	26.7	0	0.0	79	2.2	235	6.6	0	0.0	0	0.0	1,296	36.7
			Subtotal	0	0.0	0	0.0	668	18.9	0	0.0	471	13.3	0	0.0	1,688	47.8	118	3.3	118	3.3	471	13.3	0	0.0	0	0.0	3,534	100.0
	7/10,13-14,16-17	133	M	0	0.0	0	0.0	995	17.3	0	0.0	649	11.3	0	0.0	1,341	23.3	0	0.0	87	1.5	86	1.5	0	0.0	0	0.0	3,158	54.9
	(7/10-18)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,034	35.3	0	0.0	86	1.5	476	8.3	0	0.0	0	0.0	2,596	45.1
			Subtotal	0	0.0	0	0.0	995	17.3	0	0.0	649	11.3	0	0.0	3,375	58.6	0	0.0	173	3.0	562	9.8	0	0.0	0	0.0	5,754	100.0
	7/19-20,22-23	101	M	0	0.0	0	0.0	272	12.9	0	0.0	42	2.0	0	0.0	334	15.8	0	0.0	0	0.0	42	2.0	0	0.0	0	0.0	690	32.7
	(7/19-24)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,087	51.5	0	0.0	21	1.0	313	14.8	0	0.0	0	0.0	1,421	67.3
			Subtotal	0	0.0	0	0.0	272	12.9	0	0.0	42	2.0	0	0.0	1,421	67.3	0	0.0	21	1.0	355	16.8	0	0.0	0	0.0	2,111	100.0
	7/25-26,29	72	M	0	0.0	24	2.8	229	26.4	0	0.0	48	5.5	0	0.0	97	11.1	0	0.0	0	0.0	12	1.4	0	0.0	0	0.0	409	47.2
	(7/25-8/18)		F	0	0.0	0	0.0	0	0.0	0	0.0	24	2.8	0	0.0	337	38.9	0	0.0	0	0.0	96	11.1	0	0.0	0	0.0	458	52.8
			Subtotal	0	0.0	24	2.8	229	26.4	0	0.0	72	8.3	0	0.0	434	50.0	0	0.0	0	0.0	108	12.5	0	0.0	0	0.0	867	100.0
	Season	516	M	0	0.0	24	0.2	2,327	17.0	0	0.0	1,358	9.9	0	0.0	2,868	21.0	188	1.4	149	1.1	446	3.3	0	0.0	0	0.0	7,360	53.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	75	0.6	0	0.0	4,774	34.9	0	0.0	256	1.9	1,203	8.8	0	0.0	0	0.0	6,307	46.2
			Total	0	0.0	24	0.2	2,327	17.0	0	0.0	1,433	10.5	0	0.0	7,642	55.9	188	1.4	405	3.0	1,649	12.1	0	0.0	0	0.0	13,667	100.0
1979	7/1-3	75	M	0	0.0	0	0.0	502	53.3	0	0.0	213	22.7	0	0.0	38	4.0	0	0.0	13	1.3	0	0.0	0	0.0	0	0.0	765	81.3
	(6/20-7/4)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	150	16.0	0	0.0	25	2.7	0	0.0	0	0.0	0	0.0	176	18.7
			Subtotal	0	0.0	0	0.0	502	53.3	0	0.0	213	22.7	0	0.0	188	20.0	0	0.0	38	4.0	0	0.0	0	0.0	0	0.0	941	100.0
	7/5-6,8-9	99	M	0	0.0	0	0.0	1,414	58.6	0	0.0	341	14.2	0	0.0	219	9.1	0	0.0	73	3.0	0	0.0	0	0.0	0	0.0	2,048	84.8
	(7/5-10)		F	0	0.0	0	0.0	0	0.0	0	0.0	25	1.0	0	0.0	244	10.1	0	0.0	98	4.1	0	0.0	0	0.0	0	0.0	366	15.2
			Subtotal	0	0.0	0	0.0	1,414	58.6	0	0.0	366	15.2	0	0.0	463	19.2	0	0.0	171	7.1	0	0.0	0	0.0	0	0.0	2,414	100.0
	7/12-18	126	M	0	0.0	0	0.0	4,242	72.2	0	0.0	746	12.7	0	0.0	279	4.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,267	89.7
	(7/11-19)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	513	8.7	0	0.0	93	1.6	0	0.0	0	0.0	0	0.0	606	10.3
			Subtotal	0	0.0	0	0.0	4,242	72.2	0	0.0	746	12.7	0	0.0	792	13.5	0	0.0	93	1.6	0	0.0	0	0.0	0	0.0	5,873	100.0
	7/20-21,23-24	83	M	0	0.0	0	0.0	1,347	63.9	0	0.0	280	13.3	0	0.0	127	6.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,754	83.1
	(7/20-8/26)		F	0	0.0	0	0.0	0	0.0	0	0.0	25	1.2	0	0.0	280	13.3	0	0.0	51	2.4	0	0.0	0	0.0	0	0.0	356	16.9
			Subtotal	0	0.0	0	0.0	1,347	63.9	0	0.0	305	14.5	0	0.0	407	19.3	0	0.0	51	2.4	0	0.0	0	0.0	0	0.0	2,110	100.0
	Season	383	M	0	0.0	0	0.0	7,505	66.2	0	0.0	1,580	13.9	0	0.0	664	5.8	0	0.0	86	0.8	0	0.0	0	0.0	0	0.0	9,835	86.7
			F	0	0.0	0	0.0	0	0.0	0	0.0	50	0.5	0	0.0	1,187	10.5	0	0.0	266	2.3	0	0.0	0	0.0	0	0.0	1,503	13.3
			Total	0	0.0	0	0.0	7,505	66.2	0	0.0	1,630	14.4	0	0.0	1,851	16.3	0	0.0	352	3.1	0	0.0	0	0.0	0	0.0	11,338	100.0
1980[e]	7/2-8/4	118	M		0.0		0.0		21.2		0.0		42.4		0.0		4.2		0.0		2.5		0.0		0.0		0.0		70.3
			F		0.0		0.0		0.0		0.0		9.3		0.0		15.3		0.0		5.1		0.0		0.0		0.0		29.7
	Season		Total		0.0		0.0		21.2		0.0		51.7		0.0		19.5		0.0		7.6		0.0		0.0		0.0		100.0
1981	6/28-29,7/1-3	159	M	0	0.0	0	0.0	517	11.3	0	0.0	1,752	38.4	0	0.0	1,005	22.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,274	71.7
	(6/17-7/3)		F	0	0.0	0	0.0	29	0.6	0	0.0	58	1.2	0	0.0	1,178	25.8	0	0.0	29	0.6	0	0.0	0	0.0	0	0.0	1,293	28.3
			Subtotal	0	0.0	0	0.0	546	11.9	0	0.0	1,810	39.6	0	0.0	2,183	47.8	0	0.0	29	0.6	0	0.0	0	0.0	0	0.0	4,567	100.0
	7/4-7	137	M	0	0.0	0	0.0	354	8.8	0	0.0	1,296	32.1	0	0.0	943	23.3	0	0.0	89	2.2	0	0.0	0	0.0	0	0.0	2,681	66.4
	(7/4-7)		F	0	0.0	0	0.0	0	0.0	0	0.0	148	3.7	0	0.0	1,060	26.3	0	0.0	147	3.6	0	0.0	0	0.0	0	0.0	1,355	33.6
			Subtotal	0	0.0	0	0.0	354	8.8	0	0.0	1,444	35.8	0	0.0	2,003	49.6	0	0.0	236	5.8	0	0.0	0	0.0	0	0.0	4,036	100.0

Appendix A.5. Age and sex of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[ab] (page 3 of 12)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	7/8-11	124	M	0	0.0	0	0.0	115	3.2	0	0.0	917	25.8	0	0.0	573	16.1	0	0.0	86	2.4	0	0.0	0	0.0	0	0.0	1,690	47.6
	(7/8-11)		F	0	0.0	0	0.0	0	0.0	0	0.0	28	0.8	0	0.0	1,805	50.8	0	0.0	29	0.8	0	0.0	0	0.0	0	0.0	1,862	52.4
			Subtotal	0	0.0	0	0.0	115	3.2	0	0.0	945	26.6	0	0.0	2,378	66.9	0	0.0	115	3.2	0	0.0	0	0.0	0	0.0	3,552	100.0
	7/12-16,18	156	M	0	0.0	0	0.0	143	4.5	0	0.0	552	17.3	0	0.0	572	17.9	0	0.0	41	1.3	0	0.0	0	0.0	0	0.0	1,308	41.0
	(7/12-18)		F	0	0.0	0	0.0	0	0.0	0	0.0	102	3.2	0	0.0	1,594	50.0	0	0.0	184	5.8	0	0.0	0	0.0	0	0.0	1,880	59.0
			Subtotal	0	0.0	0	0.0	143	4.5	0	0.0	654	20.5	0	0.0	2,166	67.9	0	0.0	225	7.1	0	0.0	0	0.0	0	0.0	3,188	100.0
	7/19,21-23	134	M	0	0.0	0	0.0	25	2.2	0	0.0	107	9.7	0	0.0	108	9.7	0	0.0	8	0.7	0	0.0	0	0.0	0	0.0	248	22.4
	(7/19-24)		F	0	0.0	0	0.0	0	0.0	0	0.0	58	5.2	0	0.0	768	69.4	0	0.0	33	3.0	0	0.0	0	0.0	0	0.0	859	77.6
			Subtotal	0	0.0	0	0.0	25	2.2	0	0.0	165	14.9	0	0.0	876	79.1	0	0.0	41	3.7	0	0.0	0	0.0	0	0.0	1,107	100.0
	7/25-9/14	87	M	0	0.0	41	11.5	62	17.2	0	0.0	70	19.5	0	0.0	37	10.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	209	58.6
	(7/25-9/20)		F	0	0.0	4	1.1	0	0.0	0	0.0	8	2.3	0	0.0	131	36.8	0	0.0	4	1.1	0	0.0	0	0.0	0	0.0	148	41.4
			Subtotal	0	0.0	45	12.6	62	17.2	0	0.0	78	21.8	0	0.0	168	47.1	0	0.0	4	1.1	0	0.0	0	0.0	0	0.0	357	100.0
	Season	797	M	0	0.0	41	0.3	1,214	7.2	0	0.0	4,694	27.9	0	0.0	3,238	19.3	0	0.0	223	1.3	0	0.0	0	0.0	0	0.0	9,410	56.0
			F	0	0.0	4	0.0	29	0.2	0	0.0	402	2.4	0	0.0	6,536	38.9	0	0.0	426	2.6	0	0.0	0	0.0	0	0.0	7,397	44.0
			Total	0	0.0	45	0.3	1,243	7.4	0	0.0	5,096	30.3	0	0.0	9,774	58.2	0	0.0	649	3.9	0	0.0	0	0.0	0	0.0	16,807	100.0
1982	7/9-14	98	M	0	0.0	0	0.0	359	4.1	0	0.0	1,886	21.4	0	0.0	1,796	20.4	0	0.0	180	2.0	0	0.0	0	0.0	0	0.0	4,221	48.0
	(6/18-7/14)		F	0	0.0	0	0.0	0	0.0	0	0.0	270	3.1	0	0.0	4,042	45.9	0	0.0	269	3.1	0	0.0	0	0.0	0	0.0	4,581	52.0
			Subtotal	0	0.0	0	0.0	359	4.1	0	0.0	2,156	24.5	0	0.0	5,838	66.3	0	0.0	449	5.1	0	0.0	0	0.0	0	0.0	8,802	100.0
	7/15-19	108	M	0	0.0	0	0.0	170	13.0	0	0.0	255	19.5	0	0.0	243	18.5	0	0.0	12	0.9	0	0.0	0	0.0	0	0.0	681	51.9
	(7/15-19)		F	0	0.0	0	0.0	0	0.0	0	0.0	12	0.9	0	0.0	535	40.8	0	0.0	85	6.5	0	0.0	0	0.0	0	0.0	632	48.1
			Subtotal	0	0.0	0	0.0	170	13.0	0	0.0	267	20.4	0	0.0	778	59.3	0	0.0	97	7.4	0	0.0	0	0.0	0	0.0	1,313	100.0
	7/20-25	92	M	0	0.0	0	0.0	53	9.8	0	0.0	64	11.9	0	0.0	35	6.5	0	0.0	6	1.1	0	0.0	0	0.0	0	0.0	158	29.3
	(7/20-25)		F	0	0.0	0	0.0	0	0.0	0	0.0	18	3.3	0	0.0	321	59.8	0	0.0	41	7.6	0	0.0	0	0.0	0	0.0	379	70.7
			Subtotal	0	0.0	0	0.0	53	9.8	0	0.0	82	15.2	0	0.0	356	66.3	0	0.0	47	8.7	0	0.0	0	0.0	0	0.0	537	100.0
	7/26-8/5	94	M	0	0.0	4	1.1	116	34.0	0	0.0	83	24.5	0	0.0	47	13.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	250	73.4
	(7/26-8/5)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	87	25.6	0	0.0	4	1.1	0	0.0	0	0.0	0	0.0	91	26.6
			Subtotal	0	0.0	4	1.1	116	34.0	0	0.0	83	24.5	0	0.0	134	39.4	0	0.0	4	1.1	0	0.0	0	0.0	0	0.0	341	100.0
	Season	392	M	0	0.0	4	0.0	698	6.4	0	0.0	2,289	20.8	0	0.0	2,121	19.3	0	0.0	198	1.8	0	0.0	0	0.0	0	0.0	5,310	48.3
			F	0	0.0	0	0.0	0	0.0	0	0.0	299	2.7	0	0.0	4,985	45.3	0	0.0	399	3.6	0	0.0	0	0.0	0	0.0	5,683	51.7
			Total	0	0.0	4	0.0	698	6.4	0	0.0	2,588	23.5	0	0.0	7,106	64.6	0	0.0	597	5.4	0	0.0	0	0.0	0	0.0	10,993	100.0
1983	6/25-30	105	M	0	0.0	0	0.0	9	6.7	0	0.0	34	24.8	0	0.0	40	29.5	0	0.0	3	1.9	0	0.0	0	0.0	0	0.0	86	62.9
	(6/24-30)		F	0	0.0	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	46	33.4	0	0.0	4	2.9	0	0.0	0	0.0	0	0.0	51	37.1
			Subtotal	0	0.0	0	0.0	9	6.7	0	0.0	35	25.7	0	0.0	86	62.9	0	0.0	7	4.8	0	0.0	0	0.0	0	0.0	137	100.0
	7/1-2,6	108	M	0	0.0	7	0.9	142	19.4	0	0.0	236	32.4	0	0.0	176	24.1	0	0.0	20	2.8	0	0.0	0	0.0	0	0.0	581	79.6
	(7/1-6)		F	0	0.0	0	0.0	0	0.0	0	0.0	7	0.9	0	0.0	128	17.6	0	0.0	14	1.8	0	0.0	0	0.0	0	0.0	149	20.4
			Subtotal	0	0.0	7	0.9	142	19.4	0	0.0	243	33.3	0	0.0	304	41.7	0	0.0	34	4.6	0	0.0	0	0.0	0	0.0	730	100.0
	7/7-9	135	M	0	0.0	0	0.0	111	31.9	0	0.0	80	23.0	0	0.0	68	19.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	259	74.1
	(7/7-9)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	75	21.5	0	0.0	16	4.4	0	0.0	0	0.0	0	0.0	91	25.9
			Subtotal	0	0.0	0	0.0	111	31.9	0	0.0	80	23.0	0	0.0	143	40.7	0	0.0	16	4.4	0	0.0	0	0.0	0	0.0	350	100.0

Appendix A.5. Age and sex of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[ab] (page 4 of 12)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	7/10-12	100	M	0	0.0	0	0.0	344	19.0	0	0.0	217	12.0	0	0.0	615	34.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,175	65.0
	(7/10-31)		F	0	0.0	0	0.0	0	0.0	0	0.0	18	1.0	0	0.0	542	30.0	0	0.0	72	4.0	0	0.0	0	0.0	0	0.0	633	35.0
			Subtotal	0	0.0	0	0.0	344	19.0	0	0.0	235	13.0	0	0.0	1,157	64.0	0	0.0	72	4.0	0	0.0	0	0.0	0	0.0	1,808	100.0
	Season	448	M	0	0.0	7	0.2	606	20.0	0	0.0	568	18.8	0	0.0	898	29.7	0	0.0	23	0.7	0	0.0	0	0.0	0	0.0	2,102	69.5
			F	0	0.0	0	0.0	0	0.0	0	0.0	26	0.8	0	0.0	792	26.2	0	0.0	105	3.5	0	0.0	0	0.0	0	0.0	923	30.5
			Total	0	0.0	7	0.2	606	20.0	0	0.0	594	19.6	0	0.0	1,690	55.9	0	0.0	128	4.2	0	0.0	0	0.0	0	0.0	3,025	100.0
1984	6/19,23-30	146	M	0	0.0	0	0.0	23	11.6	0	0.0	97	48.6	0	0.0	34	17.1	0	0.0	4	2.1	0	0.0	0	0.0	0	0.0	159	79.5
	(6/19-30)		F	0	0.0	0	0.0	0	0.0	0	0.0	5	2.7	0	0.0	29	14.4	0	0.0	7	3.4	0	0.0	0	0.0	0	0.0	41	20.5
			Subtotal	0	0.0	0	0.0	23	11.6	0	0.0	103	51.3	0	0.0	63	31.5	0	0.0	11	5.5	0	0.0	0	0.0	0	0.0	200	100.0
	7/1-4	200	M	0	0.0	0	0.0	202	20.0	0	0.0	546	54.0	0	0.0	76	7.5	0	0.0	25	2.5	0	0.0	0	0.0	0	0.0	850	84.0
	(7/1-4)		F	0	0.0	0	0.0	5	0.5	0	0.0	20	2.0	0	0.0	101	10.0	0	0.0	35	3.5	0	0.0	0	0.0	0	0.0	162	16.0
			Subtotal	0	0.0	0	0.0	207	20.5	0	0.0	567	56.0	0	0.0	177	17.5	0	0.0	61	6.0	0	0.0	0	0.0	0	0.0	1,012	100.0
	7/5-7	153	M	0	0.0	0	0.0	76	15.0	0	0.0	286	56.2	0	0.0	53	10.5	0	0.0	7	1.3	0	0.0	0	0.0	0	0.0	422	83.0
	(7/5-7)		F	0	0.0	0	0.0	0	0.0	0	0.0	7	1.3	0	0.0	60	11.8	0	0.0	20	3.9	0	0.0	0	0.0	0	0.0	87	17.0
			Subtotal	0	0.0	0	0.0	76	15.0	0	0.0	293	57.5	0	0.0	114	22.3	0	0.0	26	5.2	0	0.0	0	0.0	0	0.0	509	100.0
	7/8-11	135	M	0	0.0	0	0.0	87	20.0	0	0.0	226	51.9	0	0.0	39	8.9	0	0.0	3	0.7	0	0.0	0	0.0	0	0.0	355	81.5
	(7/8 - 11)		F	0	0.0	0	0.0	0	0.0	0	0.0	16	3.7	0	0.0	55	12.6	0	0.0	10	2.2	0	0.0	0	0.0	0	0.0	81	18.5
			Subtotal	0	0.0	0	0.0	87	20.0	0	0.0	242	55.6	0	0.0	94	21.5	0	0.0	13	2.9	0	0.0	0	0.0	0	0.0	436	100.0
	7/12-14	155	M	0	0.0	0	0.0	259	29.7	0	0.0	360	41.3	0	0.0	73	8.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	692	79.4
	(7/12-14)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	163	18.7	0	0.0	17	1.9	0	0.0	0	0.0	0	0.0	179	20.6
			Subtotal	0	0.0	0	0.0	259	29.7	0	0.0	360	41.3	0	0.0	236	27.1	0	0.0	17	1.9	0	0.0	0	0.0	0	0.0	871	100.0
	7/15-17	152	M	0	0.0	0	0.0	214	25.7	0	0.0	344	41.4	0	0.0	98	11.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	656	78.9
	(7/15-17)		F	0	0.0	0	0.0	0	0.0	0	0.0	11	1.3	0	0.0	153	18.4	0	0.0	11	1.3	0	0.0	0	0.0	0	0.0	176	21.1
			Subtotal	0	0.0	0	0.0	214	25.7	0	0.0	355	42.7	0	0.0	251	30.2	0	0.0	11	1.3	0	0.0	0	0.0	0	0.0	832	100.0
	7/18-21	122	M	0	0.0	4	0.8	103	22.1	0	0.0	198	42.6	0	0.0	61	13.1	0	0.0	4	0.8	0	0.0	0	0.0	0	0.0	370	79.5
	(7/18-21)		F	0	0.0	0	0.0	0	0.0	0	0.0	4	0.8	0	0.0	88	18.9	0	0.0	0	0.0	0	0.0	4	0.8	0	0.0	95	20.5
			Subtotal	0	0.0	4	0.8	103	22.1	0	0.0	202	43.4	0	0.0	149	32.0	0	0.0	4	0.8	0	0.0	4	0.8	0	0.0	465	100.0
	7/22-28	185	M	0	0.0	0	0.0	94	22.7	0	0.0	128	30.8	0	0.0	32	7.6	0	0.0	5	1.1	0	0.0	0	0.0	0	0.0	259	62.2
	(7/22-28)		F	0	0.0	0	0.0	0	0.0	0	0.0	20	4.9	0	0.0	121	29.2	0	0.0	16	3.8	0	0.0	0	0.0	0	0.0	157	37.8
			Subtotal	0	0.0	0	0.0	94	22.7	0	0.0	149	35.7	0	0.0	153	36.8	0	0.0	20	4.9	0	0.0	0	0.0	0	0.0	416	100.0
	7/29-8/9,12-14	128	M	0	0.0	0	0.0	42	22.7	0	0.0	69	36.7	0	0.0	15	7.8	0	0.0	3	1.6	0	0.0	0	0.0	0	0.0	128	68.7
	(7/29-8/21)		F	0	0.0	0	0.0	0	0.0	0	0.0	3	1.6	0	0.0	50	26.6	0	0.0	6	3.1	0	0.0	0	0.0	0	0.0	59	31.3
			Subtotal	0	0.0	0	0.0	42	22.7	0	0.0	72	38.3	0	0.0	64	34.4	0	0.0	9	4.7	0	0.0	0	0.0	0	0.0	187	100.0
	Season	1,376	M	0	0.0	4	0.1	1,101	22.3	0	0.0	2,255	45.8	0	0.0	481	9.8	0	0.0	50	1.0	0	0.0	0	0.0	0	0.0	3,892	79.0
			F	0	0.0	0	0.0	5	0.1	0	0.0	86	1.8	0	0.0	820	16.6	0	0.0	121	2.4	0	0.0	4	0.1	0	0.0	1,036	21.0
			Total	0	0.0	4	0.1	1,106	22.5	0	0.0	2,341	47.5	0	0.0	1,301	26.4	0	0.0	171	3.5	0	0.0	4	0.1	0	0.0	4,928	100.0
1985	7/7-10	170	M	0	0.0	0	0.0	79	7.6	0	0.0	377	36.5	0	0.0	213	20.6	0	0.0	36	3.5	0	0.0	0	0.0	0	0.0	705	68.2
	(6/25-7/10)		F	0	0.0	0	0.0	0	0.0	0	0.0	25	2.4	0	0.0	285	27.6	0	0.0	19	1.8	0	0.0	0	0.0	0	0.0	329	31.8
			Subtotal	0	0.0	0	0.0	79	7.6	0	0.0	402	38.9	0	0.0	498	48.2	0	0.0	55	5.3	0	0.0	0	0.0	0	0.0	1,034	100.0

Appendix A.5. Age and sex of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[ab] (page 5 of 12)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	7/11-14	200	M	0	0.0	0	0.0	143	14.5	0	0.0	379	38.5	0	0.0	202	20.5	0	0.0	5	0.5	0	0.0	0	0.0	0	0.0	729	74.0
	(7/11-14)		F	0	0.0	0	0.0	0	0.0	0	0.0	20	2.0	0	0.0	217	22.0	0	0.0	20	2.0	0	0.0	0	0.0	0	0.0	256	26.0
			Subtotal	0	0.0	0	0.0	143	14.5	0	0.0	399	40.5	0	0.0	419	42.5	0	0.0	25	2.5	0	0.0	0	0.0	0	0.0	985	100.0
	7/15-18	209	M	0	0.0	0	0.0	186	19.6	0	0.0	349	36.8	0	0.0	150	15.8	0	0.0	9	1.0	0	0.0	0	0.0	0	0.0	694	73.2
	(7/15-18)		F	0	0.0	0	0.0	0	0.0	0	0.0	18	1.9	0	0.0	209	22.0	0	0.0	23	2.4	0	0.0	5	0.5	0	0.0	254	26.8
			Subtotal	0	0.0	0	0.0	186	19.6	0	0.0	367	38.7	0	0.0	358	37.8	0	0.0	32	3.4	0	0.0	5	0.5	0	0.0	948	100.0
	7/19-22	180	M	0	0.0	0	0.0	179	27.2	0	0.0	198	30.0	0	0.0	103	15.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	480	72.8
	(7/19-22)		F	0	0.0	0	0.0	0	0.0	0	0.0	11	1.7	0	0.0	154	23.3	0	0.0	14	2.2	0	0.0	0	0.0	0	0.0	179	27.2
			Subtotal	0	0.0	0	0.0	179	27.2	0	0.0	209	31.7	0	0.0	256	38.9	0	0.0	14	2.2	0	0.0	0	0.0	0	0.0	659	100.0
	7/23,25-27,29	165	M	0	0.0	0	0.0	118	16.4	0	0.0	178	24.8	0	0.0	104	14.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	401	55.8
	(7/23-29)		F	0	0.0	0	0.0	0	0.0	0	0.0	17	2.4	0	0.0	283	39.4	0	0.0	17	2.4	0	0.0	0	0.0	0	0.0	318	44.2
			Subtotal	0	0.0	0	0.0	118	16.4	0	0.0	196	27.2	0	0.0	388	53.9	0	0.0	17	2.4	0	0.0	0	0.0	0	0.0	719	100.0
	7/30-8/3,8/5-6,	118	M	0	0.0	0	0.0	42	15.3	0	0.0	65	23.7	0	0.0	46	16.9	0	0.0	2	0.8	0	0.0	0	0	0	0.0	156	56.8
	8/8-10,12		F	0	0.0	0	0.0	0	0.0	0	0.0	9	3.4	0	0.0	107	39.0	0	0.0	2	0.8	0	0.0	0	0	0	0.0	118	43.2
	(7/30-8/15)		Subtotal	0	0.0	0	0.0	42	15.3	0	0.0	74	27.1	0	0.0	153	55.9	0	0.0	4	1.6	0	0.0	0	0	0	0.0	274	100.0
	Season	1,042	M	0	0.0	0	0.0	746	16.2	0	0.0	1,546	33.5	0	0.0	818	17.7	0	0.0	53	1.1	0	0.0	0	0.0	0	0.0	3,165	68.5
			F	0	0.0	0	0.0	0	0.0	0	0.0	100	2.2	0	0.0	1,254	27.2	0	0.0	95	2.1	0	0.0	5	0.1	0	0.0	1,454	31.5
			Total	0	0.0	0	0.0	746	16.2	0	0.0	1,647	35.7	0	0.0	2,072	44.9	0	0.0	148	3.2	0	0.0	5	0.1	0	0.0	4,619	100.0
1986	6/30-7/6	176	M	0	0.0	0	0.0	27	6.8	0	0.0	245	61.9	0	0.0	40	10.2	0	0.0	9	2.3	0	0.0	0	0.0	0	0.0	321	81.3
	(6/30-7/6)		F	0	0.0	0	0.0	0	0.0	0	0.0	2	0.6	0	0.0	60	15.3	0	0.0	11	2.8	0	0.0	0	0.0	0	0.0	74	18.8
			Subtotal	0	0.0	0	0.0	27	6.8	0	0.0	247	62.5	0	0.0	101	25.5	0	0.0	20	5.1	0	0.0	0	0.0	0	0.0	395	100.1
	7/7-10	187	M	0	0.0	0	0.0	64	8.6	0	0.0	509	67.9	0	0.0	72	9.6	0	0.0	8	1.1	0	0.0	0	0.0	0	0.0	653	87.2
	(7/7-10)		F	0	0.0	0	0.0	0	0.0	0	0.0	8	1.1	0	0.0	80	10.7	0	0.0	8	1.1	0	0.0	0	0.0	0	0.0	96	12.8
			Subtotal	0	0.0	0	0.0	64	8.6	0	0.0	517	69.0	0	0.0	152	20.3	0	0.0	16	2.2	0	0.0	0	0.0	0	0.0	749	100.0
	7/11-14	188	M	0	0.0	0	0.0	126	11.2	0	0.0	595	52.7	0	0.0	84	7.4	0	0.0	24	2.1	0	0.0	0	0.0	0	0.0	829	73.4
	(7/11-14)		F	0	0.0	0	0.0	0	0.0	0	0.0	18	1.6	0	0.0	216	19.1	0	0.0	67	5.9	0	0.0	0	0.0	0	0.0	300	26.6
			Subtotal	0	0.0	0	0.0	126	11.2	0	0.0	613	54.3	0	0.0	299	26.5	0	0.0	90	8.0	0	0.0	0	0.0	0	0.0	1,129	100.0
	7/15-19	128	M	0	0.0	22	0.8	216	7.8	0	0.0	1,123	40.6	0	0.0	301	10.9	0	0.0	44	1.6	0	0.0	0	0.0	0	0.0	1,706	61.7
	(7/15-8/28)		F	0	0.0	0	0.0	0	0.0	0	0.0	64	2.3	0	0.0	799	28.9	0	0.0	194	7.0	0	0.0	0	0.0	0	0.0	1,059	38.3
			Subtotal	0	0.0	22	0.8	216	7.8	0	0.0	1,186	42.9	0	0.0	1,100	39.8	0	0.0	238	8.6	0	0.0	0	0.0	0	0.0	2,765	100.0
	Season	679	M	0	0.0	22	0.4	433	8.6	0	0.0	2,471	49.0	0	0.0	497	9.9	0	0.0	85	1.7	0	0.0	0	0.0	0	0.0	3,509	69.6
			F	0	0.0	0	0.0	0	0.0	0	0.0	92	1.8	0	0.0	1,155	22.9	0	0.0	279	5.5	0	0.0	0	0.0	0	0.0	1,529	30.4
			Total	0	0.0	22	0.4	433	8.6	0	0.0	2,563	50.9	0	0.0	1,652	32.8	0	0.0	365	7.2	0	0.0	0	0.0	0	0.0	5,038	100.0
1987[c]	7/15-16	117	M		0.0		0.0		25.6		0.0		23.9		0.0		21.4		0.0		0.9		0.0		0.0		0.0		71.8
			F		0.0		0.0		0.0		0.0		0.9		0.0		27.3		0.0		0.0		0.0		0.0		0.0		28.2
			Subtotal		0.0		0.0		25.6		0.0		24.8		0.0		48.7		0.0		0.9		0.0		0.0		0.0		100.0
	8/10-14	24	M		0.0		4.2		37.4		0.0		25.0		0.0		29.2		0.0		0.0		0.0		0.0		0.0		95.8
			F		0.0		0.0		0.0		0.0		0.0		0.0		4.2		0.0		0.0		0.0		0.0		0.0		4.2
			Subtotal		0.0		4.2		37.4		0.0		25.0		0.0		33.4		0.0		0.0		0.0		0.0		0.0		100.0
	Season	141	M		0.0		0.7		27.7		0.0		24.1		0.0		22.7		0.0		0.7		0.0		0.0		0.0		75.9
			F		0.0		0.0		0.0		0.0		0.7		0.0		23.4		0.0		0.0		0.0		0.0		0.0		24.1
			Total		0.0		0.7		27.7		0.0		24.8		0.0		46.1		0.0		0.7		0.0		0.0		0.0		100.0

Appendix A.5. Age and sex of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[ab] (page 6 of 12)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
1988	7/6-9	204	M	0	0.0	0	0.0	241	6.9	0	0.0	1,694	48.5	0	0.0	412	11.8	0	0.0	35	1.0	0	0.0	0	0.0	0	0.0	2,378	68.1
	(6/24-7/9)		F	0	0.0	0	0.0	0	0.0	0	0.0	258	7.4	0	0.0	650	18.6	0	0.0	206	5.9	0	0.0	0	0.0	0	0.0	1,114	31.9
			Subtotal	0	0.0	0	0.0	241	6.9	0	0.0	1,952	55.9	0	0.0	1,062	30.4	0	0.0	241	6.9	0	0.0	0	0.0	0	0.0	3,492	100.0
	7/10-13	208	M	0	0.0	0	0.0	170	6.7	0	0.0	1,147	45.2	0	0.0	317	12.5	0	0.0	25	1.0	0	0.0	0	0.0	0	0.0	1,660	65.4
	(7/10-13)		F	0	0.0	0	0.0	0	0.0	0	0.0	170	6.7	0	0.0	538	21.2	0	0.0	170	6.7	0	0.0	0	0.0	0	0.0	878	34.6
			Subtotal	0	0.0	0	0.0	170	6.7	0	0.0	1,317	51.9	0	0.0	855	33.7	0	0.0	195	7.7	0	0.0	0	0.0	0	0.0	2,538	100.0
	7/14-17	209	M	0	0.0	0	0.0	166	11.0	0	0.0	598	39.7	0	0.0	137	9.1	0	0.0	8	0.5	0	0.0	0	0.0	0	0.0	908	60.3
	(7/14-17)		F	0	0.0	0	0.0	0	0.0	0	0.0	158	10.5	0	0.0	324	21.5	0	0.0	116	7.7	0	0.0	0	0.0	0	0.0	598	39.7
			Subtotal	0	0.0	0	0.0	166	11.0	0	0.0	756	50.2	0	0.0	461	30.6	0	0.0	123	8.2	0	0.0	0	0.0	0	0.0	1,506	100.0
	7/18-21	140	M	0	0.0	0	0.0	46	12.1	0	0.0	158	41.4	0	0.0	22	5.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	226	59.3
	(7/18-21)		F	0	0.0	0	0.0	0	0.0	0	0.0	30	7.9	0	0.0	90	23.6	0	0.0	35	9.3	0	0.0	0	0.0	0	0.0	155	40.7
			Subtotal	0	0.0	0	0.0	46	12.1	0	0.0	188	49.3	0	0.0	112	29.3	0	0.0	35	9.3	0	0.0	0	0.0	0	0.0	381	100.0
	7/22-27	106	M	0	0.0	0	0.0	55	9.4	0	0.0	189	32.1	0	0.0	66	11.3	0	0.0	16	2.8	0	0.0	0	0.0	0	0.0	328	55.7
	(7/22-8/29)		F	0	0.0	0	0.0	0	0.0	0	0.0	78	13.2	0	0.0	116	19.8	0	0.0	66	11.3	0	0.0	0	0.0	0	0.0	260	44.3
			Subtotal	0	0.0	0	0.0	55	9.4	0	0.0	266	45.3	0	0.0	183	31.1	0	0.0	83	14.1	0	0.0	0	0.0	0	0.0	588	100.0
	Season	867	M	0	0.0	0	0.0	678	8.0	0	0.0	3,785	44.5	0	0.0	955	11.2	0	0.0	84	1.0	0	0.0	0	0.0	0	0.0	5,499	64.7
			F	0	0.0	0	0.0	0	0.0	0	0.0	694	8.2	0	0.0	1,718	20.2	0	0.0	594	7.0	0	0.0	0	0.0	0	0.0	3,006	35.3
			Total	0	0.0	0	0.0	678	8.0	0	0.0	4,479	52.7	0	0.0	2,672	31.4	0	0.0	678	8.0	0	0.0	0	0.0	0	0.0	8,505	100.0
1989[c]	7/7-10	110	M		0.0		0.0		10.0		0.0		19.1		0.0		32.8		0.0		0.9		0.0		0.0		0.0		62.8
			F		0.0		0.0		0.0		0.0		3.6		0.0		31.8		0.0		1.8		0.0		0.0		0.0		37.2
			Subtotal		0.0		0.0		10.0		0.0		22.7		0.0		64.6		0.0		2.7		0.0		0.0		0.0		100.0
	7/11-14	107	M		0.0		0.0		19.6		0.0		28.0		0.0		19.6		0.0		0.9		0.0		0.0		0.0		68.1
			F		0.0		0.0		0.0		0.0		0.0		0.0		31.9		0.0		0.0		0.0		0.0		0.0		31.9
			Subtotal		0.0		0.0		19.6		0.0		28.0		0.0		51.5		0.0		0.9		0.0		0.0		0.0		100.0
	Season	217	M		0.0		0.0		14.7		0.0		23.5		0.0		26.3		0.0		0.9		0.0		0.0		0.0		65.4
			F		0.0		0.0		0.0		0.0		1.8		0.0		31.9		0.0		0.9		0.0		0.0		0.0		34.6
			Total		0.0		0.0		14.7		0.0		25.3		0.0		58.2		0.0		1.8		0.0		0.0		0.0		100.0
1990[d]	6/30-7/7	152	M	0	0.0	32	1.3	808	32.9	0	0.0	1,228	50.0	0	0.0	113	4.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,181	88.8
	(6/19-7/7)		F	0	0.0	0	0.0	0	0.0	0	0.0	145	5.9	0	0.0	130	5.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	275	11.2
			Subtotal	0	0.0	32	1.3	808	32.9	0	0.0	1,373	55.9	0	0.0	243	9.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,456	100.0
	7/8-14	135	M	0	0.0	127	3.0	1,257	29.6	0	0.0	1,950	45.9	0	0.0	64	1.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,398	80.0
	(7/8-14)		F	0	0.0	0	0.0	0	0.0	0	0.0	506	11.9	0	0.0	314	7.4	0	0.0	30	0.7	0	0.0	0	0.0	0	0.0	850	20.0
			Subtotal	0	0.0	127	3.0	1,257	29.6	0	0.0	2,455	57.8	0	0.0	378	8.9	0	0.0	30	0.7	0	0.0	0	0.0	0	0.0	4,248	100.0
	7/15-20,22	80	M	0	0.0	134	3.8	397	11.3	0	0.0	1,757	50.0	0	0.0	88	2.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,372	67.5
	(7/15-8/23)		F	0	0.0	0	0.0	0	0.0	0	0.0	703	20.0	0	0.0	439	12.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,142	32.5
			Subtotal	0	0.0	134	3.8	397	11.3	0	0.0	2,460	70.0	0	0.0	527	15.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,514	100.0
	Season	367	M	0	0.0	293	2.9	2,463	24.1	0	0.0	4,935	48.3	0	0.0	265	2.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7,951	77.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	1,353	13.2	0	0.0	884	8.6	0	0.0	30	0.3	0	0.0	0	0.0	0	0.0	2,267	22.2
			Total	0	0.0	293	2.9	2,463	24.1	0	0.0	6,288	61.5	0	0.0	1,148	11.2	0	0.0	30	0.3	0	0.0	0	0.0	0	0.0	10,218	100.0

Appendix A.5. Age and sex of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[ab] (page 7 of 12)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
1991	7/6-10	80	M	0	0.0	0	0.0	112	3.8	0	0.0	702	23.8	0	0.0	923	31.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,734	58.8
	(7/4-10)		F	0	0.0	0	0.0	0	0.0	0	0.0	112	3.8	0	0.0	1,106	37.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,218	41.3
			Subtotal	0	0.0	0	0.0	112	3.8	0	0.0	814	27.6	0	0.0	2,029	68.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,949	100.1
	7/11-14	75	M	0	0.0	0	0.0	154	8.0	0	0.0	488	25.3	25	1.3	333	17.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,002	52.0
	(7/11-14)		F	0	0.0	0	0.0	0	0.0	0	0.0	102	5.3	0	0.0	796	41.3	0	0.0	25	1.3	0	0.0	0	0.0	0	0.0	925	48.0
			Subtotal	0	0.0	0	0.0	154	8.0	0	0.0	590	30.6	25	1.3	1,129	58.6	0	0.0	25	1.3	0	0.0	0	0.0	0	0.0	1,927	100.0
	7/15-18	74	M	0	0.0	0	0.0	155	9.5	0	0.0	440	27.0	0	0.0	199	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	792	48.6
	(7/15-18)		F	0	0.0	0	0.0	0	0.0	0	0.0	176	10.8	0	0.0	639	39.2	0	0.0	23	1.4	0	0.0	0	0.0	0	0.0	838	51.4
			Subtotal	0	0.0	0	0.0	155	9.5	0	0.0	616	37.8	0	0.0	838	51.4	0	0.0	23	1.4	0	0.0	0	0.0	0	0.0	1,630	100.0
	7/19-23	86	M	0	0.0	0	0.0	58	5.8	0	0.0	115	11.6	0	0.0	104	10.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	277	27.9
	(7/19-9/15)		F	0	0.0	0	0.0	0	0.0	0	0.0	104	10.5	0	0.0	577	58.2	0	0.0	35	3.5	0	0.0	0	0.0	0	0.0	715	72.1
			Subtotal	0	0.0	0	0.0	58	5.8	0	0.0	219	22.1	0	0.0	682	68.7	0	0.0	35	3.5	0	0.0	0	0.0	0	0.0	992	100.0
	Season	315	M	0	0.0	0	0.0	479	6.4	0	0.0	1,745	23.3	25	0.3	1,559	20.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,805	50.7
			F	0	0.0	0	0.0	0	0.0	0	0.0	494	6.6	0	0.0	3,118	41.6	0	0.0	83	1.1	0	0.0	0	0.0	0	0.0	3,696	49.3
			Total	0	0.0	0	0.0	479	6.4	0	0.0	2,239	29.8	25	0.3	4,677	62.4	0	0.0	83	1.1	0	0.0	0	0.0	0	0.0	7,501	100.0
1992[e]	7/6-10	198	M	0	0.0	0	0.0	465	16.2	0	0.0	1,231	42.9	0	0.0	290	10.1	0	0.0	29	1.0	0	0.0	0	0.0	0	0.0	2,015	70.2
	(6/20-7/10)		F	0	0.0	0	0.0	0	0.0	0	0.0	86	3.0	0	0.0	726	25.3	0	0.0	29	1.0	14	0.5	0	0.0	0	0.0	855	29.8
			Subtotal	0	0.0	0	0.0	465	16.2	0	0.0	1,317	45.9	0	0.0	1,016	35.4	0	0.0	57	2.0	14	0.5	0	0.0	0	0.0	2,870	100.0
	(7/11-16)	0	M																										
			F																										
			Subtotal																									1,932	
	7/18-21	151	M	0	0.0	0	0.0	518	26.5	0	0.0	582	29.8	0	0.0	154	7.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,254	64.2
	(7/17-8/21)		F	0	0.0	0	0.0	14	0.7	0	0.0	78	4.0	0	0.0	582	29.8	0	0.0	25	1.3	0	0.0	0	0.0	0	0.0	699	35.8
			Subtotal	0	0.0	0	0.0	531	27.2	0	0.0	660	33.8	0	0.0	736	37.7	0	0.0	25	1.3	0	0.0	0	0.0	0	0.0	1,953	100.0
	Season	349	M																										
			F																										
			Total																									6,755	
1993[e]	6/17-7/7	0	M																										
			F																										
			Subtotal																									4,226	
	7/10-14	198	M	0	0.0	0	0.0	1,917	35.4	0	0.0	1,094	20.2	0	0.0	791	14.6	0	0.0	54	1.0	0	0.0	0	0.0	0	0.0	3,856	71.2
	(7/8-15)		F	0	0.0	0	0.0	27	0.5	0	0.0	81	1.5	0	0.0	1,257	23.2	0	0.0	162	3.0	27	0.5	0	0.0	0	0.0	1,560	28.8
			Subtotal	0	0.0	0	0.0	1,944	35.9	0	0.0	1,175	21.7	0	0.0	2,047	37.8	0	0.0	217	4.0	27	0.5	0	0.0	0	0.0	5,416	100.0
	7/18,21,23,25	115	M	0	0.0	0	0.0	866	32.2	0	0.0	702	26.1	0	0.0	280	10.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,848	68.7
	(7/16-8/13)		F	0	0.0	0	0.0	0	0.0	0	0.0	116	4.3	0	0.0	562	20.9	0	0.0	164	6.1	0	0.0	0	0.0	0	0.0	842	31.3
			Subtotal	0	0.0	0	0.0	866	32.2	0	0.0	818	30.4	0	0.0	842	31.3	0	0.0	164	6.1	0	0.0	0	0.0	0	0.0	2,690	100.0
	Season	313	M																										
			F																										
			Total																									12,332	

Appendix A.5. Age and sex of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[ab] (page 8 of 12)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
1994[e]	7/3-7	198	M	0	0.0	0	0.0	989	13.1	0	0.0	3,588	47.5	38	0.5	989	13.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,604	74.2
	(6/18-7/8)		F	0	0.0	0	0.0	0	0.0	0	0.0	687	9.1	0	0.0	1,186	15.7	0	0.0	76	1.0	0	0.0	0	0.0	0	0.0	1,949	25.8
			Subtotal	0	0.0	0	0.0	989	13.1	0	0.0	4,275	56.6	38	0.5	2,175	28.8	0	0.0	76	1.0	0	0.0	0	0.0	0	0.0	7,553	100.0
	7/9-15	0	M																										
			F																										
			Subtotal																									4,555	
	7/18	34	M	0	0.0	0	0.0	90	2.9	0	0.0	1,560	50.0	0	0.0	184	5.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,834	58.8
	(7/16-8/29)		F	0	0.0	0	0.0	0	0.0	0	0.0	643	20.6	0	0.0	643	20.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,285	41.2
			Subtotal	0	0.0	0	0.0	90	2.9	0	0.0	2,202	70.6	0	0.0	827	26.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,119	100.0
	Season	232	M																										
			F																										
			Total																									15,227	
1995	7/6-8	151	M	0	0.0	0	0.0	2,021	23.2	0	0.0	1,732	19.9	0	0.0	1,732	19.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,485	62.9
	(7/2-9)		F	0	0.0	0	0.0	174	2.0	0	0.0	636	7.3	0	0.0	2,424	27.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,234	37.1
			Subtotal	0	0.0	0	0.0	2,195	25.2	0	0.0	2,369	27.2	0	0.0	4,156	47.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8,718	100.0
	7/12-14	138	M	0	0.0	0	0.0	955	16.7	0	0.0	1,076	18.8	0	0.0	1,241	21.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,272	57.2
	(7/10-16)		F	0	0.0	0	0.0	0	0.0	0	0.0	332	5.8	0	0.0	2,117	37.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,449	42.8
			Subtotal	0	0.0	0	0.0	955	16.7	0	0.0	1,407	24.6	0	0.0	3,358	58.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,721	100.0
	7/18-20	146	M	0	0.0	0	0.0	353	11.0	0	0.0	462	14.4	0	0.0	725	22.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,540	47.9
	(7/17-22)		F	0	0.0	0	0.0	21	0.7	0	0.0	331	10.3	0	0.0	1,298	40.4	0	0.0	22	0.7	0	0.0	0	0.0	0	0.0	1,673	52.1
			Subtotal	0	0.0	0	0.0	374	11.6	0	0.0	793	24.7	0	0.0	2,024	63.0	0	0.0	22	0.7	0	0.0	0	0.0	0	0.0	3,213	100.0
	7/25-26	72	M	0	0.0	0	0.0	64	6.9	0	0.0	130	13.9	0	0.0	156	16.7	13	1.4	0	0.0	0	0.0	0	0.0	0	0.0	363	38.9
	(7/23-29)		F	0	0.0	0	0.0	0	0.0	0	0.0	52	5.6	0	0.0	505	54.2	0	0.0	13	1.4	0	0.0	0	0.0	0	0.0	570	61.1
			Subtotal	0	0.0	0	0.0	64	6.9	0	0.0	182	19.5	0	0.0	661	70.8	13	1.4	13	1.4	0	0.0	0	0.0	0	0.0	933	100.0
	8/1,3,5,9	26	M	0	0.0	0	0.0	25	7.7	0	0.0	63	19.2	0	0.0	38	11.5	0	0.0	0	0.0	13	3.8	0	0.0	0	0.0	140	42.3
	(7/30-9/2)		F	0	0.0	0	0.0	0	0.0	0	0.0	13	3.8	0	0.0	178	53.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	190	57.7
			Subtotal	0	0.0	0	0.0	25	7.7	0	0.0	76	23.1	0	0.0	216	65.4	0	0.0	0	0.0	13	3.8	0	0.0	0	0.0	330	100.0
	Season	533	M	0	0.0	0	0.0	3,419	18.1	0	0.0	3,463	18.3	0	0.0	3,893	20.6	13	0.1	0	0.0	13	0.1	0	0.0	0	0.0	10,800	57.1
			F	0	0.0	0	0.0	196	1.0	0	0.0	1,364	7.2	0	0.0	6,521	34.5	0	0.0	36	0.2	0	0.0	0	0.0	0	0.0	8,116	42.9
			Total	0	0.0	0	0.0	3,614	19.1	0	0.0	4,827	25.5	0	0.0	10,414	55.1	13	0.1	36	0.2	13	0.1	0	0.0	0	0.0	18,917	100.0
1996	7/3-6	156	M	0	0.0	0	0.0	1,408	16.0	0	0.0	4,683	53.2	0	0.0	907	10.3	53	0.6	53	0.6	0	0.0	0	0.0	0	0.0	7,112	80.8
	(6/20-7/8)		F	0	0.0	0	0.0	0	0.0	0	0.0	449	5.1	0	0.0	845	9.6	0	0.0	396	4.5	0	0.0	0	0.0	0	0.0	1,690	19.2
			Subtotal	0	0.0	0	0.0	1,408	16.0	0	0.0	5,132	58.3	0	0.0	1,752	19.9	53	0.6	449	5.1	0	0.0	0	0.0	0	0.0	8,802	100.0
	7/12-13	162	M	0	0.0	0	0.0	300	9.3	0	0.0	1,611	50.0	0	0.0	419	13.0	0	0.0	81	2.5	0	0.0	0	0.0	0	0.0	2,407	74.7
	(7/9-14)		F	0	0.0	0	0.0	0	0.0	0	0.0	119	3.7	0	0.0	516	16.0	0	0.0	180	5.6	0	0.0	0	0.0	0	0.0	815	25.3
			Subtotal	0	0.0	0	0.0	300	9.3	0	0.0	1,730	53.7	0	0.0	934	29.0	0	0.0	261	8.1	0	0.0	0	0.0	0	0.0	3,222	100.0
	7/16-19	162	M	0	0.0	0	0.0	80	3.7	0	0.0	779	35.8	0	0.0	389	17.9	0	0.0	26	1.2	0	0.0	0	0.0	0	0.0	1,275	58.6
	(7/15-9/2)		F	0	0.0	0	0.0	0	0.0	0	0.0	161	7.4	0	0.0	511	23.5	0	0.0	228	10.5	0	0.0	0	0.0	0	0.0	900	41.4
			Subtotal	0	0.0	0	0.0	80	3.7	0	0.0	940	43.2	0	0.0	900	41.4	0	0.0	254	11.7	0	0.0	0	0.0	0	0.0	2,175	100.0

Appendix A.5. Age and sex of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[ab] (page 9 of 12)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	Season	480	M	0	0.0	0	0.0	1,788	12.6	0	0.0	7,072	49.8	0	0.0	1,715	12.1	53	0.4	159	1.1	0	0.0	0	0.0	0	0.0	10,793	76.0
			F	0	0.0	0	0.0	0	0.0	0	0.0	729	5.1	0	0.0	1,872	13.2	0	0.0	805	5.7	0	0.0	0	0.0	0	0.0	3,406	24.0
			Total	0	0.0	0	0.0	1,788	12.6	0	0.0	7,801	54.9	0	0.0	3,586	25.3	53	0.4	964	6.8	0	0.0	0	0.0	0	0.0	14,199	100.0
1997	7/3,5-6	200	M	0	0.0	0	0.0	2,167	33.0	0	0.0	1,281	19.5	0	0.0	952	14.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,401	67.0
	(6/19-7/7)		F	0	0.0	0	0.0	0	0.0	0	0.0	131	2.0	0	0.0	2,036	31.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,167	33.0
			Subtotal	0	0.0	0	0.0	2,167	33.0	0	0.0	1,412	21.5	0	0.0	2,988	45.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6,568	100.0
	7/10-15	204	M	0	0.0	0	0.0	1,047	27.9	0	0.0	716	19.1	0	0.0	808	21.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,571	68.6
	(7/8-16)		F	0	0.0	0	0.0	0	0.0	0	0.0	19	0.5	0	0.0	1,102	29.4	0	0.0	55	1.5	0	0.0	0	0.0	0	0.0	1,175	31.4
			Subtotal	0	0.0	0	0.0	1,047	27.9	0	0.0	735	19.6	0	0.0	1,910	51.0	0	0.0	55	1.5	0	0.0	0	0.0	0	0.0	3,746	100.0
	7/19-20	68	M	0	0.0	0	0.0	1,223	41.2	0	0.0	481	16.2	0	0.0	437	14.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,141	72.1
	(7/17-9/21)		F	0	0.0	0	0.0	44	1.4	0	0.0	87	2.9	0	0.0	699	23.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	830	27.9
			Subtotal	0	0.0	0	0.0	1,267	42.6	0	0.0	568	19.1	0	0.0	1,136	38.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,971	100.0
	Season	472	M	0	0.0	0	0.0	4,437	33.4	0	0.0	2,478	18.6	0	0.0	2,197	16.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9,112	68.6
			F	0	0.0	0	0.0	44	0.3	0	0.0	237	1.8	0	0.0	3,837	28.9	0	0.0	55	0.4	0	0.0	0	0.0	0	0.0	4,173	31.4
			Total	0	0.0	0	0.0	4,481	33.7	0	0.0	2,715	20.4	0	0.0	6,034	45.4	0	0.0	55	0.4	0	0.0	0	0.0	0	0.0	13,285	100.0
1998[b]	7/23-27	86	M		0.0		0.0		4.7		0.0		37.2		0.0		12.8		0.0		1.2		0.0		0.0		0.0		55.8
			F		0.0		0.0		0.0		0.0		17.5		0.0		25.6		0.0		1.1		0.0		0.0		0.0		44.2
			Subtotal		0.0		0.0		4.7		0.0		54.7		0.0		38.4		0.0		2.3		0.0		0.0		0.0		100.0
1999	7/12,14-16,18	188	M	0	0.0	14	0.5	113	4.3	0	0.0	707	26.6	14	0.5	721	27.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,569	59.0
	(6/30-7/19)		F	0	0.0	0	0.0	0	0.0	0	0.0	56	2.1	0	0.0	975	36.7	0	0.0	57	2.1	0	0.0	0	0.0	0	0.0	1,088	41.0
			Subtotal	0	0.0	14	0.5	113	4.3	0	0.0	763	28.7	14	0.5	1,696	63.8	0	0.0	57	2.1	0	0.0	0	0.0	0	0.0	2,657	100.0
	7/21,23,26	89	M	0	0.0	0	0.0	147	5.6	0	0.0	440	16.9	0	0.0	323	12.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	909	34.8
	(7/20-7/30)		F	0	0.0	0	0.0	0	0.0	0	0.0	147	5.6	0	0.0	1,525	58.4	0	0.0	29	1.1	0	0.0	0	0.0	0	0.0	1,702	65.2
			Subtotal	0	0.0	0	0.0	147	5.6	0	0.0	587	22.5	0	0.0	1,848	70.8	0	0.0	29	1.1	0	0.0	0	0.0	0	0.0	2,611	100.0
	8/3	28	M	0	0.0	0	0.0	43	14.3	0	0.0	43	14.3	0	0.0	43	14.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	129	42.9
	(7/31-9/13)		F	0	0.0	0	0.0	0	0.0	0	0.0	11	3.6	0	0.0	162	53.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	173	57.1
			Subtotal	0	0.0	0	0.0	43	14.3	0	0.0	54	17.9	0	0.0	205	67.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	302	100.0
	Season	305	M	0	0.0	14	0.3	303	5.4	0	0.0	1,190	21.4	14	0.3	1,087	19.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,608	46.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	214	3.8	0	0.0	2,662	47.8	0	0.0	86	1.5	0	0.0	0	0.0	0	0.0	2,962	53.2
			Total	0	0.0	14	0.3	303	5.4	0	0.0	1,404	25.2	14	0.3	3,749	67.3	0	0.0	86	1.5	0	0.0	0	0.0	0	0.0	5,570	100.0
2000	7/7,9	26	M	0	0.0	0	0.0	158	19.2	0	0.0	317	38.5	0	0.0	32	3.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	507	61.5
	(7/2-10)		F	0	0.0	0	0.0	0	0.0	0	0.0	95	11.5	0	0.0	222	26.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	317	38.5
			Subtotal	0	0.0	0	0.0	158	19.2	0	0.0	412	50.0	0	0.0	254	30.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	824	100.0
	7/11-15	34	M	0	0.0	0	0.0	59	5.9	0	0.0	561	55.9	0	0.0	118	11.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	738	73.5
	(7/11-15)		F	0	0.0	0	0.0	0	0.0	0	0.0	29	2.9	0	0.0	177	17.6	0	0.0	59	5.9	0	0.0	0	0.0	0	0.0	265	26.5
			Subtotal	0	0.0	0	0.0	59	5.9	0	0.0	590	58.8	0	0.0	295	29.4	0	0.0	59	5.9	0	0.0	0	0.0	0	0.0	1,003	100.0
	7/16-17,19	27	M	0	0.0	0	0.0	110	11.1	0	0.0	330	33.3	0	0.0	37	3.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	476	48.1
	(7/16-24)		F	0	0.0	0	0.0	0	0.0	0	0.0	73	7.4	0	0.0	439	44.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	512	51.9
			Subtotal	0	0.0	0	0.0	110	11.1	0	0.0	403	40.7	0	0.0	476	48.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	988	100.0

Appendix A.5. Age and sex of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[ab] (page 10 of 12)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
	7/28	11	M	0	0.0	0	0.0	0	0.0	0	0.0	180	36.4	0	0.0	45	9.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	225	45.5
	(7/25-8/30)		F	0	0.0	0	0.0	0	0.0	0	0.0	45	9.1	0	0.0	225	45.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	270	54.5
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	225	45.5	0	0.0	270	54.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	495	100.0
	Season	98	M	0	0.0	0	0.0	327	9.9	0	0.0	1,387	41.9	0	0.0	231	7.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,945	58.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	243	7.3	0	0.0	1,063	32.1	0	0.0	59	1.8	0	0.0	0	0.0	0	0.0	1,365	41.2
			Total	0	0.0	0	0.0	327	9.9	0	0.0	1,630	49.2	0	0.0	1,294	39.1	0	0.0	59	1.8	0	0.0	0	0.0	0	0.0	3,310	100.0
2001	7/6,8,10	140	M	0	0.0	0	0.0	632	12.9	0	0.0	2,316	47.1	0	0.0	842	17.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,789	77.1
	(6/21-7/11)		F	0	0.0	0	0.0	35	0.7	0	0.0	245	5.0	0	0.0	807	16.4	0	0.0	35	0.7	0	0.0	0	0.0	0	0.0	1,123	22.9
			Subtotal	0	0.0	0	0.0	667	13.6	0	0.0	2,561	52.1	0	0.0	1,649	33.6	0	0.0	35	0.7	0	0.0	0	0.0	0	0.0	4,912	100.0
	7/13-18	219	M	0	0.0	0	0.0	587	16.4	0	0.0	912	25.6	0	0.0	961	27.0	0	0.0	33	0.9	0	0.0	0	0.0	0	0.0	2,493	69.9
	(7/12-23)		F	0	0.0	0	0.0	0	0.0	0	0.0	33	0.9	0	0.0	1,010	28.3	0	0.0	32	0.9	0	0.0	0	0.0	0	0.0	1,075	30.1
			Subtotal	0	0.0	0	0.0	587	16.4	0	0.0	945	26.5	0	0.0	1,971	55.3	0	0.0	65	1.8	0	0.0	0	0.0	0	0.0	3,568	100.0
	7/30-8/2,4	38	M	0	0.0	0	0.0	171	21.1	0	0.0	129	15.8	0	0.0	43	5.3	0	0.0	22	2.7	0	0.0	0	0.0	0	0.0	364	44.7
	(7/24-8/29)		F	0	0.0	0	0.0	0	0.0	0	0.0	21	2.6	0	0.0	407	50.0	0	0.0	21	2.6	0	0.0	0	0.0	0	0.0	450	55.3
			Subtotal	0	0.0	0	0.0	171	21.1	0	0.0	150	18.4	0	0.0	450	55.3	0	0.0	43	5.3	0	0.0	0	0.0	0	0.0	814	100.0
	Season	397	M	0	0.0	0	0.0	1,390	14.9	0	0.0	3,356	36.1	0	0.0	1,846	19.9	0	0.0	54	0.6	0	0.0	0	0.0	0	0.0	6,646	71.5
			F	0	0.0	0	0.0	35	0.4	0	0.0	300	3.2	0	0.0	2,224	23.9	0	0.0	89	0.9	0	0.0	0	0.0	0	0.0	2,648	28.5
			Total	0	0.0	0	0.0	1,425	15.3	0	0.0	3,656	39.3	0	0.0	4,070	43.8	0	0.0	143	1.5	0	0.0	0	0.0	0	0.0	9,294	100.0
2002	6/28,30-7/5	94	M	0	0.0	0	0.0	837	25.5	0	0.0	1,534	46.8	0	0.0	349	10.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,720	83.0
	(6/26-7/7)		F	0	0.0	0	0.0	0	0.0	0	0.0	105	3.2	0	0.0	453	13.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	558	17.0
			Subtotal	0	0.0	0	0.0	837	25.5	0	0.0	1,639	50.0	0	0.0	802	24.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,278	100.0
	7/9-12	191	M	0	0.0	0	0.0	492	13.6	0	0.0	1,664	46.1	0	0.0	492	13.6	0	0.0	19	0.5	0	0.0	0	0.0	0	0.0	2,666	73.8
	(7/8-14)		F	0	0.0	0	0.0	0	0.0	0	0.0	95	2.6	0	0.0	813	22.5	0	0.0	38	1.1	0	0.0	0	0.0	0	0.0	946	26.2
			Subtotal	0	0.0	0	0.0	492	13.6	0	0.0	1,759	48.7	0	0.0	1,305	36.1	0	0.0	57	1.6	0	0.0	0	0.0	0	0.0	3,612	100.0
	7/16-19	110	M	0	0.0	0	0.0	258	13.6	0	0.0	775	40.9	0	0.0	121	6.4	0	0.0	34	1.8	0	0.0	0	0.0	0	0.0	1,189	62.7
	(7/15-20)		F	0	0.0	0	0.0	0	0.0	0	0.0	104	5.5	0	0.0	551	29.1	0	0.0	52	2.7	0	0.0	0	0.0	0	0.0	706	37.3
			Subtotal	0	0.0	0	0.0	258	13.6	0	0.0	879	46.4	0	0.0	672	35.5	0	0.0	86	4.5	0	0.0	0	0.0	0	0.0	1,895	100.0
	7/22-26,29-8/3,6,22	71	M	0	0.0	0	0.0	167	12.7	0	0.0	648	49.3	0	0.0	129	9.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	944	71.8
	(7/21-9/24)		F	0	0.0	0	0.0	0	0.0	0	0.0	129	9.9	0	0.0	241	18.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	370	28.2
			Subtotal	0	0.0	0	0.0	167	12.7	0	0.0	777	59.2	0	0.0	370	28.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,314	100.0
	Season	466	M	0	0.0	0	0.0	1,754	17.4	0	0.0	4,622	45.7	0	0.0	1,091	10.8	0	0.0	53	0.5	0	0.0	0	0.0	0	0.0	7,519	74.5
			F	0	0.0	0	0.0	0	0.0	0	0.0	432	4.3	0	0.0	2,058	20.4	0	0.0	90	0.9	0	0.0	0	0.0	0	0.0	2,580	25.5
			Total	0	0.0	0	0.0	1,754	17.4	0	0.0	5,054	50.0	0	0.0	3,149	31.2	0	0.0	143	1.4	0	0.0	0	0.0	0	0.0	10,099	100.0
2003	7/1-4	59	M	0	0.0	0	0.0	300	20.3	0	0.0	874	59.3	0	0.0	175	11.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,348	91.5
	(6/21-7/5)		F	0	0.0	0	0.0	0	0.0	0	0.0	50	3.4	0	0.0	50	3.4	0	0.0	25	1.7	0	0.0	0	0.0	0	0.0	125	8.5
			Subtotal	0	0.0	0	0.0	300	20.3	0	0.0	924	62.7	0	0.0	225	15.3	0	0.0	25	1.7	0	0.0	0	0.0	0	0.0	1,473	100.0

Appendix A.5. Age and sex of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[ab] (page 11 of 12)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
	7/7-11	92	M	0	0.0	0	0.0	944	26.1	0	0.0	1,298	35.9	0	0.0	275	7.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,517	69.6
	(7/6-12)		F	0	0.0	0	0.0	0	0.0	0	0.0	39	1.1	0	0.0	905	25.0	0	0.0	157	4.3	0	0.0	0	0.0	0	0.0	1,101	30.4
			Subtotal	0	0.0	0	0.0	944	26.1	0	0.0	1,337	37.0	0	0.0	1,180	32.6	0	0.0	157	4.3	0	0.0	0	0.0	0	0.0	3,618	100.0
	7/15-19	64	M	0	0.0	0	0.0	562	14.1	0	0.0	1,685	42.2	0	0.0	499	12.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,746	68.8
	(7/13-7/20)		F	0	0.0	0	0.0	0	0.0	0	0.0	62	1.6	0	0.0	1,124	28.1	0	0.0	62	1.6	0	0.0	0	0.0	0	0.0	1,248	31.2
			Subtotal	0	0.0	0	0.0	562	14.1	0	0.0	1,747	43.8	0	0.0	1,623	40.6	0	0.0	62	1.6	0	0.0	0	0.0	0	0.0	3,994	100.0
	7/21-8/7	158	M	0	0.0	0	0.0	391	14.6	0	0.0	867	32.3	0	0.0	221	8.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,479	55.1
	(7/21-9/20)		F	0	0.0	0	0.0	0	0.0	0	0.0	136	5.0	0	0.0	986	36.7	0	0.0	85	3.2	0	0.0	0	0.0	0	0.0	1,207	44.9
			Subtotal	0	0.0	0	0.0	391	14.6	0	0.0	1,003	37.3	0	0.0	1,207	44.9	0	0.0	85	3.2	0	0.0	0	0.0	0	0.0	2,686	100.0
	Season	373	M	0	0.0	0	0.0	2,196	18.7	0	0.0	4,723	40.1	0	0.0	1,170	10.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8,090	68.7
			F	0	0.0	0	0.0	0	0.0	0	0.0	288	2.5	0	0.0	3,064	26.0	0	0.0	330	2.8	0	0.0	0	0.0	0	0.0	3,681	31.3
			Total	0	0.0	0	0.0	2,196	18.7	0	0.0	5,011	42.6	0	0.0	4,234	36.0	0	0.0	330	2.8	0	0.0	0	0.0	0	0.0	11,771	100.0
2004	6/29-7/2	78	M	0	0.0	0	0.0	1,300	44.9	0	0.0	1,189	41.0	0	0.0	111	3.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,601	89.7
	(6/21-7/4)		F	0	0.0	0	0.0	112	3.8	0	0.0	37	1.3	0	0.0	149	5.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	297	10.3
			Subtotal	0	0.0	0	0.0	1,412	48.7	0	0.0	1,226	42.3	0	0.0	260	9.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,898	100.0
	7/6-9	173	M	0	0.0	0	0.0	2,664	40.5	0	0.0	2,664	40.5	0	0.0	457	6.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,785	87.9
	(7/5-10)		F	0	0.0	0	0.0	0	0.0	0	0.0	152	2.3	0	0.0	571	8.7	0	0.0	76	1.2	0	0.0	0	0.0	0	0.0	799	12.1
			Subtotal	0	0.0	0	0.0	2,664	40.5	0	0.0	2,816	42.8	0	0.0	1,028	15.6	0	0.0	76	1.2	0	0.0	0	0.0	0	0.0	6,584	100.0
	7/12-16	191	M	0	0.0	0	0.0	1,746	37.2	0	0.0	1,402	29.9	0	0.0	344	7.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,493	74.3
	(7/11-17)		F	0	0.0	0	0.0	0	0.0	0	0.0	148	3.1	0	0.0	1,033	22.0	0	0.0	25	0.5	0	0.0	0	0.0	0	0.0	1,205	25.7
			Subtotal	0	0.0	0	0.0	1,746	37.2	0	0.0	1,550	33.0	0	0.0	1,377	29.3	0	0.0	25	0.5	0	0.0	0	0.0	0	0.0	4,698	100.0
	7/19-23	189	M	0	0.0	0	0.0	1,803	52.4	0	0.0	892	25.9	0	0.0	200	5.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,896	84.1
	(7/18-25)		F	0	0.0	0	0.0	0	0.0	0	0.0	73	2.1	0	0.0	474	13.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	547	15.9
			Subtotal	0	0.0	0	0.0	1,803	52.4	0	0.0	965	28.0	0	0.0	674	19.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,443	100.0
	7/27-8/6	100	M	0	0.0	0	0.0	1,156	57.0	0	0.0	446	22.0	0	0.0	61	3.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,663	82.0
	(7/26-9/25)		F	0	0.0	0	0.0	0	0.0	0	0.0	102	5.0	0	0.0	243	12.0	0	0.0	20	1.0	0	0.0	0	0.0	0	0.0	365	18.0
			Subtotal	0	0.0	0	0.0	1,156	57.0	0	0.0	548	27.0	0	0.0	304	15.0	0	0.0	20	1.0	0	0.0	0	0.0	0	0.0	2,028	100.0
	Season	731	M	0	0.0	0	0.0	8,670	44.1	0	0.0	6,594	33.6	0	0.0	1,174	6.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	16,438	83.6
			F	0	0.0	0	0.0	112	0.6	0	0.0	511	2.6	0	0.0	2,469	12.5	0	0.0	121	0.6	0	0.0	0	0.0	0	0.0	3,213	16.4
			Total	0	0.0	0	0.0	8,782	44.7	0	0.0	7,105	36.2	0	0.0	3,643	18.5	0	0.0	121	0.6	0	0.0	0	0.0	0	0.0	19,651	100.0
2005	6/27-7/1	115	M	0	0.0	19	0.9	464	21.7	0	0.0	1,021	47.8	0	0.0	241	11.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,745	81.7
	(6/22-7/3)		F	0	0.0	0	0.0	19	0.9	0	0.0	167	7.9	0	0.0	186	8.7	0	0.0	19	0.9	0	0.0	0	0.0	0	0.0	390	18.3
			Subtotal	0	0.0	19	0.9	483	22.6	0	0.0	1,188	55.7	0	0.0	427	20.0	0	0.0	19	0.9	0	0.0	0	0.0	0	0.0	2,135	100.0
	7/4-9	181	M	0	0.0	0	0.0	1,598	28.7	0	0.0	1,813	32.6	0	0.0	399	7.2	0	0.0	31	0.6	0	0.0	0	0.0	0	0.0	3,841	69.1
	(7/4-9)		F	0	0.0	0	0.0	31	0.6	0	0.0	830	14.9	0	0.0	799	14.3	0	0.0	61	1.1	0	0.0	0	0.0	0	0.0	1,721	30.9
			Subtotal	0	0.0	0	0.0	1,629	29.3	0	0.0	2,643	47.5	0	0.0	1,198	21.5	0	0.0	92	1.7	0	0.0	0	0.0	0	0.0	5,562	100.0
	7/11-16	184	M	0	0.0	38	0.5	1,171	16.8	0	0.0	2,267	32.6	0	0.0	831	12.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,308	62.0
	(7/10-17)		F	0	0.0	0	0.0	0	0.0	0	0.0	945	13.6	0	0.0	1,663	23.9	0	0.0	38	0.5	0	0.0	0	0.0	0	0.0	2,645	38.0
			Subtotal	0	0.0	38	0.5	1,171	16.8	0	0.0	3,212	46.2	0	0.0	2,494	35.9	0	0.0	38	0.5	0	0.0	0	0.0	0	0.0	6,953	100.0
	7/18-22	125	M	0	0.0	0	0.0	820	20.0	0	0.0	1,377	33.6	0	0.0	426	10.4	0	0.0	33	0.8	0	0.0	0	0.0	0	0.0	2,656	64.8
	(7/18-23)		F	0	0.0	0	0.0	0	0.0	0	0.0	623	15.2	0	0.0	820	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,443	35.2
			Subtotal	0	0.0	0	0.0	820	20.0	0	0.0	2,000	48.8	0	0.0	1,246	30.4	0	0.0	33	0.8	0	0.0	0	0.0	0	0.0	4,099	100.0

Appendix A.5. Age and sex of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[ab] (page 12 of 12)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
	7/25,27-30	129	M	0	0.0	0	0.0	1,235	38.0	0	0.0	479	14.7	0	0.0	75	2.3	0	0.0	25	0.8	0	0.0	0	0.0	0	0.0	1,815	55.8
	(7/24-9/22)		F	0	0.0	0	0.0	0	0.0	0	0.0	705	21.7	0	0.0	731	22.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,436	44.2
			Subtotal	0	0.0	0	0.0	1,235	38.0	0	0.0	1,184	36.4	0	0.0	806	24.8	0	0.0	25	0.8	0	0.0	0	0.0	0	0.0	3,251	100.0
	Season	734	M	0	0.0	56	0.3	5,288	24.1	0	0.0	6,958	31.6	0	0.0	1,974	9.0	0	0.0	89	0.4	0	0.0	0	0.0	0	0.0	14,365	65.3
			F	0	0.0	0	0.0	49	0.2	0	0.0	3,270	14.9	0	0.0	4,198	19.1	0	0.0	118	0.5	0	0.0	0	0.0	0	0.0	7,635	34.7
			Total	0	0.0	56	0.3	5,337	24.3	0	0.0	10,228	46.5	0	0.0	6,172	28.1	0	0.0	207	0.9	0	0.0	0	0.0	0	0.0	22,000	100.0
2006	7/4-12	191	M	0	0.0	36	0.5	3,019	44.5	0	0.0	1,811	26.7	0	0.0	462	6.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,328	78.5
	(6/28-7/12)		F	0	0.0	0	0.0	0	0.0	0	0.0	391	5.8	0	0.0	959	14.1	0	0.0	107	1.6	0	0.0	0	0.0	0	0.0	1,456	21.5
			Subtotal	0	0.0	36	0.5	3,019	44.5	0	0.0	2,202	32.5	0	0.0	1,421	20.9	0	0.0	107	1.6	0	0.0	0	0.0	0	0.0	6,784	100.0
	7/13-19	186	M	0	0.0	0	0.0	1,475	31.7	0	0.0	1,050	22.6	0	0.0	550	11.8	0	0.0	125	2.7	0	0.0	0	0.0	0	0.0	3,200	68.8
	(7/13-19)		F	0	0.0	0	0.0	0	0.0	0	0.0	400	8.6	0	0.0	800	17.2	0	0.0	250	5.4	0	0.0	0	0.0	0	0.0	1,450	31.2
			Subtotal	0	0.0	0	0.0	1,475	31.7	0	0.0	1,450	31.2	0	0.0	1,350	29.0	0	0.0	375	8.1	0	0.0	0	0.0	0	0.0	4,650	100.0
	7/20-26	175	M	0	0.0	28	0.6	1,382	28.0	0	0.0	1,129	22.9	0	0.0	282	5.7	0	0.0	56	1.1	0	0.0	0	0.0	0	0.0	2,878	58.3
	(7/20-26)		F	0	0.0	0	0.0	0	0.0	0	0.0	451	9.1	0	0.0	1,411	28.6	0	0.0	198	4.0	0	0.0	0	0.0	0	0.0	2,059	41.7
			Subtotal	0	0.0	28	0.6	1,382	28.0	0	0.0	1,580	32.0	0	0.0	1,693	34.3	0	0.0	254	5.1	0	0.0	0	0.0	0	0.0	4,937	100.0
	7/27-8/11	159	M	0	0.0	38	1.3	900	29.6	0	0.0	479	15.7	0	0.0	115	3.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,531	50.3
	(7/27-9/14)		F	0	0.0	0	0.0	0	0.0	0	0.0	287	9.5	0	0.0	1,129	37.1	0	0.0	96	3.1	0	0.0	0	0.0	0	0.0	1,512	49.7
			Subtotal	0	0.0	38	1.3	900	29.6	0	0.0	766	25.2	0	0.0	1,244	40.9	0	0.0	96	3.1	0	0.0	0	0.0	0	0.0	3,043	100.0
	Season	711	M	0	0.0	102	0.5	6,776	34.9	0	0.0	4,469	23.0	0	0.0	1,408	7.3	0	0.0	181	0.9	0	0.0	0	0.0	0	0.0	12,936	66.6
			F	0	0.0	0	0.0	0	0.0	0	0.0	1,529	7.9	0	0.0	4,299	22.1	0	0.0	650	3.4	0	0.0	0	0.0	0	0.0	6,478	33.4
			Total	0	0.0	102	0.5	6,776	34.9	0	0.0	5,998	30.9	0	0.0	5,707	29.4	0	0.0	831	4.3	0	0.0	0	0.0	0	0.0	19,414	100.0
	Grand	12,829	M	0	0.0	567	0.2	55,026	22.0	0	0.0	75,590	30.3	63	0.0	32,743	13.1	254	0.1	1,488	0.6	459	0.2	0	0.0	0	0.0	166,189	66.5
	Total [f]		F	0	0.0	4	0.0	470	0.2	0	0.0	13,015	5.2	0	0.0	63,743	25.5	0	0.0	5,116	2.0	1,203	0.5	8	0.0	0	0.0	83,560	33.5
			Total	0	0.0	571	0.2	55,496	22.2	0	0.0	88,605	35.5	63	0.0	96,486	38.6	254	0.1	6,604	2.6	1,662	0.7	8	0.0	0	0.0	249,749	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 1987 and 1989; these years are excluded from the "Grand Total".

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

e 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".

f The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums.Years excluded are 1987, 1989, and 1992 - 1994.

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 1 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1971 [e]	7/13	M	Mean Length					848		1024			770		
			Range					753- 985		940-1130			770- 770		
			Sample Size	0	0	0	0	3	0	6	0	0	1	0	0
	Season	F	Mean Length							958					
			Range							901-1000					
			Sample Size	0	0	0	0	0	0	4	0	0	0	0	0
1972 [e]	8/5	M	Mean Length					710							
			Range					710-710							
			Sample Size	0	0	0	0	1	0	0	0	0	0	0	0
	Season	F	Mean Length							849				890	
			Range							849-849				890-890	
			Sample Size	0	0	0	0	0	0	1	0	0	0	1	0
1973 [e]	8/2-3,9	M	Mean Length					725		848					
			Range					627-850		723-915					
			Sample Size	0	0	0	0	3	0	3	0	0	0	0	0
	Season	F	Mean Length							849		900			
			Range							838-858		900-900			
			Sample Size	0	0	0	0	0	0	3	0	1	0	0	0
1974	Season	M	Mean Length												
			Range												
			Sample Size												
				NO ASL DATA											
		F	Mean Length												
			Range												
			Sample Size												
1975	Season	M	Mean Length												
			Range												
			Sample Size												
				NO ASL DATA											
		F	Mean Length												
			Range												
			Sample Size												

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 2 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1976	7/1-2 (6/29-7/4)	M	Mean Length			606		703		922					
			Std. Error			24		14		25					
			Range			582- 630		620- 802		868-1050					
			Sample Size	0	0	2	0	15	0	8	0	0	0	0	0
		F	Mean Length					670		923					
			Std. Error					-		11					
			Range					670- 670		867-1000					
			Sample Size	0	0	0	0	1	0	11	0	0	0	0	0
	7/8-11 (7/5-12)	M	Mean Length			606		694		907					
			Std. Error			13		9		27					
			Range			542- 661		580- 954		800-1200					
			Sample Size	0	0	9	0	57	0	14	0	0	0	0	0
		F	Mean Length					800		897					
			Std. Error					10		10					
			Range					790- 810		782-1021					
			Sample Size	0	0	0	0	2	0	29	0	0	0	0	0
	7/13,15-16 (7/13-16)	M	Mean Length			564		750		936					
			Std. Error			12		15		22					
			Range			495- 609		565- 914		825-1000					
			Sample Size	0	0	8	0	40	0	7	0	0	0	0	0
		F	Mean Length					839		892					
			Std. Error					47		10					
			Range					703- 960		731-1020					
			Sample Size	0	0	0	0	5	0	42	0	0	0	0	0
	7/17-19,21 (7/17-8/5)	M	Mean Length			587		751	678	983					
			Std. Error			11		16	-	33					
			Range			536- 629		538- 890	678- 678	803-1201					
			Sample Size	0	0	7	0	23	1	11	0	0	0	0	0
		F	Mean Length					840		924		982			
			Std. Error					6		8		-			
			Range					821- 854		817-1042		982- 982			
			Sample Size	0	0	0	0	5	0	49	0	1	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 3 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length			587		726	678	945					
			Range			495- 661		538- 954	678- 678	800-1201					
			Sample Size	0	0	26	0	135	1	40	0	0	0	0	0
		F	Mean Length					833		910		982			
			Range					670- 960		731-1042		982- 982			
			Sample Size	0	0	0	0	13	0	131	0	1	0	0	0
1977	Season	M	Mean Length												
			Range												
			Sample Size												
				NO ASL DATA											
		F	Mean Length												
			Range												
			Sample Size												
1978	6/28,7/1-2	M	Mean Length			586		696		937	763	990	948		
	(6/18-7/3)		Std. Error			8		14		15	32	8	38		
			Range			511- 618		632- 850		750-1102	643- 846	982- 998	788-1071		
			Sample Size	0	0	14	0	16	0	30	6	2	6	0	0
		F	Mean Length					839		901		919	928		
			Std. Error					-		8		17	22		
			Range					839- 839		815- 992		881- 981	825- 989		
			Sample Size	0	0	0	0	1	0	32	0	6	7	0	0
	7/4,6-8	M	Mean Length			578		722		930	786	1119	912		
	(7/4-9)		Std. Error			10		25		16	12	-	24		
			Range			496- 655		627- 899		803-1062	763- 806	1119-1119	839- 995		
			Sample Size	0	0	17	0	11	0	19	3	1	6	0	0
		F	Mean Length					885		922		1004	935		
			Std. Error					-		9		48	21		
			Range					885- 885		854-1000		956-1051	867-1002		
			Sample Size	0	0	0	0	1	0	24	0	2	6	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 4 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/10,13-14,16-17 (7/10-18)	M	Mean Length			587		722		949		1074	931		
			Std. Error			8		12		13		35	40		
			Range			527- 703		661- 825		718-1059		1039-1109	891- 970		
			Sample Size	0	0	23	0	15	0	31	0	2	2	0	0
		F	Mean Length							921		960	909		
			Std. Error							6		35	13		
			Range							824-1004		925- 995	832- 990		
			Sample Size	0	0	0	0	0	0	47	0	2	11	0	0
	7/19-20,22-23 (7/19-24)	M	Mean Length			582		916		965			955		
			Std. Error			13		146		18			17		
			Range			511- 674		770-1061		791-1072			938- 971		
			Sample Size	0	0	13	0	2	0	16	0	0	2	0	0
		F	Mean Length							938		1022	938		
			Std. Error							6		-	11		
			Range							819-1032		1022-1022	875-1007		
			Sample Size	0	0	0	0	0	0	52	0	1	15	0	0
	7/25-26,29 (7/25-8/18)	M	Mean Length		347	576		659		940			982		
			Std. Error		24	14		44		39			-		
			Range		323- 371	451- 678		534- 742		805-1114			982- 982		
			Sample Size	0	2	19	0	4	0	8	0	0	1	0	0
		F	Mean Length					834		928			885		
			Std. Error					2		9			14		
			Range					832- 836		849-1037			810- 951		
			Sample Size	0	0	0	0	2	0	28	0	0	8	0	0
	Season	M	Mean Length		347	583		722		944	777	1073	927		
			Range		323- 371	451- 703		534-1061		718-1114	643- 846	982-1119	788-1071		
			Sample Size	0	2	86	0	48	0	104	9	5	17	0	0
		F	Mean Length					861		924		967	921		
			Range					832- 885		815-1037		881-1051	810-1007		
			Sample Size	0	0	0	0	4	0	183	0	11	47	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 5 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1979	7/1-3 (6/20-7/4)	M	Mean Length			610		732		966		1011			
			Std. Error			11		15		62		-			
			Range			490- 879		639- 874		844-1040		1011-1011			
			Sample Size	0	0	40	0	17	0	3	0	1	0	0	0
		F	Mean Length							913		922			
			Std. Error							12		7			
			Range							850- 985		915- 929			
			Sample Size	0	0	0	0	0	0	12	0	2	0	0	0
	7/5-6,8-9 (7/5-10)	M	Mean Length			609		739		901		992			
			Std. Error			6		14		34		34			
			Range			480- 751		661- 830		641- 975		933-1050			
			Sample Size	0	0	58	0	14	0	9	0	3	0	0	0
		F	Mean Length					860		888		985			
			Std. Error					-		15		29			
			Range					860- 860		843- 975		908-1049			
			Sample Size	0	0	0	0	1	0	10	0	4	0	0	0
	7/12-18 (7/11-19)	M	Mean Length			598		710		887					
			Std. Error			4		20		21					
			Range			461- 681		549- 861		809- 953					
			Sample Size	0	0	91	0	16	0	6	0	0	0	0	0
		F	Mean Length							909		1020			
			Std. Error							17		10			
			Range							802- 983		1010-1030			
			Sample Size	0	0	0	0	0	0	11	0	2	0	0	0
	7/20-21,23-24 (7/20-8/26)	M	Mean Length			619		716		932					
			Std. Error			8		18		21					
			Range			543- 971		611- 806		879- 995					
			Sample Size	0	0	53	0	11	0	5	0	0	0	0	0
		F	Mean Length					827		932		962			
			Std. Error					-		11		4			
			Range					827- 827		893- 995		958- 966			
			Sample Size	0	0	0	0	1	0	11	0	2	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 6 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length			605		721		905		994			
			Range			461- 971		549- 874		641-1040		933-1050			
			Sample Size	0	0	242	0	58	0	23	0	4	0	0	0
		F	Mean Length					843		911		987			
			Range					827- 860		802- 995		908-1049			
			Sample Size	0	0	0	0	2	0	44	0	10	0	0	0
1980 [e]	Season	M	Mean Length			574		734		825		956			
			Range			490- 713		610- 897		651- 940	0	890- 989			
			Sample Size	0	0	25	0	50	0	5		3	0	0	0
		F	Mean Length					824		899		969			
			Range					720- 969		820- 969		930- 995			
			Sample Size	0	0	0	0	11	0	18	0	6	0	0	0
1981	6/28-29,7/1-3 (6/17-7/3)	M	Mean Length			574		721		877					
			Std. Error			9		7		12					
			Range			500- 655		602- 868		630-1014					
			Sample Size	0	0	18	0	61	0	35	0	0	0	0	0
		F	Mean Length			544		803		899		990			
			Std. Error			-		13		8		-			
			Range			544- 544		790- 815		822-1015		990- 990			
			Sample Size	0	0	1	0	2	0	41	0	1	0	0	0
	7/4-7 (7/4-7)	M	Mean Length			573		746		876		951			
			Std. Error			18		12		12		10			
			Range			480- 669		600- 940		750- 990		940- 971			
			Sample Size	0	0	12	0	44	0	32	0	3	0	0	0
		F	Mean Length					807		922		950			
			Std. Error					38		7		15			
			Range					686- 921		844-1004		911- 994			
			Sample Size	0	0	0	0	5	0	36	0	5	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 7 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/8-11	M	Mean Length			578		735		897		1013			
	(7/8-11)		Std. Error			35		11		13		8			
			Range			495- 648		615- 870		794-1001		999-1026			
			Sample Size	0	0	4	0	32	0	20	0	3	0	0	0
		F	Mean Length					817		918		957			
			Std. Error					-		6		-			
			Range					817- 817		830-1111		957- 957			
			Sample Size	0	0	0	0	1	0	62	0	1	0	0	0
	7/12-16,18	M	Mean Length			585		716		873		971			
	(7/12-18)		Std. Error			19		9		11		30			
			Range			504- 664		636- 841		734- 956		941-1000			
			Sample Size	0	0	7	0	27	0	28	0	2	0	0	0
		F	Mean Length					823		917		975			
			Std. Error					21		6		7			
			Range					785- 877		811-1109		945-1004			
			Sample Size	0	0	0	0	5	0	78	0	9	0	0	0
	7/19,21-23	M	Mean Length			569		730		867		1004			
	(7/19-24)		Std. Error			58		13		13		-			
			Range			471- 672		637- 795		782- 935		1004-1004			
			Sample Size	0	0	3	0	13	0	13	0	1	0	0	0
		F	Mean Length					778		914		928			
			Std. Error					34		5		8			
			Range					651- 862		771-1019		911- 944			
			Sample Size	0	0	0	0	7	0	93	0	4	0	0	0
	7/25-9/14	M	Mean Length		380	477		740		915					
	(7/25-9/20)		Std. Error		8	15		16		24					
			Range		347- 445	409- 644		621- 856		811-1002					
			Sample Size	0	10	15	0	17	0	9	0	0	0	0	0
		F	Mean Length		369			795		915		964			
			Std. Error		-			62		7		-			
			Range		369- 369			733- 857		815- 980		964- 964			
			Sample Size	0	1	0	0	2	0	32	0	1	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 8 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		380	571		731		880		981			
			Range		347- 445	409- 672		600- 940		630-1014		940-1026			
			Sample Size	0	10	59	0	194	0	137	0	9	0	0	0
		F	Mean Length		369	544		807		915		962			
			Range		369- 369	544- 544		651- 921		771-1111		911-1004			
			Sample Size	0	1	1	0	22	0	342	0	21	0	0	0
1982	7/9-14 (6/18-7/14)	M	Mean Length			537		673		838		979			
			Std. Error			27		13		15		23			
			Range			485- 596		585- 812		716- 930		956-1001			
			Sample Size	0	0	4	0	20	0	18	0	2	0	0	0
		F	Mean Length					653		867		971			
			Std. Error					13		7		25			
			Range					640- 665		735- 950		941-1021			
			Sample Size	0	0	0	0	2	0	45	0	3	0	0	0
	7/15-19 (7/15-19)	M	Mean Length			542		690		833		989			
			Std. Error			8		9		18		-			
			Range			451- 574		630- 755		716-1000		989- 989			
			Sample Size	0	0	14	0	20	0	19	0	1	0	0	0
		F	Mean Length					812		883		951			
			Std. Error					-		9		22			
			Range					812- 812		766-1032		856-1040			
			Sample Size	0	0	0	0	1	0	44	0	7	0	0	0
	7/20-25 (7/20-25)	M	Mean Length			545		699		805		975			
			Std. Error			14		13		14		-			
			Range			489- 602		616- 780		766- 859		975- 975			
			Sample Size	0	0	9	0	11	0	6	0	1	0	0	0
		F	Mean Length					797		883		961			
			Std. Error					22		7		21			
			Range					756- 829		779- 992		857-1043			
			Sample Size	0	0	0	0	3	0	55	0	7	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 9 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/26-8/5	M	Mean Length		367	542		671		839					
	(7/26-8/5)		Std. Error		-	9		15		25					
			Range		367- 367	408- 658		579- 834		702- 971					
			Sample Size	0	1	32	0	20	0	11	0	0	0	0	0
		F	Mean Length							889		1006			
			Std. Error							14		-			
			Range							778-1046		1006-1006			
			Sample Size	0	0	0	0	0	0	24	0	1	0	0	0
	Season	M	Mean Length		367	540		675		837		979			
			Range		367- 367	408- 658		579- 834		702-1000		956-1001			
			Sample Size	0	1	59	0	71	0	54	0	4	0	0	0
		F	Mean Length					667		870		966			
			Range					640- 829		735-1046		856-1043			
			Sample Size	0	0	0	0	6	0	168	0	18	0	0	0
1983	6/25-30	M	Mean Length			561		655		855		939			
	(6/24-30)		Std. Error			11		8		14		53			
			Range			520- 607		564- 733		711- 982		886- 992			
			Sample Size	0	0	7	0	26	0	31	0	2	0	0	0
		F	Mean Length					675		884		912			
			Std. Error					-		10		36			
			Range					675- 675		734- 992		841- 952			
			Sample Size	0	0	0	0	1	0	34	0	3	0	0	0
	7/1-2,6	M	Mean Length		398	555		665		861		1013			
	(7/1-6)		Std. Error		-	8		8		12		41			
			Range		398- 398	515- 644		523- 751		718- 945		961-1094			
			Sample Size	0	1	21	0	35	0	26	0	3	0	0	0
		F	Mean Length					603		868		955			
			Std. Error					-		10		54			
			Range					603- 603		766- 969		901-1009			
			Sample Size	0	0	0	0	1	0	19	0	2	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 10 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/7-9	M	Mean Length			547		640		868					
	(7/7-9)		Std. Error			5		11		14					
			Range			482- 628		511- 807		712-1009					
			Sample Size	0	0	43	0	31	0	26	0	0	0	0	0
		F	Mean Length							885		900			
			Std. Error							8		18			
			Range							829- 975		857- 969			
			Sample Size	0	0	0	0	0	0	29	0	6	0	0	0
	7/10-12	M	Mean Length			531		689		876					
	(7/10-31)		Std. Error			9		16		13					
			Range			450- 604		589- 766		741-1065					
			Sample Size	0	0	19	0	12	0	34	0	0	0	0	0
		F	Mean Length					739		884		972			
			Std. Error					-		11		23			
			Range					739- 739		783- 970		908-1008			
			Sample Size	0	0	0	0	1	0	30	0	4	0	0	0
	Season	M	Mean Length		398	540		670		872		1005			
			Range		398- 398	450- 644		511- 807		711-1065		886-1094			
			Sample Size	0	1	90	0	104	0	117	0	5	0	0	0
		F	Mean Length					701		882		957			
			Range					603- 739		734- 992		841-1009			
			Sample Size	0	0	0	0	3	0	112	0	15	0	0	0
1984	6/19,23-30	M	Mean Length			530		659		865		1022			
	(6/19-30)		Std. Error			8		5		18		44			
			Range			461- 580		512- 781		704- 999		939- 1089			
			Sample Size	0	0	17	0	71	0	25	0	3	0	0	0
		F	Mean Length					662		896		909			
			Std. Error					30		10		24			
			Range					616- 750		830- 987		851- 975			
			Sample Size	0	0	0	0	4	0	21	0	5	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 11 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/1-4	M	Mean Length			539		662		788		947			
	(7/1-4)		Std. Error			7		5		21		19			
			Range			444- 629		511- 815		685- 934		904- 995			
			Sample Size	0	0	40	0	108	0	15	0	5	0	0	0
		F	Mean Length			568		662		835		922			
			Std. Error			-		20		11		7			
			Range			568- 568		625- 716		729- 939		896- 954			
			Sample Size	0	0	1	0	4	0	20	0	7	0	0	0
	7/5-7	M	Mean Length			545		654		804		972			
	(7/5-7)		Std. Error			8		5		21		28			
			Range			482- 661		521- 760		704- 954		944- 100			
			Sample Size	0	0	23	0	86	0	16	0	2	0	0	0
		F	Mean Length					761		867		941			
			Std. Error					67		13		25			
			Range					694- 828		798- 975		864- 1014			
			Sample Size	0	0	0	0	2	0	18	0	6	0	0	0
	7/8-11	M	Mean Length			539		647		836		994			
	(7/8-11)		Std. Error			10		7		25		-			
			Range			448- 665		505- 775		690- 964		994- 994			
			Sample Size	0	0	27	0	70	0	12	0	1	0	0	0
		F	Mean Length					772		861		897			
			Std. Error					11		11		37			
			Range					748- 810		804- 960		842- 967			
			Sample Size	0	0	0	0	5	0	17	0	3	0	0	0
	7/12-14	M	Mean Length			546		683		834					
	(7/12-14)		Std. Error			8		8		32					
			Range			457- 727		558- 835		673- 1013					
			Sample Size	0	0	46	0	64	0	13	0	0	0	0	0
		F	Mean Length							869		915			
			Std. Error							11		29			
			Range							734- 975		880- 973			
			Sample Size	0	0	0	0	0	0	29	0	3	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 12 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/15-17	M	Mean Length			548		664		829					
	(7/15-17)		Std. Error			8		7		28					
			Range			457- 689		540- 808		610- 1020					
			Sample Size	0	0	39	0	63	0	18	0	0	0	0	0
		F	Mean Length					705		859		960			
			Std. Error					44		9		1			
			Range					661- 749		779- 939		959- 960			
			Sample Size	0	0	0	0	2	0	28	0	2	0	0	0
	7/18-21	M	Mean Length		369	532		672		823		1016			
	(7/18-21)		Std. Error		-	9		8		27		-			
			Range		369- 369	408- 600		538- 845		696- 974		1016- 1016			
			Sample Size	0	1	27	0	52	0	16	0	1	0	0	0
		F	Mean Length					820		859				873	
			Std. Error					-		11				-	
			Range					820- 820		705- 938				873- 873	
			Sample Size	0	0	0	0	1	0	23	0	0	0	1	0
	7/22-28	M	Mean Length			524		659		820		967			
	(7/22-28)		Std. Error			7		7		30		48			
			Range			436- 634		530- 800		616- 1054		919- 1015			
			Sample Size	0	0	42	0	57	0	14	0	2	0	0	0
		F	Mean Length					801		873		916			
			Std. Error					13		7		23			
			Range					713- 842		756- 994		845- 990			
			Sample Size	0	0	0	0	9	0	54	0	7	0	0	0
	7/29-8/9,12-14	M	Mean Length			536		650		838		1013			
	(7/29-8/21)		Std. Error			10		8		24		53			
			Range			381- 664		537- 785		708- 962		960- 1066			
			Sample Size	0	0	29	0	47	0	10	0	2	0	0	0
		F	Mean Length					805		860		953			
			Std. Error					-		11		20			
			Range					805- 805		742- 1000		918- 996			
			Sample Size	0	0	0	0	2	0	34	0	4	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 13 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		369	541		663		823		970			
			Range		369- 369	381- 727		505- 845		610- 1054		904- 1089			
			Sample Size	0	1	290	0	618	0	139	0	16	0	0	0
		F	Mean Length			568		740		862		926		873	
			Range			568- 568		616- 842		705 -1000		842- 1014		873- 873	
			Sample Size	0	0	1	0	29	0	244	0	37	0	1	0
1985	7/7-10 (6/25-7/10)	M	Mean Length			549		682		821		957			
			Std. Error			12		7		16		16			
			Range			495- 624		540- 816		641- 1008		899- 1002			
			Sample Size	0	0	13	0	62	0	35	0	6	0	0	0
		F	Mean Length					738		889		919			
			Std. Error					47		7		21			
			Range					613- 831		736- 989		887- 958			
			Sample Size	0	0	0	0	4	0	47	0	3	0	0	0
	7/11-14 (7/11-14)	M	Mean Length			538		696		794		1000			
			Std. Error			10		6		13		-			
			Range			423- 631		599- 854		676- 1020		1000- 1000			
			Sample Size	0	0	29	0	77	0	41	0	1	0	0	0
		F	Mean Length					771		870		897			
			Std. Error					30		6		22			
			Range					721- 857		788- 951		853- 942			
			Sample Size	0	0	0	0	4	0	44	0	4	0	0	0
	7/15-18 (7/15-18)	M	Mean Length			546		684		795		931			
			Std. Error			8		6		13		145			
			Range			444- 637		562- 791		671- 798		786- 1075			
			Sample Size	0	0	41	0	77	0	33	0	2	0	0	0
		F	Mean Length					781		891		903		950	
			Std. Error					38		7		18		-	
			Range					678- 848		782- 981		841- 954		950- 950	
			Sample Size	0	0	0	0	4	0	46	0	5	0	1	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 14 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/19-22	M	Mean Length			540		680		798					
	(7/19-22)		Std. Error			7		8		15					
			Range			414- 621		534- 925		597- 941					
			Sample Size	0	0	49	0	54	0	28	0	0	0	0	0
		F	Mean Length					812		856		897			
			Std. Error					11		8		32			
			Range					790- 825		748- 995		827- 960			
			Sample Size	0	0	0	0	3	0	42	0	4	0	0	0
	7/23,25-27,29	M	Mean Length			559		678		787					
	(7/23-29)		Std. Error			9		9		14					
			Range			476- 643		481- 776		659- 940					
			Sample Size	0	0	27	0	41	0	24	0	0	0	0	0
		F	Mean Length					746		868		934			
			Std. Error					29		6		22			
			Range					663- 797		751- 955		896- 996			
			Sample Size	0	0	0	0	4	0	65	0	4	0	0	0
	7/30-8/3,8/5-6,	M	Mean Length			517		676		807		954			
	8/8-10,12		Std. Error			12		12		20		-			
	(7/30 - 8/15)		Range			412- 586		538- 802		698- 1000		954- 954			
			Sample Size	0	0	18	0	28	0	20	0	1	0	0	0
		F	Mean Length					766		856		850			
			Std. Error					29		8		-			
			Range					688- 827		730- 950		850- 850			
			Sample Size	0	0	0	0	4	0	46	0	1	0	0	0
	Season	M	Mean Length			544		685		802		956			
			Range			412- 643		481- 925		597- 1020		786- 1075			
			Sample Size	0	0	177	0	339	0	181	0	10	0	0	0
		F	Mean Length					764		874		908		950	
			Range					613- 857		730- 995		827- 996		950- 950	
			Sample Size	0	0	0	0	23	0	290	0	21	0	1	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 15 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1986	6/30-7/6	M	Mean Length			552		661		839		945			
	(6/30-7/6)		Std. Error			8		5		22		56			
			Range			495- 585		525- 835		696- 1052		815- 1050			
			Sample Size	0	0	12	0	109	0	18	0	4	0	0	0
		F	Mean Length					815		892		925			
			Std. Error					-		9		11			
			Range					815- 815		782- 971		885- 951			
			Sample Size	0	0	0	0	1	0	27	0	5	0	0	0
	7/7-10	M	Mean Length			542		678		783		938			
	(7/7-10)		Std. Error			12		5		17		70			
			Range			458- 646		515- 890		698- 960		868- 1008			
			Sample Size	0	0	16	0	127	0	18	0	2	0	0	0
		F	Mean Length					808		864		876			
			Std. Error					24		9		21			
			Range					784- 832		801- 955		855- 897			
			Sample Size	0	0	0	0	2	0	20	0	2	0	0	0
	7/11-14	M	Mean Length			540		668		790		991			
	(7/11-14)		Std. Error			9		7		23		42			
			Range			465- 611		520- 925		682- 930		880- 1064			
			Sample Size	0	0	21	0	99	0	14	0	4	0	0	0
		F	Mean Length					819		867		872			
			Std. Error					12		8		23			
			Range					795- 831		785- 959		744- 965			
			Sample Size	0	0	0	0	3	0	36	0	11	0	0	0
	7/15-19	M	Mean Length		335	511		680		838		912			
	(7/15-8/28)		Std. Error		-	18		10		27		7			
			Range		335- 335	410- 584		493- 886		691- 1014		905- 919			
			Sample Size	0	1	10	0	52	0	14	0	2	0	0	0
		F	Mean Length					794		868		928			
			Std. Error					18		9		17			
			Range					769- 829		738- 970		860- 1009			
			Sample Size	0	0	0	0	3	0	37	0	9	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 16 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		335	527		675		822		940			
			Range		355- 355	410- 646		493- 925		682- 1052		815- 1064			
			Sample Size	0	1	59	0	387	0	64	0	12	0	0	0
		F	Mean Length					801		869		913			
			Range					769- 832		738- 971		744- 1009			
			Sample Size	0	0	0	0	9	0	120	0	27	0	0	0
1987[b]	7/15-16	M	Mean Length			555		720		821		970			
			Std. Error			8		10		12		-			
			Range			485- 660		590- 810		715- 950		970- 970			
			Sample Size	0	0	30	0	28	0	25	0	1	0	0	0
		F	Mean Length					810		869					
			Std. Error					-		8					
			Range					810- 810		765- 970					
			Sample Size	0	0	0	0	1	0	32	0	0	0	0	0
	8/10-14	M	Mean Length		300	537		739		839					
			Std. Error		-	24		18		17					
			Range		300- 300	415- 660		695-810		790- 900					
			Sample Size	0	1	9	0	6	0	7	0	0	0	0	0
		F	Mean Length							920					
			Std. Error							-					
			Range							920- 920					
			Sample Size	0	0	0	0	0	0	1	0	0	0	0	0
	Season [c]	M	Mean Length		300	551		723		825		970			
			Range		300- 300	415- 660		590- 810		715- 950		970- 970			
			Sample Size	0	1	39	0	34	0	32	0	1	0	0	0
		F	Mean Length					810		870					
			Range					810- 810		765- 970					
			Sample Size	0	0	0	0	1	0	33	0	0	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 17 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1988	7/6-9	M	Mean Length			585		721		833		860			
	(6/24-7/9)		Std. Error			12		6		18		60			
			Range			510- 675		550- 935		615- 970		800- 920			
			Sample Size	0	0	14	0	99	0	24	0	2	0	0	0
		F	Mean Length					812		860		913			
			Std. Error					17		10		7			
			Range					640- 885		695- 970		870- 970			
			Sample Size	0	0	0	0	15	0	38	0	12	0	0	0
	7/10-13	M	Mean Length			578		717		833		863			
	(7/10-13)		Std. Error			13		5		10		53			
			Range			495- 655		575- 825		680- 925		810- 915			
			Sample Size	0	0	14	0	94	0	26	0	2	0	0	0
		F	Mean Length					797		862		893			
			Std. Error					9		7		15			
			Range					720- 860		765- 995		740- 780			
			Sample Size	0	0	0	0	14	0	44	0	14	0	0	0
	7/14-17	M	Mean Length			567		727		818		865			
	(7/14-17)		Std. Error			11		7		13		-			
			Range			405- 635		560- 905		685- 905		865- 865			
			Sample Size	0	0	23	0	83	0	19	0	1	0	0	0
		F	Mean Length					828		868		908			
			Std. Error					8		7		11			
			Range					770- 900		755- 1002		825- 970			
			Sample Size	0	0	0	0	22	0	45	0	16	0	0	0
	7/18-21	M	Mean Length			552		738		859					
	(7/18-21)		Std. Error			14		9		27					
			Range			440- 650		630- 910		750- 995					
			Sample Size	0	0	17	0	58	0	8	0	0	0	0	0
		F	Mean Length					825		876		910			
			Std. Error					10		7		11			
			Range					745- 860		750- 945		860- 980			
			Sample Size	0	0	0	0	11	0	33	0	13	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 18 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/22-27	M	Mean Length			507		729		805		912			
	(7/22-8/29)		Std. Error			12		12		23		55			
			Range			450- 565		520- 830		695- 980		815- 1005			
			Sample Size	0	0	10	0	34	0	12	0	3	0	0	0
		F	Mean Length					826		878		902			
			Std. Error					7		14		16			
			Range					780- 885		710- 965		825- 1000			
			Sample Size	0	0	0	0	14	0	21	0	12	0	0	0
	Season	M	Mean Length			570		722		829		871			
			Range			405- 675		520- 935		615- 995		800- 1005			
			Sample Size	0	0	78	0	368	0	89	0	8	0	0	0
		F	Mean Length					814		864		905			
			Range					640- 900		695- 1002		740- 1000			
			Sample Size	0	0	0	0	76	0	181	0	67	0	0	0
1989[b]	7/7-10	M	Mean Length			586		694		834		980			
			Std. Error			21		19		15		-			
			Range			520- 780		515- 850		600- 1030		980- 980			
			Sample Size	0	0	11	0	21	0	36	0	1	0	0	0
		F	Mean Length					799		890		918			
			Std. Error					40		11		58			
			Range					695- 880		795- 1020		860- 975			
			Sample Size	0	0	0	0	4	0	35	0	2	0	0	0
	7/11-14	M	Mean Length			562		702		841		680			
			Std. Error			7		14		22		-			
			Range			495- 614		560- 910		590- 1020		680- 680			
			Sample Size	0	0	21	0	30	0	21	0	1	0	0	0
		F	Mean Length							884					
			Std. Error							7					
			Range							810- 990					
			Sample Size	0	0	0	0	0	0	34	0	0	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 19 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season [c]	M	Mean Length			570		699		837		830			
			Range			495- 780		515- 910		590- 1030		680- 980			
			Sample Size	0	0	32	0	51	0	57	0	2	0	0	0
		F	Mean Length					799		887		918			
			Range					695- 880		795- 1020		860- 975			
			Sample Size	0	0	0	0	4	0	69	0	2	0	0	0
1990[d]	6/30-7/7	M	Mean Length		568	584		709		834					
	(6/19-7/7)		Std. Error		3	6		7		19					
			Range		565- 570	500- 685		540- 840		775- 930					
			Sample Size	0	2	50	0	76	0	7	0	0	0	0	0
		F	Mean Length					816		896					
			Std. Error					16		14					
			Range					740- 890		840- 975					
			Sample Size	0	0	0	0	9	0	8	0	0	0	0	0
	7/8-14	M	Mean Length		555	577		728		887					
	(7/8-14)		Std. Error		20	7		8		22					
			Range		519- 598	509- 652		613- 872		865- 908					
			Sample Size	0	4	40	0	62	0	2	0	0	0	0	0
		F	Mean Length					831		855		852			
			Std. Error					11		17		-			
			Range					745- 963		760- 945		852- 852			
			Sample Size	0	0	0	0	16	0	10	0	1	0	0	0
	7/15-20,22	M	Mean Length		599	605		756		872					
	(7/15-8/23)		Std. Error		21	13		9		49					
			Range		567- 639	527- 672		630- 873		823- 921					
			Sample Size	0	3	9	0	40	0	2	0	0	0	0	0
		F	Mean Length					842		851					
			Std. Error					11		12					
			Range					775- 939		775- 911					
			Sample Size	0	0	0	0	16	0	10	0	0	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 20 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		576	584		733		859					
			Range		519- 639	500- 685		540- 873		775- 930					
			Sample Size	0	9	99	0	178	0	11	0	0	0	0	0
		F	Mean Length					835		859		852			
			Range					740- 963		760- 975		852- 852			
			Sample Size	0	0	0	0	41	0	28	0	1	0	0	0
1991	7/6-10 (7/4-10)	M	Mean Length			507		751		887					
			Std. Error			41		16		23					
			Range			425- 555		635- 885		530- 1100					
			Sample Size	0	0	3	0	19	0	25	0	0	0	0	0
		F	Mean Length					810		890					
			Std. Error					18		7					
			Range					775- 835		810- 950					
			Sample Size	0	0	0	0	3	0	30	0	0	0	0	0
	7/11-14 (7/11-14)	M	Mean Length			578		744	660	843					
			Std. Error			22		15	-	18					
			Range			500- 640		530- 820	660- 660	735- 935					
			Sample Size	0	0	6	0	19	1	13	0	0	0	0	0
		F	Mean Length					806		902		930			
			Std. Error					20		11		-			
			Range					765- 860		710- 1035		930- 930			
			Sample Size	0	0	0	0	4	0	31	0	1	0	0	0
	7/15-18 (7/15-18)	M	Mean Length			539		769		887					
			Std. Error			13		14		26					
			Range			480- 570		670- 890		775- 980					
			Sample Size	0	0	7	0	20	0	9	0	0	0	0	0
		F	Mean Length					839		894		980			
			Std. Error					12		9		-			
			Range					800- 900		825- 980		980- 980			
			Sample Size	0	0	0	0	8	0	29	0	1	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 21 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/19-23	M	Mean Length			574		794		794					
	(7/19-9/15)		Std. Error			17		25		43					
			Range			550- 640		710- 915		530- 910					
			Sample Size	0	0	5	0	10	0	9	0	0	0	0	0
		F	Mean Length					816		876		913			
			Std. Error					20		7		30			
			Range					690- 910		740- 1010		870- 970			
			Sample Size	0	0	0	0	9	0	50	0	3	0	0	0
	Season	M	Mean Length			548		756	660	871					
			Range			425- 640		530- 915	660- 660	530- 1100					
			Sample Size	0	0	21	0	68	1	56	0	0	0	0	0
		F	Mean Length					821		891		937			
			Range					690- 910		710- 1035		870- 980			
			Sample Size	0	0	0	0	24	0	140	0	5	0	0	0
1992[e]	7/6-10	M	Mean Length			584		724		828		873			
	(6/20-7/14)		Std. Error			8		7		21		78			
			Range			500- 690		565- 875		640- 975		795- 950			
			Sample Size	0	0	32	0	84	0	19	0	2	0	0	0
		F	Mean Length					782		885		940	850		
			Std. Error					26		7		-	-		
			Range					660- 835		730- 1000		940- 940	850- 850		
			Sample Size	0	0	0	0	6	0	50	0	2	1	0	0
	7/18-21	M	Mean Length			600		741		853					
	(6/15-8/21)		Std. Error			8		11		20					
			Range			515- 775		570- 890		730- 975					
			Sample Size	0	0	40	0	45	0	12	0	0	0	0	0
		F	Mean Length			635		823		902		890			
			Std. Error			-		20		7		70			
			Range			635- 635		750- 960		810- 995		820- 960			
			Sample Size	0	0	1	0	6	0	45	0	2	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 22 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/10-14	M	Mean Length			586		705		821		895			
	(6/18-7/15)		Std. Error			7		11		19		85			
			Range			480- 865		560- 840		550- 980		810- 980			
			Sample Size	0	0	70	0	40	0	29	0	2	0	0	0
		F	Mean Length			620		773		876		908	950		
			Std. Error			-		32		8		18	-		
			Range			620- 620		710- 805		710- 995		840- 960	950- 950		
			Sample Size	0	0	1	0	3	0	46	0	6	1	0	0
	7/18,21,23,25	M	Mean Length			599		682		796					
	(7/16-8/13)		Std. Error			8		13		19					
			Range			505- 690		545- 850		680- 910					
			Sample Size	0	0	37	0	30	0	12	0	0	0	0	0
		F	Mean Length					822		891		867			
			Std. Error					10		7		17			
			Range					800- 850		820- 950		820- 925			
			Sample Size	0	0	0	0	5	0	24	0	7	0	0	0
1994[e]	7/3-7	M	Mean Length			611		742	625	838					
	(6/18-7/8)		Std. Error			15		7	-	15					
			Range			505- 815		595- 980	625- 625	725- 1050					
			Sample Size	0	0	26	0	94	1	26	0	0	0	0	0
		F	Mean Length					838		868		868			
			Std. Error					9		12		13			
			Range					745- 910		720- 965		855- 880			
			Sample Size	0	0	0	0	18	0	31	0	2	0	0	0
	7/18	M	Mean Length			630		750		915					
	(7/16-8/29)		Std. Error			-		14		35					
			Range			630- 630		660- 840		880- 950					
			Sample Size	0	0	1	0	17	0	2	0	0	0	0	0
		F	Mean Length					835		906					
			Std. Error					11		22					
			Range					785- 885		795- 985					
			Sample Size	0	0	0	0	7	0	7	0	0	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 23 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1995	7/6-8 (7/2-9)	M	Mean Length			609		712		857					
			Std. Error			10		15		19					
			Range			510- 740		580- 875		690- 1010					
			Sample Size	0	0	35	0	30	0	30	0	0	0	0	0
		F	Mean Length			625		791		871					
			Std. Error			8		21		8					
			Range			610- 635		705- 885		710- 985					
			Sample Size	0	0	3	0	11	0	38	0	0	0	0	0
	7/12-14 (7/10-16)	M	Mean Length			576		733		871					
			Std. Error			8		10		17					
			Range			515- 660		605- 840		725- 1035					
			Sample Size	0	0	23	0	26	0	30	0	0	0	0	0
		F	Mean Length					760		889					
			Std. Error					20		8					
			Range					690- 840		750- 985					
			Sample Size	0	0	0	0	8	0	51	0	0	0	0	0
	7/18-20 (7/17-22)	M	Mean Length			602		756		822					
			Std. Error			12		18		17					
			Range			515- 680		625- 900		550- 1020					
			Sample Size	0	0	16	0	21	0	33	0	0	0	0	0
		F	Mean Length			570		785		881		905			
			Std. Error			-		13		7		-			
			Range			570- 570		720- 885		740- 1000		905- 905			
			Sample Size	0	0	1	0	15	0	59	0	1	0	0	0
	7/25-26 (7/23-29)	M	Mean Length			587		754		865	875				
			Std. Error			14		13		25	-				
			Range			555- 630		660- 815		745- 1050	875- 875				
			Sample Size	0	0	5	0	10	0	12	1	0	0	0	0
		F	Mean Length					795		889		1020			
			Std. Error					15		8		-			
			Range					760- 825		770- 965		1020- 1020			
			Sample Size	0	0	0	0	4	0	39	0	1	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 24 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	8/1,3,5,9 (7/30-9/2)	M	Mean Length			518		756		810			775		
			Std. Error			18		26		23			-		
			Range			500- 535		680- 845		765- 840			775- 775		
			Sample Size	0	0	2	0	5	0	3	0	0	1	0	0
		F	Mean Length					840		866					
			Std. Error					-		10					
			Range					840- 840		795- 935					
			Sample Size	0	0	0	0	1	0	14	0	0	0	0	0
	Season	M	Mean Length			598		727		855	875		775		
			Range			500- 740		580- 900		550- 1050	875- 875		775- 775		
			Sample Size	0	0	81	0	92	0	108	1	0	1	0	0
		F	Mean Length			619		783		880		947			
			Range			570- 635		690- 885		710- 1000		905- 1020			
			Sample Size	0	0	4	0	39	0	201	0	2	0	0	0
1996	7/3-6 (6/20-7/8)	M	Mean Length			589		707		809	777	958			
			Std. Error			10		6		22	-	-			
			Range			503- 757		572- 854		702- 1011	777- 777	958- 958			
			Sample Size	0	0	25	0	83	0	16	1	1	0	0	0
		F	Mean Length					759		844		954			
			Std. Error					18		23		35			
			Range					685- 847		700- 992		795- 1072			
			Sample Size	0	0	0	0	8	0	15	0	7	0	0	0
	7/12-13 (7/9-14)	M	Mean Length			560		737		819		921			
			Std. Error			14		5		16		29			
			Range			440- 648		662- 931		724- 983		857- 996			
			Sample Size	0	0	15	0	81	0	21	0	4	0	0	0
		F	Mean Length					798		864		904			
			Std. Error					19		8		19			
			Range					710- 834		793- 940		825- 978			
			Sample Size	0	0	0	0	6	0	26	0	9	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 25 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/16-19	M	Mean Length			572		729		818		949			
	(7/15-9/2)		Std. Error			28		8		11		60			
			Range			461- 674		613- 842		660- 915		889- 1009			
			Sample Size	0	0	6	0	58	0	29	0	2	0	0	0
		F	Mean Length					829		864		921			
			Std. Error					13		8		13			
			Range					705- 879		782- 983		830- 1009			
			Sample Size	0	0	0	0	12	0	38	0	17	0	0	0
	Season	M	Mean Length			583		716		814	777	938			
			Range			440- 757		572- 931		660- 1011	777- 777	857- 1009			
			Sample Size	0	0	46	0	222	0	66	1	7	0	0	0
		F	Mean Length					781		855		933			
			Range					685- 879		700- 992		795- 1072			
			Sample Size	0	0	0	0	26	0	79	0	33	0	0	0
1997	7/3,5-6	M	Mean Length			611		718		846					
	(6/19-7/7)		Std. Error			6		9		17					
			Range			510- 715		605- 845		655-1050					
			Sample Size	0	0	66	0	39	0	29	0	0	0	0	0
		F	Mean Length					753		887					
			Std. Error					16		6					
			Range					720- 795		800-1000					
			Sample Size	0	0	0	0	4	0	62	0	0	0	0	0
	7/10-15	M	Mean Length			623		707		821					
	(7/8-16)		Std. Error			8		7		9					
			Range			480- 730		625- 790		690- 965					
			Sample Size	0	0	57	0	39	0	44	0	0	0	0	0
		F	Mean Length					760		871		888			
			Std. Error					-		7		3			
			Range					760- 760		735-1005		885- 895			
			Sample Size	0	0	0	0	1	0	60	0	3	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 26 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/19-20 (7/17-9/21)	M	Mean Length			607		778		872					
			Std. Error			9		11		26					
			Range			540- 760		700- 830		745-1000					
			Sample Size	0	0	28	0	11	0	10	0	0	0	0	0
		F	Mean Length			620		783		900					
			Std. Error			-		28		11					
			Range			620- 620		755- 810		820- 960					
			Sample Size	0	0	1	0	2	0	16	0	0	0	0	0
	Season	M	Mean Length			613		726		842					
			Range			480- 760		605- 845		655-1050					
			Sample Size	0	0	151	0	89	0	83	0	0	0	0	0
		F	Mean Length			620		764		884		888			
			Range			620- 620		720- 810		735-1005		885- 895			
			Sample Size	0	0	1	0	7	0	138	0	3	0	0	0
1998[e]	7/23-27	M	Mean Length			558		749		836		820			
			Std. Error			30		12		22		-			
			Range			500- 640		600- 860		750- 940		820- 820			
			Sample Size	0	0	4	0	32	0	11	0	1	0	0	0
		F	Mean Length					818		861		870			
			Std. Error					9		10		-			
			Range					755- 870		785- 990		870- 870			
			Sample Size	0	0	0	0	15	0	22	0	1	0	0	0
1999	7/12,14-16,18 (6/30-7/19)	M	Mean Length		420	594		681	550	789					
			Std. Error		-	17		9	-	10					
			Range		420- 420	500- 660		580- 890	550- 550	585- 980					
			Sample Size	0	1	8	0	50	1	51	0	0	0	0	0
		F	Mean Length					753		855		891			
			Std. Error					13		6		37			
			Range					730- 790		760- 990		800- 970			
			Sample Size	0	0	0	0	4	0	69	0	4	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 27 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/21,23,26 (7/20-30)	M	Mean Length			581		713		801					
			Std. Error			13		18		13					
			Range			545- 605		590- 850		730- 860					
			Sample Size	0	0	5	0	15	0	11	0	0	0	0	0
		F	Mean Length					812		841		930			
			Std. Error					22		7		-			
			Range					730- 860		750- 960		930- 930			
			Sample Size	0	0	0	0	5	0	52	0	1	0	0	0
	8/3 (7/31-9/13)	M	Mean Length			586		708		773					
			Std. Error			11		11		48					
			Range			560- 610		690- 740		640- 860					
			Sample Size	0	0	4	0	4	0	4	0	0	0	0	0
		F	Mean Length					850		822					
			Std. Error					-		14					
			Range					850- 850		720- 930					
			Sample Size	0	0	0	0	1	0	15	0	0	0	0	0
	Season	M	Mean Length		420	587		694	550	792					
			Range		420- 420	500- 660		580- 890	550- 550	585- 980					
			Sample Size	0	1	17	0	69	1	66	0	0	0	0	0
		F	Mean Length					798		845		904			
			Range					730- 860		720- 990		800- 970			
			Sample Size	0	0	0	0	10	0	136	0	5	0	0	0
2000	7/7,9 (7/2-10)	M	Mean Length			599		674		775					
			Std. Error			30		11		-					
			Range			555- 710		620- 720		775- 775					
			Sample Size	0	0	5	0	10	0	1	0	0	0	0	0
		F	Mean Length					790		846					
			Std. Error					6		17					
			Range					780- 800		785- 910					
			Sample Size	0	0	0	0	3	0	7	0	0	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 28 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/11-15	M	Mean Length			563		673		841					
	(7/11-15)		Std. Error			28		10		32					
			Range			535- 590		595- 770		775- 925					
			Sample Size	0	0	2	0	19	0	4	0	0	0	0	0
		F	Mean Length					750		831		825			
			Std. Error					-		9		5			
			Range					750- 750		810- 860		820- 830			
			Sample Size	0	0	0	0	1	0	6	0	2	0	0	0
	7/16-17,19	M	Mean Length			583		661		850					
	(7/16-24)		Std. Error			11		13		-					
			Range			570- 605		580- 705	0	850- 850					
			Sample Size	0	0	3	0	9		1	0	0	0	0	0
		F	Mean Length					750		868					
			Std. Error					30		14					
			Range					720- 780		790- 920					
			Sample Size	0	0	0	0	2	0	12	0	0	0	0	0
	7/28	M	Mean Length					680		830					
	(7/25-8/30)		Std. Error					30		-					
			Range					625- 735		830- 830					
			Sample Size	0	0	0	0	4	0	1	0	0	0	0	0
		F	Mean Length					860		876					
			Std. Error					-		26					
			Range					860- 860		790- 950					
			Sample Size	0	0	0	0	1	0	5	0	0	0	0	0
	Season	M	Mean Length			587		671		831					
			Range			535- 710		580- 770		775- 925					
			Sample Size	0	0	10	0	42	0	7	0	0	0	0	0
		F	Mean Length					786		859		825			
			Range					720- 860		785- 950		820- 830			
			Sample Size	0	0	0	0	7	0	30	0	2	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 29 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2001	7/6,8,10 (6/21-7/11)	M	Mean Length			554		677		796					
			Std. Error			10		6		16					
			Range			485-615		536-800	0	604-970					
			Sample Size	0	0	18	0	66		24	0	0	0	0	0
		F	Mean Length			560		715		845		870			
			Std. Error			-		24		11		-			
			Range			560-560		624-806		707-920		870-870			
			Sample Size	0	0	1	0	7	0	23	0	1	0	0	0
	7/13-18 (7/12-23)	M	Mean Length			563		682		839		801			
			Std. Error			7		6		8		11			
			Range			460-654		577-779		650-969		790-812			
			Sample Size	0	0	36	0	56	0	59	0	2	0	0	0
		F	Mean Length					686		858		888			
			Std. Error					38		6		7			
			Range					648-724		745-989		881-894			
			Sample Size	0	0	0	0	2	0	62	0	2	0	0	0
	7/30-8/2,4 (7/24-8/29)	M	Mean Length			542		676		782		797			
			Std. Error			4		13		22		-			
			Range			520-554		632-714		760-803		797-797			
			Sample Size	0	0	8	0	6	0	2	0	1	0	0	0
		F	Mean Length					766		865		980			
			Std. Error					-		13		-			
			Range					766-766		740-951		980-980			
			Sample Size	0	0	0	0	1	0	19	0	1	0	0	0
	Season	M	Mean Length			556		678		818		799			
			Range			460-654		536-800		604-970		790-812			
			Sample Size	0	0	62	0	128	0	85	0	3	0	0	0
		F	Mean Length			560		716		855		903			
			Range			560-560		642-806		707-989		870-980			
			Sample Size	0	0	1	0	10	0	104	0	4	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 30 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2002	6/28,30-7/5 (6/26-7/7)	M	Mean Length			562		675		738					
			Std Error			6		8		25					
			Range			515-625		561-818		552-820					
			Sample Size	0	0	24	0	44	0	10	0	0	0	0	0
		F	Mean Length					782		851					
			Std Error					8		15					
			Range					767-790		762-929					
			Sample Size	0	0	0	0	3	0	13	0	0	0	0	0
	7/9-12 (7/8-14)	M	Mean Length			564		682		777		977			
			Std Error			8		6		13		-			
			Range			478-659		518-818		558-889		977-977			
			Sample Size	0	0	26	0	88	0	26	0	1	0	0	0
		F	Mean Length					784		855		867			
			Std Error					13		7		44			
			Range					758-821		760-939		823-910			
			Sample Size	0	0	0	0	5	0	43	0	2	0	0	0
	7/16-19 (7/15-20)	M	Mean Length			563		705		834		928			
			Std Error			12		9		24		35			
			Range			455-635		547-840		735-920		893-962			
			Sample Size	0	0	15	0	45	0	7	0	2	0	0	0
		F	Mean Length					779		869		893			
			Std Error					22		10		21			
			Range					702-871		749-979		854-926			
			Sample Size	0	0	0	0	6	0	32	0	3	0	0	0
	7/22-26,29-8/3, 6,22 (7/21-9/24)	M	Mean Length			567		688		761					
			Std Error			27		11		30					
			Range			468-771		550-836		646-887					
			Sample Size	0	0	9	0	35	0	7	0	0	0	0	0
		F	Mean Length					766		846					
			Std Error					25		11					
			Range					667-880		802-953					
			Sample Size	0	0	0	0	7	0	13	0	0	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 31 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length			563		684		769		945			
			Range			455-771		518-840		552-920		893-977			
			Sample Size	0	0	74	0	212	0	50	0	3	0	0	0
		F	Mean Length					777		857		882			
			Range					667- 880		749-979		823-926			
			Sample Size	0	0	0	0	21	0	101	0	5	0	0	0
2003	7/1-4 (6/21-7/5)	M	Mean Length			543		667		778					
			Std. Error			10		11		19					
			Range			482- 594		514- 769		735- 882					
			Sample Size	0	0	12	0	35	0	7	0	0	0	0	0
		F	Mean Length					828		872		800			
			Std. Error					1		5		-			
			Range					827- 829		867- 877		800- 800			
			Sample Size	0	0	0	0	2	0	2	0	1	0	0	0
	7/7,9-11 (7/6-12)	M	Mean Length			551		713		840					
			Std. Error			7		11		27					
			Range			480- 609		592- 800		768- 970					
			Sample Size	0	0	24	0	33	0	7	0	0	0	0	0
		F	Mean Length					600		867		893			
			Std. Error					-		12		17			
			Range					600- 600		700- 944		851- 930			
			Sample Size	0	0	0	0	1	0	23	0	4	0	0	0
	7/15-19 (7/13-20)	M	Mean Length			526		713		791					
			Std. Error			15		12		24					
			Range			465- 611		600- 863		666- 886					
			Sample Size	0	0	9	0	27	0	8	0	0	0	0	0
		F	Mean Length					786		852		796			
			Std. Error					-		12		-			
			Range					786- 786		783- 935		796- 796			
			Sample Size	0	0	0	0	1	0	18	0	1	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 32 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/21-8/7 (7/21-9/20)	M	Mean Length			552		705		838					
			Std. Error			8		9		16					
			Range			487- 624		562- 866		762- 964					
			Sample Size	0	0	23	0	51	0	13	0	0	0	0	0
		F	Mean Length					792		848		911			
			Std. Error					9		7		26			
			Range					762- 822		758- 954		824- 987			
			Sample Size	0	0	0	0	8	0	58	0	5	0	0	0
	Season	M	Mean Length			544		703		809					
			Range			465- 624		514- 866		666- 970					
			Sample Size	0	0	68	0	146	0	35	0	0	0	0	0
		F	Mean Length					770		855		872			
			Range					600- 829		700- 954		796- 987			
			Sample Size	0	0	0	0	12	0	101	0	11	0	0	0
2004	6/29-7/2 (6/21-7/4)	M	Mean Length			580		648		761					
			Std. Error			5		7		56					
			Range			533- 658		578- 720		653- 844					
			Sample Size	0	0	35	0	32	0	3	0	0	0	0	0
		F	Mean Length			533		698		821					
			Std. Error			19		-		27					
			Range			508- 570		698- 698		752- 877					
			Sample Size	0	0	3	0	1	0	4	0	0	0	0	0
	7/6-9 (7/5-10)	M	Mean Length			588		695		793					
			Std. Error			5		6		22					
			Range			516- 699		553- 835		650- 902					
			Sample Size	0	0	70	0	70	0	12	0	0	0	0	0
		F	Mean Length					789		858		880			
			Std. Error					14		10		42			
			Range					764- 828		796- 935		838- 921			
			Sample Size	0	0	0	0	4	0	15	0	2	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 33 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/12-16	M	Mean Length			601		695		835					
	(7/11-17)		Std. Error			5		8		21					
			Range			520- 706		564- 854		681- 949					
			Sample Size	0	0	71	0	57	0	14	0	0	0	0	0
		F	Mean Length					754		865		825			
			Std. Error					15		7		-			
			Range					704- 795		758- 974		825- 825			
			Sample Size	0	0	0	0	6	0	42	0	1	0	0	0
	7/19-23	M	Mean Length			606		698		772					
	(7/18-25)		Std. Error			4		8		19					
			Range			492- 706		582- 835		668- 857					
			Sample Size	0	0	99	0	49	0	11	0	0	0	0	0
		F	Mean Length					790		856					
			Std. Error					14		11					
			Range					753- 820		752- 944					
			Sample Size	0	0	0	0	4	0	26	0	0	0	0	0
	7/27-8/6	M	Mean Length			579		682		657					
	(7/26-9/25)		Std. Error			6		13		76					
			Range			497- 674		578- 806		555- 805					
			Sample Size	0	0	57	0	22	0	3	0	0	0	0	0
		F	Mean Length					780		844		874			
			Std. Error					15		23		-			
			Range					741- 832		631- 917		874- 874			
			Sample Size	0	0	0	0	5	0	12	0	1	0	0	0
	Season[a]	M	Mean Length			592		686		792					
			Range			492- 706		553- 854		555- 949					
			Sample Size	0	0	332	0	230	0	43	0	0	0	0	0
		F	Mean Length			533		771		857		867			
			Range			508- 570		698- 832		631- 974		825- 921			
			Sample Size	0	0	3	0	20	0	99	0	4	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 34 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2005	6/27-7/1	M	Mean Length		415	560		695		796					
	(6/22-7/3)		Std. Error		-	7		7		14					
			Range		415- 415	478- 616		584- 824		747- 905					
			Sample Size	0	1	25	0	55	0	13	0	0	0	0	0
		F	Mean Length			618		785		818		906			
			Std. Error			-		13		25		-			
			Range			618- 618		735- 841		642- 934		906- 906			
			Sample Size	0	0	1	0	9	0	10	0	1	0	0	0
	7/4-9	M	Mean Length			546		714		800		753			
	(7/4-9)		Std. Error			7		8		23		-			
			Range			428- 661		575- 888		686- 941		753- 753			
			Sample Size	0	0	52	0	59	0	13	0	1	0	0	0
		F	Mean Length			623		762		822		874			
			Std. Error			-		12		11		12			
			Range			623- 623		560- 862		687- 918		862- 886			
			Sample Size	0	0	1	0	27	0	26	0	2	0	0	0
	7/11-16	M	Mean Length		490	558		721		808					
	(7/10-17)		Std. Error		-	11		7		15					
			Range		490- 490	413- 742		599- 862		685- 973					
			Sample Size	0	1	31	0	60	0	22	0	0	0	0	0
		F	Mean Length					791		835		930			
			Std. Error					7		9		-			
			Range					725- 851		697- 945		930- 930			
			Sample Size	0	0	0	0	25	0	44	0	1	0	0	0
	7/18-22	M	Mean Length			569		714		791		764			
	(7/18-23)		Std. Error			9		7		22		-			
			Range			499- 660		608- 820		619- 924		764- 764			
			Sample Size	0	0	25	0	42	0	13	0	1	0	0	0
		F	Mean Length					790		856					
			Std. Error					11		9					
			Range					665- 859		779- 976					
			Sample Size	0	0	0	0	19	0	25	0	0	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 35 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/25,27-30	M	Mean Length			549		690		845		693			
	(7/24-9/22)		Std. Error			8		11		54		-			
			Range			445- 680		557- 762		737- 903		693- 693			
			Sample Size	0	0	49	0	19	0	3	0	1	0	0	0
		F	Mean Length					787		838					
			Std. Error					7		9					
			Range					704- 857		744- 920					
			Sample Size	0	0	0	0	28	0	29	0	0	0	0	0
	Season	M	Mean Length		465	554		712		803		740			
			Range		415- 490	413- 742		557- 888		619- 973		693- 764			
			Sample Size	0	2	182	0	235	0	64	0	3	0	0	0
		F	Mean Length			621		782		837		897			
			Range			618- 623		560- 862		642- 976		862- 930			
			Sample Size	0	0	2	0	108	0	134	0	4	0	0	0
2006	7/4-12	M	Mean Length		368	557		684		783					
	(6/28-7/12)		Std. Error		-	4		10		22					
			Range		368- 368	433- 685		552- 869		648- 912					
			Sample Size	0	1	85	0	51	0	13	0	0	0	0	0
		F	Mean Length					764		857		905			
			Std. Error					12		11		9			
			Range					695- 810		680- 932		890- 921			
			Sample Size	0	0	0	0	11	0	27	0	3	0	0	0
	7/13-19	M	Mean Length			567		722		807		813			
	(7/13-19)		Std. Error			6		9		17		23			
			Range			409- 654		580- 831		585- 933		741- 862			
			Sample Size	0	0	59	0	42	0	22	0	5	0	0	0
		F	Mean Length					796		850		884			
			Std. Error					9		8		11			
			Range					738- 872		761- 979		836- 955			
			Sample Size	0	0	0	0	16	0	32	0	10	0	0	0

Appendix A.6. Mean length (mm) of chinook salmon at the Kogrukluk River weir based on escapement samples collected with a fish trap.[a] (page 36 of 36)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/20-26	M	Mean Length		370	563		687		775		818			
	(7/20-26)		Std. Error		-	6		11		16		116			
			Range		370- 370	463- 656		483- 805		681- 830		702- 934			
			Sample Size	0	1	49	0	40	0	10	0	2	0	0	0
		F	Mean Length					779		850		832			
			Std. Error					12		7		29			
			Range					684- 870		719- 931		698- 918			
			Sample Size	0	0	0	0	16	0	50	0	7	0	0	0
	7/27-8/11	M	Mean Length		370	545		673		795					
	(7/27-9/14)		Std. Error		17	7		14		39					
			Range		353- 387	415- 655		520- 832		648- 914					
			Sample Size	0	2	47	0	25	0	6	0	0	0	0	0
		F	Mean Length					788		852		897			
			Std. Error					10		6		21			
			Range					688- 840		740- 954		839- 945			
			Sample Size	0	0	0	0	15	0	59	0	5	0	0	0
	Season	M	Mean Length		369	559		693		792		814			
			Range		353- 387	409- 685		483- 869		585- 933		702- 934			
			Sample Size	0	4	240	0	158	0	51	0	7	0	0	0
		F	Mean Length					781		852		873			
			Range					684- 872		680- 979		698- 955			
			Sample Size	0	0	0	0	58	0	168	0	25	0	0	0
	Grand Total[f]	M	Mean Length		401	568		704	669	839	810	929	851		
			Range		353- 639	381-760		481-935	550-803	530-1100	777-875	702-1089	775-950		
			Sample Size	0	32	2,549	0	4,191	3	1,673	11	96	18	0	0
		F	Mean Length		369	581		782		874		916	921	912	
			Range		369-369	568-635		613-963		680-1035		698-1072	810-1007	873-950	
			Sample Size	0	1	13	0	570	0	3,274	0	332	47	2	0

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

b The weir washed out in 1987 and 1989; these years are excluded from the "Grand Total".

c "Season" mean lengths are simple averages of number of fish sampled.

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

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

f "Grand Total" mean lengths are simple averages of the "Season" mean lengths. Years excluded are 1987, 1989, 1992 - 1994 and 1998.

Appendix A.7. Age and sex of chinook salmon at the George 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 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
1996	6/24-25	44	M	0	0.0	0	0.0	161	11.4	0	0.0	419	29.6	32	2.3	129	9.1	0	0.0	65	4.6	0	0.0	0	0.0	0	0.0	806	56.8
	(6/15-6/26)		F	0	0.0	0	0.0	0	0.0	0	0.0	97	6.8	0	0.0	322	22.7	0	0.0	193	13.6	0	0.0	0	0.0	0	0.0	612	43.2
			Subtotal	0	0.0	0	0.0	161	11.4	0	0.0	516	36.4	32	2.3	451	31.8	0	0.0	258	18.2	0	0.0	0	0.0	0	0.0	1,418	100.0
	6/28,7/2	57	M	0	0.0	0	0.0	51	1.8	0	0.0	460	15.8	0	0.0	715	24.6	0	0.0	459	15.8	0	0.0	0	0.0	0	0.0	1,685	57.9
	(6/27-7/4)		F	0	0.0	0	0.0	0	0.0	0	0.0	102	3.5	0	0.0	511	17.5	0	0.0	613	21.0	0	0.0	0	0.0	0	0.0	1,226	42.1
			Subtotal	0	0.0	0	0.0	51	1.8	0	0.0	562	19.3	0	0.0	1,226	42.1	0	0.0	1,072	36.8	0	0.0	0	0.0	0	0.0	2,911	100.0
	7/7,9	90	M	0	0.0	0	0.0	339	10.0	0	0.0	602	17.8	0	0.0	527	15.6	0	0.0	339	10.0	0	0.0	0	0.0	0	0.0	1,807	53.3
	(7/5-8/22)		F	0	0.0	0	0.0	0	0.0	0	0.0	113	3.3	0	0.0	866	25.5	0	0.0	602	17.8	0	0.0	0	0.0	0	0.0	1,581	46.7
			Subtotal	0	0.0	0	0.0	339	10.0	0	0.0	715	21.1	0	0.0	1,393	41.1	0	0.0	941	27.8	0	0.0	0	0.0	0	0.0	3,388	100.0
	Season	191	M	0	0.0	0	0.0	551	7.1	0	0.0	1,481	19.2	32	0.4	1,371	17.8	0	0.0	863	11.2	0	0.0	0	0.0	0	0.0	4,298	55.7
			F	0	0.0	0	0.0	0	0.0	0	0.0	312	4.0	0	0.0	1,699	22.0	0	0.0	1,408	18.2	0	0.0	0	0.0	0	0.0	3,419	44.3
			Subtotal	0	0.0	0	0.0	551	7.1	0	0.0	1,793	23.2	32	0.4	3,070	39.8	0	0.0	2,271	29.4	0	0.0	0	0.0	0	0.0	7,717	100.0
1997	6/24,26-27	64	M	0	0.0	0	0.0	758	28.1	0	0.0	379	14.1	0	0.0	421	15.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,557	57.8
	(6/15-27)		F	0	0.0	0	0.0	0	0.0	0	0.0	84	3.1	0	0.0	1,052	39.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,137	42.2
			Subtotal	0	0.0	0	0.0	758	28.1	0	0.0	463	17.2	0	0.0	1,473	54.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,694	100.0
	6/28 30	87	M	0	0.0	0	0.0	1,156	37.9	0	0.0	315	10.3	0	0.0	560	18.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,031	66.7
	(6/28 - 7/3)		F	0	0.0	0	0.0	0	0.0	0	0.0	35	1.2	0	0.0	981	32.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,016	33.3
			Subtotal	0	0.0	0	0.0	1,156	37.9	0	0.0	350	11.5	0	0.0	1,541	50.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,047	100.0
	7/7-11	69	M	0	0.0	0	0.0	522	39.1	0	0.0	39	2.9	0	0.0	290	21.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	850	63.8
	(7/4-12)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	483	36.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	483	36.2
			Subtotal	0	0.0	0	0.0	522	39.1	0	0.0	39	2.9	0	0.0	773	58.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,333	100.0
	7/14-18,21,23,27	49	M	0	0.0	0	0.0	275	36.7	0	0.0	46	6.1	0	0.0	138	18.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	459	61.2
	(7/13-8/22)		F	0	0.0	0	0.0	0	0.0	0	0.0	15	2.1	0	0.0	275	36.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	290	38.8
			Subtotal	0	0.0	0	0.0	275	36.7	0	0.0	61	8.2	0	0.0	413	55.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	749	100.0
	Season	269	M	0	0.0	0	0.0	2,710	34.6	0	0.0	779	10.0	0	0.0	1,409	18.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,897	62.6
			F	0	0.0	0	0.0	0	0.0	0	0.0	134	1.7	0	0.0	2,791	35.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,926	37.4
			Total	0	0.0	0	0.0	2,710	34.6	0	0.0	913	11.7	0	0.0	4,200	53.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7,823	100.0
1998[c]	6/30-7/1	49	M		0.0		0.0		36.7		0.0		34.7		0.0		6.1		0.0		0.0		0.0		0.0		0.0		77.6
			F		0.0		0.0		0.0		0.0		14.3		0.0		8.2		0.0		0.0		0.0		0.0		0.0		22.4
			Subtotal		0.0		0.0		36.7		0.0		49.0		0.0		14.3		0.0		0.0		0.0		0.0		0.0		100.0
	7/6	26	M		0.0		0.0		19.2		0.0		42.3		0.0		3.8		0.0		0.0		0.0		0.0		0.0		65.4
			F		0.0		0.0		0.0		0.0		11.5		0.0		23.1		0.0		0.0		0.0		0.0		0.0		34.6
			Subtotal		0.0		0.0		19.2		0.0		53.8		0.0		26.9		0.0		0.0		0.0		0.0		0.0		100.0
1999[u]	(6/23-7/14)	0	M																										
			F																										
			Total																									1,177	

Appendix A.7. Age and sex of chinook salmon at the George 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 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	7/18-19	32	M	0	0.0	0	0.0	111	9.4	0	0.0	111	9.4	0	0.0	445	37.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	667	56.3
	(7/15-7/20)		F	0	0.0	0	0.0	0	0.0	0	0.0	148	12.5	0	0.0	370	31.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	519	43.7
			Subtotal	0	0.0	0	0.0	111	9.4	0	0.0	259	21.9	0	0.0	815	68.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,186	100.0
	7/24	22	M	0	0.0	0	0.0	108	9.1	0	0.0	54	4.5	0	0.0	215	18.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	377	31.8
	(7/21-9/12)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	808	68.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	808	68.2
			Subtotal	0	0.0	0	0.0	108	9.1	0	0.0	54	4.5	0	0.0	1,023	86.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,185	100.0
	Season	54	M																										
			F																										
			Total																									2,371	
2000 [d]	7/4-5	51	M		0.0		0.0		7.8		0.0		9.8		0.0		27.4		0.0		0.0		0.0		0.0		0.0		45.1
			F		0.0		0.0		0.0		0.0		7.8		0.0		47.1		0.0		0.0		0.0		0.0		0.0		54.9
			Total		0.0		0.0		7.8		0.0		17.6		0.0		74.5		0.0		0.0		0.0		0.0		0.0		100.0
	7/11,21	21	M		0.0		0.0		9.5		0.0		14.3		0.0		23.8		0.0		4.8		0.0		0.0		0.0		52.4
			F		0.0		0.0		4.8		0.0		14.3		0.0		28.6		0.0		0.0		0.0		0.0		0.0		47.6
			Subtotal		0.0		0.0		14.3		0.0		18.6		0.0		52.4		0.0		4.8		0.0		0.0		0.0		100.0
	Season	72	M																										
			F																										
			Total																									2,959	
2001	6/30-7/2	15	M	0	0.0	0	0.0	151	13.3	0	0.0	680	60.0	0	0.0	227	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,057	93.3
	(6/25-7/6)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	75	6.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	76	6.7
			Total	0	0.0	0	0.0	151	13.3	0	0.0	680	60.0	0	0.0	302	26.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,133	100.0
	7/8-10	24	M	0	0.0	0	0.0	98	8.3	0	0.0	246	20.8	0	0.0	295	25.0	0	0.0	49	4.2	0	0.0	0	0.0	0	0.0	689	58.3
	(7/7-12)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	394	33.3	0	0.0	99	8.3	0	0.0	0	0.0	0	0.0	492	41.7
			Subtotal	0	0.0	0	0.0	98	8.3	0	0.0	246	20.8	0	0.0	689	58.3	0	0.0	148	12.5	0	0.0	0	0.0	0	0.0	1,181	100.0
	7/13-14,17-18,25	23	M	0	0.0	0	0.0	109	13.0	0	0.0	36	4.3	0	0.0	182	21.7	0	0.0	36	4.3	0	0.0	0	0.0	0	0.0	364	43.5
	(7/13-8/28)		F	0	0.0	0	0.0	37	4.4	0	0.0	0	0.0	0	0.0	364	43.5	0	0.0	73	8.7	0	0.0	0	0.0	0	0.0	473	56.5
			Subtotal	0	0.0	0	0.0	146	17.4	0	0.0	36	4.3	0	0.0	546	65.2	0	0.0	109	13.0	0	0.0	0	0.0	0	0.0	837	100.0
	Season	62	M	0	0.0	0	0.0	359	11.4	0	0.0	962	30.5	0	0.0	704	22.3	0	0.0	86	2.7	0	0.0	0	0.0	0	0.0	2,110	67.0
			F	0	0.0	0	0.0	36	1.1	0	0.0	0	0.0	0	0.0	833	26.5	0	0.0	171	5.4	0	0.0	0	0.0	0	0.0	1,041	33.0
			Total	0	0.0	0	0.0	395	12.5	0	0.0	962	30.5	0	0.0	1,537	48.8	0	0.0	257	8.1	0	0.0	0	0.0	0	0.0	3,151	100.0
2002	6/25-30	110	M	0	0.0	0	0.0	160	24.5	0	0.0	83	12.7	0	0.0	249	38.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	492	75.5
	(6/15-30)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	130	20.0	0	0.0	30	4.5	0	0.0	0	0.0	0	0.0	160	24.5
			Subtotal	0	0.0	0	0.0	160	24.5	0	0.0	83	12.7	0	0.0	379	58.2	0	0.0	30	4.5	0	0.0	0	0.0	0	0.0	652	100.0
	7/1-3	77	M	0	0.0	0	0.0	19	2.6	0	0.0	123	16.9	0	0.0	208	28.6	0	0.0	19	2.6	0	0.0	0	0.0	0	0.0	369	50.6
	(7/1-6)		F	0	0.0	0	0.0	0	0.0	0	0.0	19	2.6	0	0.0	275	37.6	0	0.0	66	9.1	0	0.0	0	0.0	0	0.0	360	49.4
			Subtotal	0	0.0	0	0.0	19	2.6	0	0.0	142	19.5	0	0.0	483	66.2	0	0.0	85	11.7	0	0.0	0	0.0	0	0.0	729	100.0
	7/10-14	64	M	0	0.0	0	0.0	88	12.5	0	0.0	110	15.6	0	0.0	176	25.0	0	0.0	33	4.7	0	0.0	0	0.0	0	0.0	407	57.8
	(7/7-15)		F	0	0.0	0	0.0	0	0.0	0	0.0	11	1.6	0	0.0	264	37.5	0	0.0	22	3.1	0	0.0	0	0.0	0	0.0	297	42.2
			Subtotal	0	0.0	0	0.0	88	12.5	0	0.0	121	17.2	0	0.0	440	62.5	0	0.0	55	7.8	0	0.0	0	0.0	0	0.0	704	100.0

Appendix A.7. Age and sex of chinook salmon at the George 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 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
	7/17-21	44	M	0	0.0	0	0.0	33	15.9	0	0.0	56	27.3	0	0.0	37	18.2	0	0.0	5	2.3	0	0.0	0	0.0	0	0.0	130	63.6
	(7/16-22)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	56	27.3	0	0.0	18	9.1	0	0.0	0	0.0	0	0.0	75	36.4
			Subtotal	0	0.0	0	0.0	33	15.9	0	0.0	56	27.3	0	0.0	93	45.5	0	0.0	23	11.4	0	0.0	0	0.0	0	0.0	205	100.0
	7/24-27,30-31,	20	M	0	0.0	0	0.0	8	5.0	0	0.0	46	30.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	54	35.0
	8/1-2,8		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	92	60.0	0	0.0	8	5.0	0	0.0	0	0.0	0	0.0	100	65.0
	(7/23-9/20)		Subtotal	0	0.0	0	0.0	8	5.0	0	0.0	46	30.0	0	0.0	92	60.0	0	0.0	8	5.0	0	0.0	0	0.0	0	0.0	154	11.0
	Season	315	M	0	0.0	0	0.0	307	12.6	0	0.0	418	17.1	0	0.0	671	27.4	0	0.0	57	2.3	0	0.0	0	0.0	0	0.0	1,453	59.4
			F	0	0.0	0	0.0	0	0.0	0	0.0	30	1.2	0	0.0	817	33.5	0	0.0	144	5.9	0	0.0	0	0.0	0	0.0	991	40.6
			Total	0	0.0	0	0.0	307	12.6	0	0.0	448	18.3	0	0.0	1,488	60.9	0	0.0	201	8.2	0	0.0	0	0.0	0	0.0	2,444	100.0
2003 [d]	7/16,18,20,22	23	M		0.0		0.0		8.7		0.0		17.4		0.0		34.8		0.0		4.4		0.0		0.0		0.0		65.2
			F		0.0		0.0		0.0		0.0		0.0		0.0		21.7		0.0		13.0		0.0		0.0		0.0		34.8
	Season		Subtotal		0.0		0.0		8.7		0.0		17.4		0.0		56.5		0.0		17.4		0.0		0.0		0.0	4,693	100.0
2004	6/29-7/2	68	M	0	0.0	27	1.5	766	41.2	0	0.0	355	19.1	0	0.0	328	17.7	0	0.0	27	1.5	0	0.0	0	0.0	0	0.0	1,504	80.9
	(6/15-7/4)		F	0	0.0	0	0.0	27	1.4	0	0.0	82	4.4	0	0.0	246	13.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	355	19.1
			Subtotal	0	0.0	27	1.5	793	42.6	0	0.0	437	23.5	0	0.0	574	30.9	0	0.0	27	1.5	0	0.0	0	0.0	0	0.0	1,859	100.0
	7/6-7,9-10	79	M	0	0.0	0	0.0	420	19.0	0	0.0	364	16.5	0	0.0	336	15.2	0	0.0	28	1.3	0	0.0	0	0.0	0	0.0	1,147	51.9
	(7/5-12)		F	0	0.0	0	0.0	0	0.0	0	0.0	84	3.8	0	0.0	923	41.8	0	0.0	56	2.5	0	0.0	0	0.0	0	0.0	1,064	48.1
			Subtotal	0	0.0	0	0.0	420	19.0	0	0.0	448	20.3	0	0.0	1,259	57.0	0	0.0	84	3.8	0	0.0	0	0.0	0	0.0	2,211	100.0
	7/14-17	80	M	0	0.0	0	0.0	84	12.5	0	0.0	109	16.3	0	0.0	125	18.8	0	0.0	9	1.3	0	0.0	0	0.0	0	0.0	334	50.0
	(7/13-19)		F	0	0.0	0	0.0	8	1.3	0	0.0	8	1.2	0	0.0	309	46.2	0	0.0	8	1.2	0	0.0	0	0.0	0	0.0	334	50.0
			Subtotal	0	0.0	0	0.0	92	13.8	0	0.0	117	17.5	0	0.0	434	65.0	0	0.0	17	2.5	0	0.0	0	0.0	0	0.0	668	100.0
	7/21,23-24,27,	42	M	0	0.0	0	0.0	45	9.5	0	0.0	78	16.7	0	0.0	134	28.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	257	54.8
	30,8/1,11,15		F	0	0.0	0	0.0	0	0.0	0	0.0	23	4.7	0	0.0	179	38.1	0	0.0	11	2.4	0	0.0	0	0.0	0	0.0	212	45.2
	(7/20-9/24)		Subtotal	0	0.0	0	0.0	45	9.5	0	0.0	101	21.4	0	0.0	313	66.7	0	0.0	11	2.4	0	0.0	0	0.0	0	0.0	469	100.0
	Season	269	M	0	0.0	27	0.5	1,313	25.2	0	0.0	906	17.4	0	0.0	923	17.8	0	0.0	64	1.2	0	0.0	0	0.0	0	0.0	3,242	62.3
			F	0	0.0	0	0.0	36	0.7	0	0.0	197	3.8	0	0.0	1,657	31.8	0	0.0	75	1.5	0	0.0	0	0.0	0	0.0	1,965	37.7
			Total	0	0.0	27	0.5	1,349	25.9	0	0.0	1,103	21.2	0	0.0	2,580	49.6	0	0.0	139	2.7	0	0.0	0	0.0	0	0.0	5,207	100.0
2005	6/24-29	153	M	0	0.0	0	0.0	151	12.4	0	0.0	611	50.3	0	0.0	206	17.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	968	79.7
	(6/15-30)		F	0	0.0	0	0.0	0	0.0	0	0.0	87	7.2	0	0.0	143	11.8	8	0.7	8	0.7	0	0.0	0	0.0	0	0.0	246	20.3
			Subtotal	0	0.0	0	0.0	151	12.4	0	0.0	698	57.5	0	0.0	349	28.8	8	0.7	8	0.7	0	0.0	0	0.0	0	0.0	1,214	100.0
	7/1-3,6,9-13	165	M	0	0.0	0	0.0	198	10.3	0	0.0	560	29.1	0	0.0	373	19.4	12	0.6	35	1.8	12	0.6	0	0.0	0	0.0	1,189	61.8
	(7/1-13)		F	0	0.0	0	0.0	24	1.2	0	0.0	163	8.5	0	0.0	490	25.4	11	0.6	47	2.4	0	0.0	0	0.0	0	0.0	735	38.2
			Subtotal	0	0.0	0	0.0	222	11.5	0	0.0	723	37.6	0	0.0	863	44.8	23	1.2	82	4.2	12	0.6	0	0.0	0	0.0	1,924	100.0
	7/15-17,22-23,25,	153	M	0	0.0	0	0.0	37	5.2	0	0.0	143	20.3	0	0.0	111	15.7	0	0.0	23	3.3	0	0.0	0	0.0	0	0.0	314	44.4
	27,29,31,8/1-2		F	0	0.0	0	0.0	0	0.0	0	0.0	125	17.6	0	0.0	240	34.0	14	2.0	14	1.9	0	0.0	0	0.0	0	0.0	393	55.6
	(7/14-9/20)		Subtotal	0	0.0	0	0.0	37	5.2	0	0.0	268	37.9	0	0.0	351	49.7	14	2.0	37	5.2	0	0.0	0	0.0	0	0.0	707	100.0
	Season	471	M	0	0.0	0	0.0	386	10.0	0	0.0	1,314	34.2	0	0.0	690	18.0	12	0.3	58	1.5	12	0.3	0	0.0	0	0.0	2,472	64.3
			F	0	0.0	0	0.0	23	0.6	0	0.0	375	9.7	0	0.0	873	22.7	33	0.9	69	1.8	0	0.0	0	0.0	0	0.0	1,373	35.7
			Total	0	0.0	0	0.0	409	10.6	0	0.0	1,689	43.9	0	0.0	1,563	40.7	45	1.2	127	3.3	12	0.3	0	0.0	0	0.0	3,845	100.0

Appendix A.7. Age and sex of chinook salmon at the George 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 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
2006	6/25-7/6	74	M	0	0.0	0	0.0	524	23.0	0	0.0	647	28.4	0	0.0	308	13.5	0	0.0	62	2.7	0	0.0	0	0.0	0	0.0	1,541	67.6
	(6/25-7/7)		F	0	0.0	0	0.0	31	1.3	0	0.0	154	6.7	0	0.0	463	20.3	0	0.0	92	4.1	0	0.0	0	0.0	0	0.0	740	32.4
			Subtotal	0	0.0	0	0.0	555	24.3	0	0.0	801	35.1	0	0.0	771	33.8	0	0.0	154	6.8	0	0.0	0	0.0	0	0.0	2,281	100.0
	7/8-18	66	M	0	0.0	0	0.0	465	31.8	0	0.0	310	21.2	0	0.0	155	10.6	0	0.0	67	4.6	0	0.0	0	0.0	0	0.0	997	68.2
	(7/8-19)		F	0	0.0	0	0.0	0	0.0	0	0.0	22	1.5	0	0.0	244	16.7	0	0.0	199	13.6	0	0.0	0	0.0	0	0.0	465	31.8
			Subtotal	0	0.0	0	0.0	465	31.8	0	0.0	332	22.7	0	0.0	399	27.3	0	0.0	266	18.2	0	0.0	0	0.0	0	0.0	1,462	100.0
	7/20-8/5	83	M	0	0.0	7	1.2	67	10.8	0	0.0	96	15.7	0	0.0	104	16.9	0	0.0	15	2.4	0	0.0	0	0.0	0	0.0	289	47.0
	(7/20-9/20)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	288	47.0	0	0.0	37	6.0	0	0.0	0	0.0	0	0.0	325	53.0
			Subtotal	0	0.0	7	1.2	67	10.8	0	0.0	96	15.7	0	0.0	392	63.9	0	0.0	52	8.4	0	0.0	0	0.0	0	0.0	614	100.0
	Season	223	M	0	0.0	7	0.2	1,056	24.2	0	0.0	1,054	24.2	0	0.0	567	13.0	0	0.0	143	3.3	0	0.0	0	0.0	0	0.0	2,827	64.9
			F	0	0.0	0	0.0	31	0.7	0	0.0	176	4.0	0	0.0	994	22.8	0	0.0	329	7.5	0	0.0	0	0.0	0	0.0	1,530	35.1
			Total	0	0.0	7	0.2	1,087	24.9	0	0.0	1,230	28.2	0	0.0	1,561	35.8	0	0.0	472	10.8	0	0.0	0	0.0	0	0.0	4,357	100.0
	Grand	1,547	M	0	0.0	34	0.1	6,323	20.1	0	0.0	5,952	19.0	32	0.1	5,631	17.9	12	0.0	1,185	3.8	12	0.0	0	0.0	0	0.0	19,189	61.1
	Total [e]		F	0	0.0	0	0.0	90	0.3	0	0.0	1,224	3.9	0	0.0	8,831	28.1	33	0.1	2,025	6.5	0	0.0	0	0.0	0	0.0	12,204	38.9
			Total	0	0.0	34	0.1	6,413	20.4	0	0.0	7,176	22.9	32	0.1	14,462	46.1	45	0.1	3,210	10.2	12	0.0	0	0.0	0	0.0	31,393	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 1998; this year is excluded from the "Grand Total".
[d] 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".
[e] The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums.

Appendix A.8. Mean length (mm) of chinook 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 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1996	6/24-25	M	Mean Length			565		674	600	823		955			
	(6/21-6/26)		Std. Error			50		18	-	27		-			
			Range			505- 664		575- 734	600- 600	742- 860		955- 955			
			Sample Size	0	0	3	0	9	1	4	0	1	0	0	0
		F	Mean Length			518		722		894		849			
			Std. Error			18		25		17		45			
			Range			500- 535		648- 848		812- 963		659- 986			
			Sample Size	0	0	2	0	7	0	10	0	7	0	0	0
	6/28	M	Mean Length					775		908		992			
	(6/27-29)		Std. Error					-		20		7			
			Range					775- 775		805- 970		985- 998			
			Sample Size	0	0	0	0	1	0	8	0	2	0	0	0
		F	Mean Length			620		735		856		859			
			Std. Error			-		27		41		53			
			Range			620- 620		664- 848		805- 938		710- 952			
			Sample Size	0	0	1	0	6	0	3	0	4	0	0	0
	7/2	M	Mean Length					723		843		919			
	(6/30-7/4)		Std. Error					18		47		22			
			Range					684- 766		669- 981		824- 976			
			Sample Size	0	0	0	0	4	0	6	0	6	0	0	0
		F	Mean Length							852		926			
			Std. Error							16		14			
			Range							785- 919		860- 987			
			Sample Size	0	0	0	0	0	0	7	0	9	0	0	0
	7/7,9	M	Mean Length			609		726		845		945			
	(7/5-26)		Std. Error			36		21		21		24			
			Range			520- 775		595- 885		741- 972		812- 1010			
			Sample Size	0	0	8	0	15	0	13	0	8	0	0	0
		F	Mean Length			542		790		844		898			
			Std. Error			-		38		12		16			
			Range			542- 542		669- 879		640- 925		714- 1000			
			Sample Size	0	0	1	0	4	0	24	0	17	0	0	0

Appendix A.8. Mean length (mm) of chinook 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 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length			598		713	600	848		932			
			Range			505- 775		575- 885	600- 600	669- 981		812- 1010			
			Sample Size	0	0	11	0	29	1	31	0	17	0	0	0
		F	Mean Length			539		746		856		902			
			Range			500- 620		664- 879		640- 963		659- 1000			
			Sample Size	0	0	4	0	17	0	44	0	37	0	0	0
1997	6/24,26,27 (6/9-27)	M	Mean Length			608		758		854					
			Std. Error			16		22		17					
			Range			521- 669		669- 820		786- 923					
			Sample Size	0	0	10	0	7	0	9	0	0	0	0	0
		F	Mean Length			566		707		855					
			Std. Error			15		23		9					
			Range			504- 619		660- 761		713- 967					
			Sample Size	0	0	8	0	4	0	26	0	0	0	0	0
	6/28,30 (6/28-7/3)	M	Mean Length			596		735		824					
			Std. Error			21		13		14					
			Range			472- 718		692- 778		725- 895					
			Sample Size	0	0	13	0	7	0	15	0	0	0	0	0
		F	Mean Length			537		693		836					
			Std. Error			13		32		8					
			Range			425- 645		634- 746		700- 923					
			Sample Size	0	0	20	0	3	0	29	0	0	0	0	0
	7/7-11 (7/4-12)	M	Mean Length			566		795		851					
			Std. Error			10		35		19					
			Range			470- 638		760- 830		705- 983					
			Sample Size	0	0	26	0	2	0	15	0	0	0	0	0
		F	Mean Length			500				843					
			Std. Error			-				8					
			Range			500- 500				771- 900					
			Sample Size	0	0	1	0	0	0	25	0	0	0	0	0

Appendix A.8. Mean length (mm) of chinook 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 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/14-18,21,23,27 (7/13-8/22)	M	Mean Length			556		690		865					
			Std. Error			16		53		27					
			Range			457- 680		594- 777		749- 998					
			Sample Size	0	0	18	0	3	0	9	0	0	0	0	0
		F	Mean Length					785		843					
			Std. Error					-		11					
			Range					785- 785		735- 914					
			Sample Size	0	0	0	0	1	0	18	0	0	0	0	0
	Season	M	Mean Length			583		747		843					
			Range			457- 718		594- 830		705- 998					
			Sample Size	0	0	67	0	19	0	48	0	0	0	0	0
		F	Mean Length			545		706		845					
			Range			425- 645		634- 785		700- 967					
			Sample Size	0	0	29	0	8	0	98	0	0	0	0	0
1998[b]	6/30-7/1	M	Mean Length			543		669		794					
			Std. Error			13		13		27					
			Range			420- 641		568- 780		745- 837					
			Sample Size	0	0	18	0	17	0	3	0	0	0	0	0
		F	Mean Length					726		852					
			Std. Error					28		24					
			Range					612- 840		788- 905					
			Sample Size	0	0	0	0	7	0	4	0	0	0	0	0
	7/6	M	Mean Length			539		689		785					
			Std. Error			21		20		-					
			Range			465- 591		581- 832		785- 785					
			Sample Size	0	0	5	0	11	0	1	0	0	0	0	0
		F	Mean Length					730		843					
			Std. Error					21		15					
			Range					690- 760		783- 874					
			Sample Size	0	0	0	0	3	0	6	0	0	0	0	0

Appendix A.8. Mean length (mm) of chinook 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 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1999[c]	7/18-19 (7/15-7/20)	M	Mean Length			497		757		803					
			Std. Error			48		74		24					
			Range			415- 580		640- 895		700- 915					
			Sample Size	0	0	3	0	3	0	12	0	0	0	0	0
		F	Mean Length					844		816					
			Std. Error					23		23					
			Range					805- 905		655- 955					
			Sample Size	0	0	0	0	4	0	10	0	0	0	0	0
	7/24 (7/21-9/12)	M	Mean Length			500		800		915					
			Std. Error			60		-		28					
			Range			440- 560		800- 800		860- 990					
			Sample Size	0	0	2	0	1	0	4	0	0	0	0	0
		F	Mean Length							852					
			Std. Error							8					
			Range							790- 890					
			Sample Size	0	0	0	0	0	0	15	0	0	0	0	0
2000	7/4-5	M	Mean Length			529		731		871					
			Std. Error			23		43		16					
			Range			490-580		650-835		785-965					
			Sample Size	0	0	4	0	5	0	14	0	0	0	0	0
		F	Mean Length					765		846					
			Std. Error					12		13					
			Range					740-785		725-945					
			Sample Size	0	0	0	0	4	0	24	0	0	0	0	0
	7/11,21	M	Mean Length			585		700		845		940			
			Std. Error			85		64		35		-			
			Range			500-670		600-820		770-940		940-940			
			Sample Size	0	0	2	0	3	0	5	0	1	0	0	0
		F	Mean Length			580		807		858					
			Std. Error			-		19		28					
			Range			580-580		770-830		800-980					
			Sample Size	0	0	1	0	3	0	6	0	0	0	0	0

Appendix A.8. Mean length (mm) of chinook 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 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2001	6/30-7/2	M	Mean Length			602		638		788					
	(6/25-7/6)		Std. Error			6		15		72					
			Range			596-608		584-736		684-925					
			Sample Size	0	0	2	0	9	0	3	0	0	0	0	0
		F	Mean Length							792					
			Std. Error							-					
			Range							792-792					
			Sample Size	0	0	0	0	0	0	1	0	0	0	0	0
	7/8-10	M	Mean Length			551		658		870		820			
	(7/7-12)		Std. Error			36		16		29		-			
			Range			515-587		605-687		767-965		820-820			
			Sample Size	0	0	2	0	5	0	6	0	1	0	0	0
		F	Mean Length							806		876			
			Std. Error							21		38			
			Range							734-873		838-914			
			Sample Size	0	0	0	0	0	0	8	0	2	0	0	0
	7/13-14,17-18,25	M	Mean Length			535		765		887		1015			
	(7/13-8/28)		Std. Error			47		-		23		-			
			Range			461-622		765-765		842-960		1015-1015			
			Sample Size	0	0	3	0	1	0	5	0	1	0	0	0
		F	Mean Length			458				845		880			
			Std. Error			-				17		1			
			Range			458-458				767-907		878-881			
			Sample Size	0	0	1	0	0	0	10	0	2	0	0	0
	Season	M	Mean Length			568		648		848		903			
			Range			461-622		584-765		684-965		820-1015			
			Sample Size	0	0	7	0	15	0	14	0	2	0	0	0
		F	Mean Length			458				822		877			
			Range			458-458				734-907		838-914			
			Sample Size	0		1	0	0	0	19	0	4	0	0	0

Appendix A.8. Mean length (mm) of chinook 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 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2002	6/25-30	M	Mean Length			492		663		793					
	(6/15-30)		Std Error			9		14		11					
			Range			402- 580		592- 761		635- 940					
			Sample Size	0	0	27	0	14	0	42	0	0	0	0	0
		F	Mean Length							855		883			
			Std Error							12		19			
			Range							747- 950		816- 928			
			Sample Size	0	0	0	0	0	0	22	0	5	0	0	0
	7/1-3	M	Mean Length			474		708		835		939			
	(7/1-6)		Std Error			4		16		14		31			
			Range			470- 478		668- 880		670- 946		908- 970			
			Sample Size	0	0	2	0	13	0	22	0	2	0	0	0
		F	Mean Length					709		843		898			
			Std Error					67		10		9			
			Range					642- 775		680- 930		866- 925			
			Sample Size	0	0	0	0	2	0	29	0	7	0	0	0
	7/10-14	M	Mean Length			470		696		837		861			
	(7/7-15)		Std Error			20		16		17		30			
			Range			372- 569		613- 761		720- 955		811- 914			
			Sample Size	0	0	8	0	10	0	16	0	3	0	0	0
		F	Mean Length					543		837		895			
			Std Error					-		8		2			
			Range					543- 543		764- 935		893- 897			
			Sample Size	0	0	0	0	1	0	24	0	2	0	0	0
	7/17-21	M	Mean Length			462		696		796		903			
	(7/16-22)		Std Error			30		16		19		-			
			Range			362- 621		588- 787		716- 894		903- 903			
			Sample Size	0	0	7	0	12	0	8	0	1	0	0	0
		F	Mean Length							834		933			
			Std Error							12		16			
			Range							773- 914		896- 973			
			Sample Size	0	0	0	0	0	0	12	0	4	0	0	0

Appendix A.8. Mean length (mm) of chinook 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 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/24-27,30-31, 8/1-2,8 (7/23-9/20)	M	Mean Length			460		693							
			Std Error			-		29							
			Range			460- 460		601- 807							
			Sample Size	0	0	1	0	6	0	0	0	0	0	0	0
		F	Mean Length							848		878			
			Std Error							8		-			
			Range							800- 897		878- 878			
			Sample Size	0	0	0	0	0	0	12	0	1	0	0	0
	Season [a]	M	Mean Length			482		690		812		894			
			Range			362- 621		588- 880		635- 955		811- 970			
			Sample Size	0	0	45	0	55	0	88	0	6	0	0	0
		F	Mean Length					653		844		900			
			Range					543- 775		680- 950		816- 973			
			Sample Size	0	0	0	0	3	0	99	0	19	0	0	0
2003 [c]	7/16,18,20,22	M	Mean Length			604		752		832		994			
			Range			528- 679		701- 820		735- 930		994- 994			
			Sample Size	0	0	2	0	4	0	8	0	1	0	0	0
		F	Mean Length							885		873			
			Range							848- 920		817- 915			
			Sample Size	0	0	0	0	0	0	5	0	3	0	0	0
2004	6/29-7/2 (6/15-7/4)	M	Mean Length		490	613		685		845		780			
			Std. Error		-	7		18		6		-			
			Range		490- 490	535- 685		555- 780		800- 870		780- 780			
			Sample Size	0	1	28	0	13	0	12	0	1	0	0	0
		F	Mean Length			570		737		837					
			Std. Error			-		6		14					
			Range			570- 570		725- 745		785- 905					
			Sample Size	0	0	1	0	3	0	9	0	0	0	0	0

Appendix A.8. Mean length (mm) of chinook 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 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/6-7,9-10	M	Mean Length			571		722		832		835			
	(7/5-12)		Std. Error			15		9		17		-			
			Range			481- 685		685- 775		737- 925		835- 835			
			Sample Size	0	0	15	0	13	0	12	0	1	0	0	0
		F	Mean Length					799		835		950			
			Std. Error					23		6		43			
			Range					763- 841		763- 895		907- 992			
			Sample Size	0	0	0	0	3	0	33	0	2	0	0	0
	7/14-17	M	Mean Length			617		747		871		843			
	(7/13-19)		Std. Error			18		20		12		-			
			Range			540- 694		660- 860		805- 960		843- 843			
			Sample Size	0	0	10	0	13	0	15	0	1	0	0	0
		F	Mean Length			640		846		846		884			
			Std. Error			-		-		8		-			
			Range			640- 640		846- 846		760- 951		884- 884			
			Sample Size	0	0	1	0	1	0	37	0	1	0	0	0
	7/21,23-24,27,	M	Mean Length			579		688		858					
	30,8/1,11,15		Std. Error			15		8		14					
	(7/20-9/24)		Range			545- 610		660- 712		790- 935					
			Sample Size	0	0	4	0	7	0	12	0	0	0	0	0
		F	Mean Length					844		858		865			
			Std. Error					29		13		-			
			Range					815- 872		770- 950		865- 865			
			Sample Size	0	0	0	0	2	0	16	0	1	0	0	0
	Season [a]	M	Mean Length		490	599		707		845		812			
			Range		490- 490	481- 694		555- 860		737- 960		780- 843			
			Sample Size	0	1	57	0	46	0	51	0	3	0	0	0
		F	Mean Length			586		780		840		930			
			Range			570- 640		725- 872		760- 951		865- 992			
			Sample Size	0	0	2	0	9	0	95	0	4	0	0	0

Appendix A.8. Mean length (mm) of chinook 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 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2005	6/24-29 (6/15-30)	M	Mean Length			559		711		806					
			Std. Error			13		7		13					
			Range			420- 625		579- 907		700- 960					
			Sample Size	0	0	19	0	77	0	26	0	0	0	0	0
		F	Mean Length					764		823	829	910			
			Std. Error					11		8	-	-			
			Range					720- 822		767- 884	829- 829	910- 910			
			Sample Size	0	0	0	0	11	0	18	1	1	0	0	0
	7/1-3,6,9-13 (7/1-13)	M	Mean Length			541		708		836	715	828	897		
			Std. Error			10		9		12	715- 715	16	-		
			Range			466- 606		541- 901		697-1015	1	805- 858	897- 897		
			Sample Size	0	0	17	0	48	0	32		3	1	0	0
		F	Mean Length			606		757		844	789	821			
			Std. Error			21		14		8	789- 789	42			
			Range			585- 626		629- 842		735- 980	1	720- 905			
			Sample Size	0	0	2	0	14	0	42		4	0	0	0
	7/15-17,22-23,25, 27,29,31,8/1-2 (7/14-9/20)	M	Mean Length			492		709		859		836			
			Std. Error			26		12		15		43			
			Range			404- 627		572- 883		725- 990		729- 928			
			Sample Size	0	0	8	0	31	0	24	0	5	0	0	0
		F	Mean Length					753		825	786	888			
			Std. Error					10		7	30	50			
			Range					595- 855		725- 970	754- 846	834- 987			
			Sample Size	0	0	0	0	27	0	52	3	3	0	0	0
	Season	M	Mean Length			543		710		831	715	831	897		
			Range			404- 627		541- 907		697-1015	715- 715	729- 928	897- 897		
			Sample Size	0	0	44	0	156	0	82	1	8	1	0	0
		F	Mean Length			606		757		835	797	845			
			Range			585- 626		595- 855		725- 980	715- 846	720- 987			
			Sample Size	0	0	2	0	52	0	112	5	8	0	0	0

Appendix A.8. Mean length (mm) of chinook 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 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2006	6/25-7/6 (6/25-7/7)	M	Mean Length			555		679		851		835			
			Std. Error			12		15		26		65			
			Range			450- 655		590- 875		720- 975		770- 900			
			Sample Size	0	0	17	0	21	0	10	0	2	0	0	0
		F	Mean Length			595		641		871		862			
			Std. Error			-		40		10		51			
			Range			595- 595		495- 715		815- 930		775- 950			
			Sample Size	0	0	1	0	5	0	15	0	3	0	0	0
	7/8-18 (7/8-19)	M	Mean Length			524		688		799		906			
			Std. Error			16		19		38		23			
			Range			415- 647		556- 803		660- 930		872- 949			
			Sample Size	0	0	21	0	14	0	7	0	3	0	0	0
		F	Mean Length					707		810		827			
			Std. Error					-		14		19			
			Range					707- 707		723- 871		745- 914			
			Sample Size	0	0	0	0	1	0	11	0	9	0	0	0
	7/20-8/5 (7/20-9/20)	M	Mean Length		409	535		628		853		689			
			Std. Error		-	24		18		28		69			
			Range		409- 409	413- 632		525- 780		660- 995		620- 758			
			Sample Size	0	1	9	0	13	0	14	0	2	0	0	0
		F	Mean Length							849		802			
			Std. Error							10		20			
			Range							604- 947		737- 850			
			Sample Size	0	0	0	0	0	0	39	0	5	0	0	0
	Season [a]	M	Mean Length		409	540		677		837		853			
			Range		409- 409	413- 655		525- 875		660- 995		620- 949			
			Sample Size	0	1	47	0	48	0	31	0	7	0	0	0
		F	Mean Length			595		649		850		834			
			Range			595- 595		495- 715		604- 947		737- 950			
			Sample Size	0	0	1	0	6	0	65	0	17	0	0	0

Appendix A.8. Mean length (mm) of chinook 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 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Grand Total [d]	M	Mean Length		450	559		699	600	838	715	871	897		
			Range		409- 490	413- 775		525- 885	600- 600	660- 998	715- 715	620- 1010	897- 897		
			Sample Size	0	2	278	0	368	1	345	1	43	1	0	0
		F	Mean Length			555		715		842	797	881			
			Range			425- 645		495- 879		604- 967	715- 846	659- 1000			
			Sample Size	0	0	39	0	95	0	532	5	89	0	0	0

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

[b] The weir washed out in 1998; this year is excluded from the "Grand Total".

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

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

Appendix A.9. Age and sex of chinook salmon at the Salmon River weir based on escapement samples collected with a fish trap. (page 1 of 1)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
2006	7/3-9	81	M	0	0.0	0	0.0	843	40.8	0	0.0	741	35.8	0	0.0	204	9.9	0	0.0	26	1.2	0	0.0	0	0.0	0	0.0	1,814	87.7
	(6/21-7/12)		F	0	0.0	0	0.0	26	1.2	0	0.0	0	0.0	0	0.0	179	8.6	0	0.0	51	2.5	0	0.0	0	0.0	0	0.0	256	12.3
			Subtotal	0	0.0	0	0.0	869	42.0	0	0.0	741	35.8	0	0.0	383	18.5	0	0.0	77	3.7	0	0.0	0	0.0	0	0.0	2,070	100.0
	7/15-18	129	M	0	0.0	0	0.0	834	31.8	0	0.0	631	24.0	0	0.0	366	14.0	0	0.0	61	2.4	0	0.0	0	0.0	0	0.0	1,891	72.1
	(7/13-21)		F	0	0.0	0	0.0	0	0.0	0	0.0	20	0.8	0	0.0	651	24.8	0	0.0	61	2.3	0	0.0	0	0.0	0	0.0	732	27.9
			Subtotal	0	0.0	0	0.0	834	31.8	0	0.0	651	24.8	0	0.0	1,017	38.8	0	0.0	122	4.7	0	0.0	0	0.0	0	0.0	2,623	100.0
	7/24-26	105	M	0	0.0	25	1.9	491	37.1	0	0.0	340	25.7	0	0.0	88	6.7	0	0.0	13	1.0	0	0.0	0	0.0	0	0.0	956	72.4
	(7/22-29)		F	0	0.0	0	0.0	0	0.0	0	0.0	25	1.9	0	0.0	315	23.8	0	0.0	25	1.9	0	0.0	0	0.0	0	0.0	365	27.6
			Subtotal	0	0.0	25	1.9	491	37.1	0	0.0	365	27.6	0	0.0	403	30.5	0	0.0	38	2.9	0	0.0	0	0.0	0	0.0	1,321	100.0
	8/1-2	30	M	0	0.0	0	0.0	239	33.3	0	0.0	239	33.3	0	0.0	48	6.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	527	73.3
	(7/30-8/8)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	191	26.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	191	26.7
			Subtotal	0	0.0	0	0.0	239	33.3	0	0.0	239	33.3	0	0.0	239	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	718	100.0
	Season	345	M	0	0.0	25	0.4	2,407	35.7	0	0.0	1,950	28.9	0	0.0	706	10.5	0	0.0	99	1.5	0	0.0	0	0.0	0	0.0	5,188	77.1
			F	0	0.0	0	0.0	26	0.4	0	0.0	46	0.7	0	0.0	1,336	19.8	0	0.0	137	2.0	0	0.0	0	0.0	0	0.0	1,544	22.9
			Total	0	0.0	25	0.4	2,433	36.1	0	0.0	1,996	29.6	0	0.0	2,042	30.3	0	0.0	236	3.5	0	0.0	0	0.0	0	0.0	6,732	100.0

Appendix A.10. Mean length (mm) of chinook salmon at the Salmon River weir based on escapement samples collected with a fish trap. (page 1 of 2)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2006	7/3-9	M	Mean Length			543		669		776					
	(6/21-7/12)		Std. Error			6		10		27					
			Range			470- 611		564- 831		694- 877					
			Sample Size	0	0	33	0	29	0	7	0	0	0	0	0
		F	Mean Length			513				835		884			
			Std. Error			-				26		31			
			Range			513- 513				696- 905		853- 915			
			Sample Size	0	0	1	0	0	0	7	0	2	0	0	0
	7/15-18	M	Mean Length			546		681		810		740			
	(7/13-21)		Std. Error			7		9		23		3			
			Range			451- 620		575- 785		673- 999		734- 743			
			Sample Size	0	0	41	0	31	0	18	0	3	0	0	0
		F	Mean Length					794		865		831			
			Std. Error					-		8		15			
			Range					794- 794		777- 981		804- 857			
			Sample Size	0	0	0	0	1	0	32	0	3	0	0	0
	7/24-26	M	Mean Length		408	552		695		785		762			
	(7/22-29)		Std. Error		62	6		14		21		-			
			Range		346- 470	473- 618		542- 831		720- 875		762- 762			
			Sample Size	0	2	39	0	26	0	7	0	1	0	0	0
		F	Mean Length					759		837		862			
			Std. Error					14		10		24			
			Range					745- 773		700- 924		838- 886			
			Sample Size	0	0	0	0	2	0	25	0	2	0	0	0
	8/1-2	M	Mean Length			559		701		824					
	(7/30-8/8)		Std. Error			9		26		10					
			Range			517- 610		555- 827		814- 834					
			Sample Size	0	0	10	0	10	0	2	0	0	0	0	0
		F	Mean Length							864					
			Std. Error							11					
			Range							797- 900					
			Sample Size	0	0	0	0	0	0	8	0	0	0	0	0

Appendix A.10. Mean length (mm) of chinook salmon at the Salmon River weir based on escapement samples collected with a fish trap. (page 2 of 2)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		408	547		681		798		552			
			Range		346- 470	451- 620		542- 831		673- 999		734- 762			
			Sample Size	0	2	123	0	96	0	34	0	4	0	0	0
		F	Mean Length			513		775		854		856			
			Range			513- 513		745- 794		696- 981		804- 915			
			Sample Size	0	0	1	0	3	0	72	0	7	0	0	0

Appendix A.11. Age and sex of chinook salmon at the Tuluksak 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 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
1991	6/23-24,26-7/6	91	M	0	0.0	0	0.0	9	8.8	0	0.0	28	26.4	10	9.9	12	11.0	10	9.9	1	1.1	1	1.1	0	0.0	1	1.1	73	69.2
	(6/23-7/6)		F	0	0.0	0	0.0	3	3.3	0	0.0	5	4.4	1	1.1	14	13.2	2	2.2	3	3.3	2	2.2	0	0.0	1	1.1	33	30.8
			Subtotal	0	0.0	0	0.0	13	12.1	0	0.0	33	30.8	12	11.0	26	24.2	13	12.1	5	4.4	3	3.3	0	0.0	2	2.2	106	100.0
	7/7-9	72	M	0	0.0	0	0.0	70	18.1	0	0.0	80	20.8	43	11.1	70	18.1	27	6.9	11	2.8	11	2.8	0	0.0	5	1.4	317	81.9
	(7/7-13)		F	0	0.0	0	0.0	0	0.0	0	0.0	5	1.4	0	0.0	48	12.5	0	0.0	16	4.2	0	0.0	0	0.0	0	0.0	70	18.1
			Subtotal	0	0.0	0	0.0	70	18.1	0	0.0	86	22.2	43	11.1	118	30.6	27	6.9	27	7.0	11	2.8	0	0.0	5	1.4	387	100.0
	7/14-20	127	M	0	0.0	0	0.0	24	17.3	0	0.0	12	8.7	15	11.0	17	12.6	6	4.7	3	2.4	1	0.8	0	0.0	0	0.0	79	57.5
	(7/14-20)		F	0	0.0	0	0.0	0	0.0	0	0.0	4	3.1	0	0.0	37	26.8	1	0.8	13	9.4	2	1.6	0	0.0	1	0.8	58	42.5
			Subtotal	0	0.0	0	0.0	24	17.3	0	0.0	16	11.8	15	11.0	54	39.4	8	5.5	16	11.8	3	2.4	0	0.0	1	0.8	137	100.0
	7/21-29,8/2-3,12	56	M	0	0.0	0	0.0	5	7.1	0	0.0	7	10.7	1	1.8	8	12.5	0	0.0	2	3.6	1	1.8	0	0.0	0	0.0	25	37.5
	(7/21-8/21)		F	0	0.0	0	0.0	0	0.0	0	0.0	4	5.4	0	0.0	25	37.5	1	1.8	7	10.7	2	3.6	2	3.6	0	0.0	42	62.5
			Subtotal	0	0.0	0	0.0	5	7.1	0	0.0	11	16.1	1	1.8	34	50.0	1	1.8	10	14.3	4	5.4	2	3.6	0	0.0	67	100.0
	Season	346	M	0	0.0	0	0.0	108	15.5	0	0.0	128	18.3	70	10.0	107	15.4	44	6.3	18	2.5	14	2.1	0	0.0	7	0.9	494	70.9
			F	0	0.0	0	0.0	3	0.5	0	0.0	18	2.6	1	0.2	124	17.8	5	0.7	40	5.7	7	1.0	2	0.3	2	0.3	203	29.1
			Total	0	0.0	0	0.0	111	16.0	0	0.0	146	20.9	71	10.2	232	33.2	48	6.9	58	8.2	21	3.0	2	0.3	9	1.3	697	100.0
1992	6/26,28-30,7/1-4	132	M	0	0.0	3	2.3	33	22.0	0	0.0	66	43.9	0	0.0	8	5.3	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	112	74.2
	(6/26 - 7/4)		F	0	0.0	0	0.0	7	4.5	0	0.0	7	4.5	0	0.0	22	14.4	0	0.0	3	2.3	0	0.0	0	0.0	0	0.0	39	25.8
			Subtotal	0	0.0	3	2.3	40	26.5	0	0.0	73	48.4	0	0.0	30	19.7	0	0.0	5	3.1	0	0.0	0	0.0	0	0.0	151	100.0
	7/5-9	136	M	0	0.0	33	8.8	189	50.0	0	0.0	113	30.1	0	0.0	3	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	338	89.7
	(7/5-11)		F	0	0.0	0	0.0	0	0.0	0	0.0	8	2.2	0	0.0	22	5.9	0	0.0	8	2.2	0	0.0	0	0.0	0	0.0	39	10.3
			Subtotal	0	0.0	33	8.8	189	50.0	0	0.0	122	32.3	0	0.0	25	6.6	0	0.0	8	2.2	0	0.0	0	0.0	0	0.0	377	100.0
	7/12-16,18	122	M	0	0.0	16	9.0	68	39.3	0	0.0	44	25.4	0	0.0	17	9.8	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	147	84.4
	(7/12-18)		F	0	0.0	0	0.0	1	0.8	0	0.0	3	1.6	0	0.0	21	12.3	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	27	15.6
			Subtotal	0	0.0	16	9.0	70	40.1	0	0.0	47	27.0	0	0.0	38	22.1	0	0.0	3	1.6	0	0.0	0	0.0	0	0.0	174	100.0
	7/19-23	102	M	0	0.0	27	10.8	79	31.4	0	0.0	69	27.5	22	8.8	20	7.8	5	2.0	0	0.0	0	0.0	0	0.0	0	0.0	222	88.2
	(7/19-25)		F	0	0.0	0	0.0	0	0.0	0	0.0	5	2.0	0	0.0	25	9.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	30	11.8
			Subtotal	0	0.0	27	10.8	79	31.4	0	0.0	74	29.5	22	8.8	44	17.6	5	2.0	0	0.0	0	0.0	0	0.0	0	0.0	252	100.0
	7/24,27-29,8/4-6	46	M	0	0.0	13	13.6	31	31.6	0	0.0	22	22.7	2	2.3	9	9.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	77	79.5
	11,14,25		F	0	0.0	0	0.0	0	0.0	0	0.0	4	4.5	0	0.0	15	15.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	20	20.5
	(7/26-8/31)		Subtotal	0	0.0	13	13.6	31	31.6	0	0.0	26	27.2	2	2.3	24	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	97	100.0
	Season	538	M	0	0.0	93	8.8	400	38.0	0	0.0	315	30.0	24	2.3	56	5.3	5	0.5	3	0.2	0	0.0	0	0.0	0	0.0	896	85.3
			F	0	0.0	0	0.0	8	0.8	0	0.0	27	2.6	0	0.0	106	10.0	0	0.0	13	1.3	0	0.0	0	0.0	0	0.0	155	14.7
			Total	0	0.0	93	8.8	408	38.8	0	0.0	343	32.6	24	2.3	162	15.4	5	0.5	16	1.5	0	0.0	0	0.0	0	0.0	1,051	100.0
1993	6/22,25,27-30,	138	M	0	0.0	0	0.0	77	39.4	0	0.0	56	28.5	0	0.0	21	10.9	6	2.9	0	0.0	1	0.7	0	0.0	0	0.0	162	82.5
	7/1,3		F	0	0.0	0	0.0	7	3.6	0	0.0	1	0.7	0	0.0	26	13.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	34	17.5
	(6/17-7/3)		Subtotal	0	0.0	0	0.0	84	43.0	0	0.0	57	29.2	0	0.0	47	24.0	6	2.9	0	0.0	1	0.7	0	0.0	0	0.0	196	100.0

Appendix A.11. Age and sex of chinook salmon at the Tuluksak 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 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	7/5-6	134	M	0	0.0	6	0.7	368	43.3	0	0.0	291	34.3	13	1.5	44	5.2	13	1.5	6	0.7	6	0.7	0	0.0	0	0.0	748	88.1
	(7/4-10)		F	0	0.0	0	0.0	0	0.0	0	0.0	19	2.2	0	0.0	82	9.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	101	11.9
			Subtotal	0	0.0	6	0.7	368	43.3	0	0.0	310	36.5	13	1.5	127	14.9	13	1.5	6	0.7	6	0.7	0	0.0	0	0.0	849	100.0
	7/11-12	134	M	0	0.0	10	1.5	418	62.7	0	0.0	129	19.4	0	0.0	30	4.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	587	88.1
	(7/11-17)		F	0	0.0	0	0.0	5	0.7	0	0.0	15	2.2	0	0.0	50	7.5	0	0.0	10	1.5	0	0.0	0	0.0	0	0.0	79	11.9
			Subtotal	0	0.0	10	1.5	422	63.4	0	0.0	144	21.6	0	0.0	80	12.0	0	0.0	10	1.5	0	0.0	0	0.0	0	0.0	666	100.0
	7/18-22	134	M	0	0.0	10	3.0	183	56.0	0	0.0	71	21.6	0	0.0	15	4.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	278	85.1
	(7/18-24)		F	0	0.0	0	0.0	0	0.0	0	0.0	5	1.5	0	0.0	44	13.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	49	14.9
			Subtotal	0	0.0	10	3.0	183	56.0	0	0.0	76	23.1	0	0.0	59	17.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	327	100.0
	7/25-30,8/1,4,7	79	M	0	0.0	0	0.0	96	53.2	0	0.0	32	17.7	0	0.0	9	5.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	137	75.9
	(7/27-8/18)		F	0	0.0	0	0.0	0	0.0	0	0.0	7	3.8	0	0.0	32	17.7	0	0.0	5	2.5	0	0.0	0	0.0	0	0.0	43	24.1
			Subtotal	0	0.0	0	0.0	96	53.2	0	0.0	39	21.5	0	0.0	41	22.8	0	0.0	5	2.5	0	0.0	0	0.0	0	0.0	180	100.0
	Season	619	M	0	0.0	26	1.2	1,141	51.5	0	0.0	579	26.1	13	0.6	119	5.4	18	0.8	6	0.3	7	0.3	0	0.0	0	0.0	1,911	86.2
			F	0	0.0	0	0.0	12	0.5	0	0.0	46	2.1	0	0.0	234	10.5	0	0.0	14	0.7	0	0.0	0	0.0	0	0.0	307	13.8
			Total	0	0.0	26	1.2	1,153	52.0	0	0.0	625	28.2	13	0.6	353	15.9	18	0.8	20	0.9	7	0.3	0	0.0	0	0.0	2,218	100.0
1994	6/30-7/7	115	M	0	0.0	7	0.9	86	10.4	0	0.0	452	54.8	0	0.0	43	5.2	43	5.2	0	0.0	21	2.6	0	0.0	0	0.0	653	79.1
	(6/29-7/9)		F	0	0.0	0	0.0	43	5.2	0	0.0	50	6.1	0	0.0	64	7.8	0	0.0	7	0.9	7	0.9	0	0.0	0	0.0	172	20.9
			Subtotal	0	0.0	7	0.9	129	15.6	0	0.0	502	60.9	0	0.0	107	13.0	43	5.2	7	0.9	29	3.5	0	0.0	0	0.0	825	100.0
	7/10-12	135	M	0	0.0	0	0.0	206	20.0	7	0.7	503	48.9	15	1.5	92	8.9	38	3.7	0	0.0	15	1.5	0	0.0	0	0.0	877	85.2
	(7/10-16)		F	0	0.0	0	0.0	0	0.0	0	0.0	45	4.4	0	0.0	76	7.4	0	0.0	0	0.0	31	3.0	0	0.0	0	0.0	152	14.8
			Subtotal	0	0.0	0	0.0	206	20.0	7	0.7	548	53.3	15	1.5	168	16.3	38	3.7	0	0.0	46	4.5	0	0.0	0	0.0	1,029	100.0
	7/17-18	135	M	5	0.7	12	1.5	151	19.3	5	0.7	284	36.3	23	3.0	75	9.6	17	2.2	0	0.0	0	0.0	0	0.0	0	0.0	573	73.3
	(7/17-23)		F	0	0.0	0	0.0	12	1.5	0	0.0	87	11.1	0	0.0	99	12.6	0	0.0	5	0.7	5	0.7	0	0.0	0	0.0	209	26.7
			Subtotal	5	0.7	12	1.5	163	20.8	5	0.7	371	47.4	23	3.0	174	22.2	17	2.2	5	0.7	5	0.7	0	0.0	0	0.0	782	100.0
	7/24-26,8/1,8-9	90	M	0	0.0	15	5.6	45	16.7	0	0.0	60	22.2	0	0.0	9	3.3	3	1.1	0	0.0	0	0.0	0	0.0	0	0.0	132	48.9
	(7/24-9/11)		F	0	0.0	0	0.0	3	1.1	0	0.0	57	21.1	0	0.0	63	23.3	6	2.2	3	1.1	6	2.2	0	0.0	0	0.0	137	51.1
			Subtotal	0	0.0	15	5.6	48	17.8	0	0.0	116	43.3	0	0.0	72	26.6	9	3.3	3	1.1	6	2.2	0	0.0	0	0.0	269	100.0
	Season	475	M	5	0.2	34	1.2	487	16.8	13	0.4	1,299	44.7	39	1.3	218	7.5	101	3.5	0	0.0	37	1.3	0	0.0	0	0.0	2,234	76.9
			F	0	0.0	0	0.0	58	2.0	0	0.0	239	8.2	0	0.0	302	10.4	6	0.2	16	0.5	50	1.7	0	0.0	0	0.0	671	23.1
			Total	5	0.2	34	1.2	545	18.8	13	0.4	1,538	52.9	39	1.3	520	17.9	107	3.7	16	0.5	87	3.0	0	0.0	0	0.0	2,905	100.0
2001	7/11-8/15	22	M		0.0		0.0		0.0		0.0		0.0		0.0		13.6		0.0		4.5		0.0		0.0		0.0		79.1
			F		0.0		0.0		4.5		0.0		18.2		0.0		59.1		0.0		0.0		0.0		0.0		0.0		20.9
	Season		Total		0.0		0.0		4.5		0.0		18.2		0.0		72.7		0.0		4.5		0.0		0.0		0.0	777	100.0
2002	6/27-28,7/1-7/5	32	M	0	0.0	17	3.2	130	25.0	0	0.0	49	9.4	0	0.0	49	9.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	245	46.9
	(6/10-7/6)		F	0	0.0	16	3.1	196	37.5	0	0.0	33	6.2	0	0.0	49	9.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	277	53.1
			Subtotal	0	0.0	33	6.3	326	62.5	0	0.0	82	15.6	0	0.0	98	18.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	522	100.0

Appendix A.11. Age and sex of chinook salmon at the Tuluksak 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 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
	7/8-11	47	M	0	0.0	0	0.0	69	17.0	0	0.0	197	48.9	0	0.0	69	17.0	0	0.0	9	2.1	0	0.0	0	0.0	0	0.0	343	85.1
	(7/7-13)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	60	14.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	60	14.9
			Subtotal	0	0.0	0	0.0	69	17.0	0	0.0	197	48.9	0	0.0	129	31.9	0	0.0	9	2.1	0	0.0	0	0.0	0	0.0	403	100.0
	7/15-19	66	M	0	0.0	0	0.0	77	33.3	0	0.0	59	25.8	0	0.0	21	9.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	157	68.2
	(7/14-20)		F	0	0.0	0	0.0	0	0.0	0	0.0	7	3.0	0	0.0	56	24.2	0	0.0	10	4.5	0	0.0	0	0.0	0	0.0	73	31.8
			Subtotal	0	0.0	0	0.0	77	33.3	0	0.0	66	28.8	0	0.0	77	33.3	0	0.0	10	4.5	0	0.0	0	0.0	0	0.0	230	100.0
	7/22-24,26,29-31,	43	M	0	0.0	0	0.0	36	18.6	0	0.0	49	25.6	0	0.0	9	4.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	93	48.8
	8/1,6-7		F	0	0.0	0	0.0	4	2.3	0	0.0	22	11.6	0	0.0	58	30.2	0	0.0	13	7.0	0	0.0	0	0.0	0	0.0	98	51.2
	(7/21-9/10)		Subtotal	0	0.0	0	0.0	40	20.9	0	0.0	71	37.2	0	0.0	67	34.9	0	0.0	13	7.0	0	0.0	0	0.0	0	0.0	191	100.0
	Season	188	M	0	0.0	17	1.2	311	23.1	0	0.0	354	26.3	0	0.0	147	11.0	0	0.0	8	0.6	0	0.0	0	0.0	0	0.0	838	62.2
			F	0	0.0	16	1.2	200	14.9	0	0.0	62	4.6	0	0.0	223	16.5	0	0.0	24	1.8	0	0.0	0	0.0	0	0.0	508	37.8
			Total	0	0.0	33	2.4	511	38.0	0	0.0	416	30.9	0	0.0	370	27.5	0	0.0	32	2.4	0	0.0	0	0.0	0	0.0	1,346	100.0
2003	6/22,7/1-8	73	M	0	0.0	0	0.0	287	49.3	0	0.0	199	34.2	0	0.0	8	1.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	493	84.9
	(6/16-7/8)		F	0	0.0	0	0.0	0	0.0	0	0.0	32	5.5	0	0.0	48	8.2	0	0.0	8	1.4	0	0.0	0	0.0	0	0.0	88	15.1
			Subtotal	0	0.0	0	0.0	287	49.3	0	0.0	231	39.7	0	0.0	56	9.6	0	0.0	8	1.4	0	0.0	0	0.0	0	0.0	581	100.0
	7/9-19	83	M	0	0.0	2	1.2	28	16.9	0	0.0	56	33.7	0	0.0	8	4.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	94	56.6
	(7/9-19)		F	0	0.0	0	0.0	0	0.0	0	0.0	26	15.7	0	0.0	32	19.3	0	0.0	14	8.4	0	0.0	0	0.0	0	0.0	72	43.4
			Subtotal	0	0.0	2	1.2	28	16.9	0	0.0	82	49.4	0	0.0	40	24.1	0	0.0	14	8.4	0	0.0	0	0.0	0	0.0	166	100.0
	7/20-21,23-30,	69	M	0	0.0	0	0.0	41	13.0	0	0.0	87	27.5	0	0.0	23	7.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	152	47.8
	8/1,3-5,10		F	0	0.0	0	0.0	0	0.0	0	0.0	23	7.3	0	0.0	119	37.7	0	0.0	23	7.2	0	0.0	0	0.0	0	0.0	165	52.2
	(7/20-9/14)		Subtotal	0	0.0	0	0.0	41	13.0	0	0.0	110	34.8	0	0.0	142	44.9	0	0.0	23	7.2	0	0.0	0	0.0	0	0.0	317	100.0
		225	M	0	0.0	2	0.2	356	33.4	0	0.0	342	32.2	0	0.0	39	3.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	739	69.5
	Season		F	0	0.0	0	0.0	0	0.0	0	0.0	81	7.6	0	0.0	199	18.7	0	0.0	45	4.2	0	0.0	0	0.0	0	0.0	325	30.5
			Total	0	0.0	2	0.2	356	33.4	0	0.0	423	39.8	0	0.0	238	22.4	0	0.0	45	4.2	0	0.0	0	0.0	0	0.0	1,064	100.0
2004	6/28-7/1	78	M	0	0.0	5	1.3	95	26.9	0	0.0	117	33.3	0	0.0	9	2.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	226	64.1
	(6/20-7/3)		F	0	0.0	0	0.0	18	5.2	0	0.0	50	14.1	0	0.0	50	14.1	0	0.0	9	2.6	0	0.0	0	0.0	0	0.0	126	35.9
			Subtotal	0	0.0	5	1.3	113	32.1	0	0.0	167	47.4	0	0.0	59	16.7	0	0.0	9	2.6	0	0.0	0	0.0	0	0.0	352	100.0
	7/4-7/10	84	M	0	0.0	0	0.0	130	26.2	0	0.0	171	34.5	0	0.0	59	11.9	0	0.0	6	1.2	0	0.0	0	0.0	0	0.0	367	73.8
	(7/4-10)		F	0	0.0	0	0.0	6	1.2	0	0.0	18	3.6	0	0.0	107	21.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	130	26.2
			Subtotal	0	0.0	0	0.0	136	27.4	0	0.0	189	38.1	0	0.0	166	33.3	0	0.0	6	1.2	0	0.0	0	0.0	0	0.0	497	100.0
	7/12-8/10	93	M	0	0.0	7	1.1	101	16.1	0	0.0	222	35.5	0	0.0	27	4.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	357	57.0
	(7/11-9/10)		F	0	0.0	0	0.0	13	2.2	0	0.0	47	7.5	0	0.0	209	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	269	43.0
			Subtotal	0	0.0	7	1.1	114	18.3	0	0.0	269	43.0	0	0.0	236	37.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	626	100.0
	Season	255	M	0	0.0	11	0.8	326	22.1	0	0.0	511	34.6	0	0.0	95	6.5	0	0.0	6	0.4	0	0.0	0	0.0	0	0.0	949	64.4
			F	0	0.0	0	0.0	37	2.5	0	0.0	115	7.8	0	0.0	365	24.7	0	0.0	9	0.6	0	0.0	0	0.0	0	0.0	526	35.6
			Total	0	0.0	11	0.8	363	24.6	0	0.0	626	42.4	0	0.0	460	31.2	0	0.0	15	1.0	0	0.0	0	0.0	0	0.0	1,475	100.0

Appendix A.11. Age and sex of chinook salmon at the Tuluksak 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 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
2005	6/27-7/2	54	M	0	0.0	0	0.0	46	38.9	0	0.0	15	13.0	0	0.0	4	3.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	66	55.6
	(6/24-7/2)		F	0	0.0	0	0.0	37	31.5	0	0.0	9	7.4	0	0.0	7	5.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	52	44.4
			Subtotal	0	0.0	0	0.0	83	70.4	0	0.0	24	20.4	0	0.0	11	9.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	118	100.0
	7/4-9	191	M	0	0.0	0	0.0	478	32.4	0	0.0	308	20.9	0	0.0	185	12.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	972	66.0
	(7/3-10)		F	0	0.0	0	0.0	62	4.2	0	0.0	116	7.9	0	0.0	324	22.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	502	34.0
			Subtotal	0	0.0	0	0.0	540	36.6	0	0.0	424	28.8	0	0.0	509	34.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,474	100.0
	7/11-16	86	M	0	0.0	0	0.0	49	14.0	0	0.0	77	22.1	0	0.0	41	11.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	167	47.7
	(7/11-16)		F	0	0.0	0	0.0	8	2.3	0	0.0	45	12.8	0	0.0	126	36.1	0	0.0	4	1.2	0	0.0	0	0.0	0	0.0	183	52.3
			Subtotal	0	0.0	0	0.0	57	16.3	0	0.0	122	34.9	0	0.0	167	47.7	0	0.0	4	1.2	0	0.0	0	0.0	0	0.0	350	100.0
	7/19-8/9	107	M	0	0.0	0	0.0	153	21.5	0	0.0	153	21.5	0	0.0	53	7.5	0	0.0	7	1.0	0	0.0	0	0.0	0	0.0	365	51.4
	(7/17-9/9)		F	0	0.0	0	0.0	6	0.9	0	0.0	159	22.4	0	0.0	173	24.3	0	0.0	6	0.9	0	0.0	0	0.0	0	0.0	346	48.6
			Subtotal	0	0.0	0	0.0	159	22.4	0	0.0	312	43.9	0	0.0	226	31.8	0	0.0	13	1.9	0	0.0	0	0.0	0	0.0	711	100.0
	Season	438	M	0	0.0	0	0.0	726	27.4	0	0.0	554	20.9	0	0.0	283	10.7	0	0.0	6	0.3	0	0.0	0	0.0	0	0.0	1,570	59.2
			F	0	0.0	0	0.0	114	4.3	0	0.0	329	12.4	0	0.0	630	23.7	0	0.0	11	0.4	0	0.0	0	0.0	0	0.0	1,083	40.8
			Total	0	0.0	0	0.0	840	31.7	0	0.0	883	33.3	0	0.0	913	34.4	0	0.0	17	0.7	0	0.0	0	0.0	0	0.0	2,653	100.0
2006	7/4-5	28	M	0	0.0	0	0.0	120	60.7	0	0.0	28	14.3	0	0.0	14	7.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	162	82.1
	(6/24-7/7)		F	0	0.0	0	0.0	0	0.0	0	0.0	14	7.1	0	0.0	21	10.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	35	17.9
			Subtotal	0	0.0	0	0.0	120	60.7	0	0.0	42	21.4	0	0.0	35	17.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	197	100.0
	7/9-11,13-14	32	M	0	0.0	0	0.0	61	31.3	0	0.0	79	40.6	0	0.0	19	9.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	158	81.3
	(7/8-15)		F	0	0.0	0	0.0	0	0.0	0	0.0	12	6.3	0	0.0	18	9.4	0	0.0	6	3.1	0	0.0	0	0.0	0	0.0	37	18.7
			Subtotal	0	0.0	0	0.0	61	31.3	0	0.0	91	46.9	0	0.0	37	18.8	0	0.0	6	3.1	0	0.0	0	0.0	0	0.0	195	100.0
	7/16-20	42	M	0	0.0	0	0.0	92	26.2	0	0.0	109	30.9	0	0.0	42	11.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	244	69.0
	(7/16-22)		F	0	0.0	0	0.0	0	0.0	0	0.0	17	4.8	0	0.0	92	26.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	109	31.0
			Subtotal	0	0.0	0	0.0	92	26.2	0	0.0	126	35.7	0	0.0	134	38.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	353	100.0
	7/24-8/9	47	M	0	0.0	0	0.0	102	34.1	0	0.0	57	19.2	0	0.0	25	8.5	0	0.0	6	2.1	0	0.0	0	0.0	0	0.0	191	63.8
	(7/23-9/10)		F	0	0.0	0	0.0	6	2.1	0	0.0	26	8.5	0	0.0	64	21.3	0	0.0	13	4.3	0	0.0	0	0.0	0	0.0	108	36.2
			Subtotal	0	0.0	0	0.0	108	36.2	0	0.0	83	27.7	0	0.0	89	29.8	0	0.0	19	6.4	0	0.0	0	0.0	0	0.0	299	100.0
	Season	149	M	0	0.0	0	0.0	375	35.9	0	0.0	274	26.2	0	0.0	100	9.6	0	0.0	6	0.6	0	0.0	0	0.0	0	0.0	755	72.3
			F	0	0.0	0	0.0	6	0.6	0	0.0	68	6.6	0	0.0	195	18.7	0	0.0	19	1.8	0	0.0	0	0.0	0	0.0	289	27.7
			Total	0	0.0	0	0.0	381	36.5	0	0.0	342	32.8	0	0.0	295	28.3	0	0.0	25	2.4	0	0.0	0	0.0	0	0.0	1,044	100.0
	Grand	3,233	M	5	0.0	183	1.3	4,230	29.3	13	0.0	4,355	30.1	146	1.0	1,165	8.1	168	1.2	52	0.4	59	0.4	0	0.0	7	0.0	10,387	71.9
	Total [c]		F	0	0.0	16	0.1	438	3.0	0	0.0	986	6.8	1	0.0	2,377	16.4	11	0.1	191	1.3	57	0.4	2	0.0	2	0.0	4,066	28.1
			Total	5	0.0	199	1.4	4,668	32.3	13	0.0	5,341	37.0	147	1.0	3,542	24.5	179	1.2	244	1.7	115	0.8	2	0.0	9	0.1	14,453	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.Years excluded are 1987, 1989, and 1992 - 1994.

Appendix A.12. Mean length (mm) of chinook salmon at the Tuluksak River weir based on escapement samples collected with a fish trap. [a] (page 1 of 10)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1991	6/23-24,26-7/6 (6/23-7/6)	M	Mean Length			479		642	524	766	583	890	580		705
			Std. Error			22		22	17	29	30	-	-		-
			Range			370- 550		475- 795	450- 590	650- 940	475- 730	890- 890	580- 580		705- 705
			Sample Size	0	0	8	0	24	9	10	9	1	1	0	1
		F	Mean Length			517		761	545	861	813	883	900		910
			Std. Error			18		20	-	17	8	17	60		-
			Range			490- 550		715- 810	545- 545	720- 940	805- 820	855- 915	840- 960		910- 910
			Sample Size	0	0	3	0	4	1	12	2	3	2	0	1
	7/7-9 (7/7-13)	M	Mean Length			503		611	535	771	578	793	833		820
			Std. Error			15		34	13	32	62	73	23		-
			Range			410- 585		420- 785	495- 590	600- 935	440- 735	720- 865	810- 855		820- 820
			Sample Size	0	0	13	0	15	8	13	5	2	2	0	1
		F	Mean Length					800		876		870			
			Std. Error					-		15		55			
			Range					800- 800		815- 940		775- 965			
			Sample Size	0	0	0	0	1	0	9	0	3	0	0	0
	7/14-20 (7/14-20)	M	Mean Length			541		645	526	829	682	1033	790		
			Std. Error			11		39	14	28	46	12	0		
			Range			440- 625		435- 850	420- 605	650- 995	525- 815	1015- 1055	790- 790		
			Sample Size	0	0	22	0	11	14	16	6	3	1	0	0
		F	Mean Length					810		865	845	883	900		910
			Std. Error					3		9	-	16	20		-
			Range					805- 815		760- 965	845- 845	795- 970	880- 920		910- 910
			Sample Size	0	0	0	0	4	0	34	1	12	2	0	1
	7/21-29,8/2-3,12 (7/21-8/21)	M	Mean Length			485		720	630	791		898	885		
			Std. Error			21		25	-	21		28	-		
			Range			450- 545		630- 790	630- 630	710- 845		870- 925	885- 885		
			Sample Size	0	0	4	0	6	1	7	0	2	1	0	0
		F	Mean Length					802		876	755	909	860	905	
			Std. Error					16		14	-	21	20	30	
			Range					770- 825		755- 1000	755- 755	850- 870	840- 880	875- 935	
			Sample Size	0	0	0	0	3	0	21	1	6	2	2	0
	Season	M	Mean Length			508		627	533	781	594	858	813		800
			Range			370 - 625		420- 850	420- 630	600- 995	440- 815	720- 1055	580- 885		705- 820
			Sample Size	0	0	47	0	56	32	46	20	8	5	0	2
		F	Mean Length			517		793	545	871	805	882	886	905	910
			Range			490- 550		715- 825	545- 545	720- 1000	755- 845	775- 970	840- 960	875- 935	910- 910
			Sample Size	0	0	3	0	12	1	76	4	24	6	2	2

Appendix A.12. Mean length (mm) of chinook salmon at the Tuluksak River weir based on escapement samples collected with a fish trap. [a] (page 2 of 10)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1992	6/26,28-30,7/1-4 (6/26 - 7/4)	M	Mean Length		396	558		687		776		990			
			Std. Error		7	11		7		40		-			
			Range		385- 410	420- 750		579- 829		667- 920		990- 990			
			Sample Size	0	3	29	0	58	0	7	0	1	0	0	0
		F	Mean Length			550		669		887		956			
			Std. Error			14		10		11		12			
			Range			489- 587		657- 724		800- 990		938- 978			
			Sample Size	0	0	6	0	6	0	19	0	3	0	0	0
	7/5-9 (7/5-11)	M	Mean Length		391	544		660		853					
			Std. Error		8	7		8		-					
			Range		349- 446	400- 685		547- 762		853- 853					
			Sample Size	0	12	68	0	41	0	1	0	0	0	0	0
		F	Mean Length					807		826		923			
			Std. Error					9		31		32			
			Range					791- 821		621- 895		864- 792			
			Sample Size	0	0	0	0	3	0	8	0	3	0	0	0
	7/12-16,18 (7/12-18)	M	Mean Length		401	535		685		864		802			
			Std. Error		6	9		10		28		-			
			Range		374- 429	372- 663		492- 766		749- 995		802- 802			
			Sample Size	0	11	48	0	31	0	12	0	1	0	0	0
		F	Mean Length			519		793		870		912			
			Std. Error			0		16		9		0			
			Range			519- 519		777- 808		793- 942		912- 912			
			Sample Size	0	0	1	0	2	0	15	0	1	0	0	0
	7/19-23 (7/19-25)	M	Mean Length		402	530		698	507	824	638				
			Std. Error		5	14		17	22	40	53				
			Range		370- 425	400- 775		520- 905	400- 600	610- 960	585- 690				
			Sample Size	0	11	32	0	28	9	8	2	0	0	0	0
		F	Mean Length					798		888					
			Std. Error					8		15					
			Range					790- 805		810- 955					
			Sample Size	0	0	0	0	2	0	10	0	0	0	0	0
	7/24,27-29,8/4-6, 11,14,25 (7/26-8/31)	M	Mean Length		382	503		690	630	893					
			Std. Error		11	16		24	-	72					
			Range		355- 425	410- 610		550- 805	630- 630	705- 1055					
			Sample Size	0	6	14	0	10	1	4	0	0	0	0	0
		F	Mean Length					845		894					
			Std. Error					30		16					
			Range					815- 875		845- 960					
			Sample Size	0	0	0	0	2	0	7	0	0	0	0	0

Appendix A.12. Mean length (mm) of chinook salmon at the Tuluksak River weir based on escapement samples collected with a fish trap. [a] (page 3 of 10)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		395	538		680	518	842	638	889			
			Range		349- 466	372- 775		492- 905	400- 630	610- 1055	585- 690	802- 990			
			Sample Size	0	43	191	0	168	10	32	2	2	0	0	0
		F	Mean Length			545		775		872		930			
			Range			489- 587		657- 875		621- 990		864- 978			
			Sample Size	0	0	7	0	15	0	59	0	7	0	0	0
1993	6/22,25,27-30, 7/1,3 (6/17-7/3)	M	Mean Length			537		683		779	666		620		
			Std. Error			8		12		13	17		-		
			Range			415- 690		565-895		730-920	640- 715		620- 620		
			Sample Size	0	0	54	0	39	0	15	4	0	1	0	0
		F	Mean Length			554		795		883					
			Std. Error			5		-		12					
			Range			540- 565		795- 795		785- 970					
			Sample Size	0	0	5	0	1	0	18	0	0	0	0	0
	7/5-6 (7/4-10)	M	Mean Length		415	540		677	585	762	755	725	795		
			Std. Error		-	6		12	30	36	30	-	-		
			Range		415- 415	425- 635		500- 845	555- 615	665- 915	725- 785	725- 725	795- 795		
			Sample Size	0	1	58	0	46	2	7	2	1	1	0	0
		F	Mean Length					825		856					
			Std. Error					21		12					
			Range					795- 865		775- 930					
			Sample Size	0	0	0	0	3	0	13	0	0	0	0	0
	7/11-12 (7/11-17)	M	Mean Length		398	528		680		873					
			Std. Error		3	6		12		36					
			Range		395- 400	395- 660		490- 795		745- 970					
			Sample Size	0	2	84	0	26	0	6	0	0	0	0	0
		F	Mean Length			475		800		862		895			
			Std. Error			-		16		18		80			
			Range			475- 475		775- 830		730- 940		815- 975			
			Sample Size	0	0	1	0	3	0	10	0	2	0	0	0
	7/18-22 (7/18-24)	M	Mean Length		378	542		649		811					
			Std. Error		20	8		17		43					
			Range		330- 410	335- 660		405- 760		695- 945					
			Sample Size	0	4	75	0	29	0	6	0	0	0	0	0
		F	Mean Length					825		869					
			Std. Error					35		8					
			Range					790- 860		805- 930					
			Sample Size	0	0	0	0	2	0	18	0	0	0	0	0

Appendix A.12. Mean length (mm) of chinook salmon at the Tuluksak River weir based on escapement samples collected with a fish trap. [a] (page 4 of 10)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/25-30,8/1,4,7	M	Mean Length			542		692		914					
	(7/27-8/18)		Std. Error			10		28		30					
			Range			405- 640		465- 840		835- 960					
			Sample Size	0	0	42	0	14	0	4	0	0	0	0	0
		F	Mean Length					805		877		935			
			Std. Error					12		19		25			
			Range					785- 825		735- 1010		910- 960			
			Sample Size	0	0	0	0	3	0	14	0	2	0	0	0
	Season	M	Mean Length		394	536		675	585	811	728	725	762		
			Range		330- 415	335- 690		405- 895	555- 615	665- 970	640- 785	725- 795	620- 975		
			Sample Size	0	7	313	0	154	2	38	6	1	2	0	0
		F	Mean Length			523		813		866		907			
			Range			475- 565		775- 865		730- 1010		815- 975			
			Sample Size	0	0	6	0	12	0	73	0	4	0	0	0
1994	6/30-7/7	M	Mean Length		535	573		705		818	649		767		
	(6/29-7/9)		Std. Error		-	14		9		62	15		47		
			Range		535- 535	515- 670		545- 1010		605- 1015	600- 685		705- 860		
			Sample Size	0	1	12	0	63	0	6	6	0	3	0	0
		F	Mean Length			555		708		840		770	905		
			Std. Error			21		30		24		-	-		
			Range			475- 630		605- 810		740- 995		770- 770	905- 905		
			Sample Size	0	0	6	0	7	0	9	0	1	1	0	0
	7/10-12	M	Mean Length			562	460	699	570	859	766		885		
	(7/10-16)		Std. Error			11	-	8	55	24	29		35		
			Range			480- 725	460- 460	565- 865	515- 625	735- 1045	696- 870		850- 920		
			Sample Size	0	0	27	1	66	2	12	5	0	2	0	0
		F	Mean Length					783		877			825		
			Std. Error					21		17			19		
			Range					685- 835		800-945			795- 880		
			Sample Size	0	0	0	0	6	0	10	0	0	4	0	0
	7/17-18	M	Mean Length	535	403	584	480	705	576	790	725				
	(7/17-23)		Std. Error	-	48	24	-	13	27	28	44				
			Range	535- 535	355- 450	445- 920	480- 480	515- 870	515- 646	560- 995	640- 790				
			Sample Size	1	2	26	1	49	4	13	3	0	0	0	0
		F	Mean Length			543		794		854		940	850		
			Std. Error			8		8		15		-	-		
			Range			535- 550	0-0	745- 865		745- 950		940- 940	850- 850		
			Sample Size	0	0	2	0	15	0	17	0	1	1	0	0

Appendix A.12. Mean length (mm) of chinook salmon at the Tuluksak River weir based on escapement samples collected with a fish trap. [a] (page 5 of 10)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/24-26,8/1,8-9	M	Mean Length		374	535		739		832	845				
	(7/24-9/11)		Std. Error		17	27		21		62	-				
			Range		340- 430	440- 830		495- 835		770- 955	845- 845				
			Sample Size	0	5	15	0	20	0	3	1	0	0	0	0
		F	Mean Length			785		808		872	820	910	828		
			Std. Error			-		13		11	15	-	23		
			Range			785- 785		615- 900		775 -940	805- 835	910- 910	805- 850		
			Sample Size	0	0	1	0	19	0	21	2	1	2	0	0
	Season	M	Mean Length	535	419	568	469	704	574	826	712		816		
			Range	535- 535	340- 535	440- 920	460- 480	495- 1010	515- 645	560- 1045	600- 870		705- 920		
			Sample Size	1	8	80	2	198	6	34	15	0	5	0	0
		F	Mean Length			564		777		860	820	855	840		
			Range			475- 785		605- 900		740- 995	805- 835	770- 940	795- 905		
			Sample Size	0	0	9	0	47	0	57	2	3	8	0	0
2001	7/11-8/15	M	Mean Length							863		850			
			Range							830-890		850-850			
			Sample Size	0	0	0	0	0	0	3	0	1	0	0	0
		F	Mean Length			560		711		802					
			Range			560-560		650-780		530-900					
			Sample Size	0	0	1	0	4	0	13	0	0	0	0	0
2002	6/27-28,7/1-5	M	Mean Length		385	539		685		753					
	(6/10-7/6)		Std Error		-	13		38		81					
			Range		385- 385	485- 590		635- 760		655- 915					
			Sample Size	0	1	8	0	3	0	3	0	0	0	0	0
		F	Mean Length		485	526		698	585	858					
			Std Error		-	13		58	-	14					
			Range		485- 485	445- 595		640- 755	585- 585	830- 875					
			Sample Size	0	1	12	0	2	1	3	0	0	0	0	0
	7/8-11	M	Mean Length			546		668		796		915			
	(7/7-13)		Std Error			13		10		25		-			
			Range			490- 615		550- 770		665- 895		915- 915			
			Sample Size	0	0	8	0	23	0	8	0	1	0	0	0
		F	Mean Length							859					
			Std Error							12					
			Range							815- 910					
			Sample Size	0	0	0	0	0	0	7	0	0	0	0	0

Appendix A.12. Mean length (mm) of chinook salmon at the Tuluksak River weir based on escapement samples collected with a fish trap. [a] (page 6 of 10)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/15-19	M	Mean Length			547		664		830					
	(7/14-20)		Std Error			7		12		29					
			Range			470- 590		580- 740		770- 970					
			Sample Size	0	0	22	0	17	0	6	0	0	0	0	0
		F	Mean Length					805		847		913			
			Std Error					45		15		38			
			Range					760- 850		720- 940		840- 970			
			Sample Size	0	0	0	0	2	0	16	0	3	0	0	0
	7/22-24,26,29-31,	M	Mean Length			524		649		790					
	8/1,6-7		Std Error			15		19		20					
	(7/21-9/10)		Range			470- 610		550- 750		770- 810					
			Sample Size	0	0	8	0	11	0	2	0	0	0	0	0
		F	Mean Length			560		702		836		873			
			Std Error			-		36		14		18			
			Range			560- 560		600- 780		750- 930		840- 900			
			Sample Size	0	0	1	0	5	0	13	0	3	0	0	0
	Season [a]	M	Mean Length		385	541		667		786		915			
			Range		385- 385	470- 615		550- 770		655- 970		915- 915			
			Sample Size	0	1	46	0	54	0	19	0	1	0	0	0
		F	Mean Length		485	527		711	585	850		891			
			Range		485- 485	445- 595		600- 850	585- 585	720- 940		840- 970			
			Sample Size	0	1	13	0	9	1	39	0	6	0	0	0
2003	6/22,7/1-8	M	Mean Length			536		665		710					
	(6/16-7/8)		Std. Error			8		20		-					
			Range			445- 680		490- 825		710- 710					
			Sample Size	0	0	36	0	25	0	1	0	0	0	0	0
		F	Mean Length					759		862		930			
			Std. Error					33		33		-			
			Range					695- 820		780-1010		930- 930			
			Sample Size	0	0	0	0	4	0	6	0	1	0	0	0
	7/9-19	M	Mean Length		505	525		680		779					
	(7/9-19)		Std. Error		-	4		11		29					
			Range		505- 505	495- 545		555- 800		710- 850					
			Sample Size	0	1	14	0	28	0	4	0	0	0	0	0
		F	Mean Length					759		849		929			
			Std. Error					19		15		24			
			Range					620- 870		710- 940		820- 990			
			Sample Size	0	0	0	0	13	0	16	0	7	0	0	0

Appendix A.12. Mean length (mm) of chinook salmon at the Tuluksak River weir based on escapement samples collected with a fish trap. [a] (page 7 of 10)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/20-21,23-30, 8/1,3-5,10 (7/20-9/14)	M	Mean Length			542		727		838					
			Std. Error			11		19		37					
			Range			495- 595		565- 890		745- 930					
			Sample Size	0	0	9	0	19	0	5	0	0	0	0	0
		F	Mean Length					799		873		889			
			Std. Error					20		8		13			
			Range					745- 845		775- 990		865- 940			
			Sample Size	0	0	0	0	5	0	26	0	5	0	0	0
	Season [a]	M	Mean Length		505	536		683		800					
			Range		505- 505	445- 680		490- 890		710- 930					
			Sample Size	0	1	59	0	72	0	10	0	0	0	0	0
		F	Mean Length					770		866		909			
			Range					620- 870		710-1010		820- 990			
			Sample Size	0	0	0	0	22	0	48	0	13	0	0	0
2004	6/28-7/1 (6/20-7/3)	M	Mean Length		355	586		693		693					
			Std. Error		-	7		9		18					
			Range		355- 355	535- 655		590- 770		675- 710					
			Sample Size	0	1	21	0	26	0	2	0	0	0	0	0
		F	Mean Length			591		750		853		875			
			Std. Error			17		13		17		10			
			Range			550- 630		690- 820		745- 920		865- 885			
			Sample Size	0	0	4	0	11	0	11	0	2	0	0	0
	7/4-7/10 (7/4-10)	M	Mean Length			593		720		803		1160			
			Std. Error			9		15		20		-			
			Range			510- 690		555- 945		730- 960		1160-1160			
			Sample Size	0	0	22	0	29	0	10	0	1	0	0	0
		F	Mean Length			570		802		861					
			Std. Error			-		8		15					
			Range			570- 570		785- 810		750-1000					
			Sample Size	0	0	1	0	3	0	18	0	0	0	0	0
	7/12-8/10 (7/11-9/10)	M	Mean Length		395	608		703		886					
			Std. Error		-	20		9		80					
			Range		395- 395	400- 685		620- 820		715-1100					
			Sample Size	0	1	15	0	33	0	4	0	0	0	0	0
		F	Mean Length			610		799		876					
			Std. Error			10		30		9					
			Range			600- 620		710- 960		790-1010					
			Sample Size	0	0	2	0	7	0	31	0	0	0	0	0

Appendix A.12. Mean length (mm) of chinook salmon at the Tuluksak River weir based on escapement samples collected with a fish trap. [a] (page 8 of 10)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		379	596		706		816		1160			
			Range		355- 395	400- 690		555- 945		675-1100		1160-1160			
			Sample Size	0	2	58	0	88	0	16	0	1	0	0	0
		F	Mean Length			595		778		869		875			
			Range			550- 630		690- 960		745-1010		865- 885			
			Sample Size	0	0	7	0	21	0	60	0	2	0	0	0
2005	6/27-7/2	M	Mean Length			545		699		770					
	(6/24-7/2)		Std. Error			11		18		60					
			Range			450- 620		615- 770		710- 830					
			Sample Size	0	0	21	0	7	0	2	0	0	0	0	0
		F	Mean Length			565		676		780					
			Std. Error			13		11		38					
			Range			450- 695		660- 705		705- 820					
			Sample Size	0	0	17	0	4	0	3	0	0	0	0	0
	7/4-9	M	Mean Length			546		676		800					
	(7/3-10)		Std. Error			7		10		18					
			Range			400- 685		515- 820		640-1020					
			Sample Size	0	0	62	0	40	0	24	0	0	0	0	0
		F	Mean Length			582		763		848					
			Std. Error			17		21		7					
			Range			515- 660		555- 860		770- 970					
			Sample Size	0	0	8	0	15	0	42	0	0	0	0	0
	7/11-16	M	Mean Length			575		685		791					
	(7/11-16)		Std. Error			14		13		14					
			Range			490- 680		560- 755		710- 880					
			Sample Size	0	0	12	0	19	0	10	0	0	0	0	0
		F	Mean Length			573		757		819		870			
			Std. Error			3		11		12		-			
			Range			570- 575		670- 790		640- 960		870- 870			
			Sample Size	0	0	2	0	11	0	31	0	1	0	0	0
	7/19-8/9	M	Mean Length			568		687		728		820			
	(7/17-9/9)		Std. Error			11		12		18		-			
			Range			450- 660		500- 755		660- 820		820- 820			
			Sample Size	0	0	23	0	23	0	8	0	1	0	0	0
		F	Mean Length			550		751		823		790			
			Std. Error			-		10		10		-			
			Range			550- 550		620- 810		710- 925		790- 790			
			Sample Size	0	0	1	0	24	0	26	0	1	0	0	0

Appendix A.12. Mean length (mm) of chinook salmon at the Tuluksak River weir based on escapement samples collected with a fish trap. [a] (page 9 of 10)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season [a]	M	Mean Length			553		681		785		820			
			Range			400- 685		500- 820		640-1020		820- 820			
			Sample Size	0	0	118	0	89	0	44	0	1	0	0	0
		F	Mean Length			574		754		835		820			
			Range			450- 695		555- 860		640- 970		790- 870			
			Sample Size	0	0	28	0	54	0	102	0	2	0	0	0
2006	7/4-5 (6/24-7/7)	M	Mean Length			558		655		870					
			Std. Error			8		34		-					
			Range			500- 620		590- 705		870- 870					
			Sample Size	0	0	17	0	3	0	1	0	0	0	0	0
		F	Mean Length					760		830					
			Std. Error					20		64					
			Range					740- 780		720- 940					
			Sample Size	0	0	0	0	2	0	3	0	0	0	0	0
	7/9-11,13-14 (7/8-15)	M	Mean Length			532		671		833					
			Std. Error			10		15		63					
			Range			470- 590		600- 790		710- 920					
			Sample Size	0	0	10	0	12	0	3	0	0	0	0	0
		F	Mean Length					750		828		950			
			Std. Error					50		17		-			
			Range					700- 800		800- 860		950- 950			
			Sample Size	0	0	0	0	2	0	3	0	1	0	0	0
	7/16-20 (7/16-22)	M	Mean Length			556		683		840					
			Std. Error			12		14		42					
			Range			475- 595		605- 795		745- 915					
			Sample Size	0	0	11	0	12	0	4	0	0	0	0	0
		F	Mean Length					755		848					
			Std. Error					55		18					
			Range					700- 810		750- 925					
			Sample Size	0	0	0	0	2	0	11	0	0	0	0	0
	7/24-8/9 (7/23-9/10)	M	Mean Length			553		731		910		890			
			Std. Error			10		15		42		-			
			Range			485- 635		690- 810		835- 980		890- 890			
			Sample Size	0	0	16	0	9	0	3	0	1	0	0	0
		F	Mean Length			620		784		858		895			
			Std. Error			-		24		21		5			
			Range			620- 620		730- 840		700- 930		890- 900			
			Sample Size	0	0	1	0	4	0	10	0	2	0	0	0

Appendix A.12. Mean length (mm) of chinook salmon at the Tuluksak River weir based on escapement samples collected with a fish trap. [a] (page 10 of 10)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season [a]	M	Mean Length			552		686		861		890			
			Range			470- 635		590- 810		710- 980		890- 890			
			Sample Size	0	0	54	0	36	0	11	0	1	0	0	0
		F	Mean Length			620		766		847		913			
			Range			620- 620		700- 840		700- 940		890- 950			
			Sample Size	0	0	1	0	10	0	27	0	3	0	0	0
	Grand Total [b]	M	Mean Length	535	413	548	469	679	553	812	668	894	797		800
			Range	535- 535	330- 535	335- 920	460- 480	405- 1010	400- 645	560- 1055	440- 870	802- 1055	620- 920		705- 820
			Sample Size	1	62	966	2	915	50	250	43	15	12	0	2
		F	Mean Length		485	558		771	565	860	813	887	863	905	910
			Range		485- 485	425- 785		605- 900	545- 565	621- 1010	755- 845	815- 978	795- 905	875- 935	910- 910
			Sample Size	0	1	74	0	202	2	541	6	64	14	2	2

[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 A.13. Age and sex of chinook salmon at the Kisaralik River with a 4.5 inch mesh gillnet. (1 of 1)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
2001	8/4	81	M	0	0.0	0	0.0	25	30.9	0	0.0	17	21.0	0	0.0	17	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	59	72.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	1	1.2	0	0.0	19	0.0	0	0.0	2	2.5	0	0.0	0	0.0	0	0.0	22	27.2
			Total	0	0.0	0	0.0	25	39.0	0	0.0	18	22.2	0	0.0	36	0.0	0	0.0	2	2.5	0	0.0	0	0.0	0	0.0	81	100.0

Appendix A.14. Mean length (mm) of chinook salmon at the Kisaralik River with a 4.5 inch mesh gillnet. (page 1 of 1)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2001	8/4	M	Mean Length			517		655		829					
			Range			410-625		530-770		680-960					
			Sample Size	0	0	25	0	17	0	17	0	0	0	0	0
		F	Mean Length					835		861		930			
			Range					835-835		787-935		910-950			
			Sample Size	0	0	0	0	1	0	19	0	2	0	0	0

Appendix A.15. Age and sex of chinook salmon at the Kwethluk 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 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
1992	6/24-27	65	M	0	0.0	14	9.2	35	23.1	0	0.0	28	18.5	0	0.0	19	12.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	95	63.1
	(6/21-27)		F	0	0.0	0	0.0	26	16.9	0	0.0	23	15.4	0	0.0	7	4.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	56	36.9
			Subtotal	0	0.0	14	9.2	60	40.0	0	0.0	51	33.9	0	0.0	26	16.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	151	100.0
	6/28-30	133	M	0	0.0	0	0.0	902	35.3	0	0.0	731	28.6	0	0.0	383	15.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,016	78.9
	(6/28-7/4)		F	0	0.0	0	0.0	77	3.0	0	0.0	20	0.8	0	0.0	442	17.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	539	21.1
			Subtotal	0	0.0	0	0.0	979	38.3	0	0.0	751	29.4	0	0.0	825	32.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,555	100.0
	7/5-6	135	M	0	0.0	241	7.4	1,469	45.2	0	0.0	673	20.7	0	0.0	169	5.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,552	78.5
	(7/5-11)		F	0	0.0	0	0.0	23	0.7	0	0.0	23	0.7	0	0.0	601	18.5	0	0.0	49	1.5	0	0.0	0	0.0	0	0.0	699	21.5
			Subtotal	0	0.0	241	7.4	1,492	45.9	0	0.0	696	21.4	0	0.0	770	23.7	0	0.0	49	1.5	0	0.0	0	0.0	0	0.0	3,251	100.0
	7/13-15	131	M	0	0.0	105	5.3	529	26.7	0	0.0	499	25.2	16	0.8	166	8.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,315	66.4
	(7/12-18)		F	0	0.0	0	0.0	16	0.8	0	0.0	16	0.8	0	0.0	590	29.8	0	0.0	46	2.3	0	0.0	0	0.0	0	0.0	666	33.6
			Subtotal	0	0.0	105	5.3	545	27.5	0	0.0	515	26.0	16	0.8	757	38.2	0	0.0	46	2.3	0	0.0	0	0.0	0	0.0	1,981	100.0
	7/19-21	126	M	0	0.0	96	10.3	273	29.4	0	0.0	155	16.7	7	0.8	88	9.5	7	0.8	7	0.8	0	0.0	0	0.0	0	0.0	635	68.3
	(7/19-25)		F	0	0.0	0	0.0	0	0.0	0	0.0	15	1.6	0	0.0	259	27.8	0	0.0	15	1.6	7	0.8	0	0.0	0	0.0	295	31.7
			Subtotal	0	0.0	96	10.3	273	29.4	0	0.0	170	18.3	7	0.8	347	37.3	7	0.8	22	2.4	7	0.8	0	0.0	0	0.0	930	100.0
	7/27-31	131	M	0	0.0	116	26.0	123	27.5	0	0.0	65	14.5	10	2.3	24	5.3	4	0.8	0	0.0	7	1.5	0	0.0	0	0.0	349	77.9
	(7/26-8/1)		F	0	0.0	0	0.0	4	0.8	0	0.0	17	3.8	0	0.0	75	16.8	0	0.0	4	0.8	0	0.0	0	0.0	0	0.0	99	22.1
			Subtotal	0	0.0	116	26.0	127	28.3	0	0.0	82	18.3	10	2.3	99	22.1	4	0.8	4	0.8	7	1.5	0	0.0	0	0.0	448	100.0
	8/3-6,10-11,14-15,17	38	M	0	0.0	66	18.4	160	44.7	0	0.0	38	10.5	9	2.6	19	5.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	293	81.6
	(8/2-9/12)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	66	18.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	66	18.4
			Subtotal	0	0.0	66	18.4	160	44.7	0	0.0	38	10.5	9	2.6	85	23.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	359	100.0
	Season	759	M	0	0.0	638	6.6	3,492	36.1	0	0.0	2,189	22.6	43	0.4	868	9.0	11	0.1	7	0.1	7	0.1	0	0.0	0	0.0	7,256	75.0
			F	0	0.0	0	0.0	144	1.5	0	0.0	114	1.2	0	0.0	2,041	21.1	0	0.0	113	1.2	7	0.1	0	0.0	0	0.0	2,419	25.0
			Total	0	0.0	638	6.6	3,637	37.6	0	0.0	2,303	23.8	43	0.4	2,909	30.1	11	0.1	120	1.2	14	0.1	0	0.0	0	0.0	9,675	100.0
2000	6/26,28	19	M	0	0.0	0	0.0	43	36.8	0	0.0	55	47.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	99	84.2
	(6/22-7/1)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	18	15.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	18	15.8
			Subtotal	0	0.0	0	0.0	43	36.8	0	0.0	55	47.4	0	0.0	18	15.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	117	100.0
	7/4-5	66	M	0	0.0	0	0.0	246	28.8	0	0.0	388	45.5	0	0.0	103	12.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	738	86.4
	(7/2-8)		F	0	0.0	0	0.0	0	0.0	0	0.0	13	1.5	0	0.0	91	10.6	0	0.0	13	1.5	0	0.0	0	0.0	0	0.0	116	13.6
			Subtotal	0	0.0	0	0.0	246	28.8	0	0.0	401	47.0	0	0.0	194	22.7	0	0.0	13	1.5	0	0.0	0	0.0	0	0.0	854	100.0
	7/10-13	94	M	0	0.0	0	0.0	346	27.7	0	0.0	386	30.8	0	0.0	240	19.1	0	0.0	40	3.2	0	0.0	0	0.0	0	0.0	1,012	80.9
	(7/9-16)		F	0	0.0	0	0.0	0	0.0	0	0.0	40	3.2	0	0.0	186	14.9	0	0.0	13	1.1	0	0.0	0	0.0	0	0.0	240	19.1
			Subtotal	0	0.0	0	0.0	346	27.7	0	0.0	426	34.0	0	0.0	426	34.0	0	0.0	53	4.3	0	0.0	0	0.0	0	0.0	1,252	100.0

Appendix A.15. Age and sex of chinook salmon at the Kwethluk 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 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	7/17-19	83	M	0	0.0	0	0.0	277	31.3	0	0.0	309	34.9	0	0.0	75	8.4	0	0.0	21	2.4	0	0.0	0	0.0	0	0.0	682	77.1
	(7/17-23)		F	0	0.0	0	0.0	0	0.0	0	0.0	22	2.4	0	0.0	138	15.7	0	0.0	43	4.8	0	0.0	0	0.0	0	0.0	203	22.9
			Subtotal	0	0.0	0	0.0	277	31.3	0	0.0	331	37.3	0	0.0	213	24.1	0	0.0	64	7.2	0	0.0	0	0.0	0	0.0	885	100.0
	7/24-27,8/1	39	M	0	0.0	0	0.0	146	33.3	0	0.0	79	17.9	0	0.0	11	2.6	0	0.0	11	2.6	0	0.0	0	0.0	0	0.0	248	56.4
	(7/24-9/15)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	113	25.6	0	0.0	79	17.9	0	0.0	0	0.0	0	0.0	191	43.6
			Subtotal	0	0.0	0	0.0	146	33.3	0	0.0	79	17.9	0	0.0	124	28.2	0	0.0	90	20.5	0	0.0	0	0.0	0	0.0	439	100.0
	Season [b]	301	M	0	0.0	0	0.0	1,059	29.9	0	0.0	1,218	34.3	0	0.0	429	12.1	0	0.0	72	2.0	0	0.0	0	0.0	0	0.0	2,778	78.3
			F	0	0.0	0	0.0	0	0.0	0	0.0	74	2.1	0	0.0	547	15.4	0	0.0	148	4.2	0	0.0	0	0.0	0	0.0	769	21.7
			Total	0	0.0	0	0.0	1,059	29.9	0	0.0	1,292	36.4	0	0.0	976	27.5	0	0.0	220	6.2	0	0.0	0	0.0	0	0.0	3,547	100.0
2001	8/17	2	M		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
			F		0.0		0.0		0.0		0.0		0.0		0.0		100.0		0.0		0.0		0.0		0.0		0.0		100.0
	Season		Total		0.0		0.0		0.0		0.0		0.0		0.0		100.0		0.0		0.0		0.0		0.0		0.0	2	100.0
2002	7/1-4	167	M	0	0.0	0	0.0	1,368	45.5	0	0.0	738	24.5	0	0.0	180	6.0	0	0.0	18	0.6	0	0.0	0	0.0	0	0.0	2,305	76.6
	(6/28-7/6)		F	0	0.0	0	0.0	0	0.0	0	0.0	234	7.8	0	0.0	432	14.4	0	0.0	36	1.2	0	0.0	0	0.0	0	0.0	702	23.4
			Subtotal	0	0.0	0	0.0	1,368	45.5	0	0.0	972	32.3	0	0.0	612	20.4	0	0.0	54	1.8	0	0.0	0	0.0	0	0.0	3,007	100.0
	7/8-11	166	M	0	0.0	0	0.0	1,044	41.0	0	0.0	783	30.7	0	0.0	246	9.7	0	0.0	15	0.6	0	0.0	0	0.0	0	0.0	2,088	81.9
	(7/7-13)		F	0	0.0	0	0.0	62	2.4	0	0.0	138	5.4	0	0.0	230	9.0	0	0.0	31	1.2	0	0.0	0	0.0	0	0.0	461	18.1
			Subtotal	0	0.0	0	0.0	1,106	43.4	0	0.0	921	36.1	0	0.0	476	18.7	0	0.0	46	1.8	0	0.0	0	0.0	0	0.0	2,549	100.0
	7/15-17	192	M	0	0.0	0	0.0	682	48.4	0	0.0	286	20.3	0	0.0	132	9.4	0	0.0	7	0.5	0	0.0	0	0.0	0	0.0	1,108	78.6
	(7/14-19)		F	0	0.0	0	0.0	0	0.0	0	0.0	96	6.8	0	0.0	206	14.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	301	21.4
			Subtotal	0	0.0	0	0.0	682	48.4	0	0.0	382	27.1	0	0.0	338	24.0	0	0.0	7	0.5	0	0.0	0	0.0	0	0.0	1,409	100.0
	7/22-24	190	M	0	0.0	0	0.0	327	37.9	0	0.0	295	34.2	0	0.0	68	7.9	0	0.0	4	0.5	0	0.0	0	0.0	0	0.0	694	80.5
	(7/20-26)		F	0	0.0	0	0.0	0	0.0	0	0.0	32	3.7	0	0.0	113	13.2	0	0.0	23	2.7	0	0.0	0	0.0	0	0.0	168	19.5
			Subtotal	0	0.0	0	0.0	327	37.9	0	0.0	327	37.9	0	0.0	181	21.1	0	0.0	27	3.2	0	0.0	0	0.0	0	0.0	862	100.0
	7/29-8/1,5-7	92	M	0	0.0	0	0.0	247	43.5	0	0.0	167	29.3	0	0.0	37	6.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	451	79.3
	(7/27-9/19)		F	0	0.0	0	0.0	0	0.0	0	0.0	6	1.1	0	0.0	86	15.2	0	0.0	25	4.3	0	0.0	0	0.0	0	0.0	117	20.7
			Subtotal	0	0.0	0	0.0	247	43.5	0	0.0	173	30.4	0	0.0	123	21.7	0	0.0	25	4.3	0	0.0	0	0.0	0	0.0	568	100.0
	Season	807	M	0	0.0	0	0.0	3,669	43.7	0	0.0	2,269	27.1	0	0.0	663	7.9	0	0.0	45	0.5	0	0.0	0	0.0	0	0.0	6,646	79.2
			F	0	0.0	0	0.0	61	0.7	0	0.0	506	6.0	0	0.0	1,068	12.7	0	0.0	114	1.4	0	0.0	0	0.0	0	0.0	1,749	20.8
			Total	0	0.0	0	0.0	3,730	44.4	0	0.0	2,775	33.1	0	0.0	1,731	20.6	0	0.0	159	1.9	0	0.0	0	0.0	0	0.0	8,395	100.0
2003	6/23-28,30	146	M	0	0.0	5	0.7	227	32.2	0	0.0	357	50.7	0	0.0	39	5.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	628	89.0
	(6/23-6/30)		F	0	0.0	0	0.0	14	2.0	0	0.0	39	5.5	0	0.0	19	2.7	0	0.0	5	0.7	0	0.0	0	0.0	0	0.0	77	11.0
			Subtotal	0	0.0	5	0.7	241	34.2	0	0.0	396	56.2	0	0.0	58	8.2	0	0.0	5	0.7	0	0.0	0	0.0	0	0.0	705	100.0

Appendix A.15. Age and sex of chinook salmon at the Kwethluk 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 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	7/1	164	M	0	0.0	0	0.0	740	25.0	0	0.0	1,569	53.1	0	0.0	379	12.8	0	0.0	18	0.6	0	0.0	0	0.0	0	0.0	2,705	91.5
	(7/1-7/4)		F	0	0.0	0	0.0	0	0.0	0	0.0	72	2.4	0	0.0	90	3.1	0	0.0	90	3.1	0	0.0	0	0.0	0	0.0	253	8.5
			Subtotal	0	0.0	0	0.0	740	25.0	0	0.0	1,641	55.5	0	0.0	469	15.9	0	0.0	108	3.7	0	0.0	0	0.0	0	0.0	2,958	100.0
	7/7	201	M	0	0.0	0	0.0	1,363	35.3	0	0.0	1,670	43.3	0	0.0	365	9.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,398	88.1
	(7/5-7/11)		F	0	0.0	0	0.0	0	0.0	0	0.0	39	1.0	0	0.0	384	9.9	0	0.0	38	1.0	0	0.0	0	0.0	0	0.0	461	11.9
			Subtotal	0	0.0	0	0.0	1,363	35.3	0	0.0	1,709	44.3	0	0.0	749	19.4	0	0.0	38	1.0	0	0.0	0	0.0	0	0.0	3,859	100.0
	7/14	184	M	0	0.0	18	0.5	972	29.3	0	0.0	1,206	36.4	0	0.0	270	8.2	0	0.0	54	1.6	0	0.0	0	0.0	0	0.0	2,519	76.1
	(7/12-18)		F	0	0.0	0	0.0	0	0.0	0	0.0	126	3.8	0	0.0	594	17.9	0	0.0	72	2.2	0	0.0	0	0.0	0	0.0	792	23.9
			Subtotal	0	0.0	18	0.5	972	29.3	0	0.0	1,332	40.2	0	0.0	864	26.1	0	0.0	126	3.8	0	0.0	0	0.0	0	0.0	3,311	100.0
	7/21	191	M	0	0.0	11	0.5	652	31.4	0	0.0	641	30.9	0	0.0	272	13.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,576	75.9
	(7/19-25)		F	0	0.0	0	0.0	0	0.0	0	0.0	65	3.1	0	0.0	391	18.8	0	0.0	43	2.1	0	0.0	0	0.0	0	0.0	500	24.1
			Subtotal	0	0.0	11	0.5	652	31.4	0	0.0	706	34.0	0	0.0	663	31.9	0	0.0	43	2.1	0	0.0	0	0.0	0	0.0	2,076	100.0
	7/28	183	M	0	0.0	5	0.5	363	36.6	0	0.0	239	24.0	0	0.0	76	7.6	0	0.0	6	0.6	0	0.0	0	0.0	0	0.0	688	69.4
	(7/26-8/1)		F	0	0.0	0	0.0	6	0.6	0	0.0	65	6.6	0	0.0	217	21.9	0	0.0	16	1.6	0	0.0	0	0.0	0	0.0	304	30.6
			Subtotal	0	0.0	5	0.5	369	37.2	0	0.0	304	30.6	0	0.0	293	29.5	0	0.0	22	2.2	0	0.0	0	0.0	0	0.0	992	100.0
	8/4-7,11	64	M	0	0.0	9	1.6	107	18.8	0	0.0	143	25.0	0	0.0	45	7.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	304	53.1
	(8/2-9/14)		F	0	0.0	0	0.0	0	0.0	0	0.0	36	6.3	0	0.0	215	37.5	0	0.0	18	3.1	0	0.0	0	0.0	0	0.0	269	46.9
			Subtotal	0	0.0	9	1.6	107	18.8	0	0.0	179	31.3	0	0.0	260	45.3	0	0.0	18	3.1	0	0.0	0	0.0	0	0.0	573	100.0
	Season	1,133	M	0	0.0	48	0.3	4,424	30.6	0	0.0	5,826	40.2	0	0.0	1,445	10.0	0	0.0	77	0.5	0	0.0	0	0.0	0	0.0	11,820	81.7
			F	0	0.0	0	0.0	20	0.1	0	0.0	441	3.1	0	0.0	1,910	13.2	0	0.0	283	2.0	0	0.0	0	0.0	0	0.0	2,654	18.3
			Total	0	0.0	48	0.3	4,444	30.7	0	0.0	6,267	43.3	0	0.0	3,355	23.2	0	0.0	360	2.5	0	0.0	0	0.0	0	0.0	14,474	100.0
2004	6/28-29	199	M	0	0.0	119	1.0	7,237	61.3	0	0.0	2,017	17.1	0	0.0	474	4.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9,847	83.4
	(6/25-7/4)		F	0	0.0	0	0.0	0	0.0	0	0.0	118	1.0	0	0.0	1,839	15.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,957	16.6
			Subtotal	0	0.0	119	1.0	7,237	61.3	0	0.0	2,135	18.1	0	0.0	2,313	19.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	11,804	100.0
	7/7-9	201	M	0	0.0	48	0.5	5,199	53.7	0	0.0	2,359	24.4	0	0.0	674	7.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8,279	85.6
	(7/5-12)		F	0	0.0	0	0.0	0	0.0	0	0.0	48	0.5	0	0.0	1,300	13.4	0	0.0	48	0.5	0	0.0	0	0.0	0	0.0	1,396	14.4
			Subtotal	0	0.0	48	0.5	5,199	53.7	0	0.0	2,407	24.9	0	0.0	1,974	20.4	0	0.0	48	0.5	0	0.0	0	0.0	0	0.0	9,675	100.0
	7/15-17	189	M	0	0.0	0	0.0	1,322	57.1	0	0.0	575	24.9	0	0.0	98	4.2	0	0.0	12	0.5	0	0.0	0	0.0	0	0.0	2,008	86.8
	(7/13-18)		F	0	0.0	0	0.0	0	0.0	0	0.0	25	1.0	0	0.0	257	11.1	0	0.0	25	1.1	0	0.0	0	0.0	0	0.0	306	13.2
			Subtotal	0	0.0	0	0.0	1,322	57.1	0	0.0	600	25.9	0	0.0	355	15.3	0	0.0	37	1.6	0	0.0	0	0.0	0	0.0	2,314	100.0
	7/20-21	193	M	0	0.0	12	0.5	1,191	50.8	0	0.0	535	22.8	0	0.0	109	4.7	0	0.0	12	0.5	0	0.0	0	0.0	0	0.0	1,860	79.3
	(7/19-24)		F	0	0.0	0	0.0	0	0.0	0	0.0	97	4.1	0	0.0	365	15.5	0	0.0	24	1.1	0	0.0	0	0.0	0	0.0	486	20.7
			Subtotal	0	0.0	12	0.5	1,191	50.8	0	0.0	632	26.9	0	0.0	474	20.2	0	0.0	36	1.6	0	0.0	0	0.0	0	0.0	2,346	100.0

Appendix A.15. Age and sex of chinook salmon at the Kwethluk 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 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	7/26-28	184	M	0	0.0	8	0.5	621	41.8	0	0.0	395	26.6	16	1.1	81	5.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,121	75.5
	(7/25-31)		F	0	0.0	0	0.0	0	0.0	0	0.0	89	6.0	0	0.0	250	16.9	0	0.0	16	1.1	8	0.5	0	0.0	0	0.0	363	24.5
			Subtotal	0	0.0	8	0.5	621	41.8	0	0.0	484	32.6	16	1.1	331	22.3	0	0.0	16	1.1	8	0.5	0	0.0	0	0.0	1,484	100.0
	8/2-11	185	M	0	0.0	16	1.6	462	47.0	0	0.0	181	18.4	5	0.5	48	4.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	711	72.4
	(8/1-9/10)		F	0	0.0	0	0.0	5	0.6	0	0.0	53	5.4	0	0.0	186	18.9	0	0.0	27	2.7	0	0.0	0	0.0	0	0.0	271	27.6
			Subtotal	0	0.0	16	1.6	467	47.6	0	0.0	234	23.8	5	0.5	234	23.8	0	0.0	27	2.7	0	0.0	0	0.0	0	0.0	982	100.0
	Season	1,151	M	0	0.0	203	0.7	16,032	56.1	0	0.0	6,061	21.2	21	0.1	1,484	5.2	0	0.0	24	0.1	0	0.0	0	0.0	0	0.0	23,826	83.3
			F	0	0.0	0	0.0	5	0.0	0	0.0	431	1.5	0	0.0	4,196	14.7	0	0.0	140	0.5	8	0.0	0	0.0	0	0.0	4,779	16.7
			Total	0	0.0	203	0.7	16,037	56.1	0	0.0	6,492	22.7	21	0.1	5,680	19.9	0	0.0	164	0.6	8	0.0	0	0.0	0	0.0	28,605	100.0
2005	Season	0	M	No Samples																									
			F																										
			Total																										
2006	7/5-9	215	M	0	0.0	44	0.5	3,801	40.5	0	0.0	1,879	20.0	0	0.0	349	3.7	0	0.0	88	0.9	0	0.0	0	0.0	0	0.0	6,160	65.6
	(6/20-7/9)		F	0	0.0	0	0.0	0	0.0	0	0.0	262	2.8	0	0.0	2,709	28.9	0	0.0	262	2.8	0	0.0	0	0.0	0	0.0	3,233	34.4
			Subtotal	0	0.0	44	0.5	3,801	40.5	0	0.0	2,141	22.8	0	0.0	3,058	32.6	0	0.0	350	3.7	0	0.0	0	0.0	0	0.0	9,393	100.0
	7/11-13	173	M	0	0.0	14	0.6	637	27.2	0	0.0	556	23.7	0	0.0	298	12.7	0	0.0	14	0.6	0	0.0	0	0.0	0	0.0	1,518	64.7
	(7/10-14)		F	0	0.0	0	0.0	0	0.0	0	0.0	40	1.7	0	0.0	732	31.2	0	0.0	54	2.3	0	0.0	0	0.0	0	0.0	827	35.3
			Subtotal	0	0.0	14	0.6	637	27.2	0	0.0	596	25.4	0	0.0	1,030	43.9	0	0.0	68	2.9	0	0.0	0	0.0	0	0.0	2,345	100.0
	7/16-18	195	M	0	0.0	0	0.0	515	18.5	0	0.0	486	17.4	0	0.0	386	13.9	0	0.0	72	2.6	0	0.0	0	0.0	0	0.0	1,458	52.3
	(7/15-20)		F	0	0.0	0	0.0	14	0.5	0	0.0	157	5.7	0	0.0	1,043	37.4	0	0.0	114	4.1	0	0.0	0	0.0	0	0.0	1,329	47.7
			Subtotal	0	0.0	0	0.0	529	19.0	0	0.0	643	23.1	0	0.0	1,429	51.3	0	0.0	186	6.7	0	0.0	0	0.0	0	0.0	2,787	100.0
	7/23-26	194	M	0	0.0	0	0.0	557	26.3	0	0.0	295	13.9	0	0.0	142	6.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	994	46.9
	(7/21-28)		F	0	0.0	0	0.0	0	0.0	0	0.0	87	4.1	0	0.0	907	42.8	0	0.0	131	6.2	0	0.0	0	0.0	0	0.0	1,126	53.1
			Subtotal	0	0.0	0	0.0	557	26.3	0	0.0	382	18.0	0	0.0	1,049	49.5	0	0.0	131	6.2	0	0.0	0	0.0	0	0.0	2,120	100.0
	7/30-8/22	146	M	0	0.0	0	0.0	180	18.5	0	0.0	140	14.4	0	0.0	100	10.3	0	0.0	40	4.1	0	0.0	0	0.0	0	0.0	460	47.3
	(7/29-9/6)		F	0	0.0	0	0.0	0	0.0	0	0.0	67	6.8	0	0.0	407	41.8	0	0.0	40	4.1	0	0.0	0	0.0	0	0.0	514	52.7
			Subtotal	0	0.0	0	0.0	180	18.5	0	0.0	207	21.2	0	0.0	507	52.1	0	0.0	80	8.2	0	0.0	0	0.0	0	0.0	974	100.0
	Season	923	M	0	0.0	57	0.3	5,690	32.3	0	0.0	3,356	19.0	0	0.0	1,276	7.2	0	0.0	212	1.2	0	0.0	0	0.0	0	0.0	10,591	60.1
			F	0	0.0	0	0.0	14	0.1	0	0.0	614	3.5	0	0.0	5,798	32.9	0	0.0	602	3.4	0	0.0	0	0.0	0	0.0	7,028	39.9
			Total	0	0.0	57	0.3	5,704	32.4	0	0.0	3,970	22.5	0	0.0	7,074	40.1	0	0.0	814	4.6	0	0.0	0	0.0	0	0.0	17,619	100.0
	Grand Total [c]	5,074	M	0	0.0	946	1.1	34,366	41.7	0	0.0	20,919	25.4	64	0.1	6,165	7.5	11	0.0	437	0.5	7	0.0	0	0.0	0	0.0	62,917	76.4
			F	0	0.0	0	0.0	244	0.3	0	0.0	2,180	2.6	0	0.0	15,560	18.9	0	0.0	1,400	1.7	15	0.0	0	0.0	0	0.0	19,398	23.6
			Total	0	0.0	946	1.1	34,611	42.0	0	0.0	23,099	28.1	64	0.1	21,725	26.4	11	0.0	1,837	2.2	22	0.0	0	0.0	0	0.0	82,315	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 A.16. Mean length (mm) of chinook salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 1 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1992	6/24-27	M	Mean Length		370	515		667		785					
	(6/21-27)		Std. Error		11	15		12		33					
			Range		325- 395	435- 615		610-745		700- 965					
			Sample Size	0	6	15	0	12	0	8	0	0	0	0	0
		F	Mean Length			573		649		875					
			Std. Error			14		12		20					
			Range			470- 605		585- 705		840- 910					
			Sample Size	0	0	11	0	10	0	3	0	0	0	0	0
	6/28-30	M	Mean Length			525		680		836					
	(6/28-7/4)		Std. Error			8		10		15					
			Range			395- 640		520- 810		695- 915					
			Sample Size	0	0	47	0	38	0	20	0	0	0	0	0
		F	Mean Length			490		815		867					
			Std. Error			17		-		11					
			Range			460- 535		815- 815		775- 975					
			Sample Size	0	0	4	0	1	0	23	0	0	0	0	0
	7/5-6	M	Mean Length		372	521		652		793					
	(7/5-11)		Std. Error		4	8		14		48					
			Range		355- 395	365- 650		380- 765		565- 960					
			Sample Size	0	10	61	0	28	0	7	0	0	0	0	0
		F	Mean Length			595		700		882		940			
			Std. Error			-		-		7		-			
			Range			595- 595		700- 700		810- 950		940- 940			
			Sample Size	0	0	1	0	1	0	25	0	2	0	0	0
	7/13-15	M	Mean Length		365	510		695	575	817					
	(7/12-18)		Std. Error		7	10		14	-	26					
			Range		335- 380	400- 635		525- 865	575- 575	690- 935					
			Sample Size	0	7	35	0	33	1	11	0	0	0	0	0
		F	Mean Length			920		830		878		865			
			Std. Error			-		-		6		29			
			Range			920- 920		830- 830		810- 955		820- 920			
			Sample Size	0	0	1	0	1	0	39	0	3	0	0	0
	7/19-21	M	Mean Length		378	499		721	535	813	690	920			
	(7/19-25)		Std. Error		6	10		19	-	42	-	-			
			Range		350- 415	385- 635		545- 870	535- 535	550- 985	690- 690	920- 920			
			Sample Size	0	13	37	0	21	1	12	1	1	0	0	0
		F	Mean Length					858		866		883	850		
			Std. Error					23		7		3	-		
			Range					835-880		775- 935		880- 885	850- 850		
			Sample Size	0	0	0	0	2	0	35	0	2	1	0	0

Appendix A.16. Mean length (mm) of chinook salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 2 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/27-31	M	Mean Length		366	520		668	507	927	400		700		
	(7/26-8/1)		Std. Error		7	11		17	9	41	-		45		
			Range		146- 405	385- 650		550- 845	494- 525	715- 1050	400- 400		655- 745		
			Sample Size	0	34	36	0	19	3	7	1	0	2	0	0
		F	Mean Length			455		741		868		895			
			Std. Error			-		53		10		-			
			Range			455-455		590- 890		780- 970		895- 895			
			Sample Size	0	0	1	0	5	0	22	0	1	0	0	0
	8/3-6,10-11,	M	Mean Length		386	522		715	456	833					
	14-15,17		Std. Error		5	18		32	9	83					
	(8/2-9/12)		Range		370- 400	410- 670		640- 755	465- 465	750- 915					
			Sample Size	0	7	17	0	4	1	2	0	0	0	0	0
		F	Mean Length							868					
			Std. Error							14					
			Range							815- 920					
			Sample Size	0	0	0	0	0	0	7	0	0	0	0	0
	Season	M	Mean Length		372	518		678	526	823	596	920	700		
			Range		146- 415	365- 670		380- 870	465- 575	550- 1050	400- 690	920- 920	655- 745		
			Sample Size	0	77	248	0	155	6	67	2	1	2	0	0
		F	Mean Length			568		755		875		901	850		
			Range			455- 920		585-890		775- 975		820- 940	850- 850		
			Sample Size	0	0	18	0	20	0	154	0	8	1	0	0
2000	6/26,28	M	Mean Length			518		677							
	(6/22-7/1)		Std. Error			20		22							
			Range			415- 565		575- 805							
			Sample Size	0	0	7	0	9	0	0	0	0	0	0	0
		F	Mean Length							888					
			Std. Error							24					
			Range							840- 915					
			Sample Size	0	0	0	0	0	0	3	0	0	0	0	0
	7/4-5	M	Mean Length			510		664		774					
	(7/2-8)		Std. Error			11		9		38					
			Range			445- 595		585- 780		650- 955					
			Sample Size	0	0	19	0	30	0	8	0	0	0	0	0
		F	Mean Length					825		884		910			
			Std. Error					-		33		-			
			Range					825- 825		710- 970		910- 910			
			Sample Size	0	0	0	0	1	0	7	0	1	0	0	0

Appendix A.16. Mean length (mm) of chinook salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 3 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/10-13	M	Mean Length			518		674		806		900			
	(7/9-16)		Std. Error			10		11		14		43			
			Range			450- 595		585- 775		740- 970		815- 945			
			Sample Size	0	0	26	0	29	0	18	0	3	0	0	0
		F	Mean Length					808		876		820			
			Std. Error					36		9		-			
			Range					740- 860		825- 945		820- 820			
			Sample Size	0	0	0	0	3	0	14	0	1	0	0	0
	7/17-19	M	Mean Length			503		678		851		968			
	(7/17-23)		Std. Error			8		11		23		18			
			Range			425- 580		580- 805		780- 940		950- 985			
			Sample Size	0	0	26	0	29	0	7	0	2	0	0	0
		F	Mean Length					823		867		929			
			Std. Error					68		13		22			
			Range					755- 890		745- 930		890- 970			
			Sample Size	0	0	0	0	2	0	13	0	4	0	0	0
	7/24-27,8/1	M	Mean Length			495		713		855		940			
	(7/24-9/15)		Std. Error			16		10		-		-			
			Range			400- 595		665- 740		855- 855		940- 940			
			Sample Size	0	0	13	0	7	0	1	0	1	0	0	0
		F	Mean Length							855		901			
			Std. Error							14		24			
			Range							760- 925		800- 970			
			Sample Size	0	0	0	0	0	0	10	0	7	0	0	0
	Season	M	Mean Length			509		674		807		926			
			Range			400- 595		575- 805		650- 970		815- 985			
			Sample Size	0	0	91	0	104	0	34	0	6	0	0	0
		F	Mean Length					815		871		903			
			Range					740- 890		710- 970		800- 970			
			Sample Size	0	0	0	0	6	0	47	0	13	0	0	0
2001	8/17	M	Mean Length												
			Range												
			Sample Size	0	0	0	0	0	0	0	0	0	0	0	0
		F	Mean Length							900					
			Range							890-910					
			Sample Size	0	0	0	0	0	0	2	0	0	0	0	0

Appendix A.16. Mean length (mm) of chinook salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 4 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2002	7/1-4 (6/28-7/6)	M	Mean Length			546		688		818		585			
			Std Error			6		12		25		-			
			Range			430- 700		505- 870		690- 930		585- 585			
			Sample Size	0	0	76	0	41	0	10	0	1	0	0	0
		F	Mean Length					702		842		878			
			Std Error					17		8		18			
			Range					610- 795		770- 950		860- 895			
			Sample Size	0	0	0	0	13	0	24	0	2	0	0	0
	7/8-11 (7/7-13)	M	Mean Length			548		647		672		980			
			Std Error			7		11		32		-			
			Range			410- 700		480- 840		540- 990		980- 980			
			Sample Size	0	0	68	0	51	0	16	0	1	0	0	0
		F	Mean Length			729		765		862		975			
			Std Error			75		43		11		45			
			Range			600- 900		625- 970		790- 940		930-1020			
			Sample Size	0	0	4	0	9	0	15	0	2	0	0	0
	7/15-17 (7/14-19)	M	Mean Length			556		653		784		970			
			Std Error			5		9		31		-			
			Range			435-690		555- 760		510-1010		970- 970			
			Sample Size	0	0	93	0	39	0	18	0	1	0	0	0
		F	Mean Length					715		851					
			Std Error					27		12					
			Range					620- 945		705- 940					
			Sample Size	0	0	0	0	13	0	28	0	0	0	0	0
	7/22-24 (7/20-26)	M	Mean Length			544		687		804		835			
			Std Error			5		10		19		-			
			Range			435- 620		550- 850		695- 920		835- 835			
			Sample Size	0	0	72	0	65	0	15	0	1	0	0	0
		F	Mean Length					726		860		923			
			Std Error					30		14		28			
			Range					630- 800		725-1000		840-1010			
			Sample Size	0	0	0	0	7	0	25	0	5	0	0	0
	7/29-8/1,5-7 (7/27-9/19)	M	Mean Length			528		664		840					
			Std Error			8		9		40					
			Range			420- 620		590- 760		720-1000					
			Sample Size	0	0	40	0	27	0	6	0	0	0	0	0
		F	Mean Length					785		851		926			
			Std Error					-		12		4			
			Range					785- 785		800- 955		915- 930			
			Sample Size	0	0	0	0	1	0	14	0	4	0	0	0

Appendix A.16. Mean length (mm) of chinook salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 5 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season [a]	M	Mean Length			547		668		757		807			
			Range			410- 700		480- 870		510-1010		585- 980			
			Sample Size	0	0	349	0	223	0	65	0	4	0	0	0
		F	Mean Length			729		724		851		923			
			Range			600- 900		610- 970		705-1000		840-1020			
			Sample Size	0	0	4	0	43	0	106	0	13	0	0	0
2003	6/23-29,30 (6/23-30)	M	Mean Length		410	517		655		791					
			Std. Error		-	7		8		31					
			Range		410- 410	430- 695		440- 810		695- 970					
			Sample Size	0	1	47	0	74	0	8	0	0	0	0	0
							0								
		F	Mean Length			585		724		878		870			
			Std. Error			19		35		29		-			
			Range			550- 615		600- 865		790- 910		870- 870			
			Sample Size	0	0	3	0	8	0	4	0	1	0	0	0
	7/1 (7/1-4)	M	Mean Length			537		690		802		885			
			Std. Error			7		7		19		-			
			Range			460- 630		550- 875		675-1005		885- 885			
			Sample Size	0	0	41	0	87	0	21	0	1	0	0	0
		F	Mean Length					741		842		884			
			Std. Error					33		29		28			
			Range					670- 825		790- 940		815- 975			
			Sample Size	0	0	0	0	4	0	5	0	5	0	0	0
	7/7 (7/5-11)	M	Mean Length			535		693		811					
			Std. Error			5		8		16					
			Range			440- 685		525- 950		705- 955					
			Sample Size	0	0	71	0	87	0	19	0	0	0	0	0
		F	Mean Length					835		848		933			
			Std. Error					15		14		33			
			Range					820- 850		690- 950		900- 965			
			Sample Size	0	0	0	0	2	0	20	0	2	0	0	0
	7/14 (7/12-18)	M	Mean Length		415	551		710		792		885			
			Std. Error		-	6		8		20		60			
			Range		415- 415	470- 630		545- 890		695- 935		790- 995			
			Sample Size	0	1	54	0	67	0	15	0	3	0	0	0
		F	Mean Length					829		863		874			
			Std. Error					9		9		23			
			Range					800- 855		785- 980		835- 930			
			Sample Size	0	0	0	0	7	0	33	0	4	0	0	0

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

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/21	M	Mean Length		425	541		716		810					
	(7/19-25)		Std. Error		-	7		9		15					
			Range		425- 425	440- 690		555- 890		640- 915					
			Sample Size	0	1	60	0	59	0	25	0	0	0	0	0
		F	Mean Length					805		870		910			
			Std. Error					25		8		15			
			Range					715- 900		775- 950		880- 950			
			Sample Size	0	0	0	0	6	0	36	0	4	0	0	0
	7/28	M	Mean Length		485	542		681		777		840			
	(7/26-8/1)		Std. Error		-	7		12		24		-			
			Range		485- 485	430- 825		530- 860		650- 915		840- 840			
			Sample Size	0	1	67	0	44	0	14	0	1	0	0	0
		F	Mean Length			615		829		868		887			
			Std. Error			-		12		8		17			
			Range			615- 615		740- 880		745- 995		855- 915			
			Sample Size	0	0	1	0	12	0	40	0	3	0	0	0
	8/4-7,11	M	Mean Length		410	515		690		954					
	(8/2-9/14)		Std. Error		-	12		19		25					
			Range		410- 410	465- 590		555- 880		880-1000					
			Sample Size	0	1	12	0	16	0	5	0	0	0	0	0
		F	Mean Length					795		871		970			
			Std. Error					25		12		20			
			Range					730- 840		745- 970		950- 990			
			Sample Size	0	0	0	0	4	0	24	0	2	0	0	0
	Season [a]	M	Mean Length		424	539		695		807		882			
			Range		410- 485	430- 825		440- 950		640-1005		790- 995			
			Sample Size	0	5	352	0	434	0	107	0	5	0	0	0
		F	Mean Length			593		800		862		897			
			Range			550- 615		600- 900		690- 995		815- 990			
			Sample Size	0	0	4	0	43	0	162	0	21	0	0	0
2004	6/28	M	Mean Length		480	586		666		823					
	(6/25-7/4)		Std. Error		15	3		7		25					
			Range		465- 495	485- 670		590- 775		740- 900					
			Sample Size	0	2	122	0	34	0	8	0	0	0	0	0
		F	Mean Length					793		880					
			Std. Error					8		5					
			Range					785- 800		825- 940					
			Sample Size	0	0	0	0	2	0	31	0	0	0	0	0

Appendix A.16. Mean length (mm) of chinook salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 7 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/7-9	M	Mean Length		430	588		686		775					
	(7/5-12)	S	td. Error		-	5		9		30					
			Range		430- 430	455- 680		595- 875		525- 920					
			Sample Size	0	1	108	0	49	0	14	0	0	0	0	0
		F	Mean Length					795		865		905			
			Std. Error					-		9		-			
			Range					795- 795		775- 945		905- 905			
			Sample Size	0	0	0	0	1	0	27	0	1	0	0	0
	7/15	M	Mean Length			589		685		787		700			
	(7/13-18)		Std. Error			4		10		44		-			
			Range			485- 700		525- 810		520- 940		700- 700			
			Sample Size	0	0	108	0	47	0	8	0	1	0	0	0
		F	Mean Length					803		864		915			
			Std. Error					18		13		35			
			Range					785- 820		735- 960		880- 950			
			Sample Size	0	0	0	0	2	0	21	0	2	0	0	0
	7/20-21	M	Mean Length		530	595		707		789		670			
	(7/19-24)		Std. Error		-	5		9		40		-			
			Range		530- 530	500- 755		595- 850		560- 965		670- 670			
			Sample Size	0	1	98	0	44	0	9	0	1	0	0	0
		F	Mean Length					833		858		880			
			Std. Error					14		9		20			
			Range					770- 880		720- 945		860- 900			
			Sample Size	0	0	0	0	8	0	30	0	2	0	0	0
	7/26-28	M	Mean Length		500	590		704	590	834					
	(7/25-31)		Std. Error		-	5		8	50	18					
			Range		500- 500	485- 690		595- 790	540- 640	730- 900					
			Sample Size	0	1	77	0	49	2	10	0	0	0	0	0
		F	Mean Length					790		871		938	845		
			Std. Error					7		12		23	-		
			Range					760- 825		720- 985		915- 960	845- 845		
			Sample Size	0	0	0	0	11	0	31	0	2	1	0	0
	8/2-11	M	Mean Length		513	586		689	630	849					
	(8/1-9/10)		Std. Error		10	5		12	-	28					
			Range		495- 530	455- 685		525- 825	630- 630	735- 980					
			Sample Size	0	3	87	0	34	1	9	0	0	0	0	0
		F	Mean Length					832		882		865			
			Std. Error					13		9		18			
			Range					760- 870		775- 990		830- 930			
			Sample Size	0	0	0	0	10	0	35	0	5	0	0	0

Appendix A.16. Mean length (mm) of chinook salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 8 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		475	588		683	600	798		685			
			Range		430- 530	455- 755		525- 875	540- 640	520- 980		670- 700			
			Sample Size	0	8	600	0	257	3	58	0	2	0	0	0
		F	Mean Length					807		872		899	845		
			Range					760- 880		720- 990		830- 960	845- 845		
			Sample Size	0	0	0	0	34	0	175	0	12	1	0	0
2005	Season	M	Mean Length												
			Range												
			Sample Size					No Samples							
		F	Mean Length												
			Range												
			Sample Size												
2006	7/5-9 (6/20-7/9)	M	Mean Length		475	559		666		744		788			
			Std. Error		-	5		9		22		23			
			Range		475- 475	450- 685		515- 795		620- 840		765- 810			
			Sample Size	0	1	87	0	43	0	8	0	2	0	0	0
		F	Mean Length					778		853		873			
			Std. Error					19		7		13			
			Range					720- 845		685- 940		835- 920			
			Sample Size	0	0	0	0	6	0	62	0	6	0	0	0
	7/11-13 (7/10-14)	M	Mean Length		475	566		696		820		915			
			Std. Error		-	7		10		19		-			
			Range		475- 475	435- 660		495- 810		635- 990		915- 915			
			Sample Size	0	1	47	0	41	0	22	0	1	0	0	0
		F	Mean Length					792		866		874			
			Std. Error					12		5		20			
			Range					770- 810		775- 960		830- 925			
			Sample Size	0	0	0	0	3	0	54	0	4	0	0	0
	7/16-18 (7/15-20)	M	Mean Length			579		696		835		810			
			Std. Error			11		12		15		29			
			Range			475- 855		560- 825		700-1040		750- 915			
			Sample Size	0	0	36	0	34	0	27	0	5	0	0	0
		F	Mean Length			625		757		866		861			
			Std. Error			-		16		6		23			
			Range			625- 625		665- 855		685- 980		730- 915			
			Sample Size	0	0	1	0	11	0	73	0	8	0	0	0

Appendix A.16. Mean length (mm) of chinook salmon at the Kwethluk River weir based on escapement samples collected with a fish trap. [a] (page 9 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/23-26	M	Mean Length			561		687		782					
	(7/21-28)		Std. Error			6		13		17					
			Range			445- 645		545- 795		695- 890					
			Sample Size	0	0	51	0	27	0	13	0	0	0	0	0
		F	Mean Length					773		861		861			
			Std. Error					21		5		10			
			Range					685- 855		705- 970		785- 905			
			Sample Size	0	0	0	0	8	0	83	0	12	0	0	0
	7/30-8/22	M	Mean Length			547		727		816		798			
	(7/29-9/6)		Std. Error			10		18		19		43			
			Range			445- 660		535- 855		695- 960		610- 920			
			Sample Size	0	0	27	0	21	0	15	0	6	0	0	0
		F	Mean Length					754		857		866			
			Std. Error					30		6		22			
			Range					570- 835		740- 970		795- 955			
			Sample Size	0	0	0	0	10	0	61	0	6	0	0	0
	Season	M	Mean Length		475	562		680		799		805			
			Range		475- 475	435- 855		495- 855		620-1040		610- 920			
			Sample Size	0	2	248	0	166	0	85	0	14	0	0	0
		F	Mean Length			625		770		859		868			
			Range			625- 625		570- 855		685- 980		730- 955			
			Sample Size	0	0	1	0	38	0	333	0	36	0	0	0
	Grand Total [b]	M	Mean Length		436	544		680	563	798	596	838	700		
			Range		146- 475	365- 670		380- 870	465- 575	550- 1050	400- 690	610- 920	655- 745		
			Sample Size	0	92	1,888	0	1,339	9	416	2	32	2	0	0
		F	Mean Length			629		778		865		898	848		
			Range			455- 920		585-890		685- 980		730- 955	845- 850		
			Sample Size	0	0	27	0	184	0	977	0	103	2	0	0

[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 A.17. Age and sex of chinook salmon at the Kwethluk River with a 4.5 inch mesh gillnet. (page 1 of 1)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
2001	7/29-31	77	M	0	0.0	0	0.0	23	0.0	0	0.0	20	26.0	0	0.0	24	31.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	67	87.0
			F	0	0.0	0	0.0	0	0.0	0	0.0	1	1.3	0	0.0	9	11.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	13.0
			Total	0	0.0	0	0.0	23	0.0	0	0.0	21	27.3	0	0.0	33	42.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	77	100.0

Appendix A.18. Mean length (mm) of chinook salmon at the Kwethluk River with a 4.5 inch mesh gillnet. (page 1 of 1)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2001	7/29-31	M	Mean Length			564		697		857					
			Range			495-640		585-800		691-1020					
			Sample Size	0	0	23	0	20	0	23	0	0	0	0	0
		F	Mean Length					885		887					
			Range					885-885		770-950					
			Sample Size	0	0	0	0	1	0	9	0	0	0	0	0

Appendix A.19. Age and sex of chinook salmon at the Kanektok River tower based on escapement samples collected with a beach seine and a fish trap. [ab] (page 1 of 3)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
1997	6/22,24-26,28,30,7/1	40	M	0	0.0	178	2.5	3,373	47.5	0	0.0	178	2.5	0	0.0	532	7.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,261	60.0
	(6/11-7/3)		F	0	0.0	0	0.0	533	7.5	0	0.0	355	5.0	0	0.0	1,953	27.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,840	40.0
			Subtotal	0	0.0	178	2.5	3,906	55.0	0	0.0	533	7.5	0	0.0	2,485	35.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7,101	100.0
	7/5-6,8-9	25	M	0	0.0	177	4.0	1,771	40.0	0	0.0	354	8.0	0	0.0	709	16.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,011	68.0
	(7/4-11)		F	0	0.0	0	0.0	709	16.0	0	0.0	0	0.0	0	0.0	708	16.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,417	32.0
			Subtotal	0	0.0	177	4.0	2,480	56.0	0	0.0	354	8.0	0	0.0	1,417	32.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,428	100.0
	7/14-15,17,21-23	20	M	0	0.0	0	0.0	1,043	20.0	0	0.0	521	10.0	0	0.0	521	10.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,086	40.0
	28,30-31		F	0	0.0	0	0.0	521	10.0	0	0.0	0	0.0	0	0.0	2,607	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,128	60.0
	(7/12-8/18)		Subtotal	0	0.0	0	0.0	1,564	30.0	0	0.0	521	10.0	0	0.0	3,128	60.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,214	100.0
	Season	85	M	0	0.0	355	2.1	6,187	37.0	0	0.0	1,053	6.3	0	0.0	1,763	10.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9,357	55.9
			F	0	0.0	0	0.0	1,762	10.5	0	0.0	355	2.1	0	0.0	5,268	31.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7,386	44.1
			Total	0	0.0	355	2.1	7,949	47.5	0	0.0	1,408	8.4	0	0.0	7,031	42.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	16,743	100.0
2002	7/3-4,6-7	60	M	0	0.0	13	1.7	113	15.0	0	0.0	188	25.0	0	0.0	112	15.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	426	56.7
	(7/1-8)		F	0	0.0	0	0.0	0	0.0	0	0.0	37	5.0	0	0.0	238	31.7	0	0.0	50	6.7	0	0.0	0	0.0	0	0.0	325	43.3
			Subtotal	0	0.0	13	1.7	113	15.0	0	0.0	225	30.0	0	0.0	350	46.7	0	0.0	50	6.7	0	0.0	0	0.0	0	0.0	751	100.0
	7/9-14	50	M	0	0.0	28	2.0	363	26.5	0	0.0	251	18.4	0	0.0	251	18.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	893	65.3
	(7/9-15)		F	0	0.0	0	0.0	0	0.0	0	0.0	28	2.0	0	0.0	335	24.5	0	0.0	112	8.2	0	0.0	0	0.0	0	0.0	474	34.7
			Subtotal	0	0.0	28	2.0	363	26.5	0	0.0	279	20.4	0	0.0	586	42.9	0	0.0	112	8.2	0	0.0	0	0.0	0	0.0	1,367	100.0
	7/16-17,19-20,22	42	M	0	0.0	45	2.4	452	23.8	0	0.0	498	26.2	0	0.0	181	9.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,176	61.9
	(7/16-23)		F	0	0.0	0	0.0	0	0.0	0	0.0	45	2.4	0	0.0	633	33.4	0	0.0	45	2.4	0	0.0	0	0.0	0	0.0	723	38.1
			Subtotal	0	0.0	45	2.4	452	23.8	0	0.0	543	28.6	0	0.0	814	42.9	0	0.0	45	2.4	0	0.0	0	0.0	0	0.0	1,899	100.0
	7/24-26,30-8/1	36	M	0	0.0	37	2.8	295	22.2	0	0.0	295	22.2	0	0.0	184	13.9	0	0.0	37	2.8	0	0.0	0	0.0	0	0.0	847	63.9
	(7/24-9/20)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	369	27.8	0	0.0	110	8.3	0	0.0	0	0.0	0	0.0	479	36.1
			Subtotal	0	0.0	37	2.8	295	22.2	0	0.0	295	22.2	0	0.0	553	41.7	0	0.0	147	11.1	0	0.0	0	0.0	0	0.0	1,326	100.0
	Season	188	M	0	0.0	122	2.3	1222	22.9	0	0.0	1,231	23.0	0	0.0	729	13.6	0	0.0	37	0.7	0	0.0	0	0.0	0	0.0	3,341	62.5
			F	0	0.0	0	0.0	0	0.0	0	0.0	111	2.1	0	0.0	1,574	29.5	0	0.0	317	5.9	0	0.0	0	0.0	0	0.0	2,002	37.5
			Total	0	0.0	122	2.3	1222	22.9	0	0.0	1,342	25.0	0	0.0	1,303	43.1	0	0.0	354	6.6	0	0.0	0	0.0	0	0.0	5,343	100.0
2003	7/5,9,12,15-17	62	M	0	0.0	157	4.8	787	24.2	0	0.0	945	29.0	0	0.0	315	9.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,204	67.7
	(6/24-7/17)		F	0	0.0	0	0.0	0	0.0	0	0.0	262	8.1	0	0.0	682	20.9	0	0.0	105	3.2	0	0.0	0	0.0	0	0.0	1,049	32.3
			Subtotal	0	0.0	157	4.8	787	24.2	0	0.0	1,207	37.1	0	0.0	997	30.6	0	0.0	105	3.2	0	0.0	0	0.0	0	0.0	3,253	100.0
	7/18-24	72	M	0	0.0	35	1.4	665	26.4	0	0.0	805	31.9	0	0.0	420	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,925	76.4
	(7/18-24)		F	0	0.0	0	0.0	0	0.0	0	0.0	35	1.4	0	0.0	560	22.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	595	23.6
			Subtotal	0	0.0	35	1.4	665	26.4	0	0.0	840	33.3	0	0.0	980	38.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,520	100.0

Appendix A.19. Age and sex of chinook salmon at the Kanektok River tower based on escapement samples collected with a beach seine and a fish trap. [ab] (page 2 of 3)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	7/26-30,8/2	40	M	0	0.0	0	0.0	492	20.0	0	0.0	614	25.0	0	0.0	246	10.0	0	0.0	61	2.5	0	0.0	0	0.0	0	0.0	1,413	57.5
	(7/25-9/18)		F	0	0.0	0	0.0	0	0.0	0	0.0	246	10.0	0	0.0	799	32.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,045	42.5
			Subtotal	0	0.0	0	0.0	492	20.0	0	0.0	860	35.0	0	0.0	1,045	42.5	0	0.0	61	2.5	0	0.0	0	0.0	0	0.0	2,458	100.0
	Season	174	M	0	0.0	192	2.3	1,944	23.6	0	0.0	2,364	28.7	0	0.0	981	11.9	0	0.0	61	0.7	0	0.0	0	0.0	0	0.0	5,542	67.3
			F	0	0.0	0	0.0	0	0.0	0	0.0	543	6.6	0	0.0	2,041	24.8	0	0.0	105	1.3	0	0.0	0	0.0	0	0.0	2,689	32.7
			Total	0	0.0	192	2.3	1,944	23.6	0	0.0	2,907	35.3	0	0.0	3,022	36.7	0	0.0	166	2.0	0	0.0	0	0.0	0	0.0	8,231	100.0
2004	7/6-11	183	M	0	0.0	31	0.5	3,257	57.4	0	0.0	1,303	23.0	0	0.0	310	5.4	0	0.0	31	0.5	0	0.0	0	0.0	0	0.0	4,932	86.9
	(6/29-7/12)		F	0	0.0	0	0.0	0	0.0	0	0.0	155	2.7	0	0.0	589	10.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	744	13.1
			Subtotal	0	0.0	31	0.5	3,257	57.4	0	0.0	1,458	25.7	0	0.0	899	15.8	0	0.0	31	0.5	0	0.0	0	0.0	0	0.0	5,676	100.0
	7/14-15,17	125	M	0	0.0	0	0.0	1,958	50.4	0	0.0	901	23.2	0	0.0	435	11.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,294	84.8
	(7/13-18)		F	0	0.0	0	0.0	31	0.8	0	0.0	155	4.0	0	0.0	373	9.6	0	0.0	31	0.8	0	0.0	0	0.0	0	0.0	590	15.2
			Subtotal	0	0.0	0	0.0	1,989	51.2	0	0.0	1,056	27.2	0	0.0	808	20.8	0	0.0	31	0.8	0	0.0	0	0.0	0	0.0	3,884	100.0
	7/19,22,24,28-31	120	M	0	0.0	0	0.0	6,022	60.9	0	0.0	2,145	21.7	0	0.0	413	4.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8,579	86.7
	8/5-7,10-11		F	0	0.0	0	0.0	82	0.8	0	0.0	247	2.5	0	0.0	907	9.1	0	0.0	82	0.8	0	0.0	0	0.0	0	0.0	1,320	13.3
	(7/19-9/20)		Subtotal	0	0.0	0	0.0	6,104	61.7	0	0.0	2,392	24.2	0	0.0	1,320	13.3	0	0.0	82	0.8	0	0.0	0	0.0	0	0.0	9,899	100.0
	Season	428	M	0	0.0	31	0.2	11,236	57.7	0	0.0	4,348	22.3	0	0.0	1,158	6.0	0	0.0	31	0.1	0	0.0	0	0.0	0	0.0	16,804	86.4
			F	0	0.0	0	0.0	114	0.6	0	0.0	558	2.9	0	0.0	1,869	9.6	0	0.0	114	0.6	0	0.0	0	0.0	0	0.0	2,655	13.6
			Total	0	0.0	31	0.2	11,350	58.3	0	0.0	4,906	25.2	0	0.0	3,027	15.6	0	0.0	145	0.7	0	0.0	0	0.0	0	0.0	19,459	100.0
2005	6/25-7/10	0	M																										
			F																										
			Subtotal																									3,004	
	7/12-16	34	M	0	0.0	0	0.0	946	23.5	0	0.0	2,129	52.9	0	0.0	237	5.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,312	82.4
	(7/11-18)		F	0	0.0	0	0.0	0	0.0	0	0.0	237	5.9	0	0.0	473	11.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	710	17.6
			Subtotal	0	0.0	0	0.0	946	23.5	0	0.0	2,366	58.8	0	0.0	710	17.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,022	100.0
	7/20-23	43	M	0	0.0	0	0.0	644	16.3	0	0.0	1,747	44.2	0	0.0	368	9.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,758	69.8
	(7/19-25)		F	0	0.0	0	0.0	0	0.0	0	0.0	459	11.6	0	0.0	735	18.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,195	30.2
			Subtotal	0	0.0	0	0.0	644	16.3	0	0.0	2,206	55.8	0	0.0	1,103	27.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,953	100.0
	7/27-29	78	M	0	0.0	0	0.0	556	23.1	0	0.0	525	21.8	0	0.0	216	9.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,298	53.8
	(7/26-8/2)		F	0	0.0	0	0.0	0	0.0	0	0.0	680	28.2	0	0.0	433	17.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,112	46.2
			Subtotal	0	0.0	0	0.0	556	23.1	0	0.0	1,205	50.0	0	0.0	649	26.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,410	100.0
	8/4-6,12,21	69	M	0	0.0	41	4.3	164	17.4	0	0.0	246	26.1	0	0.0	68	7.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	519	55.1
	(8/3-9/18)		F	0	0.0	0	0.0	0	0.0	0	0.0	191	20.3	0	0.0	205	21.7	0	0.0	27	2.9	0	0.0	0	0.0	0	0.0	423	44.9
			Subtotal	0	0.0	41	4.3	164	17.4	0	0.0	437	46.4	0	0.0	273	29.0	0	0.0	27	2.9	0	0.0	0	0.0	0	0.0	942	100.0

Appendix A.19. Age and sex of chinook salmon at the Kanektok River tower based on escapement samples collected with a beach seine and a fish trap. [ab] (page 3 of 3)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	Season [d]	224	M																										
			F																										
			Total																									14,331	
2006	Season		M	No Weir																									
			F																										
			Total																										
	Grand Total [c]	875	M	0	0.0	700	1.4	20,589	41.4	0	0.0	8,996	18.1	0	0.0	4,631	9.3	0	0.0	129	0.3	0	0.0	0	0.0	0	0.0	35,044	70.4
			F	0	0.0	0	0.0	1,876	3.8	0	0.0	1,567	3.1	0	0.0	10,752	21.6	0	0.0	536	1.1	0	0.0	0	0.0	0	0.0	14,732	29.6
			Total	0	0.0	700	1.4	22,465	45.1	0	0.0	10,563	21.2	0	0.0	14,383	28.9	0	0.0	665	1.3	0	0.0	0	0.0	0	0.0	49,776	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 escapement percentages for some or all of the strata; "Season" is not included in the "Grand Total".

Appendix A.20. Mean length (mm) of chinook salmon at the Kanektok River tower based on escapement samples collected with a beach seine and a fish trap. [a] (page 1 of 6)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1997	6/22,24-26,28,30,7/1 (6/11-7/3)	M	Mean Length		465	542		595		786					
			Std. Error		-	11		-		81					
			Range		465- 465	495- 675		595- 595		625- 885					
			Sample Size	0	1	19	0	1	0	3	0	0	0	0	0
		F	Mean Length			621		770		815					
			Std. Error			16		110		21					
			Range			590- 640		660- 880		675- 896					
			Sample Size	0	0	3	0	2	0	11	0	0	0	0	0
	7/5-6,8-9 (7/4-11)	M	Mean Length		350	517		733		850					
			Std. Error		-	14		8		13					
			Range		350- 350	463- 595		725- 740		815- 870					
			Sample Size	0	1	10	0	2	0	4	0	0	0	0	0
		F	Mean Length			528				869					
			Std. Error			19				21					
			Range			480- 565				817- 904					
			Sample Size	0	0	4	0	0	0	4	0	0	0	0	0
	7/14-15,17,21-23 28,30-31 (7/12-8/18)	M	Mean Length			548		753		903					
			Std. Error			38		38		23					
			Range			445- 628		715- 790		880- 925					
			Sample Size	0	0	4	0	2	0	2	0	0	0	0	0
		F	Mean Length			570				887					
			Std. Error			30				19					
			Range			540- 600				805-1020					
			Sample Size	0	0	2	0	0	0	10	0	0	0	0	0
	Season	M	Mean Length		408	536		719		846					
			Range		350- 465	445- 675		595- 790		625- 925					
			Sample Size	0	2	33	0	5	0	9	0	0	0	0	0
		F	Mean Length			569		770		858					
			Range			480- 640		660- 880		675-1020					
			Sample Size	0	0	9	0	2	0	25	0	0	0	0	0

Appendix A.20. Mean length (mm) of chinook salmon at the Kanektok River tower based on escapement samples collected with a beach seine and a fish trap. [a] (page 2 of 6)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2002	7/3-4,6-7	M	Mean Length		419	532		684		759					
	(7/1-8)		Std Error		-	14		11		21					
			Range		419- 419	440- 593		612- 778		676- 849					
			Sample Size	0	1	9	0	15	0	9	0	0	0	0	0
		F	Mean Length					745		832		871			
			Std Error					27		12		37			
			Range					714- 798		744- 930		780- 956			
			Sample Size	0	0	0	0	3	0	19	0	4	0	0	0
	7/9-14	M	Mean Length		422	509		659		771					
	(7/9-15)		Std Error		-	13		18		35					
			Range		402- 422	430- 570		593- 764		578- 906					
			Sample Size	0	1	13	0	9	0	9	0	0	0	0	0
		F	Mean Length					722		849		887			
			Std Error					-		19		43			
			Range					722- 722		745- 990		770- 980			
			Sample Size	0	0	0	0	1	0	12	0	4	0	0	0
	7/16-17,19-20,22	M	Mean Length		390	488		635		902					
	(7/16-23)		Std Error		-	12		13		30					
			Range		390- 390	412- 540		577- 698		854- 990					
			Sample Size	0	1	10	0	11	0	4	0	0	0	0	0
		F	Mean Length					759		833		867			
			Std Error					-		14		-			
			Range					759- 759		722- 915		867- 867			
			Sample Size	0	0	0	0	1	0	14	0	1	0	0	0
	7/24-26,30-8/1	M	Mean Length		470	534		666		797		759			
	(7/24-9/20)		Std Error		-	18		36		23		-			
			Range		470- 470	450- 592		505- 815		747- 869		759- 759			
			Sample Size	0	1	8	0	8	0	5	0	1	0	0	0
		F	Mean Length							838		889			
			Std Error							15		13			
			Range							744- 892		864- 910			
			Sample Size	0	0	0	0	0	0	10	0	3	0	0	0

Appendix A.20. Mean length (mm) of chinook salmon at the Kanektok River tower based on escapement samples collected with a beach seine and a fish trap. [a] (page 3 of 6)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		424	510		655		808		759			
			Range		390- 470	412- 593		505- 815		578- 990		759- 759			
			Sample Size	0	4	40	0	43	0	27	0	1	0	0	0
		F	Mean Length					745		837		882			
			Range					714- 798		722- 990		770- 980			
			Sample Size	0	0	0	0	5	0	55	0	12	0	0	0
2003	7/5,9,12,15-17 (6/24-7/17)	M	Mean Length		401	518		683		793					
			Std. Error		18	15		20		28					
			Range		383- 436	402- 610		486- 796		696- 870					
			Sample Size	0	3	15	0	18	0	6	0	0	0	0	0
		F	Mean Length					774		804		926			
			Std. Error					14		20		46			
			Range					738- 811		654- 960		880- 972			
			Sample Size	0	0	0	0	5	0	13	0	2	0	0	0
	7/18-7/24 (7/18-7/24)	M	Mean Length		371	524		710		851					
			Std. Error		-	17		13		22					
			Range		371- 371	407- 663		616- 846		732- 940					
			Sample Size	0	1	19	0	23	0	12	0	0	0	0	0
		F	Mean Length					767		828					
			Std. Error					-		13					
			Range					767- 767		750- 935					
			Sample Size	0	0	0	0	1	0	16	0	0	0	0	0
	7/26-8/2 (7/25-9/18)	M	Mean Length			546		683		818		795			
			Std. Error			10		36		25		-			
			Range			507- 585		427- 820		750- 870		795- 795			
			Sample Size	0	0	8	0	10	0	4	0	1	0	0	0
		F	Mean Length					807		848					
			Std. Error					17		13					
			Range					767- 835		776- 961					
			Sample Size	0	0	0	0	4	0	13	0	0	0	0	0

Appendix A.20. Mean length (mm) of chinook salmon at the Kanektok River tower based on escapement samples collected with a beach seine and a fish trap. [a] (page 4 of 6)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season [a]	M	Mean Length		395	527		692		824		795			
			Range		371- 436	402- 663		427- 846		696- 940		795- 795			
			Sample Size	0	4	42	0	51	0	22	0	1	0	0	0
		F	Mean Length					789		828		926			
			Range					738- 835		654- 961		880- 972			
			Sample Size	0	0	0	0	10	0	42	0	2	0	0	0
2004	7/6-11 (6/29-7/12)	M	Mean Length		413	594		696		802		928			
			Std. Error		-	4		9		23		-			
			Range		413- 413	506- 695		542- 783		692- 919		928- 928			
			Sample Size	0	1	105	0	42	0	10		1	0	0	0
		F	Mean Length					770		846					
			Std. Error					31		10					
			Range					666- 837		768- 900					
			Sample Size	0	0	0	0	5	0	19		0	0	0	0
	7/14-15,17 (7/13-18)	M	Mean Length			588		699		792					
			Std. Error			6		12		19					
			Range			438- 648		543- 800		659- 897					
			Sample Size	0	0	63	0	29	0	14		0	0	0	0
		F	Mean Length			666		745		871		854			
			Std. Error			-		13		15		-			
			Range			666- 666		700- 783		794- 962		854- 854			
			Sample Size	0	0	1	0	5	0	12		1	0	0	0
	7/19,22,24,28-31 8/5-7,10-11 (7/19-9/20)	M	Mean Length			575		686		850					
			Std. Error			6		14		37					
			Range			437- 690		519- 827		792- 983					
			Sample Size	0	0	73	0	26	0	5		0	0	0	0
		F	Mean Length			645		746		869		832			
			Std. Error			-		49		20		-			
			Range			645- 645		649- 797		776- 965		832- 832			
			Sample Size	0	0	1	0	3	0	11		1	0	0	0

Appendix A.20. Mean length (mm) of chinook salmon at the Kanektok River tower based on escapement samples collected with a beach seine and a fish trap. [a] (page 5 of 6)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		413	583		692		815		928			
			Range		413- 413	437- 695		519- 827		659- 983		928- 928			
			Sample Size	0	1	241	0	97	0	29		1	0	0	0
		F	Mean Length			651		753		862		838			
			Range			645- 666		649- 837		768- 965		832- 854			
			Sample Size	0	0	2	0	13	0	42		2	0	0	0
2005	7/12-16 (7/11-18)	M	Mean Length			546		704		738					
			Std. Error			12		18		18					
			Range			493- 590		510- 856		720- 756					
			Sample Size	0	0	8	0	18	0	2	0	0	0	0	0
		F	Mean Length					798		788					
			Std. Error					35		25					
			Range					763- 833		750- 855					
			Sample Size	0	0	0	0	2	0	4	0	0	0	0	0
	7/20-23 (7/19-25)	M	Mean Length			565		725		855					
			Std. Error			8		18		18					
			Range			533- 597		515- 880		811- 893					
			Sample Size	0	0	7	0	19	0	4	0	0	0	0	0
		F	Mean Length					779		850					
			Std. Error					14		17					
			Range					744- 816		776- 910					
			Sample Size	0	0	0	0	5	0	8	0	0	0	0	0
	7/27-29 (7/26-8/2)	M	Mean Length			578		731		760					
			Std. Error			15		11		29					
			Range			495- 723		633- 780		627- 865					
			Sample Size	0	0	18	0	17	0	7	0	0	0	0	0
		F	Mean Length					766		831					
			Std. Error					7		13					
			Range					700- 830		740- 904					
			Sample Size	0	0	0	0	22	0	14	0	0	0	0	0

Appendix A.20. Mean length (mm) of chinook salmon at the Kanektok River tower based on escapement samples collected with a beach seine and a fish trap. [a] (page 6 of 6)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	8/4-6,12,21	M	Mean Length		370	544		718		853					
	(8/3-9/18)		Std. Error		14	18		12		30					
			Range		345- 394	430- 630		610- 800		777- 930					
			Sample Size	0	3	12	0	18	0	5	0	0	0	0	0
		F	Mean Length					742		825		893			
			Std. Error					18		14		28			
			Range					610- 900		700- 891		865- 920			
			Sample Size	0	0	0	0	14	0	15	0	2	0	0	0
	Season [c]	M	Mean Length		370	559		716		801					
			Range		345- 394	430- 723		510- 880		627- 930					
			Sample Size	0	3	45	0	72	0	18	0	0	0	0	0
		F	Mean Length					772		827		893			
			Range					610- 900		700- 910		865- 920			
			Sample Size	0	0	0	0	43	0	41	0	2	0	0	0
2006	Season	M	Mean Length												
			Range												
			Sample Size		No Weir										
		F	Mean Length												
			Range												
			Sample Size												
	Grand Total [b]	M	Mean Length		410	539		690		823		827			
			Range		390- 470	412- 593		505- 815		578- 990		759- 928			
			Sample Size	0	11	356	0	196	0	87	0	3	0	0	0
		F	Mean Length			610		764		846		882			
			Range			480- 640		714- 798		722- 990		770- 980			
			Sample Size	0	0	11	0	30	0	164	0	16	0	0	0

[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 escapement percentages for some or all of the strata; "Season" is not included in the "Grand Total".

Appendix A.21. Age and sex of chinook salmon from the Kanektok River based on carcass and sport caught samples. [a] (page 1of 1)

Year	Sample Dates Sample Type	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
1991	6/21-7/7	53	M		0.0		0.0		9.4		0.0		20.8		0.0		17.0		0.0		1.9		0.0		0.0		0.0		49.1
	Sport		F		0.0		0.0		1.9		0.0		7.5		0.0		39.6		0.0		1.9		0.0		0.0		0.0		50.9
			Total		0.0		0.0		11.3		0.0		28.3		0.0		56.6		0.0		3.8		0.0		0.0		0.0		100.0
1992	7/30-8/21	208	M		0.0		1.0		5.3		0.0		15.4		2.9		35.1		1.0		0.5		0.5		0.0		0.0		61.5
	Carcass		F		0.0		0.0		1.0		0.0		4.8		1.0		28.4		0.5		1.9		1.0		0.0		0.0		38.5
			Total		0.0		1.0		6.3		0.0		20.2		3.8		63.5		1.4		2.4		1.4		0.0		0.0		100.0
1993	7/29-8/10	230	M		0.0		0.0		4.3		0.0		23.0		0.0		24.3		0.4		2.6		0.0		0.0		0.0		54.8
	Carcass		F		0.0		0.0		1.7		0.0		10.9		0.4		27.8		0.0		3.9		0.4		0.0		0.0		45.2
			Total		0.0		0.0		6.1		0.0		33.9		0.4		52.2		0.4		6.5		0.4		0.0		0.0		100.0
		82	M		0.0		2.4		17.1		0.0		8.5		0.0		8.5		0.0		1.2		1.2		0.0		0.0		39.0
	Sport		F		0.0		0.0		6.1		0.0		14.6		0.0		28.0		0.0		7.3		3.7		0.0		1.2		61.0
			Total		0.0		2.4		23.2		0.0		23.2		0.0		36.6		0.0		8.5		4.9		0.0		1.2		100.0
1994	8/8-8/16	232	M		0.0		0.0		6.9		0.4		33.2		0.4		10.8		2.2		0.0		3.9		0.0		0.0		57.8
	Carcass		F		0.0		0.0		0.9		0.4		10.3		0.0		19.0		2.6		1.3		7.8		0.0		0.0		42.2
			Total		0.0		0.0		7.8		0.9		43.5		0.4		29.7		4.7		1.3		11.6		0.0		0.0		100.0
	6/19-7/19	128	M		0.0		0.0		3.9		0.0		30.5		0.0		21.1		0.0		2.3		0.0		0.0		0.0		57.8
	Sport		F		0.0		0.0		0.0		0.0		5.5		0.0		34.4		0.0		2.3		0.0		0.0		0.0		42.2
			Total		0.0		0.0		3.9		0.0		36.0		0.0		55.5		0.0		4.6		0.0		0.0		0.0		100.0
1995	7/28-8/15	150	M		0.0		0.0		2.5		0.0		5.0		0.0		39.7		0.0		0.0		0.0		0.0		0.0		47.1
	Carcass		F		0.0		0.0		1.7		0.0		2.5		0.0		44.6		0.0		2.5		1.7		0.0		0.0		52.9
			Total		0.0		0.0		4.2		0.0		7.5		0.0		84.2		0.0		2.5		1.7		0.0		0.0		100.0
1996	7/28-8/12	129	M		0.0		0.0		4.7		0.0		25.6		0.0		14.0		1.6		7.0		0.8		0.0		0.0		53.5
	Carcass		F		0.0		0.0		0.0		0.0		3.1		0.0		30.2		0.0		11.6		1.6		0.0		0.0		46.5
			Total		0.0		0.0		4.7		0.0		28.7		0.0		44.2		1.6		18.6		2.3		0.0		0.0		100.0

[a] Carcass samples were collected from gravel bars during river patrols by U.S. Fish and Wildlife Service personel.
Sport samples were collected as part of the Kanetktok River sport fishery creel survey, conducted by ADF&G, Sport Fish Division.
Carcass data from MacDonald (1996).
Sport fish data from unpublished memorandum.

Appendix A.22. Mean length (mm) of chinook salmon from the Kanektok River based on carcass and sport caught samples. [a] (page 1 of 2)

Year	Sample Dates Sample Type	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1991	6/21-7/7	M	Mean Length			493		671		783		949			
	Sport		Std. Error			16		32		67		-			
			Range									949- 949			
			Sample Size	0	0	5	0	11	0	9	0	1	0	0	0
		F	Mean Length			480		830		830		822			
			Std. Error			-		36		21		-			
			Range			480- 480						822- 822			
			Sample Size	0	0	1	0	4	0	21	0	1	0	0	0
1992	7/30-8/21	M	Mean Length			611		772	675	892	800	939	942		
	Carcass		Std. Error			32		16	52	9	80	-	-		
			Range			505- 881		620- 960	532- 913	610- 1021	720- 881	939- 939	942- 942		
			Sample Size	0	0	11	0	32	6	73	2	1	1	0	0
		F	Mean Length			600		851	529	852	845	902	859		
			Std. Error			48		16	46	8	-	12	16		
			Range			553- 648		767- 922	483- 575	602- 962	845- 845	876- 935	843- 875		
			Sample Size	0	0	2	0	10	2	59	1	4	2	0	0
1993	7/29-8/10	M	Mean Length			605		771		888	730	987			
	Carcass		Std. Error			36		11		10	-	35			
			Range			500- 860		640- 970		670- 1050	730- 730	880- 1100			
			Sample Size	0	0	10	0	53	0	56	1	6	0	0	0
		F	Mean Length			593		758	642	873		904	825		
			Std. Error			58		15	-	6		18	-		
			Range			513- 765		625- 890	642- 642	745- 1030		800- 970	825- 825		
			Sample Size	0	0	4	0	25	1	64	0	9	1	0	0
		M	Mean Length		490	536		747		834		880	843		
	Sport		Std. Error		130	12		39		37		-	-		
			Range												
			Sample Size	0	2	14	0	7	0	7	0	1	1	0	0
		F	Mean Length			575		766		875		930	901		1005
			Std. Error			60		34		11		13	6		-
			Range												
			Sample Size	0	0	5	0	12	0	23	0	6	3	0	1

Appendix A.22. Mean length (mm) of chinook salmon from the Kanektok River based on carcass and sport caught samples. [a] (page 2 of 2)

Year	Sample Dates Sample Type	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1994	8/8-8/16	M	Mean Length			742	550	770	780	877	867		852		
	Carcass		Std. Error			26	-	9	-	14	18		35		
			Range			565- 920	550- 550	595- 935	780- 780	740- 1005	810- 925		625- 1010		
			Sample Size	0	0	16	1	77	1	25	5	0	9	0	0
		F	Mean Length			797	595	828		851	857	857	854		
			Std. Error			2	-	12		7	12	8	7		
			Range			795- 800	595- 595	650- 925		760- 935	820- 890	840- 865	795- 895		
			Sample Size	0	0	2	1	24	0	44	6	3	18	0	0
	6/19-7/19	M	Mean Length			571		763		871		954			
	Sport		Std. Error			16		11		12		7			
			Range												
			Sample Size	0	0	5	0	39	0	27	0	3	0	0	0
		F	Mean Length					814		879		884			
			Std. Error					13		8		34			
			Range												
			Sample Size	0	0	0	0	7	0	44	0	3	0	0	0
1995	7/28-8/15	M	Mean Length			550		700		913					
	Carcass		Std. Error			17		20		9					
			Range			516- 570		648- 787		740- 1016					
			Sample Size	0	0	3	0	6	0	48	0	0	0	0	0
		F	Mean Length			581		911		882		874	851		
			Std. Error			38		20		8		5	19		
			Range			543- 619		882- 949		638- 987		864- 882	832- 870		
			Sample Size	0	0	2	0	3	0	54	0	3	2	0	0
1996	7/28-8/12	M	Mean Length			523		758		907	695	950	739		
	Carcass		Std. Error			23		16		18	40	30	-		
			Range			453- 605		510- 890		760- 1020	656- 735	738- 1042	739- 739		
			Sample Size	0	0	6	0	33	0	18	2	9	1	0	0
		F	Mean Length					829		861		917	868		
			Std. Error					29		8		11	5		
			Range					785- 907		770- 965		837- 980	860- 870		
			Sample Size	0	0	0	0	4	0	39	0	15	2	0	0

[a] Carcass samples were collected from gravel bars during river patrols by U.S. Fish and Wildlife Service personel.
Sport samples were collected as part of the Kanetktok River sport fishery creel survey, conducted by ADF&G, Sport Fish Division.
Carcass data from MacDonald (1996).
Sport fish data from unpublished memorandum; range data is unavailable.

Appendix A.23. Age and sex of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab] (page 1 of 6)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
1990[cd]	7/7,10,12,	23	M		0.0		0.0		4.3		0.0		13.0		0.0		17.4		0.0		4.3		0.0		0.0		0.0		39.1
	17,20-21		F		0.0		0.0		34.8		0.0		4.3		0.0		21.7		0.0		0.0		0.0		0.0		0.0		60.9
			Total		0.0		0.0		39.1		0.0		17.4		0.0		39.1		0.0		4.3		0.0		0.0		0.0	3,636	100.0
1991	7/2,7-11,15-23	61	M	0	0.0	0	0.0	315	19.7	0	0.0	419	26.2	0	0.0	157	9.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	892	55.7
	(6/29 - 7/23)		F	0	0.0	0	0.0	0	0.0	0	0.0	78	4.9	0	0.0	447	27.9	0	0.0	184	11.5	0	0.0	0	0.0	0	0.0	709	44.3
			Subtotal	0	0.0	0	0.0	315	19.7	0	0.0	498	31.1	0	0.0	604	37.7	0	0.0	184	11.5	0	0.0	0	0.0	0	0.0	1,601	100.0
	7/24-30,8/1-2	57	M	0	0.0	0	0.0	10	3.5	0	0.0	70	24.6	0	0.0	55	19.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	135	47.4
	(7/24-8/2)		F	0	0.0	0	0.0	5	1.8	0	0.0	20	7.0	0	0.0	85	29.8	0	0.0	30	10.5	5	1.8	0	0.0	5	1.8	151	52.6
			Subtotal	0	0.0	0	0.0	15	5.3	0	0.0	90	31.6	0	0.0	140	49.1	0	0.0	30	10.5	5	1.8	0	0.0	5	1.8	286	100.0
	8/3-4,6-8	59	M	0	0.0	0	0.0	3	5.1	0	0.0	26	50.8	0	0.0	12	23.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	41	79.6
	(8/3-8)		F	0	0.0	0	0.0	0	0.0	0	0.0	4	8.5	0	0.0	5	10.2	0	0.0	1	1.7	0	0.0	0	0.0	0	0.0	11	20.4
			Subtotal	0	0.0	0	0.0	3	5.1	0	0.0	31	59.3	0	0.0	18	33.9	0	0.0	1	1.7	0	0.0	0	0.0	0	0.0	52	100.0
	8/9-12	61	M	0	0.0	0	0.0	1	11.5	0	0.0	2	39.3	0	0.0	1	13.1	0	0.0	0	3.3	0	0.0	0	1.6	0	0.0	3	68.9
	(8/9-12)		F	0	0.0	0	0.0	0	0.0	0	0.0	1	19.7	0	0.0	0	8.2	0	0.0	0	3.3	0	0.0	0	0.0	0	0.0	2	31.1
			Subtotal	0	0.0	0	0.0	1	11.5	0	0.0	3	59.0	0	0.0	1	21.3	0	0.0	0	6.6	0	0.0	0	1.6	0	0.0	5	100.0
	8/13,15,17,18	41	M	0	0.0	0	0.0	4	46.3	0	0.0	2	29.3	0	0.0	1	9.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	85.4
	(8/13-25)		F	0	0.0	0	0.0	0	2.4	0	0.0	0	4.9	0	0.0	1	7.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	14.6
			Subtotal	0	0.0	0	0.0	4	48.7	0	0.0	3	34.2	0	0.0	1	17.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8	100.0
	Season	279	M	0	0.0	0	0.0	332	17.0	0	0.0	520	26.7	0	0.0	226	11.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,079	55.3
			F	0	0.0	0	0.0	5	0.3	0	0.0	104	5.3	0	0.0	538	27.6	0	0.0	215	11.0	5	0.3	0	0.0	5	0.3	873	44.7
			Total	0	0.0	0	0.0	338	17.3	0	0.0	625	32.0	0	0.0	764	39.1	0	0.0	215	11.0	5	0.3	0	0.0	5	0.3	1,952	100.0
1992[d]	(6/21-7/11)	0	M																										
			F																										
			Subtotal																									671	
	7/13,16,19-22,	39	M	0	0.0	26	2.6	26	2.6	0	0.0	286	28.2	0	0.0	104	10.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	443	43.6
	24,26		F	0	0.0	0	0.0	0	0.0	0	0.0	26	2.6	0	0.0	521	51.3	0	0.0	26	2.6	0	0.0	0	0.0	0	0.0	573	56.4
	(7/12-26)		Subtotal	0	0.0	26	2.6	26	2.6	0	0.0	313	30.8	0	0.0	625	61.5	0	0.0	26	2.6	0	0.0	0	0.0	0	0.0	1,016	100.0
	7/27,29,31,8/2	31	M	0	0.0	0	0.0	28	12.9	0	0.0	28	12.9	7	3.2	35	16.1	0	0.0	7	3.2	0	0.0	0	0.0	0	0.0	104	48.4
	(7/27-8/9)		F	0	0.0	0	0.0	0	0.0	0	0.0	21	9.7	0	0.0	84	38.7	0	0.0	7	3.2	0	0.0	0	0.0	0	0.0	111	51.6
			Subtotal	0	0.0	0	0.0	28	12.9	0	0.0	49	22.6	7	3.2	118	54.8	0	0.0	14	6.4	0	0.0	0	0.0	0	0.0	216	100.0
	Season	70	M																										
			F																										
			Total																									1,903	
1993[d]	6/25-26	31	M	0	0.0	0	0.0	26	3.3	0	0.0	53	6.5	0	0.0	131	16.7	0	0.0	26	3.3	0	0.0	0	0.0	0	0.0	236	30.0
	(6/22-7/8)		F	0	0.0	0	0.0	79	10.0	0	0.0	131	16.1	0	0.0	289	36.6	0	0.0	53	6.7	0	0.0	0	0.0	0	0.0	551	70.0
			Total	0	0.0	0	0.0	105	13.3	0	0.0	184	22.6	0	0.0	420	53.3	0	0.0	79	10.0	0	0.0	0	0.0	0	0.0	787	100.0
	(7/9-8/10)	0	M																										
			F																										
			Total																									1,530	

Appendix A.23. Age and sex of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab] (page 2 of 6)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Esc.	0.2 %	1.1 Esc.	1.1 %	1.2 Esc.	1.2 %	2.1 Esc.	2.1 %	1.3 Esc.	1.3 %	2.2 Esc.	2.2 %	1.4 Esc.	1.4 %	2.3 Esc.	2.3 %	1.5 Esc.	1.5 %	2.4 Esc.	2.4 %	1.6 Esc.	1.6 %	2.5 Esc.	2.5 %	Total Esc.	Total %
	Season	31	M																										
			F																										
			Total																									2,317	
1994[d]	6/26,28-29,7/1,3	30	M	0	0.0	0	0.0	43	3.3	0	0.0	44	3.4	0	0.0	214	16.7	0	0.0	42	3.4	0	0.0	0	0.0	0	0.0	342	26.7
	(6/22-7/4)		F	0	0.0	43	3.3	0	0.0	0	0.0	298	23.3	0	0.0	427	33.3	0	0.0	171	13.3	0	0.0	0	0.0	0	0.0	939	73.3
			Subtotal	0	0.0	43	3.3	43	3.3	0	0.0	342	26.7	0	0.0	641	50.0	0	0.0	214	16.7	0	0.0	0	0.0	0	0.0	1,281	100.0
	(7/5-14)	0	M																										
			F																										
			Subtotal																									1,328	
	7/20-24	70	M	0	0.0	0	0.0	19	2.9	0	0.0	212	31.4	0	0.0	135	20.0	0	0.0	9	1.4	0	0.0	0	0.0	0	0.0	376	55.7
	(7/14-24)		F	0	0.0	0	0.0	0	0.0	0	0.0	19	2.9	0	0.0	202	30.0	0	0.0	58	8.6	19	2.9	0	0.0	0	0.0	298	44.3
			Subtotal	0	0.0	0	0.0	20	2.9	0	0.0	231	34.3	0	0.0	337	50.0	0	0.0	67	10.0	19	2.9	0	0.0	0	0.0	674	100.0
	7/25-31	108	M	0	0.0	0	0.0	27	4.6	0	0.0	164	28.7	0	0.0	122	21.3	0	0.0	21	3.7	6	1.0	0	0.0	0	0.0	340	59.3
	(7/25-8/9)		F	0	0.0	0	0.0	0	0.0	0	0.0	32	5.6	0	0.0	165	28.7	0	0.0	32	5.6	5	0.9	0	0.0	0	0.0	233	40.7
			Subtotal	0	0.0	0	0.0	26	4.6	0	0.0	197	34.3	0	0.0	287	50.0	0	0.0	53	9.3	11	1.9	0	0.0	0	0.0	573	100.0
	Season	208	M																										
			F																										
			Total																									3,856	
1995	6/20-7/4	72	M	0	0.0	0	0.0	279	15.3	0	0.0	330	18.1	0	0.0	609	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,218	66.7
	(6/19-7/5)		F	0	0.0	0	0.0	0	0.0	0	0.0	76	4.2	0	0.0	533	29.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	609	33.3
			Subtotal	0	0.0	0	0.0	279	15.3	0	0.0	407	22.2	0	0.0	1,142	62.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,828	100.0
	7/6,9-13	95	M	0	0.0	0	0.0	371	20.0	0	0.0	254	13.7	0	0.0	331	17.9	0	0.0	20	1.1	0	0.0	0	0.0	0	0.0	976	52.6
	(7/5-15)		F	0	0.0	0	0.0	0	0.0	0	0.0	78	4.2	0	0.0	781	42.1	0	0.0	20	1.1	0	0.0	0	0.0	0	0.0	879	47.4
			Subtotal	0	0.0	0	0.0	371	20.0	0	0.0	332	17.9	0	0.0	1,112	60.0	0	0.0	40	2.2	0	0.0	0	0.0	0	0.0	1,855	100.0
	7/18-21	69	M	0	0.0	0	0.0	126	20.3	0	0.0	36	5.8	0	0.0	162	26.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	324	52.2
	(7/16-22)		F	0	0.0	0	0.0	0	0.0	0	0.0	18	2.9	0	0.0	278	44.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	296	47.8
			Subtotal	0	0.0	0	0.0	126	20.3	0	0.0	54	8.7	0	0.0	440	71.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	620	100.0
	7/23-8/7	72	M	0	0.0	0	0.0	67	12.5	0	0.0	44	8.3	0	0.0	89	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	200	37.5
	(7/22-8/28)		F	0	0.0	0	0.0	0	0.0	0	0.0	7	1.4	0	0.0	326	61.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	333	62.5
			Subtotal	0	0.0	0	0.0	67	12.5	0	0.0	52	9.7	0	0.0	415	77.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	533	100.0
	Season	308	M	0	0.0	0	0.0	842	17.4	0	0.0	665	13.7	0	0.0	1,191	24.6	0	0.0	20	0.4	0	0.0	0	0.0	0	0.0	2,718	56.2
			F	0	0.0	0	0.0	0	0.0	0	0.0	180	3.7	0	0.0	1,918	39.7	0	0.0	20	0.4	0	0.0	0	0.0	0	0.0	2,117	43.8
			Total	0	0.0	0	0.0	842	17.4	0	0.0	844	17.5	0	0.0	3,109	64.3	0	0.0	40	0.8	0	0.0	0	0.0	0	0.0	4,836	100.0
1996[d]	(6/18-7/6)	0	M																										
			F																										
			Subtotal																									880	
	7/8-9	28	M	0	0.0	0	0.0	85	7.1	0	0.0	215	17.9	0	0.0	215	17.9	0	0.0	43	3.6	0	0.0	0	0.0	0	0.0	557	46.4
	(7/7-15)		F	0	0.0	0	0.0	0	0.0	0	0.0	128	10.7	0	0.0	472	39.3	0	0.0	43	3.6	0	0.0	0	0.0	0	0.0	643	53.6
			Subtotal	0	0.0	0	0.0	85	7.1	0	0.0	343	28.6	0	0.0	686	57.2	0	0.0	86	7.2	0	0.0	0	0.0	0	0.0	1,200	100.0

Appendix A.23. Age and sex of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab] (page 3 of 6)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
	7/22-23	14	M	0	0.0	0	0.0	57	7.1	0	0.0	57	7.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	114	14.3
	(7/16-8/23)		F	0	0.0	0	0.0	0	0.0	0	0.0	115	14.3	0	0.0	573	71.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	687	85.7
			Subtotal	0	0.0	0	0.0	57	7.1	0	0.0	172	21.4	0	0.0	573	71.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	802	100.0
	Season	42	M																										
			F																										
			Total																									2,882	
1997	6/25,28,7/1,2	25	M	0	0.0	0	0.0	827	84.0	0	0.0	39	4.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	866	88.0
	(6/14-7/3)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	118	12.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	118	12.0
			Subtotal	0	0.0	0	0.0	827	84.0	0	0.0	39	4.0	0	0.0	118	12.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	984	100.0
	7/6,7,9,10	45	M	0	0.0	0	0.0	463	55.5	0	0.0	56	6.7	0	0.0	130	15.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	649	77.8
	(7/4-10)		F	0	0.0	0	0.0	56	6.7	0	0.0	37	4.4	0	0.0	92	11.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	185	22.2
			Subtotal	0	0.0	0	0.0	519	62.2	0	0.0	93	11.1	0	0.0	222	26.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	834	100.0
	7/12-17	29	M	0	0.0	17	3.4	169	34.5	0	0.0	51	10.3	0	0.0	51	10.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	287	58.6
	(7/11-18)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	202	41.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	202	41.4
			Subtotal	0	0.0	17	3.4	169	34.5	0	0.0	51	10.3	0	0.0	253	51.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	489	100.0
	7/21-24	22	M	0	0.0	0	0.0	258	40.9	0	0.0	29	4.5	0	0.0	114	18.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	401	63.6
	(7/19-8/29)		F	0	0.0	0	0.0	0	0.0	0	0.0	57	9.1	0	0.0	172	27.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	229	36.4
			Subtotal	0	0.0	0	0.0	258	40.9	0	0.0	86	13.6	0	0.0	286	45.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	630	100.0
	Season	121	M	0	0.0	17	0.6	1,716	58.4	0	0.0	174	5.9	0	0.0	295	10.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,202	75.0
			F	0	0.0	0	0.0	56	1.9	0	0.0	95	3.2	0	0.0	585	19.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	735	25.0
			Total	0	0.0	17	0.6	1,772	60.3	0	0.0	269	9.1	0	0.0	880	30.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,937	100.0
1998 [d]	Season	0	M																										
			F																										
			Total																									4,584	
1999 [d]	6/29,7/11,13,	28	M		0.0		0.0		50.0		0.0		0.0		0.0		14.3		0.0		0.0		0.0		0.0		0.0		64.3
	15,18,23		F		0.0		0.0		0.0		0.0		7.1		0.0		28.6		0.0		0.0		0.0		0.0		0.0		35.7
			Subtotal		0.0		0.0		50.0		0.0		7.1		0.0		42.9		0.0		0.0		0.0		0.0		0.0	3,221	100.0
2000	7/5,7-10	58	M	0	0.0	15	1.7	150	17.2	0	0.0	345	39.6	0	0.0	60	6.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	570	65.5
	(7/2-11)		F	0	0.0	0	0.0	0	0.0	0	0.0	180	20.7	0	0.0	120	13.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	300	34.5
			Subtotal	0	0.0	15	1.7	150	17.2	0	0.0	525	60.3	0	0.0	180	20.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	870	100.0
	7/12-13, 15	70	M	0	0.0	0	0.0	69	10.0	0	0.0	303	44.3	0	0.0	108	15.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	480	70.0
	(7/12-16)		F	0	0.0	0	0.0	0	0.0	0	0.0	118	17.1	0	0.0	88	12.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	205	30.0
			Subtotal	0	0.0	0	0.0	69	10.0	0	0.0	421	61.4	0	0.0	196	28.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	685	100.0
	7/18-20	31	M	0	0.0	14	3.2	41	9.7	0	0.0	217	51.6	0	0.0	27	6.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	298	71.0
	(7/17 - 22)		F	0	0.0	0	0.0	0	0.0	0	0.0	81	19.4	0	0.0	27	6.4	0	0.0	14	3.2	0	0.0	0	0.0	0	0.0	122	29.0
			Subtotal	0	0.0	14	3.2	41	9.7	0	0.0	298	71.0	0	0.0	54	12.9	0	0.0	14	3.2	0	0.0	0	0.0	0	0.0	420	100.0
	7/24, 27	55	M	0	0.0	0	0.0	39	7.3	0	0.0	266	49.1	0	0.0	49	9.1	0	0.0	10	1.8	0	0.0	0	0.0	0	0.0	364	67.3
	(7/23-9/21)		F	0	0.0	0	0.0	0	0.0	0	0.0	98	18.2	0	0.0	79	14.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	177	32.7
			Subtotal	0	0.0	0	0.0	39	7.3	0	0.0	364	67.3	0	0.0	128	23.6	0	0.0	10	1.8	0	0.0	0	0.0	0	0.0	541	100.0

Appendix A.23. Age and sex of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab] (page 4 of 6)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
	Season	214	M	0	0.0	29	1.1	298	11.9	0	0.0	1,131	44.9	0	0.0	244	9.7	0	0.0	10	0.4	0	0.0	0	0.0	0	0.0	1,712	68.0
			F	0	0.0	0	0.0	0	0.0	0	0.0	477	19.0	0	0.0	314	12.5	0	0.0	13	0.5	0	0.0	0	0.0	0	0.0	804	32.0
			Total	0	0.0	29	1.1	298	11.9	0	0.0	1,608	63.9	0	0.0	558	22.2	0	0.0	23	0.9	0	0.0	0	0.0	0	0.0	2,516	100.0
2001	6/30	14	M		0.0		0.0		7.1		0.0		14.3		0.0		28.6		0.0		0.0		7.1		0.0		0.0		57.1
			F		0.0		0.0		0.0		0.0		14.3		0.0		28.5		0.0		0.0		0.0		0.0		0.0		42.9
			Subtotal		0.0		0.0		7.1		0.0		28.6		0.0		57.1		0.0		0.0		7.1		0.0		0.0		100.0
	7/14	7	M		0.0		0.0		14.3		0.0		0.0		0.0		57.1		0.0		0.0		0.0		0.0		0.0		71.4
			F		0.0		0.0		0.0		0.0		0.0		0.0		28.6		0.0		0.0		0.0		0.0		0.0		28.6
			Subtotal		0.0		0.0		14.3		0.0		0.0		0.0		85.7		0.0		0.0		0.0		0.0		0.0		100.0
	7/18	18	M		0.0		0.0		16.7		0.0		5.6		0.0		22.2		0.0		0.0		0.0		0.0		0.0		44.4
			F		0.0		0.0		0.0		0.0		0.0		0.0		55.6		0.0		0.0		0.0		0.0		0.0		55.6
			Subtotal		0.0		0.0		16.7		0.0		5.6		0.0		77.8		0.0		0.0		0.0		0.0		0.0		100.0
	Season	39	M																										53.8
			F																										46.2
			Total																									5,351	100.0
2002	6/30-7/3	49	M	0	0.0	0	0.0	400	38.8	0	0.0	210	20.4	0	0.0	147	14.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	757	73.5
	(6/22-7/4)		F	0	0.0	0	0.0	0	0.0	0	0.0	21	2.0	0	0.0	232	22.4	0	0.0	21	2.0	0	0.0	0	0.0	0	0.0	274	26.5
			Subtotal	0	0.0	0	0.0	400	38.8	0	0.0	231	22.4	0	0.0	379	36.7	0	0.0	21	2.0	0	0.0	0	0.0	0	0.0	1,031	100.0
	7/5,7-9,11,13	76	M	0	0.0	0	0.0	316	29.3	0	0.0	259	24.0	0	0.0	187	17.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	766	71.1
	(7/5-15)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	273	25.3	0	0.0	43	4.0	0	0.0	0	0.0	0	0.0	312	28.9
			Subtotal	0	0.0	0	0.0	316	29.3	0	0.0	259	24.0	0	0.0	460	42.7	0	0.0	43	4.0	0	0.0	0	0.0	0	0.0	1,078	100.0
	7/17,20-23,27-28	74	M	0	0.0	0	0.0	241	24.7	0	0.0	214	21.9	0	0.0	94	9.6	0	0.0	13	1.3	0	0.0	0	0.0	0	0.0	567	58.1
	(7/16-9/18)		F	0	0.0	0	0.0	0	0.0	0	0.0	27	2.8	0	0.0	334	34.2	0	0.0	53	5.5	0	0.0	0	0.0	0	0.0	409	41.9
			Subtotal	0	0.0	0	0.0	241	24.7	0	0.0	241	24.7	0	0.0	428	43.8	0	0.0	66	6.8	0	0.0	0	0.0	0	0.0	976	100.0
	Season	199	M	0	0.0	0	0.0	957	31.0	0	0.0	683	22.1	0	0.0	428	13.9	0	0.0	13	0.4	0	0.0	0	0.0	0	0.0	2,091	67.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	48	1.6	0	0.0	839	27.2	0	0.0	118	3.8	0	0.0	0	0.0	0	0.0	994	32.2
			Total	0	0.0	0	0.0	957	31.0	0	0.0	731	23.7	0	0.0	1,267	41.1	0	0.0	131	4.2	0	0.0	0	0.0	0	0.0	3,085	100.0
2003	6/22,7/6,9	73	M	0	0.0	12	1.4	92	11.0	0	0.0	311	37.0	0	0.0	69	8.2	0	0.0	12	1.3	0	0.0	0	0.0	0	0.0	496	58.9
	(6/18-7/9)		F	0	0.0	0	0.0	0	0.0	0	0.0	162	19.2	0	0.0	139	16.5	0	0.0	46	5.5	0	0.0	0	0.0	0	0.0	346	41.1
			Subtotal	0	0.0	12	1.4	92	11.0	0	0.0	473	56.2	0	0.0	208	24.7	0	0.0	58	6.8	0	0.0	0	0.0	0	0.0	842	100.0
	7/13-16	98	M	0	0.0	54	7.1	85	11.2	0	0.0	277	36.7	0	0.0	46	6.1	0	0.0	8	1.0	0	0.0	0	0.0	0	0.0	469	62.2
	(7/10-19)		F	0	0.0	0	0.0	0	0.0	0	0.0	100	13.3	0	0.0	162	21.5	0	0.0	23	3.1	0	0.0	0	0.0	0	0.0	285	37.8
			Subtotal	0	0.0	54	7.1	85	11.2	0	0.0	377	50.0	0	0.0	208	27.6	0	0.0	31	4.1	0	0.0	0	0.0	0	0.0	754	100.0
	7/20,22,28	70	M	0	0.0	11	1.4	147	18.6	0	0.0	135	17.1	0	0.0	124	15.7	0	0.0	12	1.5	0	0.0	0	0.0	0	0.0	429	54.3
	(7/20-9/17)		F	0	0.0	0	0.0	0	0.0	0	0.0	68	8.6	0	0.0	282	35.7	0	0.0	11	1.4	0	0.0	0	0.0	0	0.0	361	45.7
			Subtotal	0	0.0	11	1.4	147	18.6	0	0.0	203	25.7	0	0.0	406	51.4	0	0.0	23	2.9	0	0.0	0	0.0	0	0.0	790	100.0
	Season	241	M	0	0.0	77	3.2	324	13.6	0	0.0	724	30.3	0	0.0	240	10.0	0	0.0	31	1.3	0	0.0	0	0.0	0	0.0	1,394	58.4
			F	0	0.0	0	0.0	0	0.0	0	0.0	329	13.8	0	0.0	582	24.4	0	0.0	80	3.4	0	0.0	0	0.0	0	0.0	992	41.6
			Total	0	0.0	77	3.2	324	13.6	0	0.0	1,053	44.1	0	0.0	822	34.4	0	0.0	111	4.7	0	0.0	0	0.0	0	0.0	2,386	100.0

Appendix A.23. Age and sex of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab] (page 5 of 6)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
2004	6/28-7/1	49	M	0	0.0	60	4.1	574	38.8	0	0.0	272	18.4	0	0.0	91	6.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	998	67.3
	(6/21-7/4)		F	0	0.0	0	0.0	212	14.3	0	0.0	121	8.1	0	0.0	151	10.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	484	32.7
			Subtotal	0	0.0	60	4.1	786	53.1	0	0.0	393	26.5	0	0.0	242	16.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,482	100.0
	7/8-10	110	M	0	0.0	33	1.8	857	47.3	0	0.0	263	14.5	0	0.0	132	7.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,285	70.9
	(7/5-18)		F	0	0.0	0	0.0	148	8.2	0	0.0	99	5.5	0	0.0	280	15.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	527	29.1
			Subtotal	0	0.0	33	1.8	1,005	55.5	0	0.0	362	20.0	0	0.0	412	22.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,812	100.0
	7/29,8/3,9,18,23	15	M		0.0		20.0		20.0		0.0		20.0		0.0		6.7		0.0		0.0		0.0		0.0		0.0		66.7
	(7/19-9/20)		F		0.0		0.0		0.0		0.0		20.0		6.7		6.6		0.0		0.0		0.0		0.0		0.0		33.3
			Subtotal		0.0		20.0		20.0		0.0		40.0		6.7		13.3		0.0		0.0		0.0		0.0		0.0		100.0
	Season [d]	174	M																										68.7
			F																										31.3
			Total																									4,348	100.0
2005	7/4,16	69	M	0	0.0	0	0.0	517	13.0	0	0.0	1,724	43.5	0	0.0	402	10.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,643	66.7
	(6/26-7/18)		F	0	0.0	0	0.0	58	1.5	0	0.0	747	18.8	0	0.0	517	13.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,322	33.3
			Subtotal	0	0.0	0	0.0	575	14.5	0	0.0	2,471	62.3	0	0.0	919	23.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,965	100.0
	7/21,26	68	M	0	0.0	6	1.5	55	13.2	0	0.0	97	23.5	0	0.0	73	17.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	230	55.9
	(7/19-8/1)		F	0	0.0	0	0.0	6	1.5	0	0.0	103	25.0	0	0.0	66	16.2	0	0.0	0	0.0	6	1.5	0	0.0	0	0.0	182	44.1
			Subtotal	0	0.0	6	1.5	61	14.7	0	0.0	200	48.5	0	0.0	139	33.8	0	0.0	0	0.0	6	1.5	0	0.0	0	0.0	412	100.0
	8/5	18	M																										
	(8/2-9/20)		F																										
			Subtotal																									256	
	Season [d]	155	M																										
			F																										
																												4,633	
2006	7/7	15	M		0.0		0.0		26.6		0.0		0.0		0.0		6.7		0.0		0.0		0.0		0.0		0.0		33.3
	(6/26-7/11)		F		0.0		0.0		6.7		0.0		20.0		0.0		33.3		0.0		6.7		0.0		0.0		0.0		66.7
			Subtotal		0.0		0.0		33.3		0.0		20.0		0.0		40.0		0.0		6.7		0.0		0.0		0.0	1,353	100.0
	7/15	28	M		0.0		3.6		42.9		0.0		14.3		0.0		3.5		0.0		0.0		0.0		0.0		0.0		64.3
	(7/12-22)		F		0.0		0.0		0.0		0.0		7.1		0.0		28.6		0.0		0.0		0.0		0.0		0.0		35.7
			Subtotal		0.0		3.6		42.9		0.0		21.4		0.0		32.1		0.0		0.0		0.0		0.0		0.0	2,022	100.0
	7/29	14	M		0.0		0.0		7.2		0.0		21.5		0.0		21.5		0.0		0.0		0.0		0.0		0.0		50.0
	(7/23-9/18)		F		0.0		0.0		7.1		0.0		21.4		0.0		21.4		0.0		0.0		0.0		0.0		0.0		50.0
			Subtotal		0.0		0.0		14.3		0.0		42.9		0.0		42.9		0.0		0.0		0.0		0.0		0.0	1,184	100.0
	Season [d]	57	M																										51.4
			F																										48.6
			Total																									4,559	100.0

Appendix A.23. Age and sex of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. [ab] (page 6 of 6)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
	Grand	1,083	M	0	0.0	123	0.8	4,137	26.3	0	0.0	3,377	21.4	0	0.0	2,398	15.2	0	0.0	74	0.5	0	0.0	0	0.0	0	0.0	10,117	64.2
	Total [e]		F	0	0.0	0	0.0	56	0.4	0	0.0	1,129	7.2	0	0.0	4,238	26.9	0	0.0	231	1.5	0	0.0	0	0.0	0	0.0	5,642	35.8
			Total	0	0.0	123	0.0	4,193	26.6	0	0.0	4,505	28.6	0	0.0	6,636	42.1	0	0.0	305	1.9	0	0.0	0	0.0	0	0.0	15,760	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] In 1990 the Middle Fork Goodnews River escapement monitoring project operated as a tower. A beach seine was used for collection.
[d] 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".
[e] The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums. Included are years 1991, 1995, and 1997.

Appendix A.24. Mean length (mm) of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. (page 1 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1990	7/7,10,12,	M	Mean Length			530		682		911		980			
	17, 20-21		Range			530-530		650-700		810-1020		980-980			
			Sample Size	0	0	1	0	3	0	4	0	1	0	0	0
	Season [b]	F	Mean Length			559		588		851					
			Range			474-658		588-588		810-955					
			Sample Size	0	0	8	0	1	0	5	0	0	0	0	0
1992	7/13,16,19-22,	M	Mean Length		530	675		710		858					
	24,26		Std. Error		-	-		14		9					
	(7/12-26)		Range		530- 530	675- 675		633- 785		836- 878					
			Sample Size		1	1		11	0	4		0	0	0	0
		F	Mean Length					770		869		796			
			Std. Error					-		12		-			
			Range					770- 770		774- 980		796- 796			
			Sample Size		0	0		1	0	20		1	0	0	0
	7/27,29,31,8/2	M	Mean Length			569		767	627	842		980			
	(7/27-8/9)		Std. Error			52		27	-	23		-			
			Range			425- 650		717- 828	627- 627	778- 922		980- 980			
			Sample Size		0	4		4	1	5		1	0	0	0
		F	Mean Length					802		848		895			
			Std. Error					12		19		-			
			Range					790- 826		741- 940		895- 895			
			Sample Size		0	0		3	0	12		1	0	0	0
	Season [b]	M	Mean Length		530	620		715	627	854		980			
			Range		530- 530	425- 675		633- 828	627- 627	778- 922		980- 980			
			Sample Size		1	5		15	1	9		1	0	0	0
		F	Mean Length					784		866		817			
			Range					770- 826		741- 980		796- 895			
			Sample Size		0	0		4	0	32		2	0	0	0
1993	6/25-26	M	Mean Length			565		755		855		835			
	(6/22-7/8)		Range			565-565		720-790		750-1040		835-835			
			Sample Size	0	0	1	0	2	0	5	0	1	0	0	0
	Season [b]	F	Mean Length			513		707		848		968			
			Range			455-565		600-755		735-940		845-1090			
			Sample Size	0	0	3	0	5	0	11	0	2	0	0	0

Appendix A.24. Mean length (mm) of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. (page 2 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1994	6/26,28-29,7/1,3 (6/22-7/4)	M	Mean Length			610		650		843		990			
			Std. Error			-		-		30		-			
			Range			610- 610		650- 650		760- 940		990- 990			
			Sample Size	0	0	1	0	1	0	5		1	0	0	0
		F	Mean Length		385			704		793		830			
			Std. Error		-			35		28		32			
			Range		385- 385			555- 825		625- 940		765- 915			
			Sample Size	0	1	0	0	7	0	10		4	0	0	0
	7/20-24 (7/14-24)	M	Mean Length			555		745		857		900			
			Std. Error			15		14		17		-			
			Range			540- 570		620- 850		760- 970		900- 900			
			Sample Size	0	0	2	0	22	0	14		1	0	0	0
		F	Mean Length					725		829		908	853		
			Std. Error					55		12		21	53		
			Range					670- 780		720- 920		830- 975	800- 905		
			Sample Size	0	0	0	0	2	0	21		6	2	0	0
	7/25-31 (7/25-8/9)	M	Mean Length			573		763		827		921	900		
			Std. Error			20		13		14		33	-		
			Range			545- 630		655- 910		715- 950		870-1010	900- 900		
			Sample Size	0	0	4	0	31	0	23		4	1	0	0
		F	Mean Length					753		845		897	900		
			Std. Error					28		11		13	-		
			Range					660- 825		700- 990		850- 940	900- 900		
			Sample Size	0	0	0	0	6	0	31		6	1	0	0
	Season [D]	M	Mean Length			587		743		843		958	900		
			Range			540- 630		620- 910		715- 970		870-1010	900- 900		
			Sample Size	0	0	7	0	54	0	42		6	1	0	0
		F	Mean Length		385			710		813		855	863		
			Range		385- 385			555- 825		625- 990		765- 975	800- 905		
			Sample Size	0	1	0	0	15	0	62		16	3	0	0
1995	6/20-7/4 (6/19-7/5)	M	Mean Length			567		711		898					
			Std. Error			18		20		18					
			Range			460- 650		620- 900		680- 1005					
			Sample Size	0	0	11	0	13	0	24	0	0	0	0	0
		F	Mean Length					790		876					
			Std. Error					52		11					
			Range					700- 880		770- 965					
			Sample Size	0	0	0	0	3	0	21	0	0	0	0	0

Appendix A.24. Mean length (mm) of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. (page 3 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/6,9-13	M	Mean Length			560		701		866		990			
	(7/5-15)		Std. Error			11		19		20		-			
			Range			465- 655		550- 800		720- 1015		990- 990			
			Sample Size	0	0	19	0	13	0	17	0	1	0	0	0
		F	Mean Length					726		875		890			
			Std. Error					57		8		-			
			Range					560- 805		770- 990		890- 890			
			Sample Size	0	0	0	0	4	0	40	0	1	0	0	0
	7/18-21	M	Mean Length			551		691		872					
	(7/16-22)		Std. Error			27		62		19					
			Range			445- 850		610- 875		725- 990					
			Sample Size	0	0	14	0	4	0	18	0	0	0	0	0
		F	Mean Length					788		844					
			Std. Error					53		15					
			Range					735- 840		470- 950					
			Sample Size	0	0	0	0	2	0	31	0	0	0	0	0
	7/23-8/7	M	Mean Length			591		733		863					
	(7/22-8/28)		Std. Error			14		30		27					
			Range			495- 640		665- 870		705- 1010					
			Sample Size	0	0	9	0	6	0	12	0	0	0	0	0
		F	Mean Length					650		875					
			Std. Error					-		7					
			Range					650- 650		760- 940					
			Sample Size	0	0	0	0	1	0	44	0	0	0	0	0
	Season	M	Mean Length			563		708		883		990			
			Range			445- 850		550- 900		680- 1015		990- 990			
			Sample Size	0	0	53	0	36	0	71	0	1	0	0	0
		F	Mean Length					756		871		890			
			Range					560- 880		470- 990		890- 890			
			Sample Size	0	0	0	0	10	0	136	0	1	0	0	0
1996[b]	7/8-9	M	Mean Length			580		736		883		900			
	(7/7-15)		Std. Error			75		4		20		-			
			Range			505- 655		725- 750		820- 950		900- 900			
			Sample Size	0	0	2	0	5	0	5	0	1	0	0	0
		F	Mean Length					768		877		930			
			Std. Error					19		16		-			
			Range					720- 810		775- 950		930- 930			
			Sample Size	0	0	0	0	3	0	11	0	1	0	0	0

Appendix A.24. Mean length (mm) of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. (page 4 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/22-23	M	Mean Length			645		795							
	(7/16-8/23)		Std. Error			-		-							
			Range			645- 645		795- 795							
			Sample Size	0	0	1	0	1	0	0	0	0	0	0	0
		F	Mean Length					785		840					
			Std. Error					30		12					
			Range					755- 815		790- 905					
			Sample Size	0	0	0	0	2	0	10	0	0	0	0	0
1997	6/25,28,7/1-2	M	Mean Length			570		710							
	(6/14-7/3)		Std. Error			6		-							
			Range			515- 635		710- 710							
			Sample Size	0	0	21	0	1	0	0	0	0	0	0	0
		F	Mean Length							828					
			Std. Error							43					
			Range							780- 915					
			Sample Size	0	0	0	0	0	0	3	0	0	0	0	0
	7/6,7,9,10	M	Mean Length			567		798		839					
	(7/4-10)		Std. Error			12		57		23					
			Range			450- 670		720- 910		750- 940					
			Sample Size	0	0	25	0	3	0	7	0	0	0	0	0
		F	Mean Length			610		728		884					
			Std. Error			38		33		39					
			Range			540- 670		695- 760		780-1005					
			Sample Size	0	0	3	0	2	0	5	0	0	0	0	0
	7/12-17	M	Mean Length		440	585		742		910					
	(7/11-18)		Std. Error		-	16		12		61					
			Range		440- 440	530- 670		730- 765		810-1020					
			Sample Size	0	1	10	0	3	0	3	0	0	0	0	0
		F	Mean Length							871					
			Std. Error							16					
			Range							810- 990					
			Sample Size	0	0	0	0	0	0	12	0	0	0	0	0
	7/21-24	M	Mean Length			573		720		963					
	(7/19-8/29)		Std. Error			19		-		36					
			Range			470- 640		720- 720		865-1035					
			Sample Size	0	0	9	0	1	0	4	0	0	0	0	0
		F	Mean Length					770		886					
			Std. Error					20		15					
			Range					750- 790		845- 940					
			Sample Size	0	0	0	0	2	0	6	0	0	0	0	0

Appendix A.24. Mean length (mm) of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. (page 5 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		440	571		749		899					
			Range		440- 440	450- 670		710- 910		750-1035					
			Sample Size	0	1	65	0	8	0	14	0	0	0	0	0
		F	Mean Length			610		753		869					
			Range			540- 670		695- 790		780-1005					
			Sample Size	0	0	3	0	4	0	26	0	0	0	0	0
1998		No data is available for the 1998 season.													
1999[b]	6/29,7/11,13, 15,18,23	M	Mean Length			514				854					
			Std. Error			12				21					
			Range			435- 615				830- 915					
			Sample Size	0	0	14	0	0	0	4	0	0	0	0	0
		F	Mean Length					713		823					
			Std. Error					53		16					
			Range					660- 765		735- 880					
			Sample Size	0	0	0	0	2	0	8	0	0	0	0	0
2000	7/5,7-10 (7/2-11)	M	Mean Length		305	523		704		854					
			Std. Error		-	12		10		15					
			Range		305-305	470-585		600-780		810-875					
			Sample Size	0	1	10	0	23	0	4	0	0	0	0	0
		F	Mean Length					778		841					
			Std. Error					14		11					
			Range					705-855		805-890					
			Sample Size	0	0	0	0	12	0	8	0	0	0	0	0
	7/12-13,15 (7/12-16)	M	Mean Length			524		730		875					
			Std. Error			30		9		17					
			Range			440-635		655-850		745-940					
			Sample Size	0	0	7	0	31	0	11	0	0	0	0	0
		F	Mean Length					799		847					
			Std. Error					9		8					
			Range					750-860		810-890					
			Sample Size	0	0	0	0	12	0	9	0	0	0	0	0

Appendix A.24. Mean length (mm) of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. (page 6 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/18-20	M	Mean Length		385	442		721		808					
	(7/17-22)		Std. Error		-	33		13		8					
			Range		385-385	385-500		645-825		800-815					
			Sample Size	0	1	3	0	16	0	2	0	0	0	0	0
		F	Mean Length					791		830		990			
			Std. Error					16		45		-			
			Range					730-845		785-875		990-990			
			Sample Size	0	0	0	0	6	0	2	0	1	0	0	0
	7/24,27	M	Mean Length			546		737		840		920			
	(7/23-9/21)		Std. Error			29		11		13		-			
			Range			490-615		654-855		810-875		920-920			
			Sample Size	0	0	4	0	27	0	5	0	1	0	0	0
		F	Mean Length					782		834					
			Std. Error					20		15					
			Range					660-895		765-895					
			Sample Size	0	0	0	0	10	0	8	0	0	0	0	0
	Season	M	Mean Length		343	515		722		855		920			
			Range		343-343	385-635		600-855		745-940		920-920			
			Sample Size	0	2	24	0	97	0	22	0	1	0	0	0
		F	Mean Length					786		840		990			
			Range					660-895		765-895		990-990			
			Sample Size	0	0	0	0	40	0	27	0	1	0	0	0
2001	6/30	M	Mean Length			550		703		768			945		
			Std. Error			-		128		57			-		
			Range			550-550		575-830		695-935			945-945		
			Sample Size	0	0	1	0	2	0	4	0	0	1	0	0
		F	Mean Length					850		886					
			Std. Error					95		35					
			Range					755-945		825-980					
			Sample Size	0	0	0	0	2	0	4	0	0	0	0	0
	7/14	M	Mean Length			565				865					
			Std. Error			-				36					
			Range			565-565				760-915					
			Sample Size	0	0	1	0	0	0	4	0	0	0	0	0
		F	Mean Length							820					
			Std. Error							100					
			Range							720-920					
			Sample Size	0	0	0	0	0	0	2	0	0	0	0	0

Appendix A.24. Mean length (mm) of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. (page 7 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/18	M	Mean Length			517		775		835					
			Std. Error			45		-		31					
			Range			430-580		775-775		760-910					
			Sample Size	0	0	3	0	1	0	4	0	0	0	0	0
		F	Mean Length							843					
			Std. Error							19					
			Range							760-915					
			Sample Size	0	0	0	0	0	0	10	0	0	0	0	0
	Season [b]	M	Mean Length			533		727		823			945		
			Range			430-580		575-830		695-935			945-945		
			Sample Size	0	0	5	0	3	0	12	0	0	1	0	0
		F	Mean Length					850		851					
			Range					755-945		720-980					
			Sample Size	0	0	0	0	2	0	16	0	0	0	0	0
2002	6/30-7/3 (6/22-7/4)	M	Mean Length			546		640		756					
			Std Error			11		14		33					
			Range			470- 640		567- 707		605- 869					
			Sample Size	0	0	19	0	10	0	7	0	0	0	0	0
		F	Mean Length					953		825		786			
			Std Error					-		18		-			
			Range					953- 953		727- 920		786- 786			
			Sample Size	0	0	0	0	1	0	11	0	1	0	0	0
	7/5,7-9,11,13 (7/5-15)	M	Mean Length			535		666		845					
			Std Error			11		10		22					
			Range			435- 655		595- 755		725- 965					
			Sample Size	0	0	22	0	18	0	13	0	0	0	0	0
		F	Mean Length							855		883			
			Std Error							11		33			
			Range							775- 950		833- 945			
			Sample Size	0	0	0	0	0	0	19	0	3	0	0	0
	7/17,20-23,27-28 (7/16-9/18)	M	Mean Length			533		673		859		700			
			Std Error			14		17		54		-			
			Range			430- 670		550- 775		625-1020		700- 700			
			Sample Size	0	0	18	0	16	0	7	0	1	0	0	0
		F	Mean Length					779		890		906			
			Std Error					84		17		37			
			Range					695- 863		765-1070		800- 957			
			Sample Size	0	0	0	0	2	0	25	0	4	0	0	0

Appendix A.24. Mean length (mm) of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. (page 8 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length			539		660		818		700			
			Range			430- 670		550- 775		605-1020		700- 700			
			Sample Size	0	0	59	0	44	0	27	0	1	0	0	0
		F	Mean Length					856		861		876			
			Range					695- 953		727-1070		786- 957			
			Sample Size	0	0	0	0	3	0	55	0	8	0	0	0
2003	6/22,7/6,9 (6/18-7/9)	M	Mean Length		375	533		705		692		990			
			Std. Error		-	23		9		60		-			
			Range		375- 375	390- 595		619- 775		506- 880		990- 990			
			Sample Size	0	1	8	0	27	0	6	0	1	0	0	0
		F	Mean Length					787		830		828			
			Std. Error					6		12		48			
			Range					740- 830		740- 890		705- 935			
			Sample Size	0	0	0	0	14	0	12	0	4	0	0	0
	7/13-16 (7/10-19)	M	Mean Length		374	565		751		831		870			
			Std. Error		35	13		10		21		-			
			Range		240- 550	515- 655		580- 870		760- 895		870- 870			
			Sample Size	0	7	11	0	36	0	6	0	1	0	0	0
		F	Mean Length					797		840		857			
			Std. Error					13		9		20			
			Range					740- 875		790- 940		825- 895			
			Sample Size	0	0	0	0	13	0	21	0	3	0	0	0
	7/20,22,28 (7/20-9/17)	M	Mean Length		385	529		752		862		915			
			Std. Error		-	22		16		22		-			
			Range		385- 385	425- 700		660- 840		735- 975		915- 915			
			Sample Size	0	1	13	0	12	0	11	0	1	0	0	0
		F	Mean Length					779		860		820			
			Std. Error					24		9		-			
			Range					670- 830		790- 940		820- 820			
			Sample Size	0	0	0	0	6	0	25	0	1	0	0	0
	Season	M	Mean Length		375	540		731		807		932			
			Range		240- 550	390- 700		580- 870		506- 975		870- 990			
			Sample Size	0	9	32	0	75	0	23	0	3	0	0	0
		F	Mean Length					788		848		835			
			Range					670- 875		740- 940		705- 935			
			Sample Size	0	0	0	0	33	0	58	0	8	0	0	0

Appendix A.24. Mean length (mm) of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. (page 9 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2004	6/28-7/1	M	Mean Length		368	568		719		873					
	(6/21-7/4)		Std. Error		8	12		15		9					
			Range		360- 375	475- 725		670- 790		860- 890					
			Sample Size	0	2	19	0	9	0	3	0	0	0	0	0
		F	Mean Length			628		813		901					
			Std. Error			16		22		29					
			Range			560- 695		765- 870		830- 995					
			Sample Size	0	0	7	0	4	0	5	0	0	0	0	0
	7/8-10	M	Mean Length		403	599		770		783					
	(7/5-18)		Std. Error		23	7		28		38					
			Range		380- 425	485- 710		625-1080		540- 895					
			Sample Size	0	2	52	0	16	0	8	0	0	0	0	0
		F	Mean Length			617		761		841					
			Std. Error			13		34		19					
			Range			535- 680		650- 870		590- 930					
			Sample Size	0	0	9	0	6	0	17	0	0	0	0	0
	7/29,8/3,9,18,23	M	Mean Length		378	563		668		955					
	(7/19-9/20)		Std. Error		10	47		26		-					
			Range		360- 395	490- 650		625- 715		955- 955					
			Sample Size	0	3	3	0	3	0	1	0	0	0	0	0
		F	Mean Length					797		845					
			Std. Error					29		-					
			Range					750- 850		845- 845					
			Sample Size	0	0	0	0	3	0	1	0	0	0	0	0
	Season [D]	M	Mean Length		379	583		723		852					
			Range		360- 425	475- 725		625-1080		540- 955					
			Sample Size	0	7	74	0	28	0	12	0	0	0	0	0
		F	Mean Length			623		793		860					
			Range			535- 695		650- 870		590- 995					
			Sample Size	0	0	16	0	13	0	23	0	0	0	0	0
2005	7/4,16	M	Mean Length			584		715		854					
	(6/26-7/18)		Std. Error			18		10		13					
			Range			505- 665		630- 835		800- 895					
			Sample Size	0	0	9	0	30	0	7	0	0	0	0	0
		F	Mean Length			500		759		823					
			Std. Error			-		18		10					
			Range			500- 500		620- 870		790- 890					
			Sample Size	0	0	1	0	13	0	9	0	0	0	0	0

Appendix A.24. Mean length (mm) of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. (page 10 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/21,26	M	Mean Length		355	537		724		851					
	(7/19-8/1)		Std. Error		-	19		13		15					
			Range		355- 355	460- 640		630- 825		790- 955					
			Sample Size	0	1	9	0	16	0	12	0	0	0	0	0
		F	Mean Length			430		794		830			800		
			Std. Error			-		8		23			-		
			Range			430- 430		715- 845		695- 945			800- 800		
			Sample Size	0	0	1	0	17	0	11	0	0	1	0	0
	8/5	M	Mean Length		350	415		673		891					
	(8/2-9/20)		Std. Error		-	15		32		43					
			Range		350- 350	400- 430		555- 770		740- 985					
			Sample Size	0	1	2	0	6	0	5	0	0	0	0	0
		F	Mean Length							821					
			Std. Error							21					
			Range							790- 880					
			Sample Size	0	0	0	0	0	0	4	0	0	0	0	0
	Season [b]	M	Mean Length		351	572		714		859					
			Range		350- 355	400- 665		555- 835		740- 985					
			Sample Size	0	2	20	0	52	0	24	0	0	0	0	0
		F	Mean Length			493		763		823			800		
			Range			430- 500		620- 870		695- 945			800- 800		
			Sample Size	0	0	2	0	30	0	24	0	0	1	0	0
2006	7/7	M	Mean Length			516				880					
	(6/26-7/11)		Std. Error			53				-					
			Range			360- 590				880- 880					
			Sample Size	0	0	4	0	0	0	1	0	0	0	0	0
		F	Mean Length			620		730		799		900			
			Std. Error			-		40		27		-			
			Range			620- 620		660- 800		720- 865		900- 900			
			Sample Size	0	0	1	0	3	0	5	0	1	0	0	0
	7/15	M	Mean Length		375	567		668		870					
	(7/12-22)		Std. Error		-	13		25		-					
			Range		375- 375	480- 635		620- 720		870- 870					
			Sample Size	0	1	12	0	4	0	1	0	0	0	0	0
		F	Mean Length					749		861					
			Std. Error					29		25					
			Range					720- 777		740- 930					
			Sample Size	0	0	0	0	2	0	8	0	0	0	0	0

Appendix A.24. Mean length (mm) of chinook salmon at the Middle Fork Goodnews River weir based on escapement samples collected with a fish trap. (page 11 of 11)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/29	M	Mean Length			590		698		848					
	(7/23-9/18)		Std. Error			-		51		73					
			Range			590- 590		640- 800		705- 940					
			Sample Size	0	0	1	0	3	0	3	0	0	0	0	0
		F	Mean Length			605		753		918					
			Std. Error			-		45		37					
			Range			605- 605		690- 840		845- 955					
			Sample Size	0	0	1	0	3	0	3	0	0	0	0	0
	Season [b]	M	Mean Length		375	555		682		859					
			Range		375- 375	360- 635		620- 800		705- 940					
			Sample Size	0	1	17	0	7	0	5	0	0	0	0	0
		F	Mean Length			613		743		851		900			
			Range			605- 620		660- 840		720- 955		900- 900			
			Sample Size	0	0	2	0	8	0	16	0	1	0	0	0
	Grand	M	Mean Length		386	546		714		852		886			
	Total [c]		Range		240- 550	360- 850		550- 910		680- 1035		700- 990			
			Sample Size	0	12	233	0	260	0	157	0	6	0	0	0
		F	Mean Length			610		788		858		898			
			Range			540- 670		560- 880		470- 1005		705- 990			
			Sample Size	0	0	3	0	90	0	302	0	18	0	0	0

[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 "Grand Total".

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

Appendix A.25. Age and sex of chinook salmon carcasses at the Middle Fork Goodnews River weir. [ab] (page 1 of 1)

Year	Sample Dates	Sample Size	Sex	Age Class																							
				0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%	Esc.	%
1996	8/9-10,12,15	107	M		0.0		6.5		14.0		0.0		29.0		0.0		10.3		0.0		1.9		0.0		0.0		0.0		61.7
			F		0.0		0.0		0.0		0.0		18.7		0.0		17.8		0.0		1.9		0.0		0.0		0.0		38.3
			Total		0.0		6.5		14.0		0.0		47.7		0.0		28.1		0.0		3.8		0.0		0.0		0.0		100.0

[a] Sample percentages are not used to estimate escapement percentages.

[b] Chinook salmon carcasses were sampled from carcasses on the upstream side of the weir.

Appendix A.26. Mean length (mm) of chinook salmon carcasses at the Middle Fork Goodnews River weir. [a] (page 1 of 1)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1996	8/9-10,12,15	M	Mean Length		383	517		766		848		1043			
			Range		325- 460	425- 590		645- 920		765- 980		1000- 1085			
			Sample Size	0	7	15	0	31	0	11	0	2	0	0	0
		F	Mean Length					756		842		903			
			Range					630- 885		725- 950		895- 910			
			Sample Size	0	0	0	0	20	0	19	0	2	0	0	0

[a] Chinook salmon carcasses were sampled from carcasses on the upstream side of the weir.

APPENDIX B.
HISTORICAL AGE, SEX, AND LENGTH OF CHINOOK SALMON SAMPLED FROM KUSKOKWIM AREA COMMERCIAL, TEST, AND SUBSISTENCE FISHERIES

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 1 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1964	6/15-16	132	M	0	0.0	0	0.0	0	0.0	0	0.0	164	11.4	0	0.0	415	28.8	11	0.8	55	3.8	11	0.7	0	0.0	0	0.0	655	45.5
	(6/15-16)		F	0	0.0	0	0.0	11	0.8	0	0.0	131	9.1	0	0.0	514	35.6	11	0.7	87	6.0	33	2.3	0	0.0	0	0.0	787	54.5
			Subtotal	0	0.0	0	0.0	11	0.8	0	0.0	295	20.5	0	0.0	929	64.4	22	1.5	142	9.8	44	3.0	0	0.0	0	0.0	1,442	100.0
	6/18-19	227	M	0	0.0	0	0.0	18	0.4	0	0.0	581	14.1	0	0.0	1,144	27.7	0	0.0	254	6.2	54	1.3	0	0.0	0	0.0	2,051	49.8
	(6/18-19)		F	0	0.0	0	0.0	0	0.0	0	0.0	200	4.8	0	0.0	1,597	38.8	0	0.0	182	4.4	91	2.2	0	0.0	0	0.0	2,070	50.2
			Subtotal	0	0.0	0	0.0	18	0.4	0	0.0	781	18.9	0	0.0	2,741	66.5	0	0.0	436	10.6	145	3.5	0	0.0	0	0.0	4,121	100.0
	6/22	119	M	0	0.0	0	0.0	0	0.0	0	0.0	620	10.9	0	0.0	1,431	25.2	48	0.8	48	0.8	286	5.1	0	0.0	0	0.0	2,433	42.9
	(6/22-23)		F	0	0.0	0	0.0	48	0.8	0	0.0	286	5.1	0	0.0	1,860	32.8	286	5.1	477	8.4	286	5.0	0	0.0	0	0.0	3,243	57.1
			Subtotal	0	0.0	0	0.0	48	0.8	0	0.0	906	16.0	0	0.0	3,291	58.0	334	5.9	525	9.2	572	10.1	0	0.0	0	0.0	5,676	100.0
	6/25	57	M	0	0.0	0	0.0	0	0.0	0	0.0	475	10.5	79	1.8	1,188	26.3	317	7.0	79	1.7	159	3.5	0	0.0	0	0.0	2,297	50.9
	(6/25-26)		F	0	0.0	0	0.0	0	0.0	0	0.0	634	14.1	79	1.7	1,109	24.6	0	0.0	238	5.3	158	3.5	0	0.0	0	0.0	2,218	49.1
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	1,109	24.6	158	3.5	2,297	50.9	317	7.0	317	7.0	317	7.0	0	0.0	0	0.0	4,515	100.0
	Season	535	M	0	0.0	0	0.0	18	0.1	0	0.0	1,840	11.7	79	0.5	4,178	26.5	376	2.4	436	2.8	510	3.2	0	0.0	0	0.0	7,437	47.2
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	59	0.4	0	0.0	1,251	7.9	79	0.5	5,080	32.3	297	1.9	983	6.2	568	3.6	0	0.0	0	0.0	8,317	52.8
			Total	0	0.0	0	0.0	77	0.5	0	0.0	3,091	19.6	158	1.0	9,258	58.8	673	4.3	1,419	9.0	1,078	6.8	0	0.0	0	0.0	15,754	100.0
1965	6/8,11	143	M	0	0.0	0	0.0	0	0.0	0	0.0	2,926	38.5	0	0.0	798	10.5	479	6.3	213	2.8	159	2.1	0	0.0	0	0.0	4,575	60.1
	(6/7,8,10,11)		F	0	0.0	0	0.0	0	0.0	0	0.0	585	7.7	0	0.0	1,383	18.2	53	0.7	691	9.1	213	2.8	0	0.0	106	1.4	3,032	39.9
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	3,511	46.2	0	0.0	2,181	28.7	532	7.0	904	11.9	372	4.9	0	0.0	106	1.4	7,607	100.0
	6/18	107	M	0	0.0	0	0.0	0	0.0	0	0.0	3,145	32.7	0	0.0	719	7.5	359	3.7	90	1.0	719	7.5	0	0.0	0	0.0	5,032	52.3
	(6/14-15,17-18)		F	0	0.0	0	0.0	0	0.0	0	0.0	719	7.5	0	0.0	1,887	19.6	0	0.0	1,348	14.0	449	4.6	0	0.0	180	1.9	4,583	47.7
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	3,864	40.2	0	0.0	2,606	27.1	359	3.7	1,438	15.0	1,168	12.1	0	0.0	180	1.9	9,615	100.0
	6/21-22	72	M	0	0.0	0	0.0	0	0.0	0	0.0	1,410	33.3	0	0.0	235	5.6	117	2.8	59	1.4	352	8.3	0	0.0	0	0.0	2,174	51.4
	(6/21-22)		F	0	0.0	0	0.0	0	0.0	0	0.0	529	12.5	0	0.0	881	20.8	59	1.4	352	8.3	118	2.8	0	0.0	117	2.8	2,056	48.6
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	1,939	45.8	0	0.0	1,116	26.4	176	4.2	411	9.7	470	11.1	0	0.0	117	2.8	4,230	100.0
	Season	322	M	0	0.0	0	0.0	0	0.0	0	0.0	7,481	34.9	0	0.0	1,752	8.2	956	4.5	361	1.7	1,231	5.8	0	0.0	0	0.0	11,781	54.9
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	1,833	8.5	0	0.0	4,151	19.3	112	0.5	2,392	11.1	780	3.6	0	0.0	404	1.9	9,671	45.1
			Total	0	0.0	0	0.0	0	0.0	0	0.0	9,314	43.4	0	0.0	5,903	27.5	1,068	5.0	2,753	12.8	2,011	9.4	0	0.0	404	1.9	21,452	100.0
1966	6/14,17	217	M	0	0.0	0	0.0	0	0.0	0	0.0	1,577	14.7	0	0.0	4,335	40.5	0	0.0	197	1.8	0	0.0	0	0.0	0	0.0	6,109	57.1
	(6/13,14,16,17)		F	0	0.0	0	0.0	0	0.0	0	0.0	394	3.7	0	0.0	4,040	37.8	0	0.0	148	1.4	0	0.0	0	0.0	0	0.0	4,581	42.9
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	1,971	18.4	0	0.0	8,375	78.3	0	0.0	345	3.2	0	0.0	0	0.0	0	0.0	10,690	100.0
	6/21,24	209	M	0	0.0	0	0.0	0	0.0	0	0.0	739	6.2	0	0.0	4,491	37.8	0	0.0	57	0.5	0	0.0	0	0.0	0	0.0	5,287	44.5
	(6/20,21,23,24)		F	0	0.0	0	0.0	0	0.0	0	0.0	227	1.9	0	0.0	6,253	52.6	0	0.0	114	0.9	0	0.0	0	0.0	0	0.0	6,594	55.5
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	966	8.1	0	0.0	10,744	90.4	0	0.0	171	1.4	0	0.0	0	0.0	0	0.0	11,881	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 2 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	6/28	42	M	0	0.0	0	0.0	63	2.4	0	0.0	189	7.1	0	0.0	818	31.0	0	0.0	63	2.4	0	0.0	0	0.0	0	0.0	1,132	42.9
	(6/27-28)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,509	57.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,509	57.1
			Subtotal	0	0.0	0	0.0	63	2.4	0	0.0	189	7.1	0	0.0	2,327	88.1	0	0.0	63	2.4	0	0.0	0	0.0	0	0.0	2,641	100.0
	Season	468	M	0	0.0	0	0.0	63	0.2	0	0.0	2,504	9.9	0	0.0	9,643	38.3	0	0.0	317	1.3	0	0.0	0	0.0	0	0.0	12,527	49.7
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	622	2.5	0	0.0	11,802	46.8	0	0.0	261	1.0	0	0.0	0	0.0	0	0.0	12,685	50.3
			Total	0	0.0	0	0.0	63	0.2	0	0.0	3,126	12.4	0	0.0	21,445	85.1	0	0.0	578	2.3	0	0.0	0	0.0	0	0.0	25,212	100.0
1967	6/1-2	75	M	0	0.0	0	0.0	0	0.0	0	0.0	61	2.7	0	0.0	821	36.0	0	0.0	213	9.3	0	0.0	0	0.0	0	0.0	1,094	48.0
	(6/1-2)		F	0	0.0	0	0.0	0	0.0	0	0.0	152	6.6	0	0.0	851	37.3	0	0.0	182	8.0	0	0.0	0	0.0	0	0.0	1,186	52.0
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	213	9.3	0	0.0	1,672	73.3	0	0.0	395	17.3	0	0.0	0	0.0	0	0.0	2,280	100.0
	6/6,9	221	M	0	0.0	0	0.0	0	0.0	0	0.0	191	1.4	0	0.0	5,225	37.1	0	0.0	1,402	9.9	0	0.0	0	0.0	0	0.0	6,817	48.4
	(6/5,6,8,9)		F	0	0.0	0	0.0	0	0.0	0	0.0	191	1.3	0	0.0	5,543	39.4	0	0.0	1,529	10.9	0	0.0	0	0.0	0	0.0	7,264	51.6
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	382	2.7	0	0.0	10,768	76.5	0	0.0	2,931	20.8	0	0.0	0	0.0	0	0.0	14,081	100.0
	6/13,16	151	M	0	0.0	0	0.0	0	0.0	0	0.0	1,423	12.6	0	0.0	2,397	21.2	0	0.0	450	4.0	0	0.0	0	0.0	0	0.0	4,269	37.7
	(6/12,13,15,16)		F	0	0.0	0	0.0	0	0.0	0	0.0	150	1.3	0	0.0	5,766	51.0	0	0.0	1,123	9.9	0	0.0	0	0.0	0	0.0	7,039	62.3
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	1,573	13.9	0	0.0	8,163	72.2	0	0.0	1,573	13.9	0	0.0	0	0.0	0	0.0	11,308	100.0
	6/20,23	207	M	0	0.0	0	0.0	16	1.0	0	0.0	205	12.1	0	0.0	509	29.9	0	0.0	66	3.9	0	0.0	0	0.0	0	0.0	796	46.9
	(6/19,20,22,23)		F	0	0.0	0	0.0	0	0.0	0	0.0	41	2.4	0	0.0	738	43.5	0	0.0	123	7.2	0	0.0	0	0.0	0	0.0	902	53.1
			Subtotal	0	0.0	0	0.0	16	1.0	0	0.0	246	14.5	0	0.0	1,247	73.4	0	0.0	189	11.1	0	0.0	0	0.0	0	0.0	1,698	100.0
	Season	654	M	0	0.0	0	0.0	16	0.1	0	0.0	1,880	6.4	0	0.0	8,950	30.5	0	0.0	2,129	7.2	0	0.0	0	0.0	0	0.0	12,976	44.2
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	534	1.8	0	0.0	12,899	43.9	0	0.0	2,958	10.1	0	0.0	0	0.0	0	0.0	16,391	55.8
			Total	0	0.0	0	0.0	16	0.1	0	0.0	2,414	8.2	0	0.0	21,849	74.4	0	0.0	5,087	17.3	0	0.0	0	0.0	0	0.0	29,367	100.0
1968	6/6-7	77	M	0	0.0	0	0.0	18	1.3	0	0.0	228	16.9	0	0.0	351	26.0	0	0.0	35	2.6	0	0.0	0	0.0	0	0.0	631	46.8
	(6/6-7)		F	0	0.0	0	0.0	0	0.0	0	0.0	105	7.8	0	0.0	403	29.8	0	0.0	210	15.6	0	0.0	0	0.0	0	0.0	719	53.2
			Subtotal	0	0.0	0	0.0	18	1.3	0	0.0	333	24.7	0	0.0	754	55.8	0	0.0	245	18.2	0	0.0	0	0.0	0	0.0	1,350	100.0
	6/11,13,14	184	M	0	0.0	0	0.0	470	3.3	0	0.0	2,509	17.4	0	0.0	2,901	20.1	313	2.2	1,960	13.6	79	0.6	0	0.0	0	0.0	8,233	57.1
	(6/10-11,13,14)		F	0	0.0	0	0.0	0	0.0	0	0.0	706	4.9	0	0.0	3,528	24.5	157	1.1	1,725	11.9	78	0.5	0	0.0	0	0.0	6,194	42.9
			Subtotal	0	0.0	0	0.0	470	3.3	0	0.0	3,215	22.3	0	0.0	6,429	44.6	470	3.3	3,685	25.5	157	1.1	0	0.0	0	0.0	14,427	100.0
	6/18,21	202	M	0	0.0	0	0.0	806	5.9	0	0.0	3,159	23.2	0	0.0	2,957	21.8	202	1.5	672	5.0	0	0.0	0	0.0	0	0.0	7,796	57.4
	(6/17,18,20,21)		F	0	0.0	0	0.0	0	0.0	0	0.0	403	3.0	0	0.0	4,032	29.7	0	0.0	1,277	9.4	67	0.5	0	0.0	0	0.0	5,779	42.6
			Subtotal	0	0.0	0	0.0	806	5.9	0	0.0	3,562	26.2	0	0.0	6,989	51.5	202	1.5	1,949	14.4	67	0.5	0	0.0	0	0.0	13,575	100.0
	6/25	77	M	0	0.0	0	0.0	0	0.0	0	0.0	1,171	28.6	0	0.0	1,118	27.3	0	0.0	266	6.5	0	0.0	0	0.0	0	0.0	2,555	62.3
	(6/24-25)		F	0	0.0	0	0.0	0	0.0	0	0.0	107	2.6	0	0.0	1,171	28.5	0	0.0	213	5.2	53	1.3	0	0.0	0	0.0	1,544	37.7
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	1,278	31.2	0	0.0	2,289	55.8	0	0.0	479	11.7	53	1.3	0	0.0	0	0.0	4,099	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 3 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	Season	540	M	0	0.0	0	0.0	1,294	3.9	0	0.0	7,067	21.1	0	0.0	7,326	21.9	515	1.5	2,934	8.8	78	0.2	0	0.0	0	0.0	19,215	57.4
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	1,320	4.0	0	0.0	9,135	27.3	157	0.5	3,425	10.2	199	0.6	0	0.0	0	0.0	14,236	42.6
			Total	0	0.0	0	0.0	1,294	3.9	0	0.0	8,387	25.1	0	0.0	16,461	49.2	672	2.0	6,359	19.0	277	0.8	0	0.0	0	0.0	33,451	100.0
1971	6/15	117	M	0	0.0	0	0.0	0	0.0	0	0.0	479	19.6	0	0.0	771	31.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,249	51.3
	(6/14,15)		F	0	0.0	0	0.0	0	0.0	0	0.0	62	2.6	0	0.0	1,124	46.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,187	48.7
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	541	22.2	0	0.0	1,895	77.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,436	100.0
	6/18	201	M	0	0.0	0	0.0	0	0.0	0	0.0	1,811	16.4	0	0.0	3,018	27.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,829	43.8
	(6/17,18)		F	0	0.0	0	0.0	0	0.0	0	0.0	713	6.5	0	0.0	5,322	48.2	0	0.0	165	1.5	0	0.0	0	0.0	0	0.0	6,200	56.2
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	2,524	22.9	0	0.0	8,340	75.6	0	0.0	165	1.5	0	0.0	0	0.0	0	0.0	11,029	100.0
	6/22	188	M	0	0.0	0	0.0	0	0.0	0	0.0	2,035	16.5	0	0.0	2,887	23.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,922	39.9
	(6/21,22)		F	0	0.0	0	0.0	0	0.0	0	0.0	656	5.3	0	0.0	6,759	54.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7,415	60.1
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	2,691	21.8	0	0.0	9,646	78.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12,337	100.0
	6/25	185	M	0	0.0	0	0.0	0	0.0	0	0.0	2,080	21.6	0	0.0	2,756	28.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,835	50.3
	(6/24,25)		F	0	0.0	0	0.0	0	0.0	0	0.0	364	3.8	0	0.0	4,419	45.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,784	49.7
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	2,444	25.4	0	0.0	7,175	74.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9,619	100.0
	6/28,7/2,6	100	M	0	0.0	0	0.0	1,086	45.0	24	1.0	386	16.0	0	0.0	362	15.0	0	0.0	73	3.0	0	0.0	0	0.0	0	0.0	1,931	80.0
	(6/28,29,7/1,2,5,6,8,9,12		F	0	0.0	0	0.0	24	1.0	0	0.0	121	5.0	0	0.0	314	13.0	0	0.0	24	1.0	0	0.0	0	0.0	0	0.0	483	20.0
	15,16,8/10,17,18,24,27)		Subtotal	0	0.0	0	0.0	1,110	46.0	24	1.0	507	21.0	0	0.0	676	28.0	0	0.0	97	4.0	0	0.0	0	0.0	0	0.0	2,414	100.0
	Season	791	M	0	0.0	0	0.0	1,086	2.9	24	0.1	6,790	17.9	0	0.0	9,794	25.9	0	0.0	72	0.2	0	0.0	0	0.0	0	0.0	17,766	47.0
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	24	0.0	0	0.0	1,917	5.1	0	0.0	17,939	47.4	0	0.0	189	0.5	0	0.0	0	0.0	0	0.0	20,069	53.0
			Total	0	0.0	0	0.0	1,110	2.9	24	0.1	8,707	23.0	0	0.0	27,733	73.3	0	0.0	261	0.7	0	0.0	0	0.0	0	0.0	37,835	100.0
1972	6/16	49	M	0	0.0	0	0.0	0	0.0	0	0.0	279	10.2	0	0.0	837	30.6	0	0.0	56	2.1	0	0.0	0	0.0	0	0.0	1,172	42.9
	(6/15-16)		F	0	0.0	0	0.0	0	0.0	0	0.0	223	8.2	0	0.0	1,284	47.0	0	0.0	56	2.0	0	0.0	0	0.0	0	0.0	1,563	57.1
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	502	18.4	0	0.0	2,121	77.6	0	0.0	112	4.1	0	0.0	0	0.0	0	0.0	2,735	100.0
	6/20	148	M	0	0.0	0	0.0	0	0.0	0	0.0	981	11.5	0	0.0	3,345	39.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,325	50.7
	(6/19-20)		F	0	0.0	0	0.0	0	0.0	0	0.0	288	3.4	0	0.0	3,460	40.5	0	0.0	461	5.4	0	0.0	0	0.0	0	0.0	4,210	49.3
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	1,269	14.9	0	0.0	6,805	79.7	0	0.0	461	5.4	0	0.0	0	0.0	0	0.0	8,535	100.0
	6/23	154	M	0	0.0	0	0.0	0	0.0	0	0.0	3,169	22.1	0	0.0	4,288	29.9	0	0.0	93	0.7	0	0.0	0	0.0	0	0.0	7,551	52.6
	(6/22-23)		F	0	0.0	0	0.0	0	0.0	0	0.0	373	2.6	0	0.0	6,153	42.8	0	0.0	280	1.9	0	0.0	0	0.0	0	0.0	6,805	47.4
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	3,542	24.7	0	0.0	10,441	72.7	0	0.0	373	2.6	0	0.0	0	0.0	0	0.0	14,356	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 4 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	6/27,8/9 [h]	149	M	0	0.0	0	0.0	0	0.0	0	0.0	1,801	13.4	0	0.0	3,961	29.6	0	0.0	540	4.0	0	0.0	0	0.0	0	0.0	6,302	47.0
	(6/26-27,29-30,7/3-4,		F	0	0.0	0	0.0	0	0.0	0	0.0	810	6.1	0	0.0	5,852	43.6	0	0.0	450	3.4	0	0.0	0	0.0	0	0.0	7,112	53.0
	6-7,10-11,13-14,		Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	2,611	19.5	0	0.0	9,813	73.2	0	0.0	990	7.4	0	0.0	0	0.0	0	0.0	13,414	100.0
	8/3-4,7,9,11,15,16,22)																												
	(Restricted Mesh Size)																												
	Total	351	M	0	0.0	0	0.0	0	0.0	0	0.0	4,429	17.3	0	0.0	8,470	33.1	0	0.0	149	0.6	0	0.0	0	0.0	0	0.0	13,048	50.9
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	884	3.4	0	0.0	10,897	42.5	0	0.0	797	3.1	0	0.0	0	0.0	0	0.0	12,578	49.1
			Total	0	0.0	0	0.0	0	0.0	0	0.0	5,313	20.7	0	0.0	19,367	75.6	0	0.0	946	3.7	0	0.0	0	0.0	0	0.0	25,626	100.0
	Total	149	M	0	0.0	0	0.0	0	0.0	0	0.0	1,801	13.4	0	0.0	3,961	29.6	0	0.0	540	4.0	0	0.0	0	0.0	0	0.0	6,302	47.0
	(Restricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	810	6.1	0	0.0	5,852	43.6	0	0.0	450	3.4	0	0.0	0	0.0	0	0.0	7,112	53.0
			Total	0	0.0	0	0.0	0	0.0	0	0.0	2,611	19.5	0	0.0	9,813	73.2	0	0.0	990	7.4	0	0.0	0	0.0	0	0.0	13,414	100.0
	Season	500	M	0	0.0	0	0.0	0	0.0	0	0.0	6,229	16.0	0	0.0	12,432	31.8	0	0.0	689	1.8	0	0.0	0	0.0	0	0.0	19,350	49.6
	(Restricted & Unrestricted		F	0	0.0	0	0.0	0	0.0	0	0.0	1,695	4.3	0	0.0	16,748	42.9	0	0.0	1,247	3.2	0	0.0	0	0.0	0	0.0	19,690	50.4
	Mesh Size)		Total	0	0.0	0	0.0	0	0.0	0	0.0	7,924	20.3	0	0.0	29,180	74.7	0	0.0	1,936	5.0	0	0.0	0	0.0	0	0.0	39,040	100.0
1973	6/8	17	M	0	0.0	0	0.0	0	0.0	0	0.0	1,323	47.1	0	0.0	330	11.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,653	58.8
	(6/3-4,6-8)		F	0	0.0	0	0.0	0	0.0	0	0.0	661	23.5	0	0.0	496	17.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,157	41.2
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	1,984	70.6	0	0.0	826	29.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,810	100.0
	6/12	139	M	0	0.0	0	0.0	214	2.9	0	0.0	1,174	15.8	0	0.0	2,028	27.3	0	0.0	160	2.2	0	0.0	0	0.0	0	0.0	3,576	48.2
	(6/11-12)		F	0	0.0	0	0.0	53	0.7	0	0.0	1,335	18.0	0	0.0	2,402	32.4	0	0.0	53	0.7	0	0.0	0	0.0	0	0.0	3,843	51.8
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	267	3.6	0	0.0	2,509	33.8	0	0.0	4,430	59.7	0	0.0	213	2.9	0	0.0	0	0.0	0	0.0	7,419	100.0
	6/15	109	M	0	0.0	0	0.0	70	0.9	0	0.0	837	11.0	0	0.0	1,744	22.9	0	0.0	140	1.8	0	0.0	0	0.0	0	0.0	2,791	36.7
	(6/14-15)		F	0	0.0	0	0.0	70	0.9	0	0.0	977	12.9	0	0.0	3,489	45.9	0	0.0	279	3.7	0	0.0	0	0.0	0	0.0	4,815	63.3
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	140	1.8	0	0.0	1,814	23.9	0	0.0	5,233	68.8	0	0.0	419	5.5	0	0.0	0	0.0	0	0.0	7,606	100.0
	6/19	181	M	0	0.0	0	0.0	288	2.8	0	0.0	921	8.8	0	0.0	2,705	26.0	0	0.0	460	4.4	0	0.0	0	0.0	0	0.0	4,374	42.0
	(6/18-19)		F	0	0.0	0	0.0	0	0.0	0	0.0	57	0.6	0	0.0	5,065	48.6	0	0.0	921	8.9	0	0.0	0	0.0	0	0.0	6,043	58.0
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	288	2.8	0	0.0	978	9.4	0	0.0	7,770	74.6	0	0.0	1,381	13.3	0	0.0	0	0.0	0	0.0	10,417	100.0
	6/27 [h]	24	M	0	0.0	0	0.0	0	0.0	0	0.0	488	20.8	0	0.0	781	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,269	54.2
	(6/25-26,28-29,7/2,		F	0	0.0	0	0.0	0	0.0	0	0.0	98	4.2	0	0.0	976	41.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,073	45.8
	3,5-6,9-10,8/2,3,6-10,		Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	586	25.0	0	0.0	1,757	75.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,342	100.0
	15,16,21,22,29)																												
	(Restricted Mesh Size)																												
	Total	446	M	0	0.0	0	0.0	572	2.0	0	0.0	4,255	15.1	0	0.0	6,807	24.1	0	0.0	760	2.7	0	0.0	0	0.0	0	0.0	12,394	43.9
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	123	0.4	0	0.0	3,030	10.7	0	0.0	11,452	40.5	0	0.0	1,253	4.4	0	0.0	0	0.0	0	0.0	15,858	56.1
			Total	0	0.0	0	0.0	695	2.5	0	0.0	7,285	25.8	0	0.0	18,259	64.6	0	0.0	2,013	7.1	0	0.0	0	0.0	0	0.0	28,252	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 5 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	Total	24	M	0	0.0	0	0.0	0	0.0	0	0.0	488	20.8	0	0.0	781	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,269	54.2
	(Restricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	98	4.2	0	0.0	976	41.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,073	45.8
			Total	0	0.0	0	0.0	0	0.0	0	0.0	586	25.0	0	0.0	1,757	75.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,342	100.0
	Season	470	M	0	0.0	0	0.0	571	1.9	0	0.0	4,743	15.5	0	0.0	7,589	24.8	0	0.0	760	2.5	0	0.0	0	0.0	0	0.0	13,663	44.7
	(Restricted & Unrestricted		F	0	0.0	0	0.0	123	0.4	0	0.0	3,127	10.2	0	0.0	12,427	40.6	0	0.0	1,253	4.1	0	0.0	0	0.0	0	0.0	16,931	55.3
	Mesh Size)		Total	0	0.0	0	0.0	694	2.3	0	0.0	7,870	25.7	0	0.0	20,016	65.4	0	0.0	2,013	6.6	0	0.0	0	0.0	0	0.0	30,594	100.0
1974	6/28,30,7/5	42	M		0.0		0.0		38.1		0.0		45.2		0.0		7.1		0.0		2.4		0.0		0.0		0.0		92.9
			F		0.0		0.0		0.0		0.0		0.0		0.0		2.4		0.0		4.7		0.0		0.0		0.0		7.1
	Season [g]		Total		0.0		0.0		38.1		0.0		45.2		0.0		9.5		0.0		7.1		0.0		0.0		0.0	17,666	100.0
1975	Season [f g]		M			Samples Incomplete																							
			F																										
			Total																										
1976	Season [f g]		M			No Data																							
			F																										
			Total																										
1977	6/15	107	M	0	0.0	0	0.0	118	0.9	0	0.0	2,837	22.4	0	0.0	5,794	45.8	0	0.0	118	0.9	0	0.0	0	0.0	0	0.0	8,868	70.1
	(6/15)		F	0	0.0	0	0.0	0	0.0	0	0.0	355	2.8	0	0.0	3,074	24.3	0	0.0	355	2.8	0	0.0	0	0.0	0	0.0	3,783	29.9
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	118	0.9	0	0.0	3,192	25.2	0	0.0	8,868	70.1	0	0.0	473	3.7	0	0.0	0	0.0	0	0.0	12,651	100.0
	6/20	100	M	0	0.0	0	0.0	0	0.0	0	0.0	5,112	31.0	0	0.0	4,947	30.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10,060	61.0
	(6/20)		F	0	0.0	0	0.0	0	0.0	0	0.0	495	3.0	0	0.0	5,937	36.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6,431	39.0
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	5,607	34.0	0	0.0	10,884	66.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	16,491	100.0
	6/27,30,7/4,7,15 [h]	27	M	0	0.0	0	0.0	110	3.7	0	0.0	771	25.9	0	0.0	661	22.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,543	51.9
	(6/27,30,7/4,7,14,		F	0	0.0	0	0.0	0	0.0	0	0.0	441	14.8	0	0.0	551	18.5	0	0.0	441	14.8	0	0.0	0	0.0	0	0.0	1,432	48.1
	8/1,2,8,9,10,15,16		Subtotal	0	0.0	0	0.0	110	3.7	0	0.0	1,212	40.7	0	0.0	1,212	40.7	0	0.0	441	14.8	0	0.0	0	0.0	0	0.0	2,975	100.0
	18,22,25,29)																												
	(Restricted Mesh Size)																												
	Total	207	M	0	0.0	0	0.0	118	0.4	0	0.0	7,949	27.3	0	0.0	10,741	36.9	0	0.0	118	0.4	0	0.0	0	0.0	0	0.0	18,928	65.0
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	850	2.9	0	0.0	9,011	30.9	0	0.0	355	1.2	0	0.0	0	0.0	0	0.0	10,214	35.0
			Total	0	0.0	0	0.0	118	0.4	0	0.0	8,799	30.2	0	0.0	19,752	67.8	0	0.0	473	1.6	0	0.0	0	0.0	0	0.0	29,142	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 6 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	Total	27	M	0	0.0	0	0.0	110	3.7	0	0.0	771	25.9	0	0.0	661	22.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,543	51.9
	(Restricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	441	14.8	0	0.0	551	18.5	0	0.0	441	14.8	0	0.0	0	0.0	0	0.0	1,432	48.1
			Total	0	0.0	0	0.0	110	3.7	0	0.0	1,212	40.7	0	0.0	1,212	40.7	0	0.0	441	14.8	0	0.0	0	0.0	0	0.0	2,975	100.0
	Season	234	M	0	0.0	0	0.0	228	0.7	0	0.0	8,721	27.2	0	0.0	11,402	35.5	0	0.0	118	0.3	0	0.0	0	0.0	0	0.0	20,470	63.7
	(Restricted & Unrestricted		F	0	0.0	0	0.0	0	0.0	0	0.0	1,290	4.0	0	0.0	9,562	29.8	0	0.0	796	2.5	0	0.0	0	0.0	0	0.0	11,647	36.3
	Mesh Size)		Total	0	0.0	0	0.0	228	0.7	0	0.0	10,011	31.2	0	0.0	20,964	65.3	0	0.0	914	2.8	0	0.0	0	0.0	0	0.0	32,117	100.0
1978	6/9	101	M	0	0.0	0	0.0	76	1.0	0	0.0	841	10.9	0	0.0	2,753	35.7	0	0.0	535	6.9	0	0.0	0	0.0	0	0.0	4,206	54.5
	(6/9)		F	0	0.0	0	0.0	0	0.0	0	0.0	230	3.0	0	0.0	2,906	37.6	0	0.0	383	5.0	0	0.0	0	0.0	0	0.0	3,518	45.5
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	76	1.0	0	0.0	1,071	13.9	0	0.0	5,659	73.3	0	0.0	918	11.9	0	0.0	0	0.0	0	0.0	7,724	100.0
	6/14,16	92	M	0	0.0	0	0.0	0	0.0	0	0.0	602	3.3	0	0.0	7,828	42.4	0	0.0	602	3.2	0	0.0	0	0.0	0	0.0	9,033	48.9
	(6/14,16)		F	0	0.0	0	0.0	0	0.0	0	0.0	803	4.3	0	0.0	8,230	44.6	0	0.0	402	2.2	0	0.0	0	0.0	0	0.0	9,434	51.1
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	1,405	7.6	0	0.0	16,058	87.0	0	0.0	1,004	5.4	0	0.0	0	0.0	0	0.0	18,467	100.0
	6/22-23 [h]	96	M	0	0.0	0	0.0	0	0.0	0	0.0	2,074	11.5	0	0.0	3,205	17.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,279	29.2
	(6/22-23,26,29,7/3,		F	0	0.0	0	0.0	0	0.0	0	0.0	1,131	6.2	0	0.0	11,500	63.6	0	0.0	189	1.0	0	0.0	0	0.0	0	0.0	12,819	70.8
	6,10,13,8/1,4,8,11		Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	3,205	17.7	0	0.0	14,705	81.3	0	0.0	189	1.0	0	0.0	0	0.0	0	0.0	18,098	100.0
	15,18,22,25,29) (Restricted Mesh Size)																												
	Season [f g]	289	M	0	0.0	0	0.0	76	0.2	0	0.0	3,517	7.9	0	0.0	13,786	31.1	0	0.0	1,138	2.6	0	0.0	0	0.0	0	0.0	18,517	41.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	2,164	4.9	0	0.0	22,636	51.1	0	0.0	972	2.2	0	0.0	0	0.0	0	0.0	25,772	58.2
			Total	0	0.0	0	0.0	76	0.2	0	0.0	5,681	12.8	0	0.0	36,422	82.2	0	0.0	2,110	4.8	0	0.0	0	0.0	0	0.0	44,289	100.0
1979	Season	0	M	W-1 Chinook, commercial catch from fish tickets 4,135. AMR commercial catch reports 36,053.																									
			F																										
			Total																										
1980	6/12	103	M	0	0.0	0	0.0	97	1.0	0	0.0	5,460	54.4	0	0.0	1,560	15.5	0	0.0	98	1.0	0	0.0	0	0.0	0	0.0	7,215	71.8
	(6/12)		F	0	0.0	0	0.0	0	0.0	0	0.0	877	8.7	0	0.0	1,852	18.5	0	0.0	97	0.9	0	0.0	0	0.0	0	0.0	2,827	28.2
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	97	1.0	0	0.0	6,337	63.1	0	0.0	3,412	34.0	0	0.0	195	1.9	0	0.0	0	0.0	0	0.0	10,042	100.0
	6/18	110	M	0	0.0	0	0.0	924	5.5	0	0.0	9,082	53.6	0	0.0	1,385	8.2	0	0.0	308	1.8	0	0.0	0	0.0	0	0.0	11,699	69.1
	(6/18)		F	0	0.0	0	0.0	154	0.9	0	0.0	3,541	20.9	0	0.0	1,078	6.3	0	0.0	462	2.7	0	0.0	0	0.0	0	0.0	5,234	30.9
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	1,078	6.4	0	0.0	12,623	74.5	0	0.0	2,463	14.5	0	0.0	770	4.5	0	0.0	0	0.0	0	0.0	16,933	100.0
	6/23	36	M	0	0.0	0	0.0	1,583	33.3	0	0.0	1,583	33.3	0	0.0	132	2.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,299	69.4
	(6/23)		F	0	0.0	0	0.0	0	0.0	0	0.0	528	11.1	0	0.0	792	16.6	0	0.0	132	2.8	0	0.0	0	0.0	0	0.0	1,451	30.6
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	1,583	33.3	0	0.0	2,111	44.4	0	0.0	924	19.4	0	0.0	132	2.8	0	0.0	0	0.0	0	0.0	4,750	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 7 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	6/26,7/2,9	24	M	0	0.0	0	0.0	999	37.5	0	0.0	1,111	41.7	0	0.0	111	4.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,221	83.3
	(6/26,7/2,9,8/4,7,		F	0	0.0	0	0.0	0	0.0	0	0.0	222	8.3	0	0.0	222	8.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	444	16.7
	11,14,18,21,25,28)		Subtotal	0	0.0	0	0.0	999	37.5	0	0.0	1,333	50.0	0	0.0	333	12.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,665	100.0
	(Restricted Mesh Size)																												
	Total	249	M	0	0.0	0	0.0	2,604	8.2	0	0.0	16,125	50.8	0	0.0	3,077	9.7	0	0.0	406	1.3	0	0.0	0	0.0	0	0.0	22,213	70.0
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	154	0.5	0	0.0	4,946	15.6	0	0.0	3,722	11.7	0	0.0	691	2.2	0	0.0	0	0.0	0	0.0	9,512	30.0
			Total	0	0.0	0	0.0	2,758	8.7	0	0.0	21,071	66.4	0	0.0	6,799	21.4	0	0.0	1,097	3.5	0	0.0	0	0.0	0	0.0	31,725	100.0
	Total	24	M	0	0.0	0	0.0	999	37.5	0	0.0	1,111	41.7	0	0.0	111	4.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,221	83.3
	(Restricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	222	8.3	0	0.0	222	8.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	444	16.7
			Total	0	0.0	0	0.0	999	37.5	0	0.0	1,333	50.0	0	0.0	333	12.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,665	100.0
	Season	273	M	0	0.0	0	0.0	3,604	10.5	0	0.0	17,236	50.1	0	0.0	3,188	9.3	0	0.0	406	1.2	0	0.0	0	0.0	0	0.0	24,433	71.0
	(Restricted & Unrestricted		F	0	0.0	0	0.0	154	0.4	0	0.0	5,168	15.0	0	0.0	3,944	11.4	0	0.0	691	2.0	0	0.0	0	0.0	0	0.0	9,957	29.0
	Mesh Size)		Total	0	0.0	0	0.0	3,758	10.9	0	0.0	22,404	65.1	0	0.0	7,132	20.7	0	0.0	1,097	3.2	0	0.0	0	0.0	0	0.0	34,390	100.0
1981	6/10	183	M	0	0.0	0	0.0	195	1.6	0	0.0	3,386	28.4	0	0.0	2,930	24.6	0	0.0	130	1.1	0	0.0	0	0.0	0	0.0	6,641	55.7
	(6/10)		F	0	0.0	0	0.0	0	0.0	0	0.0	781	6.6	0	0.0	3,776	31.7	0	0.0	716	6.0	0	0.0	0	0.0	0	0.0	5,273	44.3
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	195	1.6	0	0.0	4,167	35.0	0	0.0	6,706	56.3	0	0.0	846	7.1	0	0.0	0	0.0	0	0.0	11,914	100.0
	6/16	173	M	0	0.0	0	0.0	311	1.7	0	0.0	8,099	45.1	0	0.0	1,973	11.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10,383	57.8
	(6/16)		F	0	0.0	0	0.0	0	0.0	0	0.0	519	2.9	0	0.0	6,749	37.6	0	0.0	311	1.7	0	0.0	0	0.0	0	0.0	7,580	42.2
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	311	1.7	0	0.0	8,618	48.0	0	0.0	8,722	48.6	0	0.0	311	1.7	0	0.0	0	0.0	0	0.0	17,963	100.0
	6/22	54	M	0	0.0	0	0.0	923	24.1	0	0.0	1,278	33.3	0	0.0	710	18.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,910	75.9
	(6/22)		F	0	0.0	0	0.0	0	0.0	0	0.0	71	1.9	0	0.0	781	20.4	0	0.0	71	1.9	0	0.0	0	0.0	0	0.0	923	24.1
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	923	24.1	0	0.0	1,349	35.2	0	0.0	1,491	38.9	0	0.0	71	1.9	0	0.0	0	0.0	0	0.0	3,833	100.0
	6/25,29,7/2,6,9	57	M	0	0.0	0	0.0	1,809	21.1	0	0.0	2,563	29.8	0	0.0	1,507	17.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,879	68.4
	(6/25,26,29,7/2,6,9,8/3,		F	0	0.0	0	0.0	0	0.0	0	0.0	452	5.3	0	0.0	2,111	24.6	0	0.0	151	1.8	0	0.0	0	0.0	0	0.0	2,714	31.6
	6,10,13,17,20,24,27,31)		Subtotal	0	0.0	0	0.0	1,809	21.1	0	0.0	3,015	35.1	0	0.0	3,618	42.1	0	0.0	151	1.8	0	0.0	0	0.0	0	0.0	8,593	100.0
	(Restricted Mesh Size)																												
	Total	410	M	0	0.0	0	0.0	1,429	4.2	0	0.0	12,763	37.9	0	0.0	5,613	16.7	0	0.0	130	0.4	0	0.0	0	0.0	0	0.0	19,934	59.1
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	1,371	4.1	0	0.0	11,306	33.5	0	0.0	1,098	3.3	0	0.0	0	0.0	0	0.0	13,776	40.9
			Total	0	0.0	0	0.0	1,429	4.2	0	0.0	14,134	41.9	0	0.0	16,919	50.2	0	0.0	1,228	3.6	0	0.0	0	0.0	0	0.0	33,710	100.0
	Total	57	M	0	0.0	0	0.0	1,809	21.1	0	0.0	2,563	29.8	0	0.0	1,507	17.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,879	68.4
	(Restricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	452	5.3	0	0.0	2,111	24.6	0	0.0	151	1.8	0	0.0	0	0.0	0	0.0	2,714	31.6
			Total	0	0.0	0	0.0	1,809	21.1	0	0.0	3,015	35.1	0	0.0	3,618	42.1	0	0.0	151	1.8	0	0.0	0	0.0	0	0.0	8,593	100.0
	Season	467	M	0	0.0	0	0.0	3,239	7.7	0	0.0	15,325	36.2	0	0.0	7,120	16.8	0	0.0	130	0.3	0	0.0	0	0.0	0	0.0	25,813	61.0
	(Restricted & Unrestricted		F	0	0.0	0	0.0	0	0.0	0	0.0	1,823	4.3	0	0.0	13,416	31.7	0	0.0	1,250	3.0	0	0.0	0	0.0	0	0.0	16,490	39.0
	Mesh Size)		Total	0	0.0	0	0.0	3,239	7.7	0	0.0	17,148	40.5	0	0.0	20,536	48.5	0	0.0	1,380	3.3	0	0.0	0	0.0	0	0.0	42,303	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 8 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1982	6/14	99	M	0	0.0	0	0.0	50	1.0	0	0.0	843	17.2	0	0.0	1,834	37.4	0	0.0	0	0.0	50	1.0	0	0.0	0	0.0	2,776	56.6
	(6/14)		F	0	0.0	0	0.0	49	1.0	0	0.0	49	1.0	0	0.0	1,784	36.3	0	0.0	248	5.1	0	0.0	0	0.0	0	0.0	2,131	43.4
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	99	2.0	0	0.0	892	18.2	0	0.0	3,618	73.7	0	0.0	248	5.1	50	1.0	0	0.0	0	0.0	4,907	100.0
	6/17	165	M	0	0.0	0	0.0	339	3.0	0	0.0	2,505	22.4	0	0.0	3,318	29.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6,161	55.2
	(6/17)		F	0	0.0	0	0.0	0	0.0	0	0.0	68	0.6	0	0.0	4,468	40.0	0	0.0	474	4.2	0	0.0	0	0.0	0	0.0	5,010	44.8
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	339	3.0	0	0.0	2,573	23.0	0	0.0	7,786	69.7	0	0.0	474	4.2	0	0.0	0	0.0	0	0.0	11,171	100.0
	6/21	165	M	0	0.0	0	0.0	488	3.6	0	0.0	2,687	20.0	0	0.0	4,315	32.1	0	0.0	81	0.6	0	0.0	0	0.0	0	0.0	7,571	56.4
	(6/21)		F	0	0.0	0	0.0	0	0.0	0	0.0	244	1.8	0	0.0	5,617	41.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,862	43.6
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	488	3.6	0	0.0	2,931	21.8	0	0.0	9,932	73.9	0	0.0	81	0.6	0	0.0	0	0.0	0	0.0	13,433	100.0
	6/24	161	M	0	0.0	54	0.6	806	9.3	0	0.0	2,204	25.5	0	0.0	2,042	23.6	0	0.0	54	0.6	0	0.0	0	0.0	0	0.0	5,160	59.6
	(6/24)		F	0	0.0	0	0.0	0	0.0	0	0.0	269	3.1	0	0.0	2,849	32.9	0	0.0	376	4.4	0	0.0	0	0.0	0	0.0	3,494	40.4
	(Unrestricted Mesh Size)		Subtotal	0	0.0	54	0.6	806	9.3	0	0.0	2,473	28.6	0	0.0	4,891	56.5	0	0.0	430	5.0	0	0.0	0	0.0	0	0.0	8,654	100.0
	6/28,30,7/5,8,12,8/19	125	M	0	0.0	61	0.8	3,053	40.0	0	0.0	1,466	19.2	0	0.0	733	9.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,313	69.6
	(6/28,30,7/2,5,8,12,29,		F	0	0.0	0	0.0	0	0.0	0	0.0	305	4.0	0	0.0	1,954	25.6	0	0.0	61	0.8	0	0.0	0	0.0	0	0.0	2,320	30.4
	8/2,5,9,12,16,19,23,26,30)		Subtotal	0	0.0	61	0.8	3,053	40.0	0	0.0	1,771	23.2	0	0.0	2,687	35.2	0	0.0	61	0.8	0	0.0	0	0.0	0	0.0	7,633	100.0
	(Restricted Mesh Size)																												
	Total	590	M	0	0.0	54	0.1	1,683	4.4	0	0.0	8,239	21.6	0	0.0	11,509	30.2	0	0.0	135	0.4	50	0.1	0	0.0	0	0.0	21,668	56.8
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	49	0.1	0	0.0	630	1.7	0	0.0	14,718	38.6	0	0.0	1,098	2.9	0	0.0	0	0.0	0	0.0	16,497	43.2
			Total	0	0.0	54	0.1	1,732	4.5	0	0.0	8,869	23.2	0	0.0	26,227	68.7	0	0.0	1,233	3.2	50	0.1	0	0.0	0	0.0	38,165	100.0
	Total	125	M	0	0.0	61	0.8	3,053	40.0	0	0.0	1,466	19.2	0	0.0	733	9.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,313	69.6
	(Restricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	305	4.0	0	0.0	1,954	25.6	0	0.0	61	0.8	0	0.0	0	0.0	0	0.0	2,320	30.4
			Total	0	0.0	61	0.8	3,053	40.0	0	0.0	1,771	23.2	0	0.0	2,687	35.2	0	0.0	61	0.8	0	0.0	0	0.0	0	0.0	7,633	100.0
	Season	715	M	0	0.0	115	0.3	4,736	10.3	0	0.0	9,703	21.2	0	0.0	12,242	26.7	0	0.0	135	0.3	50	0.1	0	0.0	0	0.0	26,981	58.9
	(Restricted & Unrestricted		F	0	0.0	0	0.0	50	0.1	0	0.0	936	2.0	0	0.0	16,673	36.4	0	0.0	1,159	2.5	0	0.0	0	0.0	0	0.0	18,817	41.1
	Mesh Size)		Total	0	0.0	115	0.3	4,786	10.4	0	0.0	10,639	23.2	0	0.0	28,915	63.1	0	0.0	1,294	2.8	50	0.1	0	0.0	0	0.0	45,798	100.0
1983	6/13	497	M	0	0.0	0	0.0	254	3.4	0	0.0	853	11.5	0	0.0	2,664	35.8	0	0.0	240	3.2	105	1.4	0	0.0	0	0.0	4,116	55.3
	(6/13)		F	0	0.0	0	0.0	0	0.0	0	0.0	210	2.8	0	0.0	2,649	35.6	0	0.0	389	5.3	75	1.0	0	0.0	0	0.0	3,322	44.7
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	254	3.4	0	0.0	1,063	14.3	0	0.0	5,313	71.4	0	0.0	629	8.5	180	2.4	0	0.0	0	0.0	7,438	100.0
	6/16	509	M	0	0.0	12	0.2	141	2.4	0	0.0	762	12.8	0	0.0	1,911	32.0	0	0.0	152	2.6	0	0.0	0	0.0	0	0.0	2,978	49.9
	(6/16)		F	0	0.0	0	0.0	0	0.0	0	0.0	293	4.9	0	0.0	2,392	40.1	0	0.0	305	5.1	0	0.0	0	0.0	0	0.0	2,990	50.1
	(Unrestricted Mesh Size)		Subtotal	0	0.0	12	0.2	141	2.4	0	0.0	1,055	17.7	0	0.0	4,303	72.1	0	0.0	457	7.7	0	0.0	0	0.0	0	0.0	5,968	100.0
	6/20,23	132	M	0	0.0	0	0.0	3,238	40.2	0	0.0	1,160	14.4	0	0.0	1,283	15.9	0	0.0	122	1.5	0	0.0	0	0.0	0	0.0	5,803	72.0
	(6/20,23)		F	0	0.0	0	0.0	122	1.5	0	0.0	428	5.3	0	0.0	1,527	18.9	0	0.0	183	2.3	0	0.0	0	0.0	0	0.0	2,260	28.0
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	3,360	41.7	0	0.0	1,588	19.7	0	0.0	2,810	34.8	0	0.0	305	3.8	0	0.0	0	0.0	0	0.0	8,063	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 9 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	6/27-8/1	117	M	0	0.0	455	5.1	2,655	29.9	0	0.0	1,517	17.1	0	0.0	1,593	18.0	0	0.0	76	0.9	0	0.0	0	0.0	0	0.0	6,295	70.9
	(6/27-8/26)		F	0	0.0	0	0.0	0	0.0	0	0.0	683	7.7	0	0.0	1,820	20.5	0	0.0	76	0.8	0	0.0	0	0.0	0	0.0	2,579	29.1
	(Restricted Mesh Size)		Subtotal	0	0.0	455	5.1	2,655	29.9	0	0.0	2,200	24.8	0	0.0	3,413	38.5	0	0.0	152	1.7	0	0.0	0	0.0	0	0.0	8,874	100.0
	Total	1,138	M	0	0.0	12	0.1	3,633	16.9	0	0.0	2,775	12.9	0	0.0	5,858	27.3	0	0.0	514	2.4	105	0.5	0	0.0	0	0.0	12,897	60.1
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	122	0.6	0	0.0	931	4.3	0	0.0	6,568	30.6	0	0.0	877	4.1	75	0.3	0	0.0	0	0.0	8,572	39.9
			Total	0	0.0	12	0.1	3,755	17.5	0	0.0	3,706	17.3	0	0.0	12,426	57.9	0	0.0	1,391	6.5	180	0.8	0	0.0	0	0.0	21,469	100.0
	Total	117	M	0	0.0	455	5.1	2,655	29.9	0	0.0	1,517	17.1	0	0.0	1,593	18.0	0	0.0	76	0.9	0	0.0	0	0.0	0	0.0	6,295	70.9
	(Restricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	683	7.7	0	0.0	1,820	20.5	0	0.0	76	0.8	0	0.0	0	0.0	0	0.0	2,579	29.1
			Total	0	0.0	455	5.1	2,655	29.9	0	0.0	2,200	24.8	0	0.0	3,413	38.5	0	0.0	152	1.7	0	0.0	0	0.0	0	0.0	8,874	100.0
	Season	1,255	M	0	0.0	467	1.5	6,287	20.7	0	0.0	4,293	14.2	0	0.0	7,451	24.6	0	0.0	590	2.0	105	0.3	0	0.0	0	0.0	19,192	63.2
	(Restricted & Unrestricted		F	0	0.0	0	0.0	122	0.4	0	0.0	1,613	5.3	0	0.0	8,388	27.6	0	0.0	953	3.1	75	0.3	0	0.0	0	0.0	11,151	36.8
	Mesh Size)		Total	0	0.0	467	1.5	6,409	21.1	0	0.0	5,906	19.5	0	0.0	15,839	52.2	0	0.0	1,543	5.1	180	0.6	0	0.0	0	0.0	30,343	100.0
1984	6/18	271	M	0	0.0	0	0.0	520	4.8	0	0.0	3,402	31.4	0	0.0	2,281	21.0	80	0.8	400	3.7	120	1.1	0	0.0	0	0.0	6,803	62.7
	(6/18)		F	0	0.0	0	0.0	0	0.0	0	0.0	320	2.9	0	0.0	2,761	25.5	80	0.7	761	7.0	120	1.1	0	0.0	0	0.0	4,042	37.3
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	520	4.8	0	0.0	3,722	34.3	0	0.0	5,042	46.5	160	1.5	1,161	10.7	240	2.2	0	0.0	0	0.0	10,845	100.0
	6/21	270	M	0	0.0	0	0.0	774	12.2	23	0.4	1,737	27.4	23	0.4	1,291	20.4	23	0.4	305	4.8	47	0.7	0	0.0	0	0.0	4,224	66.7
	(6/21)		F	0	0.0	0	0.0	0	0.0	0	0.0	211	3.3	0	0.0	1,455	22.9	0	0.0	329	5.2	117	1.9	0	0.0	0	0.0	2,112	33.3
	(Unrestricted Mesh Size)		Subtotal	0	0.0	0	0.0	774	12.2	23	0.4	1,948	30.7	23	0.4	2,746	43.3	23	0.4	634	10.0	164	2.6	0	0.0	0	0.0	6,336	100.0
	6/25,28,7/2,5,9,12,16	123	M	0	0.0	208	1.6	2,387	18.7	0	0.0	5,190	40.7	104	0.8	1,764	13.8	208	1.6	104	0.8	0	0.0	0	0.0	0	0.0	9,964	78.0
	(6/25,28,7/2,5,9,12,16,		F	0	0.0	0	0.0	0	0.0	0	0.0	830	6.5	0	0.0	1,453	11.4	0	0.0	519	4.1	0	0.0	0	0.0	0	0.0	2,802	22.0
	30,8/2,6,9,13,16,20		Subtotal	0	0.0	208	1.6	2,387	18.7	0	0.0	6,020	47.2	104	0.8	3,217	25.2	208	1.6	623	4.9	0	0.0	0	0.0	0	0.0	12,766	100.0
	23,27,30,9/3) (Restricted Mesh Size)																												
	Total	541	M	0	0.0	0	0.0	1,294	7.5	23	0.1	5,139	29.9	23	0.1	3,572	20.8	103	0.6	705	4.1	167	1.0	0	0.0	0	0.0	11,027	64.2
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	531	3.1	0	0.0	4,216	24.5	80	0.5	1,090	6.3	237	1.4	0	0.0	0	0.0	6,154	35.8
			Total	0	0.0	0	0.0	1,294	7.5	23	0.1	5,670	33.0	23	0.1	7,788	45.3	183	1.1	1,795	10.4	404	2.4	0	0.0	0	0.0	17,181	100.0
	Total	123	M	0	0.0	208	1.6	2,387	18.7	0	0.0	5,190	40.7	104	0.8	1,764	13.8	208	1.6	104	0.8	0	0.0	0	0.0	0	0.0	9,964	78.0
	(Restricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	830	6.5	0	0.0	1,453	11.4	0	0.0	519	4.1	0	0.0	0	0.0	0	0.0	2,802	22.0
			Total	0	0.0	208	1.6	2,387	18.7	0	0.0	6,020	47.2	104	0.8	3,217	25.2	208	1.6	623	4.9	0	0.0	0	0.0	0	0.0	12,766	100.0
	Season	664	M	0	0.0	208	0.7	3,682	12.3	23	0.1	10,327	34.5	127	0.4	5,336	17.8	311	1.0	809	2.7	167	0.6	0	0.0	0	0.0	20,991	70.1
	(Restricted & Unrestricted		F	0	0.0	0	0.0	0	0.0	0	0.0	1,362	4.5	0	0.0	5,669	18.9	80	0.3	1,608	5.4	237	0.8	0	0.0	0	0.0	8,956	29.9
	Mesh Size)		Total	0	0.0	208	0.7	3,682	12.3	23	0.1	11,689	39.0	127	0.4	11,005	36.7	391	1.3	2,417	8.1	404	1.4	0	0.0	0	0.0	29,947	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 10 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1985	6/20	365	M	0	0.0	0	0.0	1,122	17.3	0	0.0	1,674	25.8	18	0.3	926	14.2	0	0.0	143	2.2	0	0.0	0	0.0	0	0.0	3,883	59.7
	(6/20)		F	0	0.0	0	0.0	250	3.8	0	0.0	891	13.7	0	0.0	1,194	18.4	0	0.0	285	4.4	0	0.0	0	0.0	0	0.0	2,619	40.3
			Subtotal	0	0.0	0	0.0	1,372	21.1	0	0.0	2,565	39.5	18	0.3	2,120	32.6	0	0.0	428	6.6	0	0.0	0	0.0	0	0.0	6,502	100.0
	6/24	91	M	0	0.0	0	0.0	2,975	28.6	0	0.0	1,030	9.9	0	0.0	1,373	13.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,378	51.6
	(6/24)		F	0	0.0	0	0.0	801	7.7	0	0.0	915	8.8	0	0.0	2,861	27.5	0	0.0	458	4.4	0	0.0	0	0.0	0	0.0	5,035	48.4
			Subtotal	0	0.0	0	0.0	3,776	36.3	0	0.0	1,945	18.7	0	0.0	4,234	40.7	0	0.0	458	4.4	0	0.0	0	0.0	0	0.0	10,413	100.0
	6/27	88	M	0	0.0	0	0.0	2,897	32.9	0	0.0	2,498	28.4	0	0.0	999	11.4	0	0.0	100	1.1	0	0.0	0	0.0	0	0.0	6,493	73.9
	(6/27)		F	0	0.0	0	0.0	500	5.7	0	0.0	699	8.0	0	0.0	899	10.2	0	0.0	200	2.3	0	0.0	0	0.0	0	0.0	2,298	26.1
			Subtotal	0	0.0	0	0.0	3,397	38.6	0	0.0	3,197	36.4	0	0.0	1,898	21.6	0	0.0	300	3.4	0	0.0	0	0.0	0	0.0	8,791	100.0
	7/1,4	90	M	0	0.0	0	0.0	3,595	34.5	0	0.0	2,319	22.2	116	1.1	1,276	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7,307	70.0
	(7/1,4,8/1,5,8,12,		F	0	0.0	0	0.0	348	3.3	0	0.0	696	6.7	0	0.0	1,971	18.9	0	0.0	116	1.1	0	0.0	0	0.0	0	0.0	3,131	30.0
	15,19,22,26,29)		Subtotal	0	0.0	0	0.0	3,943	37.8	0	0.0	3,015	28.9	116	1.1	3,247	31.1	0	0.0	116	1.1	0	0.0	0	0.0	0	0.0	10,438	100.0
	Season	634	M	0	0.0	0	0.0	10,590	29.3	0	0.0	7,522	20.8	134	0.4	4,574	12.6	0	0.0	242	0.7	0	0.0	0	0.0	0	0.0	23,061	63.8
	(Restricted Mesh Size)		F	0	0.0	0	0.0	1,898	5.2	0	0.0	3,201	8.9	0	0.0	6,925	19.2	0	0.0	1,059	2.9	0	0.0	0	0.0	0	0.0	13,083	36.2
			Total	0	0.0	0	0.0	12,488	34.5	0	0.0	10,723	29.7	134	0.4	11,499	31.8	0	0.0	1,301	3.6	0	0.0	0	0.0	0	0.0	36,144	100.0
1986	6/26	64	M	0	0.0	122	1.6	1,338	17.2	0	0.0	2,920	37.5	0	0.0	973	12.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,353	68.8
	(6/26)		F	0	0.0	0	0.0	0	0.0	0	0.0	973	12.5	0	0.0	1,095	14.1	0	0.0	365	4.7	0	0.0	0	0.0	0	0.0	2,433	31.2
			Subtotal	0	0.0	122	1.6	1,338	17.2	0	0.0	3,893	50.0	0	0.0	2,068	26.6	0	0.0	365	4.7	0	0.0	0	0.0	0	0.0	7,786	100.0
	6/30	43	M	0	0.0	98	2.3	293	7.0	0	0.0	1,660	39.5	0	0.0	390	9.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,442	58.1
	(6/30)		F	0	0.0	0	0.0	98	2.3	0	0.0	684	16.3	0	0.0	684	16.3	0	0.0	293	7.0	0	0.0	0	0.0	0	0.0	1,758	41.9
			Subtotal	0	0.0	98	2.3	391	9.3	0	0.0	2,344	55.8	0	0.0	1,074	25.6	0	0.0	293	7.0	0	0.0	0	0.0	0	0.0	4,200	100.0
	7/3,7,10	34	M	0	0.0	192	2.9	576	8.8	0	0.0	3,646	55.9	0	0.0	384	5.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,797	73.5
	(7/3,7,10,31,8/4,7,11,		F	0	0.0	0	0.0	0	0.0	0	0.0	575	8.8	0	0.0	959	14.7	0	0.0	192	2.9	0	0.0	0	0.0	0	0.0	1,727	26.5
	13,15,18,21,25,9/1)		Subtotal	0	0.0	192	2.9	576	8.8	0	0.0	4,221	64.7	0	0.0	1,343	20.6	0	0.0	192	2.9	0	0.0	0	0.0	0	0.0	6,524	100.0
	Season	141	M	0	0.0	411	2.2	2,207	11.9	0	0.0	8,226	44.4	0	0.0	1,748	9.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12,592	68.0
	(Restricted Mesh Size)		F	0	0.0	0	0.0	98	0.6	0	0.0	2,233	12.1	0	0.0	2,738	14.8	0	0.0	850	4.6	0	0.0	0	0.0	0	0.0	5,918	32.0
			Total	0	0.0	411	2.2	2,305	12.5	0	0.0	10,459	56.5	0	0.0	4,486	24.2	0	0.0	850	4.6	0	0.0	0	0.0	0	0.0	18,510	100.0
1987	6/18	549	M	0	0.0	0	0.0	15,063	45.5	0	0.0	4,278	13.0	0	0.0	6,326	19.1	0	0.0	181	0.6	0	0.0	0	0.0	0	0.0	25,848	78.1
	(6/18-9/7)		F	0	0.0	0	0.0	542	1.7	0	0.0	904	2.7	0	0.0	5,483	16.6	0	0.0	301	0.9	0	0.0	0	0.0	0	0.0	7,230	21.9
	Season		Total	0	0.0	0	0.0	15,605	47.2	0	0.0	5,182	15.7	0	0.0	11,809	35.7	0	0.0	482	1.5	0	0.0	0	0.0	0	0.0	33,078	100.0
	(Restricted Mesh Size)																												

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 11 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1988	6/16	257	M	0	0.0	0	0.0	2,410	19.1	0	0.0	3,738	29.6	0	0.0	738	5.8	0	0.0	295	2.3	0	0.0	0	0.0	0	0.0	7,181	56.8
	(6/16)		F	0	0.0	0	0.0	443	3.5	0	0.0	2,705	21.4	0	0.0	1,574	12.5	0	0.0	738	5.9	0	0.0	0	0.0	0	0.0	5,459	43.2
			Subtotal	0	0.0	0	0.0	2,853	22.6	0	0.0	6,443	51.0	0	0.0	2,312	18.3	0	0.0	1,033	8.2	0	0.0	0	0.0	0	0.0	12,640	100.0
	6/20	289	M	0	0.0	0	0.0	3,241	27.7	0	0.0	2,998	25.6	0	0.0	648	5.5	0	0.0	81	0.7	0	0.0	0	0.0	0	0.0	6,968	59.5
	(6/20)		F	0	0.0	0	0.0	405	3.4	0	0.0	2,633	22.5	0	0.0	1,094	9.4	0	0.0	608	5.2	0	0.0	0	0.0	0	0.0	4,740	40.5
			Subtotal	0	0.0	0	0.0	3,646	31.1	0	0.0	5,631	48.1	0	0.0	1,742	14.9	0	0.0	689	5.9	0	0.0	0	0.0	0	0.0	11,708	100.0
	6/24,28,7/2,5	99	M	0	0.0	0	0.0	9,541	32.3	0	0.0	8,050	27.3	0	0.0	2,683	9.1	0	0.0	298	1.0	0	0.0	0	0.0	0	0.0	20,572	69.7
	(6/24,28,7/2,5,8,11,14,		F	0	0.0	0	0.0	596	2.0	0	0.0	3,578	12.1	0	0.0	3,578	12.1	0	0.0	1,193	4.1	0	0.0	0	0.0	0	0.0	8,944	30.3
	18,21,25,28,8/1,4,8,10,		Subtotal	0	0.0	0	0.0	10,137	34.3	0	0.0	11,628	39.4	0	0.0	6,261	21.2	0	0.0	1,491	5.1	0	0.0	0	0.0	0	0.0	29,516	100.0
	12,15,18,20,27,31)																												
	Season	645	M	0	0.0	0	0.0	15,192	28.2	0	0.0	14,786	27.4	0	0.0	4,069	7.5	0	0.0	674	1.3	0	0.0	0	0.0	0	0.0	34,721	64.5
	(Restricted Mesh Size)		F	0	0.0	0	0.0	1,444	2.7	0	0.0	8,916	16.6	0	0.0	6,246	11.6	0	0.0	2,538	4.7	0	0.0	0	0.0	0	0.0	19,143	35.5
			Total	0	0.0	0	0.0	16,636	30.9	0	0.0	23,702	44.0	0	0.0	10,315	19.1	0	0.0	3,212	6.0	0	0.0	0	0.0	0	0.0	53,864	100.0
1989	6/19	144	M	0	0.0	0	0.0	2,365	25.7	0	0.0	1,214	13.2	128	1.4	2,045	22.2	383	4.2	0	0.0	256	2.8	0	0.0	0	0.0	6,392	69.4
	(6/19)		F	0	0.0	0	0.0	128	1.4	0	0.0	384	4.2	64	0.7	1,854	20.2	0	0.0	128	1.4	255	2.8	0	0.0	0	0.0	2,812	30.6
			Subtotal	0	0.0	0	0.0	2,493	27.1	0	0.0	1,598	17.4	192	2.1	3,899	42.4	383	4.2	128	1.4	511	5.6	0	0.0	0	0.0	9,204	100.0
	6/23	128	M	0	0.0	0	0.0	1,127	18.7	0	0.0	658	10.9	94	1.6	517	8.6	141	2.3	94	1.5	0	0.0	0	0.0	0	0.0	2,630	43.8
	(6/23)		F	0	0.0	0	0.0	1,033	17.2	0	0.0	892	14.9	188	3.1	798	13.3	47	0.8	329	5.5	94	1.6	0	0.0	0	0.0	3,381	56.2
			Subtotal	0	0.0	0	0.0	2,160	35.9	0	0.0	1,550	25.8	282	4.7	1,315	21.9	188	3.1	423	7.0	94	1.6	0	0.0	0	0.0	6,011	100.0
	6/26,30,7/3,5	81	M	0	0.0	0	0.0	8,873	33.3	0	0.0	6,244	23.5	986	3.7	3,615	13.6	0	0.0	986	3.7	329	1.2	0	0.0	0	0.0	21,032	79.0
	(6/26,30,7/3,5,8,11,14,		F	0	0.0	0	0.0	329	1.3	0	0.0	986	3.7	0	0.0	3,615	13.6	0	0.0	657	2.5	0	0.0	0	0.0	0	0.0	5,587	21.0
	18,27,8/3,7,9,12,15,		Subtotal	0	0.0	0	0.0	9,202	34.6	0	0.0	7,230	27.2	986	3.7	7,230	27.2	0	0.0	1,643	6.2	329	1.2	0	0.0	0	0.0	26,619	100.0
	18,23,26,29,9/1,10)																												
	Season	353	M	0	0.0	0	0.0	12,365	29.5	0	0.0	8,116	19.4	1,207	2.9	6,177	14.7	524	1.3	1,080	2.6	584	1.4	0	0.0	0	0.0	30,054	71.8
	(Restricted Mesh Size)		F	0	0.0	0	0.0	1,490	3.6	0	0.0	2,261	5.4	252	0.6	6,267	15.0	47	0.1	1,114	2.6	350	0.8	0	0.0	0	0.0	11,780	28.2
			Total	0	0.0	0	0.0	13,855	33.1	0	0.0	10,377	24.8	1,459	3.5	12,444	29.7	571	1.4	2,194	5.2	934	2.2	0	0.0	0	0.0	41,834	100.0
1990	6/20, 25	256	M	0	0.0	0	0.0	15,412	47.1	0	0.0	9,456	28.9	0	0.0	2,552	7.8	0	0.0	524	1.6	0	0.0	0	0.0	0	0.0	27,944	85.4
	(6/20, 25)		F	0	0.0	0	0.0	262	0.8	0	0.0	2,061	6.3	0	0.0	2,061	6.3	0	0.0	393	1.2	0	0.0	0	0.0	0	0.0	4,777	14.6
			Subtotal	0	0.0	0	0.0	15,673	47.9	0	0.0	11,518	35.2	0	0.0	4,614	14.1	0	0.0	916	2.8	0	0.0	0	0.0	0	0.0	32,721	100.0
	6/29; 7/5, 9	152	M	0	0.0	0	0.0	5,672	29.6	0	0.0	6,304	32.9	0	0.0	2,146	11.2	0	0.0	498	2.6	0	0.0	0	0.0	0	0.0	14,621	76.3
	(6/29; 7/5, 9, 14)		F	0	0.0	0	0.0	134	0.7	0	0.0	1,763	9.2	0	0.0	2,261	11.8	0	0.0	383	2.0	0	0.0	0	0.0	0	0.0	4,541	23.7
			Subtotal	0	0.0	0	0.0	5,806	30.3	0	0.0	8,067	42.1	0	0.0	4,407	23.0	0	0.0	881	4.6	0	0.0	0	0.0	0	0.0	19,162	100.0
	Season	408	M	0	0.0	0	0.0	21,084	40.6	0	0.0	15,761	30.4	0	0.0	4,698	9.1	0	0.0	1,022	2.0	0	0.0	0	0.0	0	0.0	42,564	82.0
	(Restricted Mesh Size)		F	0	0.0	0	0.0	396	0.8	0	0.0	3,824	7.4	0	0.0	4,323	8.3	0	0.0	776	1.5	0	0.0	0	0.0	0	0.0	9,319	18.0
			Total	0	0.0	0	0.0	21,479	41.4	0	0.0	19,585	37.7	0	0.0	9,021	17.4	0	0.0	1,798	3.5	0	0.0	0	0.0	0	0.0	51,883	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 12 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1991	6/20	155	M	0	0.0	0	0.0	4,020	29.1	0	0.0	2,942	21.3	539	3.9	981	7.1	539	3.9	0	0.0	0	0.0	0	0.0	83	0.6	9,103	65.9
	(6/20)		F	0	0.0	0	0.0	262	1.9	0	0.0	1,699	12.3	83	0.6	1,961	14.2	0	0.0	359	2.6	262	1.9	0	0.0	83	0.6	4,710	34.1
			Subtotal	0	0.0	0	0.0	4,282	31.0	0	0.0	4,641	33.6	622	4.5	2,942	21.3	539	3.9	359	2.6	262	1.9	0	0.0	166	1.2	13,813	100.0
	6/24	129	M	0	0.0	0	0.0	4,477	35.5	0	0.0	2,157	17.1	0	0.0	1,173	9.3	0	0.0	101	0.8	101	0.8	0	0.0	0	0.0	8,009	63.5
	(6/24)		F	0	0.0	0	0.0	202	1.6	0	0.0	1,665	13.2	0	0.0	2,535	20.1	0	0.0	202	1.6	0	0.0	0	0.0	0	0.0	4,603	36.5
			Subtotal	0	0.0	0	0.0	4,679	37.1	0	0.0	3,821	30.3	0	0.0	3,708	29.4	0	0.0	303	2.4	101	0.8	0	0.0	0	0.0	12,612	100.0
	7/6	71	M	0	0.0	0	0.0	2,275	28.2	0	0.0	1,702	21.1	0	0.0	912	11.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,889	60.6
	(7/1,6)		F	0	0.0	0	0.0	0	0.0	0	0.0	565	7.0	0	0.0	2,275	28.2	0	0.0	339	4.2	0	0.0	0	0.0	0	0.0	3,179	39.4
			Subtotal	0	0.0	0	0.0	2,275	28.2	0	0.0	2,267	28.1	0	0.0	3,187	39.5	0	0.0	339	4.2	0	0.0	0	0.0	0	0.0	8,068	100.0
	7/13	44	M	0	0.0	0	0.0	249	27.5	0	0.0	203	22.5	0	0.0	103	11.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	555	61.4
			F	0	0.0	0	0.0	81	9.0	0	0.0	61	6.8	0	0.0	186	20.6	0	0.0	20	2.2	0	0.0	0	0.0	0	0.0	349	38.6
			Subtotal	0	0.0	0	0.0	330	36.5	0	0.0	265	29.3	0	0.0	289	32.0	0	0.0	20	2.2	0	0.0	0	0.0	0	0.0	904	100.0
	7/18	21	M	63	4.8	0	0.0	496	37.9	0	0.0	124	9.5	63	4.8	124	9.5	0	0.0	0	0.0	63	4.8	0	0.0	0	0.0	933	71.3
	(7/18,22,25)		F	0	0.0	0	0.0	63	4.8	0	0.0	63	4.8	0	0.0	187	14.3	0	0.0	0	0.0	63	4.8	0	0.0	0	0.0	376	28.7
			Subtotal	63	4.8	0	0.0	559	42.7	0	0.0	187	14.3	63	4.8	312	23.8	0	0.0	0	0.0	126	9.6	0	0.0	0	0.0	1,309	100.0
	Season	420	M	63	0.2	0	0.0	11,517	31.4	0	0.0	7,129	19.4	602	1.6	3,293	9.0	539	1.5	101	0.3	164	0.4	0	0.0	83	0.2	23,489	64.0
	(Restricted Mesh Size)		F	0	0.0	0	0.0	608	1.7	0	0.0	4,053	11.0	83	0.2	7,145	19.5	0	0.0	920	2.5	325	0.9	0	0.0	83	0.2	13,217	36.0
			Total	63	0.2	0	0.0	12,125	33.0	0	0.0	11,182	30.5	684	1.9	10,438	28.4	539	1.5	1,021	2.8	489	1.3	0	0.0	166	0.5	36,706	100.0
1992	6/18	194	M	0	0.0	98	1.0	3,649	37.4	0	0.0	3,015	30.9	49	0.5	751	7.7	0	0.0	49	0.5	0	0.0	0	0.0	0	0.0	7,610	78.0
	(6/18)		F	0	0.0	0	0.0	98	1.0	0	0.0	449	4.6	0	0.0	1,454	14.9	0	0.0	146	1.5	0	0.0	0	0.0	0	0.0	2,146	22.0
			Subtotal	0	0.0	98	1.0	3,746	38.4	0	0.0	3,463	35.5	49	0.5	2,205	22.6	0	0.0	195	2.0	0	0.0	0	0.0	0	0.0	9,756	100.0
	6/22	191	M	0	0.0	306	2.1	6,575	45.1	0	0.0	2,901	19.9	0	0.0	1,064	7.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10,846	74.4
	(6/22)		F	0	0.0	0	0.0	379	2.6	0	0.0	1,297	8.9	0	0.0	1,983	13.6	0	0.0	73	0.5	0	0.0	0	0.0	0	0.0	3,732	25.6
			Subtotal	0	0.0	306	2.1	6,954	47.7	0	0.0	4,198	28.8	0	0.0	3,047	20.9	0	0.0	73	0.5	0	0.0	0	0.0	0	0.0	14,578	100.0
	6/25	137	M	0	0.0	63	0.7	3,953	44.0	0	0.0	1,770	19.7	0	0.0	916	10.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6,702	74.6
	(6/25)		F	0	0.0	0	0.0	0	0.0	0	0.0	323	3.6	0	0.0	1,833	20.4	0	0.0	63	0.7	63	0.7	0	0.0	0	0.0	2,282	25.4
			Subtotal	0	0.0	63	0.7	3,953	44.0	0	0.0	2,093	23.3	0	0.0	2,749	30.6	0	0.0	63	0.7	63	0.7	0	0.0	0	0.0	8,984	100.0
	6/29	195	M	0	0.0	57	0.5	5,770	50.8	0	0.0	2,385	21.0	57	0.5	1,102	9.7	0	0.0	57	0.5	0	0.0	0	0.0	0	0.0	9,428	83.0
	(6/29,7/6)		F	0	0.0	0	0.0	0	0.0	0	0.0	239	2.1	0	0.0	1,636	14.4	0	0.0	57	0.5	0	0.0	0	0.0	0	0.0	1,931	17.0
			Subtotal	0	0.0	57	0.5	5,770	50.8	0	0.0	2,624	23.1	57	0.5	2,738	24.1	0	0.0	114	1.0	0	0.0	0	0.0	0	0.0	11,359	100.0
	Season	717	M	0	0.0	523	1.2	19,947	44.6	0	0.0	10,071	22.5	106	0.2	3,834	8.6	0	0.0	106	0.2	0	0.0	0	0.0	0	0.0	34,586	77.4
	(Restricted Mesh Size)		F	0	0.0	0	0.0	477	1.1	0	0.0	2,308	5.2	0	0.0	6,905	15.5	0	0.0	339	0.8	63	0.1	0	0.0	0	0.0	10,091	22.6
			Total	0	0.0	523	1.2	20,423	45.7	0	0.0	12,379	27.7	106	0.2	10,738	24.0	0	0.0	444	1.0	63	0.1	0	0.0	0	0.0	44,677	100.0
1993	6/25	102	M	0	0.0	0	0.0	5,368	61.6	0	0.0	1,874	21.5	0	0.0	418	4.8	418	4.8	0	0.0	87	1.0	0	0.0	0	0.0	8,165	93.7
	Season		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	418	4.8	0	0.0	44	0.5	0	0.0	0	0.0	87	1.0	549	6.3
	(Restricted Mesh Size)		Total	0	0.0	0	0.0	5,368	61.6	0	0.0	1,874	21.5	0	0.0	837	9.6	418	4.8	44	0.5	87	1.0	0	0.0	87	1.0	8,714	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 13 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1994	6/24	208	M	0	0.0	81	0.5	2,722	16.8	0	0.0	6,594	40.7	308	1.9	2,414	14.9	81	0.5	162	1.0	0	0.0	0	0.0	0	0.0	12,361	76.3
	Season		F	0	0.0	0	0.0	81	0.5	0	0.0	1,555	9.6	0	0.0	1,798	11.1	81	0.5	162	1.0	162	1.0	0	0.0	0	0.0	3,840	23.7
	(Restricted Mesh Size)		Total	0	0.0	81	0.5	2,803	17.3	0	0.0	8,149	50.3	308	1.9	4,212	26.0	162	1.0	324	2.0	162	1.0	0	0.0	0	0.0	16,201	100.0
1995	6/22	197	M	0	0.0	34	0.5	2,593	37.6	0	0.0	910	13.2	0	0.0	1,365	19.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,902	71.1
	(6/22)		F	0	0.0	0	0.0	69	1.0	0	0.0	207	3.0	0	0.0	1,717	24.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,993	28.9
			Subtotal	0	0.0	34	0.5	2,661	38.6	0	0.0	1,117	16.2	0	0.0	3,082	44.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6,895	100.0
	6/26	189	M	0	0.0	0	0.0	2,908	30.7	0	0.0	1,250	13.2	0	0.0	2,159	22.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6,317	66.7
	(6/26)		F	0	0.0	0	0.0	199	2.1	0	0.0	398	4.2	0	0.0	2,453	25.9	0	0.0	104	1.1	0	0.0	0	0.0	0	0.0	3,154	33.3
			Subtotal	0	0.0	0	0.0	3,106	32.8	0	0.0	1,648	17.4	0	0.0	4,612	48.7	0	0.0	104	1.1	0	0.0	0	0.0	0	0.0	9,471	100.0
	6/29	107	M	0	0.0	0	0.0	1,759	35.5	0	0.0	649	13.1	0	0.0	926	18.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,334	67.3
	(6/29)		F	0	0.0	0	0.0	0	0.0	0	0.0	184	3.7	0	0.0	1,389	28.0	0	0.0	46	0.9	0	0.0	0	0.0	0	0.0	1,619	32.7
			Subtotal	0	0.0	0	0.0	1,759	35.5	0	0.0	833	16.8	0	0.0	2,315	46.7	0	0.0	46	0.9	0	0.0	0	0.0	0	0.0	4,953	100.0
	7/3	85	M	0	0.0	0	0.0	2,060	30.6	0	0.0	792	11.8	0	0.0	1,822	27.1	0	0.0	79	1.2	0	0.0	0	0.0	0	0.0	4,754	70.6
	(7/3,6,10,14,18,21,		F	0	0.0	0	0.0	0	0.0	0	0.0	79	1.2	0	0.0	1,901	28.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,980	29.4
	8/4,8,12,16,19,22, 26,29,9/1)		Subtotal	0	0.0	0	0.0	2,060	30.6	0	0.0	872	12.9	0	0.0	3,723	55.3	0	0.0	79	1.2	0	0.0	0	0.0	0	0.0	6,735	100.0
	Season	578	M	0	0.0	34	0.1	9,318	33.2	0	0.0	3,601	12.8	0	0.0	6,273	22.4	0	0.0	79	0.3	0	0.0	0	0.0	0	0.0	19,307	68.8
	(Restricted Mesh Size)		F	0	0.0	0	0.0	268	1.0	0	0.0	868	3.1	0	0.0	7,459	26.6	0	0.0	150	0.5	0	0.0	0	0.0	0	0.0	8,745	31.2
			Total	0	0.0	34	0.1	9,586	34.2	0	0.0	4,470	15.9	0	0.0	13,733	49.0	0	0.0	229	0.8	0	0.0	0	0.0	0	0.0	28,054	100.0
1996	6/17	205	M	0	0.0	10	0.5	808	39.5	0	0.0	738	36.1	0	0.0	150	7.3	10	0.5	50	2.4	0	0.0	0	0.0	0	0.0	1,766	86.3
	(6/17)		F	0	0.0	0	0.0	0	0.0	0	0.0	60	2.9	0	0.0	190	9.3	0	0.0	30	1.5	0	0.0	0	0.0	0	0.0	279	13.7
			Subtotal	0	0.0	10	0.5	808	39.5	0	0.0	798	39.0	0	0.0	339	16.6	10	0.5	80	3.9	0	0.0	0	0.0	0	0.0	2,045	100.0
	6/20	203	M	0	0.0	0	0.0	484	23.6	0	0.0	826	40.4	0	0.0	222	10.8	0	0.0	101	4.9	0	0.0	0	0.0	0	0.0	1,633	79.8
	(6/20)		F	0	0.0	0	0.0	10	0.5	0	0.0	141	6.9	0	0.0	171	8.4	0	0.0	91	4.4	0	0.0	0	0.0	0	0.0	413	20.2
			Subtotal	0	0.0	0	0.0	494	24.1	0	0.0	968	47.3	0	0.0	393	19.2	0	0.0	191	9.4	0	0.0	0	0.0	0	0.0	2,046	100.0
	6/24	29	M	0	0.0	0	0.0	184	27.6	0	0.0	276	41.4	0	0.0	23	3.4	0	0.0	23	3.4	0	0.0	0	0.0	0	0.0	505	75.9
	(6/24)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	46	6.9	0	0.0	115	17.2	0	0.0	0	0.0	0	0.0	161	24.1
			Subtotal	0	0.0	0	0.0	184	27.6	0	0.0	276	41.4	0	0.0	69	10.3	0	0.0	138	20.7	0	0.0	0	0.0	0	0.0	666	100.0
	7/2	73	M	0	0.0	7	1.4	97	17.8	0	0.0	194	35.6	0	0.0	60	11.0	0	0.0	15	2.7	0	0.0	0	0.0	0	0.0	373	68.5
	(7/2)		F	0	0.0	0	0.0	0	0.0	0	0.0	7	1.4	0	0.0	112	20.5	0	0.0	45	8.2	0	0.0	7	1.4	0	0.0	172	31.5
			Subtotal	0	0.0	7	1.4	97	17.8	0	0.0	202	37.0	0	0.0	172	31.5	0	0.0	60	11.0	0	0.0	7	1.4	0	0.0	545	100.0
	7/5	29	M	0	0.0	0	0.0	109	34.5	0	0.0	76	24.1	0	0.0	65	20.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	251	79.3
	(7/5)		F	0	0.0	0	0.0	0	0.0	0	0.0	22	6.9	0	0.0	33	10.3	0	0.0	11	3.4	0	0.0	0	0.0	0	0.0	65	20.7
			Subtotal	0	0.0	0	0.0	109	34.5	0	0.0	98	31.0	0	0.0	98	31.0	0	0.0	11	3.4	0	0.0	0	0.0	0	0.0	316	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 14 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	7/8	23	M	0	0.0	0	0.0	46	26.1	0	0.0	70	39.1	0	0.0	15	8.7	0	0.0	15	8.7	0	0.0	0	0.0	0	0.0	147	82.6
	(7/8)		F	0	0.0	0	0.0	0	0.0	0	0.0	8	4.3	0	0.0	23	13.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	31	17.4
			Subtotal	0	0.0	0	0.0	46	26.1	0	0.0	77	43.5	0	0.0	39	21.7	0	0.0	15	8.7	0	0.0	0	0.0	0	0.0	178	100.0
	7/12	30	M	0	0.0	0	0.0	196	16.7	0	0.0	470	40.0	0	0.0	157	13.3	0	0.0	39	3.3	0	0.0	0	0.0	0	0.0	862	73.3
	(7/12,16,19,22,25,		F	0	0.0	0	0.0	0	0.0	0	0.0	78	6.7	0	0.0	118	10.0	0	0.0	118	10.0	0	0.0	0	0.0	0	0.0	314	26.7
	29,31,8/3,7,10,13,		Subtotal	0	0.0	0	0.0	196	16.7	0	0.0	549	46.7	0	0.0	274	23.3	0	0.0	157	13.3	0	0.0	0	0.0	0	0.0	1,176	100.0
	16,20,23,26)																												
	Season	592	M	0	0.0	17	0.3	1,924	27.6	0	0.0	2,651	38.0	0	0.0	692	9.9	10	0.1	243	3.5	0	0.0	0	0.0	0	0.0	5,537	79.4
	(Restricted Mesh Size)		F	0	0.0	0	0.0	10	0.1	0	0.0	316	4.5	0	0.0	692	9.9	0	0.0	409	5.9	0	0.0	7	0.1	0	0.0	1,435	20.6
			Total	0	0.0	17	0.3	1,934	27.7	0	0.0	2,967	42.6	0	0.0	1,384	19.9	10	0.1	652	9.4	0	0.0	7	0.1	0	0.0	6,972	100.0
1997 [c]	6/23	162	M	0	0.0	0	0.0	5,479	52.5	0	0.0	1,680	16.1	0	0.0	1,346	12.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8,505	81.5
	Season		F	0	0.0	0	0.0	0	0.0	0	0.0	63	0.6	0	0.0	1,805	17.3	0	0.0	63	0.6	0	0.0	0	0.0	0	0.0	1,931	18.5
	(Restricted Mesh Size)		Total	0	0.0	0	0.0	5,479	52.5	0	0.0	1,743	16.7	0	0.0	3,152	30.2	0	0.0	63	0.6	0	0.0	0	0.0	0	0.0	10,436	100.0
1998 [c]	6/24	138	M	0	0.0	46	0.7	1,208	18.9	0	0.0	3,486	54.3	0	0.0	232	3.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,972	77.5
	(6/24)		F	0	0.0	0	0.0	47	0.7	0	0.0	511	8.0	0	0.0	744	11.6	0	0.0	139	2.2	0	0.0	0	0.0	0	0.0	1,441	22.5
			Subtotal	0	0.0	46	0.7	1,255	19.6	0	0.0	3,997	62.3	0	0.0	976	15.2	0	0.0	139	2.2	0	0.0	0	0.0	0	0.0	6,413	100.0
	6/29	153	M	0	0.0	83	1.3	1,662	26.1	0	0.0	3,283	51.6	0	0.0	332	5.2	0	0.0	42	0.7	0	0.0	0	0.0	0	0.0	5,402	85.0
	(6/29)		F	0	0.0	0	0.0	0	0.0	0	0.0	540	8.5	0	0.0	374	5.9	0	0.0	41	0.6	0	0.0	0	0.0	0	0.0	956	15.0
			Subtotal	0	0.0	83	1.3	1,662	26.1	0	0.0	3,823	60.1	0	0.0	706	11.1	0	0.0	83	1.3	0	0.0	0	0.0	0	0.0	6,358	100.0
	7/3	70	M	0	0.0	65	2.9	455	20.0	0	0.0	781	34.3	0	0.0	195	8.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,496	65.7
	(7/3)		F	0	0.0	0	0.0	33	1.4	0	0.0	455	20.0	0	0.0	260	11.4	0	0.0	33	1.4	0	0.0	0	0.0	0	0.0	781	34.3
			Subtotal	0	0.0	65	2.9	488	21.4	0	0.0	1,236	54.3	0	0.0	455	20.0	0	0.0	33	1.4	0	0.0	0	0.0	0	0.0	2,277	100.0
	7/11,22	76	M	0	0.0	0	0.0	729	31.6	0	0.0	850	36.8	0	0.0	61	2.6	0	0.0	30	1.3	0	0.0	0	0.0	0	0.0	1,670	72.4
	(7/11,22,27,8/1,		F	0	0.0	0	0.0	0	0.0	0	0.0	334	14.5	0	0.0	212	9.2	0	0.0	91	4.0	0	0.0	0	0.0	0	0.0	638	27.6
	6,11,17,22,29)		Subtotal	0	0.0	0	0.0	729	31.6	0	0.0	1,184	51.3	0	0.0	273	11.8	0	0.0	121	5.3	0	0.0	0	0.0	0	0.0	2,308	100.0
	Season	437	M	0	0.0	195	1.1	4,055	23.4	0	0.0	8,399	48.4	0	0.0	821	4.7	0	0.0	72	0.4	0	0.0	0	0.0	0	0.0	13,541	78.0
	(Restricted Mesh Size)		F	0	0.0	0	0.0	79	0.4	0	0.0	1,841	10.6	0	0.0	1,590	9.2	0	0.0	305	1.8	0	0.0	0	0.0	0	0.0	3,815	22.0
			Total	0	0.0	195	1.1	4,134	23.8	0	0.0	10,240	59.0	0	0.0	2,411	13.9	0	0.0	377	2.2	0	0.0	0	0.0	0	0.0	17,356	100.0
1999 [c]	6/30	190	M	0	0.0	25	0.5	1,387	29.5	0	0.0	991	21.1	0	0.0	941	20.0	0	0.0	25	0.6	0	0.0	0	0.0	0	0.0	3,368	71.6
	(6/30-8/7)		F	0	0.0	0	0.0	0	0.0	0	0.0	99	2.1	0	0.0	1,213	25.8	0	0.0	25	0.5	0	0.0	0	0.0	0	0.0	1,337	28.4
	Season		Total	0	0.0	25	0.5	1,387	29.5	0	0.0	1,090	23.2	0	0.0	2,154	45.8	0	0.0	50	1.1	0	0.0	0	0.0	0	0.0	4,705	100.0
	(Restricted Mesh Size)																												

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 15 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
2000	Samples were not collected during 2000.																												
2001	Samples were not collected during 2001.																												
2002	Samples were not collected during 2002.																												
2003	Incomplete																												
2004 [c]	6/30	219	M	0	0.0	9	0.9	566	56.2	0	0.0	267	26.5	0	0.0	83	8.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	925	91.8
	(6/30,7/2)		F	0	0.0	0	0.0	0	0.0	0	0.0	18	1.8	0	0.0	60	6.0	0	0.0	5	0.5	0	0.0	0	0.0	0	0.0	83	8.2
			Subtotal	0	0.0	9	0.9	566	56.2	0	0.0	285	28.3	0	0.0	143	14.2	0	0.0	5	0.5	0	0.0	0	0.0	0	0.0	1,008	100.0
	7/6	134	M	0	0.0	19	1.5	762	59.0	0	0.0	280	21.6	0	0.0	48	3.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,109	85.8
	(7/6-9/8)		F	0	0.0	0	0.0	9	0.7	0	0.0	19	1.5	0	0.0	145	11.2	0	0.0	10	0.7	0	0.0	0	0.0	0	0.0	183	14.2
			Subtotal	0	0.0	19	1.5	771	59.7	0	0.0	299	23.1	0	0.0	193	14.9	0	0.0	10	0.7	0	0.0	0	0.0	0	0.0	1,292	100.0
	Season	353	M	0	0.0	28	1.2	1,328	57.8	0	0.0	546	23.8	0	0.0	131	5.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,034	88.4
	(Restricted Mesh Size)		F	0	0.0	0	0.0	9	0.4	0	0.0	38	1.6	0	0.0	205	8.9	0	0.0	14	0.6	0	0.0	0	0.0	0	0.0	266	11.6
			Total	0	0.0	28	1.2	1,337	58.2	0	0.0	584	25.4	0	0.0	336	14.6	0	0.0	14	0.6	0	0.0	0	0.0	0	0.0	2,300	100.0
2005 [c]	6/24	182	M	0	0.0	0	0.0	813	35.7	0	0.0	863	37.9	0	0.0	188	8.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,863	81.9
	(6/24)		F	0	0.0	0	0.0	0	0.0	0	0.0	250	11.0	0	0.0	162	7.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	413	18.1
			Subtotal	0	0.0	0	0.0	813	35.7	0	0.0	1,113	48.9	0	0.0	350	15.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,276	100.0
	6/28	100	M	0	0.0	0	0.0	174	43.0	0	0.0	142	35.0	0	0.0	28	7.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	344	85.0
	(6/28)		F	0	0.0	0	0.0	0	0.0	0	0.0	28	7.0	0	0.0	33	8.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	61	15.0
			Subtotal	0	0.0	0	0.0	174	43.0	0	0.0	170	42.0	0	0.0	61	15.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	405	100.0
	6/30	103	M	0	0.0	0	0.0	314	36.9	0	0.0	330	38.9	8	1.0	66	7.8	0	0.0	8	1.0	0	0.0	0	0.0	0	0.0	726	85.4
	(6/30)		F	0	0.0	0	0.0	0	0.0	0	0.0	50	5.8	0	0.0	74	8.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	124	14.6
			Subtotal	0	0.0	0	0.0	314	36.9	0	0.0	380	44.7	8	1.0	140	16.5	0	0.0	8	1.0	0	0.0	0	0.0	0	0.0	850	100.0
	7/1	103	M	0	0.0	0	0.0	462	36.9	0	0.0	523	41.8	0	0.0	97	7.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,083	86.4
	(7/1,8/2,4,5,8,9,		F	0	0.0	0	0.0	0	0.0	0	0.0	110	8.7	0	0.0	61	4.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	170	13.6
	11,15,22,25,29)		Subtotal	0	0.0	0	0.0	462	36.9	0	0.0	633	50.5	0	0.0	158	12.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,253	100.0
	Season	488	M	0	0.0	0	0.0	1,763	36.8	0	0.0	1,858	38.8	8	0.2	379	7.9	0	0.0	8	0.2	0	0.0	0	0.0	0	0.0	4,016	84.0
	(Restricted Mesh Size)		F	0	0.0	0	0.0	0	0.0	0	0.0	437	9.2	0	0.0	330	6.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	768	16.0
			Total	0	0.0	0	0.0	1,763	36.8	0	0.0	2,295	48.0	8	0.2	709	14.8	0	0.0	8	0.2	0	0.0	0	0.0	0	0.0	4,784	100.0

Appendix B.1. Age and sex of chinook salmon from the District 1 commercial fishery. [ab] (page 16 of 16)

Year	Sample Date	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
2006 [c]	6/26	184	M	0	0.0	30	1.1	1,690	60.9	0	0.0	725	26.1	0	0.0	121	4.3	0	0.0	15	0.5	0	0.0	0	0.0	0	0.0	2,581	92.9
	(6/26,28,8/1,3,4,7,8,10,11,14,		F	0	0.0	0	0.0	0	0.0	0	0.0	30	1.1	0	0.0	166	6.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	196	7.1
	15,17,18,21,22,24,25,28,30)		Total	0	0.0	30	1.1	1,690	60.9	0	0.0	755	27.2	0	0.0	287	10.3	0	0.0	15	0.5	0	0.0	0	0.0	0	0.0	2,777	100.0
	Season (Restricted Mesh Size)																												
	Grand Total [d]	7,242	M	0	0.0	66	0.0	13,810	3.6	47	0.0	89,236	23.0	102	0.0	97,290	25.1	1,950	0.5	9,166	2.4	2,141	0.6	0	0.0	0	0.0	213,811	55.1
	(Unrestricted Mesh Size)		F	0	0.0	0	0.0	531	0.1	0	0.0	20,650	5.3	79	0.0	132,896	34.2	646	0.2	17,467	4.5	1,859	0.5	0	0.0	404	0.1	174,530	44.9
			Total	0	0.0	66	0.0	14,341	3.7	47	0.0	109,886	28.3	181	0.0	230,186	59.3	2,596	0.7	26,633	6.9	4,000	1.0	0	0.0	404	0.1	388,341	100.0
	Grand Total [d]	7,807	M	63	0.0	2,069	0.4	154,011	32.2	0	0.0	119,714	25.0	2,468	0.5	59,366	12.4	1,780	0.4	4,730	1.0	835	0.2	0	0.0	83	0.0	345,117	72.2
	(Restricted Mesh Size)		F	0	0.0	0	0.0	7,400	1.5	0	0.0	36,789	7.7	335	0.1	76,648	16.0	128	0.0	10,765	2.3	900	0.2	7	0.0	170	0.0	133,138	27.8
			Total	63	0.0	2,069	0.4	161,411	33.7	0	0.0	156,503	32.7	2,803	0.6	136,014	28.4	1,908	0.4	15,495	3.2	1,735	0.4	7	0.0	253	0.1	478,257	100.0
	Grand Total [d]	15,049	M	63	0.0	2,135	0.2	167,821	19.4	47	0.0	208,950	24.1	2,570	0.3	156,656	18.1	3,730	0.4	13,896	1.6	2,976	0.3	0	0.0	83	0.0	558,928	64.5
	(Restricted & Unrestricted		F	0	0.0	0	0.0	7,931	0.9	0	0.0	57,439	6.6	414	0.0	209,544	24.2	470	0.1	28,232	3.3	2,759	0.3	7	0.0	574	0.1	307,668	35.5
	Mesh Size) [f]		Total	63	0.0	2,135	0.2	175,752	20.3	47	0.0	266,389	30.7	2,984	0.3	366,200	42.3	4,504	0.5	42,128	4.9	5,735	0.7	7	0.0	657	0.1	866,596	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] Sex of all fish was confirmed by visual inspection of gonads.

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

[f] The year 1975, 1976 and 1978 are excluded because no samples were collected from chinook salmon caught during the portion of the season with restricted mesh size.

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

[h] Mesh size restricted to 6-inches or less for chum directed commercial fishing.

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 1 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1964	6/15-16	M	Mean Length					823		920	900	1021	1005		
	(6/15-16)		Std. Error					8		11	-	30	-		
			Range					775- 880		790-1060	900- 900	915-1085	1005-1005		
			Sample Size	0	0	0	0	15	0	38	1	5	1	0	0
		F	Mean Length			670		846		937	780	969	910		
			Std. Error			-		17		8	-	15	15		
			Range			670- 670		760- 955		810-1030	780- 780	915-1030	880- 930		
			Sample Size	0	0	1	0	12	0	47	1	8	3	0	0
	6/18-19	M	Mean Length			636		825		918		989	873		
	(6/18-19)		Std. Error			-		9		8		15	15		
			Range			636- 636		735- 954		776-1112		890-1082	850- 901		
			Sample Size	0	0	1	0	32	0	63	0	14	3	0	0
		F	Mean Length					848		936		957	919		
			Std. Error					25		6		13	27		
			Range					741- 995		815-1074		854-1005	845- 989		
			Sample Size	0	0	0	0	11	0	88	0	10	5	0	0
	6/22	M	Mean Length					826		937	850	1064	989		
	(6/22-23)		Std. Error					12		13	-	-	23		
			Range					752- 932		780-1043	850- 850	1064-1064	914-1085		
			Sample Size	0	0	0	0	13	0	30	1	1	6	0	0
		F	Mean Length			634		825		919	858	975	927		
			Std. Error			-		13		7	32	16	14		
			Range			634- 634		792- 872		832-1003	767- 990	921-1080	881- 970		
			Sample Size	0	0	1	0	6	0	39	6	10	6	0	0
	6/25	M	Mean Length					848	764	950	854	1082	920		
	(6/25-26)		Std. Error					14	-	18	28	-	24		
			Range					806- 900	764- 764	853-1097	803- 913	1082-1082	896- 943		
			Sample Size	0	0	0	0	6	1	15	4	1	2	0	0
		F	Mean Length					789	730	905		993	934		
			Std. Error					17	-	16		5	11		
			Range					730- 853	730- 730	775- 980		983- 998	923- 944		
			Sample Size	0	0	0	0	8	1	14	0	3	2	0	0
	Season	M	Mean Length			636		831	764	934	855	1018	955		
	(Unrestricted Mesh Size)		Range			636- 636		735- 954	764- 764	776-1112	803- 913	890-1085	850-1085		
			Sample Size	0	0	1	0	66	1	146	6	21	12	0	0
		F	Mean Length			641		813	730	923	855	976	926		
			Range			634- 670		730- 995	730- 730	775-1074	767- 990	854-1080	845- 989		
			Sample Size	0	0	2	0	37	1	188	7	31	16	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 2 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1965	6/8,11	M	Mean Length					810		923	805	1053	950		
	(6/7,8,10,11)		Std. Error					7		15	12	18	34		
			Range					662- 960		827-1053	757- 875	1013-1098	885-1000		
			Sample Size	0	0	0	0	55	0	15	9	4	3	0	0
		F	Mean Length					859		929	815	987	999		988
			Std. Error					19		10	-	15	19		43
			Range					759- 944		855-1020	815- 815	875-1095	963-1051		945-1030
			Sample Size	0	0	0	0	11	0	26	1	13	4	0	2
	6/18	M	Mean Length					816		900	849	1124	918		
	(6/14-15,17-18)		Std. Error					12		26	19	-	31		
			Range					655-1008		783- 983	812- 894	1124-1124	790-1070		
			Sample Size	0	0	0	0	35	0	8	4	1	8	0	0
		F	Mean Length					851		935		986	927		889
			Std. Error					19		10		15	27		33
			Range					770- 924		864-1034		864-1080	841-1003		856- 921
			Sample Size	0	0	0	0	8	0	21	0	15	5	0	2
	6/21-22	M	Mean Length					791		954	919	1090	963		
	(6/21-22)		Std. Error					8		60	31	-	34		
			Range					725- 894		792-1084	887- 950	1090-1090	900-1110		
			Sample Size	0	0	0	0	24	0	4	2	1	6	0	0
		F	Mean Length					801		925	947	1021	960		1023
			Std. Error					11		14	-	18	40		33
			Range					736- 845		860-1044	947- 947	962-1084	920-1000		990-1056
			Sample Size	0	0	0	0	9	0	15	1	6	2	0	2
	Season	M	Mean Length					809		918	835	1077	935		
	(Unrestricted Mesh Size)		Range					655-1008		783-1084	757- 950	1013-1124	790-1110		
			Sample Size	0	0	0	0	114	0	27	15	6	17	0	0
		F	Mean Length					839		931	884	991	951		954
			Range					736- 944		855-1044	815- 947	864-1095	841-1051		856-1056
			Sample Size	0	0	0	0	28	0	62	2	34	11	0	6
1966	6/14,17	M	Mean Length					827		924		1081			
	(6/13,14,16,17)		Std. Error					14		8		25			
			Range					715-1030		735-1095		1045-1150			
			Sample Size	0	0	0	0	32	0	88	0	4	0	0	0
		F	Mean Length					861		932		993			
			Std. Error					17		7		29			
			Range					790- 935		820-1070		940-1040			
			Sample Size	0	0	0	0	8	0	82	0	3	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 3 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/21,24	M	Mean Length					816		908		1010			
	(6/20,21,23,24)		Std. Error					15		9		-			
			Range					750- 940		790-1095		1010-1010			
			Sample Size	0	0	0	0	13	0	79	0	1	0	0	0
		F	Mean Length					880		916		935			
			Std. Error					22		5		5			
			Range					825- 920		775-1055		930- 940			
			Sample Size	0	0	0	0	4	0	110	0	2	0	0	0
	6/28	M	Mean Length			650		817		957		990			
	(6/27-28)		Std. Error			-		98		16		-			
			Range			650- 650		665-1000		810-1008		990- 990			
			Sample Size	0	0	1	0	3	0	13	0	1	0	0	0
		F	Mean Length							919					
			Std. Error							11					
			Range							840-1001					
			Sample Size	0	0	0	0	0	0	24	0	0	0	0	0
	Season	M	Mean Length			650		823		919		1050			
	(Unrestricted Mesh Size)		Range			650- 650		665-1030		735-1095		990-1150			
			Sample Size	0	0	1	0	48	0	180	0	6	0	0	0
		F	Mean Length					868		922		968			
			Range					790- 935		775-1070		930-1040			
			Sample Size	0	0	0	0	12	0	216	0	5	0	0	0
1967	6/1-2	M	Mean Length					781		880		985			
	(6/1-2)		Std. Error					19		17		24			
			Range					762- 799		607-1042		886-1085			
			Sample Size	0	0	0		2	0	27	0	7	0	0	0
		F	Mean Length					787		893		944			
			Std. Error					19		8		11			
			Range					730- 825		825-1015		905- 983			
			Sample Size	0	0	0	0	5	0	28	0	6	0	0	0
	6/6,9	M	Mean Length					763		907		970			
	(6/5,6,8,9)		Std. Error					25		8		17			
			Range					715- 800		723-1052		738-1087			
			Sample Size	0	0	0	0	3	0	82	0	22	0	0	0
		F	Mean Length					752		889		942			
			Std. Error					35		6		11			
			Range					685- 800		765-1013		853-1030			
			Sample Size	0	0	0	0	3	0	87	0	24	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 4 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/13,16	M	Mean Length					749		849		950			
	(6/12,13,15,16)		Std. Error					10		16		18			
			Range					671- 838		570-1025		882- 990			
			Sample Size	0	0	0	0	19	0	32	0	6	0	0	0
		F	Mean Length					760		868		920			
			Std. Error					26		6		17			
			Range					734- 786		770-1000		785- 995			
			Sample Size	0	0	0	0	2	0	77	0	15	0	0	0
	6/20,23	M	Mean Length			689		743		895		942			
	(6/19,20,22,23)		Std. Error			4		14		10		43			
			Range			685- 692		533- 927		678-1005		701-1091			
			Sample Size	0	0	2	0	25	0	62	0	8	0	0	0
		F	Mean Length					793		894		896			
			Std. Error					17		5		19			
			Range					749- 835		758-1005		704- 981			
			Sample Size	0	0	0	0	5	0	90	0	15	0	0	0
	Season	M	Mean Length			689		750		888		966			
	(Unrestricted Mesh Size)		Range			685- 692		533- 927		570-1052		701-1091			
			Sample Size	0	0	2	0	49	0	203	0	43	0	0	0
		F	Mean Length					767		880		932			
			Range					685- 835		758-1015		704-1030			
			Sample Size	0	0	0	0	15	0	282	0	60	0	0	0
1968	6/6-7	M	Mean Length			634		761		880		935			
	(6/6-7)		Std. Error			-		13		17		33			
			Range			634- 634		678- 832		753-1043		902- 968			
			Sample Size	0	0	1	0	13	0	20	0	2	0	0	0
		F	Mean Length					799		897		984			
			Std. Error					25		11		14			
			Range					707- 878		799- 987		904-1060			
			Sample Size	0	0	0	0	6	0	23	0	12	0	0	0
	6/11,13,14	M	Mean Length			595		743		872	693	965	999		
	(6/10-11,13,14)		Std. Error			7		13		14	23	10	-		
			Range			580- 625		540- 858		706-1030	635- 738	879-1084	999- 999		
			Sample Size	0	0	6	0	32	0	37	4	25	1	0	0
		F	Mean Length					791		896	859	942	922		
			Std. Error					24		9	1	10	-		
			Range					645- 876		800-1027	857- 860	821-1027	922- 922		
			Sample Size	0	0	0	0	9	0	45	2	22	1	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 5 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/18,21	M	Mean Length			603		739		854	720	981			
	(6/17,18,20,21)		Std. Error			30		7		12	12	16			
			Range			540- 919		638- 900		700-1045	697- 733	902-1046			
			Sample Size	0	0	12	0	47	0	44	3	10	0	0	0
		F	Mean Length					827		882		944	930		
			Std. Error					17		9		10	-		
			Range					776- 875		569-1024		845-1012	930- 930		
			Sample Size	0	0	0	0	6	0	60	0	19	1	0	0
	6/25	M	Mean Length					737		870		1020			
	(6/24-25)		Std. Error					9		19		24			
			Range					629- 810		737-1025		958-1081			
			Sample Size	0	0	0	0	22	0	21	0	5	0	0	0
		F	Mean Length					808		875		932	860		
			Std. Error					30		13		30	-		
			Range					778- 837		769- 986		854- 983	860- 860		
			Sample Size	0	0	0	0	2	0	22	0	4	1	0	0
	Season	M	Mean Length			601		741		865	703	973	999		
	(Unrestricted Mesh Size)		Range			540- 919		540- 900		700-1045	635- 738	879-1084	999- 999		
			Sample Size	0	0	19	0	114	0	122	7	42	1	0	0
		F	Mean Length					804		887	859	944	908		
			Range					645- 878		569-1027	857- 860	821-1060	860- 930		
			Sample Size	0	0	0	0	23	0	150	2	57	3	0	0
1971	6/15	M	Mean Length					792		911					
	(6/14,15)		Std. Error					10		12					
			Range					700- 880		760-1050					
			Sample Size	0	0	0	0	23	0	37	0	0	0	0	0
		F	Mean Length					853		904					
			Std. Error					10		9					
			Range					837- 871		700-1070					
			Sample Size	0	0	0	0	3	0	54	0	0	0	0	0
	6/18	M	Mean Length					801		899					
	(6/17,18)		Std. Error					11		10					
			Range					677- 949		730-1042					
			Sample Size	0	0	0	0	33	0	55	0	0	0	0	0
		F	Mean Length					833		911		955			
			Std. Error					16		6		16			
			Range					723- 946		779-1039		924- 978			
			Sample Size	0	0	0	0	13	0	97	0	3	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 6 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/22	M	Mean Length					789		914					
	(6/21,22)		Std. Error					11		11					
			Range					700- 918		781-1044					
			Sample Size	0	0	0	0	31	0	44	0	0	0	0	0
		F	Mean Length					849		920					
			Std. Error					15		5					
			Range					768- 927		769-1015					
			Sample Size	0	0	0	0	10	0	103	0	0	0	0	0
	6/25	M	Mean Length					766		907					
	(6/24,25)		Std. Error					9		11					
			Range					685- 916		781-1059					
			Sample Size	0	0	0	0	40	0	53	0	0	0	0	0
		F	Mean Length					853		919					
			Std. Error					11		6					
			Range					816- 903		793-1061					
			Sample Size	0	0	0	0	7	0	85	0	0	0	0	0
	6/28,7/2,6	M	Mean Length			539	520	692		952		1017			
	(6/28,29,7/1,2,5,		Std. Error			6	-	30		20		48			
	6,8,9,12,15,16,		Range			432- 601	520- 520	515- 937		849-1067		924-1083			
	8/10,17,18,24,27)		Sample Size	0	0	45	1	16	0	15	0	3	0	0	0
		F	Mean Length			727		807		950		912			
			Std. Error			-		11		12		-			
			Range			727- 727		773- 838		867-1040		912- 912			
			Sample Size	0	0	1	0	5	0	13	0	1	0	0	0
	Season	M	Mean Length			539	520	780		909		1017			
	(Unrestricted Mesh Size)		Range			432- 601	520- 520	515- 949		730-1067		924-1083			
			Sample Size	0	0	45	1	143	0	204	0	3	0	0	0
		F	Mean Length			727		841		917		949			
			Range			727- 727		723- 946		700-1070		912- 978			
			Sample Size	0	0	1	0	38	0	352	0	4	0	0	0
1972	6/16	M	Mean Length					744		878		1082			
	(6/15-16)		Std. Error					43		23		-			
	(Unrestricted Mesh Size)		Range					622- 855		758-1030		1082-1082			
			Sample Size	0	0	0	0	5	0	15	0	1	0	0	0
		F	Mean Length					866		926		1005			
			Std. Error					22		16		-			
			Range					822- 915		755-1070		1005-1005			
			Sample Size	0	0	0	0	4	0	23	0	1	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 7 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/20	M	Mean Length					762		868					
	(6/19-20)		Std. Error					12		14					
	(Unrestricted Mesh Size)		Range					679- 860		675-1130					
			Sample Size	0	0	0	0	17	0	58	0	0	0	0	0
		F	Mean Length					846		884		973			
			Std. Error					25		8		24			
			Range					774- 930		763- 999		874-1087			
			Sample Size	0	0	0	0	5	0	60	0	8	0	0	0
	6/23	M	Mean Length					772		880		725			
	(6/22-23)		Std. Error					13		11		-			
	(Unrestricted Mesh Size)		Range					635-1001		735-1050		725- 725			
			Sample Size	0	0	0	0	34	0	46	0	1	0	0	0
		F	Mean Length					863		911		928			
			Std. Error					33		7		94			
			Range					798- 955		780-1065		765-1090			
			Sample Size	0	0	0	0	4	0	66	0	3	0	0	0
	6/27,8/9 [†]	M	Mean Length					786		876		1054			
	(6/26-27,29-30,7/3-4,		Std. Error					23		26		64			
	6-7,10-11,13-14,8/3,		Range					655-1035		651-1620		870-1300			
	4,7,9,11,15,16,22)		Sample Size	0	0	0	0	20	0	44	0	6	0	0	0
	(Restricted Mesh Size)														
		F	Mean Length					863		906		915			
			Std. Error					21		8		17			
			Range					772- 949		785-1020		868- 962			
			Sample Size	0	0	0	0	9	0	65	0	5	0	0	0
	Total	M	Mean Length					759		875		904			
	(Unrestricted Mesh Size)		Range					622-1001		675-1130		725- 1082			
			Sample Size	0	0	0	0	56	0	119	0	2	0	0	0
		F	Mean Length					858		907		969			
			Range					774- 955		755-1070		765-1090			
			Sample Size	0	0	0	0	13	0	149	0	12	0	0	0
	Total	M	Mean Length					786		876		1054			
	(Restricted Mesh Size)		Range					655-1035		651-1620		870-1300			
			Sample Size	0	0	0	0	20	0	44	0	6	0	0	0
		F	Mean Length					863		906		915			
			Range					772- 949		785-1020		868- 962			
			Sample Size	0	0	0	0	9	0	65	0	5	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 8 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season (Restricted & Unrestricted Mesh Size)	M	Mean Length					773		876		1011			
			Range					622-1035		651-1620		725-1300			
			Sample Size	0	0	0	0	76	0	163	0	8	0	0	0
		F	Mean Length					860		905		944			
			Range					772- 955		755-1070		765-1090			
			Sample Size	0	0	0	0	22	0	214	0	17	0	0	0
1973	6/8	M	Mean Length					834		836					
	(6/3-4,6-8)		Std. Error					24		22					
	(Unrestricted Mesh Size)		Range					752- 942		814- 857					
			Sample Size	0	0	0	0	8	0	2	0	0	0	0	0
		F	Mean Length					818		872					
			Std. Error					14		18					
			Range					779- 843		838- 899					
			Sample Size	0	0	0	0	4	0	3	0	0	0	0	0
	6/12	M	Mean Length			722		828		906		998			
	(6/11-12)		Std. Error			24		16		13		43			
	(Unrestricted Mesh Size)		Range			675- 787		697- 952		727-1060		913-1050			
			Sample Size	0	0	4	0	22	0	38	0	3	0	0	0
		F	Mean Length			677		866		903		1100			
			Std. Error			-		13		8		-			
			Range			677- 677		734- 963		807-1090		1100-1100			
			Sample Size	0	0	1	0	25	0	45	0	1	0	0	0
	6/15	M	Mean Length			612		801		854		912			
	(6/14-15)		Std. Error			-		20		13		53			
	(Unrestricted Mesh Size)		Range			612- 612		638- 920		770- 994		859- 965			
			Sample Size	0	0	1	0	12	0	25	0	2	0	0	0
		F	Mean Length			803		851		888		1096			
			Std. Error			-		10		9		175			
			Range			803- 803		773- 904		567- 992		899-1620			
			Sample Size	0	0	1	0	14	0	50	0	4	0	0	0
	6/19	M	Mean Length			575		724		840		942			
	(6/18-19)		Std. Error			40		15		11		21			
	(Unrestricted Mesh Size)		Range			486- 688		638- 825		721-1020		845-1000			
			Sample Size	0	0	5	0	16	0	47	0	8	0	0	0
		F	Mean Length					792		872		946			
			Std. Error					-		5		8			
			Range					792- 792		740-1005		887- 997			
			Sample Size	0	0	0	0	1	0	88	0	16	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 9 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/27 [f]	M	Mean Length					779		845					
	(6/25-26,28-29,7/2,		Std. Error					33		33					
	3,5-6,9-10,8/2,3,		Range					710- 893		725- 952					
	6-10,15,16,21,22,29)		Sample Size	0	0	0	0	5	0	8	0	0	0	0	0
	(Restricted Mesh Size)														
		F	Mean Length					878		906					
			Std. Error					-		15					
			Range					878- 878		845-1011					
			Sample Size	0	0	0	0	1	0	10	0	0	0	0	0
	Total	M	Mean Length			636		797		859		951			
	(Unrestricted Mesh Size)		Range			486- 787		638- 942		721-1060		845-1050			
			Sample Size	0	0	10	0	58	0	112	0	13	0	0	0
		F	Mean Length			740		832		884		1047			
			Range			677- 803		734- 963		567-1090		887- 1100			
			Sample Size	0	0	2	0	44	0	186	0	21	0	0	0
	Total	M	Mean Length					779		845					
	(Restricted Mesh Size)		Range					710- 893		725- 952					
			Sample Size	0	0	0	0	5	0	8	0	0	0	0	0
		F	Mean Length					878		906					
			Range					878- 878		845-1011					
			Sample Size	0	0	0	0	1	0	10	0	0	0	0	0
	Season	M	Mean Length			634		800		861		948			
	(Restricted & Unrestricted		Range			486- 787		638- 952		721-1060		845-1050			
	Mesh Size)		Sample Size	0	0	10	0	63	0	120	0	13	0	0	0
		F	Mean Length			748		850		885		986			
			Range			677- 803		734- 963		567-1090		887-1620			
			Sample Size	0	0	2	0	45	0	196	0	21	0	0	0
1974	6/28,30,7/5	M	Mean Length			524		655		834		1042			
			Range			458- 619		500- 868		625- 973		1042-1042			
			Sample Size	0	0	16	0	19	0	3	0	1	0	0	0
	Season [e]	F	Mean Length							842		929			
			Range							842- 842		887- 970			
			Sample Size	0	0	0	0	0	0	1	0	2	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 10 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1975	Season [e g]	M	Mean Length												
			Range												
			Sample Size		Samples Incomplete										
		F	Mean Length												
			Range												
			Sample Size												
1976	Season [e g]	M	Mean Length												
			Range												
			Sample Size		No Data										
		F	Mean Length												
			Range												
			Sample Size												
1977	6/15	M	Mean Length			505		749		828		1035			
	(6/15)		Std. Error			-		12		12		-			
	(Unrestricted Mesh Size)		Range			505- 505		595- 895		665-1035		1035-1035			
			Sample Size	0	0	1	0	24	0	49	0	1	0	0	0
		F	Mean Length					803		868		927			
			Std. Error					39		12		41			
			Range					725- 844		745-1015		850- 990			
			Sample Size	0	0	0	0	3	0	26	0	3	0	0	0
	6/20	M	Mean Length					781		870					
	(6/20)		Std. Error					10		18					
	(Unrestricted Mesh Size)		Range					650- 925		680-1100					
			Sample Size	0	0	0	0	31	0	30	0	0	0	0	0
		F	Mean Length					835		880					
			Std. Error					13		8					
			Range					810- 850		780- 995					
			Sample Size	0	0	0	0	3	0	36	0	0	0	0	0
	6/27,30,7/4,7,15 [r]	M	Mean Length			562		738		895					
	(6/27,30,7/4,7,14,		Std. Error			-		50		46					
	8/1,2,8,9,10,15,16		Range			562- 562		503- 925		795-1085					
	18,22,25,29)		Sample Size	0	0	1	0	7	0	6	0	0	0	0	0
	(Restricted Mesh Size)														
		F	Mean Length					856		902		946			
			Std. Error					9		25		37			
			Range					839- 880		840- 960		845-1005			
			Sample Size	0	0	0	0	4	0	5	0	4	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 11 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Total	M	Mean Length			505		765		849		1035			
	(Unrestricted Mesh Size)		Range			505- 505		595- 925		665-1100		1035-1035			
			Sample Size	0	0	1	0	55	0	79	0	1	0	0	0
		F	Mean Length					819		874		927			
			Range					725- 850		745-1015		850- 990			
			Sample Size	0	0	0	0	6	0	62	0	3	0	0	0
	Total	M	Mean Length			562		738		895					
	(Restricted Mesh Size)		Range			562- 562		503- 925		795-1085					
			Sample Size	0	0	1	0	7	0	6	0	0	0	0	0
		F	Mean Length					856		902		946			
			Range					839- 880		840- 960		845-1005			
			Sample Size	0	0	0	0	4	0	5	0	4	0	0	0
	Season	M	Mean Length			532		767		850		1035			
	(Restricted & Unrestricted		Range			505- 562		503- 925		665-1100		1035-1035			
	Mesh Size)		Sample Size	0	0	2	0	62	0	85	0	1	0	0	0
		F	Mean Length					833		878		938			
			Range					725- 880		745-1015		845-1005			
			Sample Size	0	0	0	0	10	0	67	0	7	0	0	0
1978	6/9	M	Mean Length			590		753		844		939			
	(6/9)		Std. Error			-		26		11		39			
	(Unrestricted Mesh Size)		Range			590- 590		670- 980		745-1005		780-1070			
			Sample Size	0	0	1	0	11	0	36	0	7	0	0	0
		F	Mean Length					793		883		887			
			Std. Error					9		8		38			
			Range					780- 810		780-1010		740- 950			
			Sample Size	0	0	0	0	3	0	38	0	5	0	0	0
	6/14,16	M	Mean Length					803		829		833			
	(6/14,16)		Std. Error					70		16		81			
	(Unrestricted Mesh Size)		Range					710- 940		610-1005		720- 990			
			Sample Size	0	0	0	0	3	0	39	0	3	0	0	0
		F	Mean Length					904		885		813			
			Std. Error					11		7		103			
			Range					870- 920		760- 970		710- 915			
			Sample Size	0	0	0	0	4	0	41	0	2	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 12 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/22-23	M	Mean Length					714		884					
	(6/22-23,26,29,7/3,		Std. Error					18		28					
	6,10,13,8/1,4,8,11		Range					650- 850		710-1100					
	15,18,22,25,29)		Sample Size	0	0	0	0	11	0	17	0	0	0	0	0
	(Unrestricted mesh samples)														
	Restricted mesh harvest)	F	Mean Length					748		892		895			
			Std. Error					31		6		-			
			Range					630- 860		800-1000		895- 895			
			Sample Size	0	0	0	0	6	0	61	0	1	0	0	0
	Season [e g]	M	Mean Length			590		739		845		883			
	(Restricted & Unrestricted		Range			590- 590		650- 980		610-1100		720-1070			
	Mesh Size)		Sample Size	0	0	1	0	25	0	92	0	10	0	0	0
		F	Mean Length					810		888		858			
			Range					630- 920		760-1010		710- 950			
			Sample Size	0	0	0	0	13	0	140	0	8	0	0	0
1979	Season	M	Mean Length												
			Range												
			Sample Size	W-1 Chinook, commercial catch from fish tickets 4,135. AMR commercial catch reports 36,053.											
		F	Mean Length												
			Range												
			Sample Size												
1980	6/12	M	Mean Length			644		743		850		943			
	(6/12)		Std. Error			-		7		15		-			
	(Unrestricted Mesh Size)		Range			644- 644		514- 842		752- 983		943- 943			
			Sample Size	0	0	1	0	56	0	16	0	1	0	0	0
		F	Mean Length					822		877		1002			
			Std. Error					24		10		-			
			Range					701- 968		817- 954		1002-1002			
			Sample Size	0	0	0	0	9	0	19	0	1	0	0	0
	6/18	M	Mean Length			560		724		792		1000			
	(6/18)		Std. Error			26		5		24		20			
	(Unrestricted Mesh Size)		Range			461- 632		650- 906		683- 907		980-1020			
			Sample Size	0	0	6	0	59	0	9	0	2	0	0	0
		F	Mean Length			907		781		871		931			
			Std. Error			-		8		15		39			
			Range			907- 907		700- 867		811- 917		860- 993			
			Sample Size	0	0	1	0	23	0	7	0	3	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 13 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/23	M	Mean Length			584		747		946					
	(6/23)		Std. Error			26		22		-					
	(Unrestricted Mesh Size)		Range			502- 845		654- 922		946- 946					
			Sample Size	0	0	12	0	12	0	1	0	0	0	0	0
		F	Mean Length					766		862		982			
			Std. Error					27		14		-			
			Range					696- 819		817- 910		982- 982			
			Sample Size	0	0	0	0	4	0	6	0	1	0	0	0
	6/26,7/2,9 [T]	M	Mean Length			549		778		866					
	(6/26,7/2,9,8/4,7,		Std. Error			17		31		-					
	11,14,18,21,25,28)		Range			461- 609		572- 893		866- 866					
	(Restricted Mesh Size)		Sample Size	0	0	9	0	10	0	1	0	0	0	0	0
		F	Mean Length					806		848					
			Std. Error					25		5					
			Range					781- 831		843- 852					
			Sample Size	0	0	0	0	2	0	2	0	0	0	0	0
	Total	M	Mean Length			596		738		863		972			
	(Unrestricted Mesh Size)		Range			461- 845		514- 922		683- 983		943-1020			
			Sample Size	0	0	19	0	127	0	26	0	3	0	0	0
		F	Mean Length			907		790		867		957			
			Range			907- 907		696- 968		811- 954		860-1002			
			Sample Size	0	0	1	0	36	0	32	0	5	0	0	0
	Total	M	Mean Length			549		778		866					
	(Restricted Mesh Size)		Range			461- 609		572- 893		866- 866					
			Sample Size	0	0	9	0	10	0	1	0	0	0	0	0
		F	Mean Length					806		848					
			Range					781- 831		843- 852					
			Sample Size	0	0	0	0	2	0	2	0	0	0	0	0
	Season	M	Mean Length			570		736		829		986			
	(Restricted & Unrestricted		Range			461- 845		514- 922		683- 983		943-1020			
	Mesh Size)		Sample Size	0	0	28	0	137	0	27	0	3	0	0	0
		F	Mean Length			907		787		871		951			
			Range			907- 907		696- 968		811- 954		860-1002			
			Sample Size	0	0	1	0	38	0	34	0	5	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 14 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1981	6/10	M	Mean Length			549		735		826		959			
	(6/10)		Std. Error			17		8		10		1			
	(Unrestricted Mesh Size)		Range			530- 582		520- 884		691- 981		957- 960			
			Sample Size	0	0	3	0	52	0	45	0	2	0	0	0
		F	Mean Length					780		866		939			
			Std. Error					28		5		7			
			Range					670- 930		745- 973		900- 985			
			Sample Size	0	0	0	0	12	0	58	0	11	0	0	0
	6/16	M	Mean Length			540		730		858					
	(6/16)		Std. Error			14		4		20					
	(Unrestricted Mesh Size)		Range			522- 568		649- 842		592- 971					
			Sample Size	0	0	3	0	78	0	19	0	0	0	0	0
		F	Mean Length					763		875		933			
			Std. Error					23		6		35			
			Range					688- 826		777- 996		891-1002			
			Sample Size	0	0	0	0	5	0	65	0	3	0	0	0
	6/22	M	Mean Length			580		722		846					
	(6/22)		Std. Error			14		17		24					
	(Unrestricted Mesh Size)		Range			535- 729		622- 889		741- 960					
			Sample Size	0	0	13	0	18	0	10	0	0	0	0	0
		F	Mean Length					792		897		1040			
			Std. Error					-		14		-			
			Range					792- 792		820- 972		1040-1040			
			Sample Size	0	0	0	0	1	0	11	0	1	0	0	0
	6/25,29,7/2,6,9 [f]	M	Mean Length			588		705		830					
	(6/25,26,29,7/2,		Std. Error			12		14		45					
	6,9,8/3,6,10,13,		Range			515- 644		618- 804		470- 938					
	17,20,24,27,31)		Sample Size	0	0	12	0	17	0	10	0	0	0	0	0
	(Restricted Mesh Size)														
		F	Mean Length					813		880		852			
			Std. Error					35		9		-			
			Range					743- 853		802- 941		852- 852			
			Sample Size	0	0	0	0	3	0	14	0	1	0	0	0
	Total	M	Mean Length			556		729		843		959			
	(Unrestricted Mesh Size)		Range			522- 729		520- 889		592- 981		957- 960			
			Sample Size	0	0	19	0	148	0	74	0	2	0	0	0
		F	Mean Length					778		879		971			
			Range					670- 930		745- 996		891-1040			
			Sample Size	0	0	0	0	18	0	134	0	15	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 15 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Total	M	Mean Length			588		705		830					
	(Restricted Mesh Size)		Range			515- 644		618- 804		470- 938					
			Sample Size	0	0	12	0	17	0	10	0	0	0	0	0
		F	Mean Length					813		880		852			
			Range					743- 853		802- 941		852- 852			
			Sample Size	0	0	0	0	3	0	14	0	1	0	0	0
	Season	M	Mean Length			578		726		838		959			
	(Restricted & Unrestricted		Range			515- 729		520- 889		470- 981		957- 960			
	Mesh Size)		Sample Size	0	0	31	0	165	0	84	0	2	0	0	0
		F	Mean Length					784		875		933			
			Range					670- 930		745- 996		852-1040			
			Sample Size	0	0	0	0	21	0	148	0	16	0	0	0
1982	6/14	M	Mean Length			512		715		829			685		
	(6/14)		Std. Error			-		13		14			-		
	(Unrestricted Mesh Size)		Range			512- 512		605- 804		649-1021			685- 685		
			Sample Size	0	0	1	0	17	0	37	0	0	1	0	0
		F	Mean Length			816		846		858		908			
			Std. Error			-		-		9		25			
			Range			816- 816		846- 846		755- 965		852- 986			
			Sample Size	0	0	1	0	1	0	36	0	5	0	0	0
	6/17	M	Mean Length			558		727		833					
	(6/17)		Std. Error			23		9		14					
	(Unrestricted Mesh Size)		Range			469- 598		564- 848		666-1178					
			Sample Size	0	0	5	0	37	0	49	0	0	0	0	0
		F	Mean Length					974		864		959			
			Std. Error					-		7		18			
			Range					974- 974		727- 976		907-1017			
			Sample Size	0	0	0	0	1	0	66	0	7	0	0	0
	6/21	M	Mean Length			514		724		821		888			
	(6/21)		Std. Error			12		10		10		-			
	(Unrestricted Mesh Size)		Range			474- 545		640- 881		670-1015		888- 888			
			Sample Size	0	0	6	0	33	0	53	0	1	0	0	0
		F	Mean Length					791		867					
			Std. Error					17		7					
			Range					770- 824		719- 970					
			Sample Size	0	0	0	0	3	0	69	0	0	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 16 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/24	M	Mean Length		372	545		704		865		1041			
	(6/24)		Std. Error		-	7		12		14		-			
	(Unrestricted Mesh Size)		Range		372- 372	498- 582		478- 798		703-1039		1041-1041			
			Sample Size	0	1	15	0	41	0	38	0	1	0	0	0
		F	Mean Length					816		867		958			
			Std. Error					14		7		21			
			Range					785- 861		784- 984		899-1047			
			Sample Size	0	0	0	0	5	0	53	0	7	0	0	0
	6/28,30,7/5,8,12,8/19 [r]	M	Mean Length		380	534		684		911					
	(6/28,30,7/2,5,8,		Std. Error		-	6		14		21					
	12,29,8/2,5,9,12,		Range		380- 380	453- 610		551- 839		747- 985					
	16,19,23,26,30)		Sample Size	0	1	50	0	24	0	12	0	0	0	0	0
	(Restricted Mesh Size)														
		F	Mean Length					805		883		950			
			Std. Error					19		8		-			
			Range					760- 864		780-1005		950- 950			
			Sample Size	0	0	0	0	5	0	32	0	1	0	0	0
	Total	M	Mean Length		372	532		718		837		965	685		
	(Unrestricted Mesh Size)		Range		372- 372	469- 598		478- 881		649-1178		888-1041	685- 685		
			Sample Size	0	1	27	0	128	0	177	0	2	1	0	0
		F	Mean Length			816		857		864		942			
			Range			816- 816		770- 974		719- 984		852-1047			
			Sample Size	0	0	1	0	10	0	224	0	19	0	0	0
	Total	M	Mean Length		380	534		684		911					
	(Restricted Mesh Size)		Range		380- 380	453- 610		551- 839		747- 985					
			Sample Size	0	1	50	0	24	0	12	0	0	0	0	0
		F	Mean Length					805		883		950			
			Range					760- 864		780-1005		950- 950			
			Sample Size	0	0	0	0	5	0	32	0	1	0	0	0
	Season	M	Mean Length		376	535		714		838		949	685		
	(Restricted & Unrestricted		Range		372- 380	453- 610		478- 881		649-1178		888-1041	685- 685		
	Mesh Size)		Sample Size	0	2	77	0	152	0	189	0	2	1	0	0
		F	Mean Length			816		819		867		947			
			Range			816- 816		760- 974		719-1005		852-1047			
			Sample Size	0	0	1	0	15	0	256	0	20	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 17 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1983	6/13	M	Mean Length			566		748		862		920	813		
	(6/13)		Std. Error			12		7		5		17	21		
	(Unrestricted Mesh Size)		Range			485- 682		630- 905		660-1082		756-1035	756- 903		
			Sample Size	0	0	17	0	57	0	176	0	16	7	0	0
		F	Mean Length					817		866		920	860		
			Std. Error					16		4		12	34		
			Range					685- 936		729- 998		784-1070	788- 970		
			Sample Size	0	0	0	0	14	0	177	0	26	5	0	0
	6/16	M	Mean Length		458	545		730		854		935			
	(6/16)		Std. Error		-	13		8		6		23			
	(Unrestricted Mesh Size)		Range		458- 458	475- 607		563- 909		682-1060		800-1105			
			Sample Size	0	1	12	0	65	0	163	0	13	0	0	0
		F	Mean Length					773		854		908			
			Std. Error					14		4		13			
			Range					544- 884		705-1004		761-1009			
			Sample Size	0	0	0	0	25	0	204	0	26	0	0	0
	6/20,23	M	Mean Length			540		694		854		941			
	(6/20,23)		Std. Error			6		13		16		101			
	(Unrestricted Mesh Size)		Range			454- 666		545- 772		750-1002		840-1042			
			Sample Size	0	0	53	0	19	0	21	0	2	0	0	0
		F	Mean Length			855		760		856		915			
			Std. Error			15		26		12		28			
			Range			840- 870		682- 840		740- 952		875- 970			
			Sample Size	0	0	2	0	7	0	25	0	3	0	0	0
	6/27-8/1 [†]	M	Mean Length		499	556		701		878		970			
	(6/27-8/26)		Std. Error		12	7		17		22		-			
	(Restricted Mesh Size)		Range		453- 532	465- 639		560- 894		545-1017		970- 970			
			Sample Size	0	6	35	0	20	0	21	0	1	0	0	0
		F	Mean Length					799		876		851			
			Std. Error					25		17		-			
			Range					633- 855		737-1004		851- 851			
			Sample Size	0	0	0	0	9	0	24	0	1	0	0	0
	Total	M	Mean Length		458	550		724		857		932	813		
	(Unrestricted Mesh Size)		Range		458- 458	454- 682		545- 909		660-1082		756-1105	756- 903		
			Sample Size	0	1	82	0	141	0	360	0	31	7	0	0
		F	Mean Length			855		783		859		914	860		
			Range			840- 870		544- 936		705-1004		761-1070	788- 970		
			Sample Size	0	0	2	0	46	0	406	0	55	5	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 18 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Total	M	Mean Length		499	556		701		878		970			
	(Restricted Mesh Size)		Range		453- 532	465- 639		560- 894		545-1017		970- 970			
			Sample Size	0	6	35	0	20	0	21	0	1	0	0	0
		F	Mean Length					799		876		851			
			Range					633- 855		737-1004		851- 851			
			Sample Size	0	0	0	0	9	0	24	0	1	0	0	0
	Season	M	Mean Length		498	548		713		862		935	813		
	(Restricted & Unrestricted		Range		453- 532	454- 682		545- 909		545-1082		756-1105	756- 903		
	Mesh Size)		Sample Size	0	7	117	0	161	0	381	0	32	7	0	0
		F	Mean Length			855		786		863		910	860		
			Range			840- 870		544- 936		705-1004		761-1070	788- 970		
			Sample Size	0	0	2	0	55	0	430	0	56	5	0	0
1984	6/18	M	Mean Length			592		727		843	690	839	855		
	(6/18)		Std. Error			31		6		13	20	22	103		
	(Unrestricted Mesh Size)		Range			370- 800		580- 900		610-1085	670- 710	745- 935	680-1035		
			Sample Size	0	0	13	0	85	0	57	2	10	3	0	0
		F	Mean Length					807		886	880	886	873		
			Std. Error					16		7	10	12	27		
			Range					748- 850		766-1020	870- 890	770- 979	825- 920		
			Sample Size	0	0	0	0	8	0	69	2	19	3	0	0
	6/21	M	Mean Length			566		702	452	846	734	885	823		
	(6/21)		Std. Error			12		9	-	13	-	19	91		
	(Unrestricted Mesh Size)		Range			492- 782		498- 947	452- 452	516-1034	734- 734	690- 960	732- 914		
			Sample Size	0	0	33	0	74	1	54	1	13	2	0	0
		F	Mean Length					832		879		875	833		
			Std. Error					22		9		21	26		
			Range					689- 915		509- 980		647- 955	754- 916		
			Sample Size	0	0	0	0	9	0	62	0	14	5	0	0
	6/25,28,7/2,5,9,12,16 [r]	M	Mean Length		482	557		708	539	898	630	827			
	(6/25,28,7/2,5,9,12,16,		Std. Error		4	8		12	-	17	29	-			
	30,8/2,6,9,13,16,20		Range		478- 485	485- 626		545-1015	539- 539	777-1005	601- 658	827- 827			
	23,27,30,9/3)		Sample Size	0	2	23	0	50	1	17	2	1	0	0	0
	(Restricted Mesh Size)														
		F	Mean Length					733		879		970			
			Std. Error					30		12		22			
			Range					639- 854		806- 982		925-1031			
			Sample Size	0	0	0	0	8	0	14	0	4	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 19 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Total	M	Mean Length			579		715	452	845	712	862	839		
	(Unrestricted Mesh Size)		Range			370- 800		498- 947	452- 452	516-1085	670- 734	690- 960	680-1035		
			Sample Size	0	0	46	0	159	1	111	3	23	5	0	0
		F	Mean Length					820		883	880	881	853		
			Range					689- 915		509- 1020	870- 890	647- 979	754- 920		
			Sample Size	0	0	0	0	17	0	131	2	33	8	0	0
	Total	M	Mean Length		482	557		708	539	898	630	827			
	(Restricted Mesh Size)		Range		478- 485	485- 626		545-1015	539- 539	777-1005	601- 658	827- 827			
			Sample Size	0	2	23	0	50	1	17	2	1	0	0	0
		F	Mean Length					733		879		970			
			Range					639- 854		806- 982		925-1031			
			Sample Size	0	0	0	0	8	0	14	0	4	0	0	0
	Season	M	Mean Length		482	564		713	523	862	653	855	846		
	(Restricted & Unrestricted		Range		478- 485	370- 800		498-1015	452- 539	516-1085	601- 734	690- 960	680-1035		
	Mesh Size)		Sample Size	0	2	69	0	209	2	128	5	24	5	0	0
		F	Mean Length					766		883	880	911	853		
			Range					639- 915		509-1020	870- 890	647-1031	754- 920		
			Sample Size	0	0	0	0	25	0	145	2	37	8	0	0
1985	6/20	M	Mean Length			560		675	506	792		829			
	(6/20)		Std. Error			7		6	-	16		33			
			Range			458- 749		560- 839	506- 506	499- 998		722-1000			
			Sample Size	0	0	63	0	94	1	52	0	8	0	0	0
		F	Mean Length			639		738		852		871			
			Std. Error			18		11		10		15			
			Range			563- 834		599- 919		558-1005		756- 951			
			Sample Size	0	0	14	0	50	0	67	0	16	0	0	0
	6/24	M	Mean Length			549		642		853					
	(6/24)		Std. Error			16		20		46					
			Range			482- 908		568- 746		572-1044					
			Sample Size	0	0	26	0	9	0	12	0	0	0	0	0
		F	Mean Length			559		684		831		898			
			Std. Error			7		29		22		30			
			Range			537- 590		583- 821		549-1032		825- 950			
			Sample Size	0	0	7	0	8	0	25	0	4	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 20 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/27	M	Mean Length			560		673		824		811			
	(6/27)		Std. Error			9		16		44		-			
			Range			475- 720		530- 806		525- 942		811- 811			
			Sample Size	0	0	29	0	25	0	10	0	1	0	0	0
		F	Mean Length			687		702		851		945			
			Std. Error			75		41		21		35			
			Range			553- 879		590- 865		759- 960		910- 980			
			Sample Size	0	0	5	0	7	0	9	0	2	0	0	0
	7/1,4	M	Mean Length			557		708	582	829					
	(7/1,4,8/1,5,8,12,		Std. Error			10		17	-	41					
	15,19,22,26,29)		Range			477- 700		555- 860	582- 582	607-1055					
			Sample Size	0	0	31	0	20	1	11	0	0	0	0	0
		F	Mean Length			608		837		827		952			
			Std. Error			29		21		31		-			
			Range			573- 665		780- 910		490-1035		952- 952			
			Sample Size	0	0	3	0	6	0	17	0	1	0	0	0
	Season	M	Mean Length			556		680	572	827		822			
	(Restricted Mesh Size)		Range			458- 908		530- 860	506- 582	499-1055		722-1000			
			Sample Size	0	0	149	0	148	2	85	0	9	0	0	0
		F	Mean Length			612		736		836		905			
			Range			537- 879		583- 919		490-1035		756- 980			
			Sample Size	0	0	29	0	71	0	118	0	23	0	0	0
1986	6/26	M	Mean Length		495	545		668		781					
	(6/26)		Std. Error		-	15		13		35					
			Range		495- 495	450- 644		540- 821		683- 972					
			Sample Size	0	1	11	0	24	0	8	0	0	0	0	0
		F	Mean Length					794		860		922			
			Std. Error					22		16		22			
			Range					680- 880		805- 929		890- 965			
			Sample Size	0	0	0	0	8	0	9	0	3	0	0	0
	6/30	M	Mean Length		489	576		663		870					
	(6/30)		Std. Error		-	21		16		37					
			Range		489- 489	553- 617		541- 789		758- 912					
			Sample Size	0	1	3	0	17	0	4	0	0	0	0	0
		F	Mean Length			583		746		871		919			
			Std. Error			-		24		17		18			
			Range			583- 583		662- 819		821- 936		885- 948			
			Sample Size	0	0	1	0	7	0	7	0	3	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 21 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/3,7,10	M	Mean Length		526	525		670		808					
	(7/3,7,10,31,8/4,7,11,		Std. Error		-	13		18		1					
	13,15,18,21,25,9/1)		Range		526- 526	500- 545		529- 835		806- 809					
			Sample Size	0	1	3	0	19	0	2	0	0	0	0	0
		F	Mean Length					789		848		962			
			Std. Error					22		10		-			
			Range					758- 832		817- 880		962- 962			
			Sample Size	0	0	0	0	3	0	5	0	1	0	0	0
	Season	M	Mean Length		508	544		668		807					
	(Restricted Mesh Size)		Range		489- 526	450- 644		529- 835		683- 972					
			Sample Size	0	3	17	0	60	0	14	0	0	0	0	0
		F	Mean Length			583		778		859		930			
			Range			583- 583		662- 880		805- 936		885- 965			
			Sample Size	0	0	1	0	18	0	21	0	7	0	0	0
1987	6/18	M	Mean Length			551		680		832		907			
	(6/18,24,7/3,7,11,15,		Range			460- 780		485- 852		650-1015		830- 990			
	20,8/6,13,17,19,21,		Sample Size	0	0	250	0	71	0	105	0	3	0	0	0
	24,27,31,9/3,7)														
	Season	F	Mean Length			555		737		860		803			
	(Restricted Mesh Size)		Range			505- 645		576- 845		521-1040		545- 935			
			Sample Size	0	0	9	0	15	0	91	0	5	0	0	0
1988	6/16	M	Mean Length			542		697		810		857			
	(6/16)		Std. Error			8		8		29		37			
			Range			265- 624		521- 899		619-1000		772-1020			
			Sample Size	0	0	49	0	76	0	15	0	6	0	0	0
		F	Mean Length			589		726		829		902			
			Std. Error			11		10		16		17			
			Range			546- 663		600- 906		636- 966		766- 982			
			Sample Size	0	0	9	0	55	0	32	0	15	0	0	0
	6/20	M	Mean Length			555		694		729		1087			
	(6/20)		Std. Error			8		9		36		58			
			Range			444- 927		442- 940		491-1012		1029-1145			
			Sample Size	0	0	80	0	74	0	16	0	2	0	0	0
		F	Mean Length			576		718		858		890			
			Std. Error			21		10		15		17			
			Range			502- 692		521- 899		691-1033		770- 981			
			Sample Size	0	0	10	0	65	0	27	0	15	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 22 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/24,28,7/2,5	M	Mean Length			540		681		846		815			
	(6/24,28,7/2,5,8,11,14,		Std. Error			9		14		40		-			
	18,21,25,28,8/1,4,8,10,		Range			465- 672		510- 800		726-1039		815- 815			
	12,15,18,20,27,31)		Sample Size	0	0	32	0	27	0	9	0	1	0	0	0
		F	Mean Length			574		741		869		962			
			Std. Error			12		21		19		41			
			Range			562- 586		606- 842		742- 972		861-1058			
			Sample Size	0	0	2	0	12	0	12	0	4	0	0	0
	Season	M	Mean Length			544		688		821		866			
	(Restricted Mesh Size)		Range			265- 927		442- 940		491-1039		772-1145			
			Sample Size	0	0	161	0	177	0	40	0	9	0	0	0
		F	Mean Length			579		729		857		927			
			Range			502- 692		521- 906		636-1033		766-1058			
			Sample Size	0	0	21	0	132	0	71	0	34	0	0	0
1989	6/19	M	Mean Length			568		661	558	904	686		897		
	(6/19)		Std. Error			7		19	36	18	24		28		
			Range			480- 669		475- 801	522- 594	704-1045	634- 791		846- 945		
			Sample Size	0	0	37	0	19	2	32	6	0	4	0	0
		F	Mean Length			563		805	574	888		966	871		
			Std. Error			12		38	-	11		33	17		
			Range			551- 574		709- 968	574- 574	727-1022		933- 999	830- 912		
			Sample Size	0	0	2	0	6	1	29	0	2	4	0	0
	6/23	M	Mean Length			554		660	587	816	572	996			
	(6/23)		Std. Error			11		23	7	41	35	36			
			Range			420- 675		511- 798	580- 593	616- 992	537- 642	960-1032			
			Sample Size	0	0	24	0	14	2	11	3	2	0	0	0
		F	Mean Length			599		670	598	860	680	941	883		
			Std. Error			8		15	16	20	-	23	51		
			Range			526- 672		565- 839	552- 628	711- 998	680- 680	870-1028	832- 934		
			Sample Size	0	0	22	0	19	4	17	1	7	2	0	0
	6/26,30,7/3,5	M	Mean Length			581		700	541	795		968	794		
	(6/26,30,7/3,5,8,11,14,		Std. Error			9		19	15	46		6	-		
	18,27,8/3,7,9,12,15,		Range			486- 673		565- 884	520- 570	562-1064		956- 976	794- 794		
	18,23,26,29,9/1,10)		Sample Size	0	0	27	0	19	3	11	0	3	1	0	0
		F	Mean Length			535		714		883		884			
			Std. Error			-		18		19		31			
			Range			535- 535		680- 739		750- 991		853- 915			
			Sample Size	0	0	1	0	3	0	11	0	2	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 23 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length			576		691	546	833	655	970	839		
	(Restricted Mesh Size)		Range			420- 675		475- 884	520- 594	562-1064	537- 791	956-1032	794- 945		
			Sample Size	0	0	88	0	52	7	54	9	5	5	0	0
		F	Mean Length			581		712	592	881	680	910	874		
			Range			526- 672		565- 968	552- 628	711-1022	680- 680	853-1028	830- 934		
			Sample Size	0	0	25	0	28	5	57	1	11	6	0	0
1990	6/20, 25	M	Mean Length			566		712		780		926			
	(6/20, 25)		Std. Error			4		8		20		55			
			Range			465- 687		465- 885		582- 866		786-1039			
			Sample Size	0	0	121	0	73	0	20	0	4	0	0	0
		F	Mean Length			609		749		851		915			
			Std. Error			5		24		26		16			
			Range			604- 614		538- 868		598- 972		884- 935			
			Sample Size	0	0	2	0	16	0	16	0	3	0	0	0
	6/29; 7/5, 9	M	Mean Length			577		733		843		892			
	(6/29; 7/5, 9, 14)		Std. Error			8		12		24		35			
			Range			465- 678		513- 875		652-1027		815- 983			
			Sample Size	0	0	45	0	50	0	17	0	4	0	0	0
		F	Mean Length			615		8Table 26.		896		962			
			Std. Error			-		13		17		1			
			Range			615- 615		731- 914		739- 973		960- 964			
			Sample Size	0	0	1	0	14	0	18	0	3	0	0	0
	Season	M	Mean Length			569		720		809		911			
	(Restricted Mesh Size)		Range			465- 687		465- 885		582-1027		786-1039			
			Sample Size	0	0	166	0	123	0	37	0	8	0	0	0
		F	Mean Length			611		787		875		938			
			Range			604- 615		538- 914		598- 973		884- 964			
			Sample Size	0	0	3	0	Table 26.	0	34	0	6	0	0	0
1991	6/20	M	Mean Length			548		674	558	820	714				1004
	(6/20, 24)		Std. Error			6		13	23	28	46				-
			Range			448- 681		508- 806	515- 665	652- 992	584- 923				1004-1004
			Sample Size	0	0	45	0	33	6	11	6	0	0	0	1
		F	Mean Length			607		770	612	869		919	914		1032
			Std. Error			17		16	-	10		33	1		-
			Range			563- 646		657- 896	612- 612	742- 964		861- 980	912- 915		1032-1032
			Sample Size	0	0	4	0	18	1	27	0	4	3	0	1

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 24 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/24	M	Mean Length		Length data is not available; suspected error with fish measuring board.										
			Std. Error												
			Range												
			Sample Size	0	0	0	0	0	0	0	0	0	0	0	0
		F	Mean Length		Length data is not available; suspected error with fish measuring board.										
			Std. Error												
			Range												
			Sample Size	0	0	0	0	0	0	0	0	0	0	0	0
	7/6	M	Mean Length			561		758		811					
	(7/1, 6)		Std. Error			14		19		46					
			Range			477- 707		665- 865		537- 933					
			Sample Size	0	0	20	0	14	0	8	0	0	0	0	0
		F	Mean Length					812		846		924			
			Std. Error					35		13		20			
			Range					684- 877		718- 950		885- 949			
			Sample Size	0	0	0	0	5	0	20	0	3	0	0	0
	7/13	M	Mean Length			593		787		896					
	(7/13)		Std. Error			15		27		37					
			Range			516- 676		616- 875		794-1001					
			Sample Size	0	0	12	0	10	0	5	0	0	0	0	0
		F	Mean Length			547		733		897		880			
			Std. Error			20		98		17		-			
			Range			511- 602		538- 844		807- 973		880- 880			
			Sample Size	0	0	4	0	3	0	9	0	1	0	0	0
	7/18	M	Mean Length			550		761	408	860			850		
	(7/18, 22, 25)		Std. Error			28		79	-	Table 26.			-		
			Range			447- 649		682- 840	408- 408	able 26.- 890			850- 850		
			Sample Size	0	0	8	0	2	1	2	0	0	1	0	0
		F	Mean Length			604		862		903			897		
			Std. Error			-		-		Table 26.			-		
			Range			604- 604		862- 862		864- 961			897- 897		
			Sample Size	0	0	1	0	1	0	3	0	0	1	0	0
	Season	M	Mean Length			552		697	549	822	714		850		1004
	(Restricted Mesh Size)		Range			447- 707		508- 875	408- 665	537-1001	584- 923		850- 850		1004-1004
			Sample Size	0	0	85	0	59	7	26	6	0	1	0	1
		F	Mean Length			601		777	612	864		920	912		1032
			Range			511- 646		538- 896	612- 612	718- 973		861- 980	897- 915		1032-1032
			Sample Size	0	0	9	0	27	1	59	0	8	4	0	1

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 25 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1992	6/18	M	Mean Length		380	530		660	539	860		875			
	(6/18)		Std. Error		-	4		9	-	24		-			
			Range		380- 380	450- 641		470- 783	539- 539	690-1010		875- 875			
			Sample Size	0	1	73	0	60	1	15	0	1	0	0	0
		F	Mean Length			851		739		852		887			
			Std. Error			42		20		8		24			
			Range			809- 893		660- 830		739- 925		848- 930			
			Sample Size	0	0	2	0	9	0	29	0	3	0	0	0
	6/22	M	Mean Length		401	527		683		803					
	(6/22)		Std. Error		11	5		12		29					
			Range		385- 435	430- 690		535- 821		600- 956					
			Sample Size	0	4	86	0	38	0	14	0	0	0	0	0
		F	Mean Length			588		739		857		930			
			Std. Error			8		14		12		-			
			Range			569- 610		655- 845		737- 957		930- 930			
			Sample Size	0	0	5	0	17	0	26	0	1	0	0	0
	6/25	M	Mean Length		355	530		699		812					
	(6/25)		Std. Error		-	5		15		22					
			Range		355- 355	420- 610		515- 858		672- 980					
			Sample Size	0	1	60	0	27	0	14	0	0	0	0	0
		F	Mean Length					806		856		865	835		
			Std. Error					17		10		-	-		
			Range					756- 855		758- 950		865- 865	835- 835		
			Sample Size	0	0	0	0	5	0	28	0	1	1	0	0
	6/29	M	Mean Length		390	541		693	574	823		1435			
	(6/29-7/6)		Std. Error		-	5		12	-	18		-			
			Range		390- 390	405- 639		516- 891	574- 574	663-1000		1435-1435			
			Sample Size	0	1	99	0	41	1	19	0	1	0	0	0
		F	Mean Length					790		857		960			
			Std. Error					27		9		-			
			Range					730- 840		770- 940		960- 960			
			Sample Size	0	0	0	0	4	0	28	0	1	0	0	0
	Season	M	Mean Length		391	532		681	558	822		1176			
	(Restricted Mesh Size)		Range		355- 435	405- 690		470- 891	539- 574	600-1010		875-1435			
			Sample Size	0	7	318	0	166	2	62	0	2	0	0	0
		F	Mean Length			643		754		856		904	835		
			Range			569- 893		655- 855		737- 957		848- 960	835- 835		
			Sample Size	0	0	7	0	35	0	111	0	6	1	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 26 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1993	6/25	M	Mean Length			545		692		815	726		1250		
			Range			422- 661		495- 821		591- 975	639- 843		1250-1250		
			Sample Size	0	0	63	0	22	0	5	5	0	1	0	0
	Season	F	Mean Length							795					900
	(Restricted Mesh Size)		Range							724- 839					900- 900
			Sample Size	0	0	0	0	0	0	5	0	0	0	0	1
1994	6/24	M	Mean Length		606	545		693	567	811	705	842			
			Range		606- 606	473- 762		478- 910	503- 715	553- 980	705- 705	793- 890			
			Sample Size	0	1	35	0	85	4	31	1	2	0	0	0
	Season	F	Mean Length			519		751		845	594	892	796		
	(Restricted Mesh Size)		Range			519- 519		543- 885		618- 945	594- 594	888- 895	752- 839		
			Sample Size	0	0	1	0	20	0	23	1	2	2	0	0
1995	6/22	M	Mean Length		412	551		717		827					
	(6/22)		Std. Error		-	6		16		19					
			Range		412- 412	445- 859		544- 912		578- 1075					
			Sample Size	0	1	74	0	26	0	38	0	0	0	0	0
		F	Mean Length			653		735		837					
			Std. Error			59		35		8					
			Range			594-712		610- 824		704- 955					
			Sample Size	0	0	2	0	6	0	49	0	0	0	0	0
	6/26	M	Mean Length			541		718		829					
	(6/26)		Std. Error			6		16		12					
			Range			458- 657		538- 937		654- 975					
			Sample Size	0	0	58	0	25	0	43	0	0	0	0	0
		F	Mean Length			626		752		870		857			
			Std. Error			9		35		8		62			
			Range			608- 645		659- 897		735- 962		795- 919			
			Sample Size	0	0	4	0	8	0	49	0	2	0	0	0
	6/29	M	Mean Length			556		677		828					
	(6/29)		Std. Error			11		17		24					
			Range			478- 849		565- 780		595- 990					
			Sample Size	0	0	38	0	14	0	20	0	0	0	0	0
		F	Mean Length					682		853		871			
			Std. Error					25		9		0			
			Range					617- 739		759- 955		871- 871			
			Sample Size	0	0	0	0	4	0	Table 26.	0	1	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 27 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/3	M	Mean Length			551		754		842		1010			
	(7/3,6,10,14,18,21,		Std. Error			9		27		15		-			
	8/4,8,12,16,19,22,		Range			452- 648		602- 852		715- 942		1010- 1010			
	26,29,9/1)		Sample Size	0	0	26	0	10	0	23	0	1	0	0	0
		F	Mean Length					912		857					
			Std. Error					-		9					
			Range					912- 912		786- 936					
			Sample Size	0	0	0	0	1	0	24	0	0	0	0	0
	Season	M	Mean Length		412	549		718		832		1010			
	(Restricted Mesh Size)		Range		412- 412	445- 859		538- 937		578- 1075		1010- 1010			
			Sample Size	0	1	196	0	75	0	124	0	1	0	0	0
		F	Mean Length			633		747		856		861			
			Range			594- 712		610- 912		704- 955		795- 919			
			Sample Size	0	0	6	0	19	0	122	0	3	0	0	0
1996	6/17	M	Mean Length		400	533		681		815	734	878			
	(6/17)		Std. Error		-	4		7		16	-	18			
			Range		400- 400	455- 640		563- 828		700- 895	734- 734	5- 9Table 26.			
			Sample Size	0	1	81	0	74	0	15	1	5	0	0	0
		F	Mean Length					757		803		843			
			Std. Error					28		9		43			
			Range					645- 819		737- 884		764- 910			
			Sample Size	0	0	0	0	6	0	19	0	3	0	0	0
	6/20	M	Mean Length			528		673		785		873			
	(6/20)		Std. Error			6		7		15		29			
			Range			462- 606		519- 842		639- 941		728- 983			
			Sample Size	0	0	48	0	81	0	22	0	10	0	0	0
		F	Mean Length			608		722		847		871			
			Std. Error			-		20		15		23			
			Range			608- 608		602- 839		751- 936		720- 941			
			Sample Size	0	0	1	0	14	0	17	0	9	0	0	0
	6/24	M	Mean Length			539		643		845		881			
	(6/24)		Std. Error			17		23		-		22			
			Range			476- 603		522- 740		845- 845		825- 945			
			Sample Size	0	0	7	0	12	0	1	0	5	0	0	0
		F	Mean Length							824		871			
			Std. Error							4		-			
			Range							820- 828		871- 871			
			Sample Size	0	0	0	0	0	0	2	0	1	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 28 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/2	M	Mean Length		365	514		689		779		871			
	(7/2)		Std. Error		-	12		18		45		24			
			Range		365- 365	452- 599		520- 867		627- 924		847- 894			
			Sample Size	0	1	13	0	26	0	7	0	2	0	0	0
		F	Mean Length					867		844		870		875	
			Std. Error					-		11		30		-	
			Range					867- 867		770- 918		774- 950		875- 875	
			Sample Size	0	0	0	0	1	0	15	0	6	0	1	0
	7/5	M	Mean Length			534		720		868					
	(7/5)		Std. Error			11		17		25					
			Range			479- 581		672- 779		766- 938					
			Sample Size	0	0	10	0	6	0	6	0	0	0	0	0
		F	Mean Length					811		882		799			
			Std. Error					2		48		-			
			Range					809- 812		824- 977		799- 799			
			Sample Size	0	0	0	0	2	0	3	0	1	0	0	0
	7/8	M	Mean Length			518		686		762		890			
	(7/8)		Std. Error			20		29		58		70			
			Range			460- 570		578- 806		704- 820		820- 960			
			Sample Size	0	0	5	0	9	0	2	0	2	0	0	0
		F	Mean Length					897		800					
			Std. Error					-		24					
			Range					897- 897		761- 845					
			Sample Size	0	0	0	0	1	0	3	0	0	0	0	0
	7/12	M	Mean Length			571		699		803		857			
	(7/12,16,19,22,25,		Std. Error			30		17		26		-			
	29,31,8/3,7,10,13,		Range			498- 641		593- 772		775- 880		857- 857			
	16,20,23,26)		Sample Size	0	0	4	0	12	0	4	0	1	0	0	0
		F	Mean Length					862		811		903			
			Std. Error					5		26		7			
			Range					857- 866		785- 862		888- 910			
			Sample Size	0	0	0	0	2	0	3	0	3	0	0	0
	Season	M	Mean Length		385	535		680		804	734	873			
	(Restricted Mesh Size)		Range		365- 400	452- 641		519- 867		627- 941	734- 734	728- 983			
			Sample Size	0	2	168	0	220	0	57	1	25	0	0	0
		F	Mean Length			608		777		827		876		875	
			Range			608- 608		602- 897		737- 977		720- 950		875- 875	
			Sample Size	0	0	1	0	26	0	62	0	23	0	1	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 29 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1997 [b]	6/23	M	Mean Length			563		696		831					
			Range			457- 680		567- 820		686- 962					
			Sample Size	0	0	84	0	26	0	21	0	0	0	0	0
	Season	F	Mean Length					840		846		952			
	(Restricted Mesh Size)		Range					840- 840		787- 932		952- 952			
			Sample Size	0	0	0	0	1	0	28	0	1	0	0	0
1998 [b]	6/24	M	Mean Length		430	564		706		791					
	(6/24)		Std. Error		-	8		7		40					
			Range		430- 430	471- 639		565- 965		714- 930					
			Sample Size	0	1	26	0	75	0	5	0	0	0	0	0
		F	Mean Length			613		789		832		835			
			Std. Error			-		17		20		19			
			Range			613- 613		707- 865		631- 994		800- 864			
			Sample Size	0	0	1	0	11	0	16	0	3	0	0	0
	6/29	M	Mean Length		471	531		698		796		730			
	(6/29)		Std. Error		6	8		6		21		-			
			Range		465- 477	443- 648		568- 867		701- 890		730- 730			
			Sample Size	0	2	40	0	79	0	8	0	1	0	0	0
		F	Mean Length					798		808		766			
			Std. Error					15		21		-			
			Range					701- 865		718- 905		766- 766			
			Sample Size	0	0	0	0	13	0	9	0	1	0	0	0
	7/3	M	Mean Length		413	536		690		896					
	(7/3)		Std. Error		18	13		13		28					
			Range		395- 431	476- 673		565- 789		811- 997					
			Sample Size	0	2	14	0	24	0	6	0	0	0	0	0
		F	Mean Length			536		792		862		923			
			Std. Error			-		12		18		-			
			Range			536- 536		710- 854		790- 930		923- 923			
			Sample Size	0	0	1	0	14	0	8	0	1	0	0	0
	7/11, 22	M	Mean Length			544		717		886		900			
	(7/11,22,27,8/1,		Std. Error			9		13		21		-			
	6,11,17,22,29)		Range			460- 614		598- 850		865- 906		900- 900			
			Sample Size	0	0	24	0	28	0	2	0	1	0	0	0
		F	Mean Length					781		850		884			
			Std. Error					19		17		18			
			Range					669- 870		757- 887		865- 920			
			Sample Size	0	0	0	0	11	0	7	0	3	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 30 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		442	544		702		825		802			
	(Restricted Mesh Size)		Range		395- 477	443- 673		565- 965		701- 997		730- 900			
			Sample Size	0	5	104	0	206	0	21	0	2	0	0	0
		F	Mean Length			581		791		834		850			
			Range			536- 613		669- 870		631- 994		766- 923			
			Sample Size	0	0	2	0	49	0	40	0	8	0	0	0
1999 [b]	6/30	M	Mean Length		440	524		675		797		887			
	(6/30-8/7)		Range		440- 440	444- 617		571- 820		707- 988		887- 887			
			Sample Size	0	1	56	0	40	0	38	0	1	0	0	0
	Season	F	Mean Length					801		850		856			
	(Restricted Mesh Size)		Range					755- 857		727- 960		856- 856			
			Sample Size	0	0	0	0	4	0	49	0	1	0	0	0
2000			Samples were not collected during 2000.												
2001			Samples were not collected during 2001.												
2002			Samples were not collected during 2002.												
2003			Incomplete												
2004 [b]	6/30	M	Mean Length		481	573		669		795					
	(6/30,7/2)		Std. Error		111	5		8		23					
			Range		370- 591	458- 815		541- 840		621-1010					
			Sample Size	0	2	123	0	58	0	18	0	0	0	0	0
		F	Mean Length					789	910	831		910			
			Std. Error					13	-	15		-			
			Range					753- 811	910- 910	730- 935		910- 910			
			Sample Size	0	0	0	0	4	1	13	0	1	0	0	0
	7/6	M	Mean Length		532	583		676		860					
	(7/6-9/8)		Std. Error		11	5		14		30					
			Range		521- 542	509- 687		549- 842		779- 955					
			Sample Size	0	2	79	0	29	0	5	0	0	0	0	0
		F	Mean Length			573		752	915	856		915			
			Std. Error			-		59	-	16		-			
			Range			573- 573		693- 810	915- 915	726- 972		915- 915			
			Sample Size	0	0	1	0	2	1	15	0	1	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 31 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		515	579		673		819					
	(Restricted Mesh Size)		Range		370- 591	458- 815		541- 842		621-1010					
			Sample Size	0	4	202	0	87	0	23	0	0	0	0	0
		F	Mean Length			573		770	913	849		913			
			Range			573- 573		693- 811	910- 915	726- 972		910- 915			
			Sample Size	0	0	1	0	6	2	28	0	2	0	0	0
2005 [b]	6/24	M	Mean Length			554		691		804					
	(6/24)		Std. Error			6		7		24					
			Range			459- 696		550- 821		643- 983					
			Sample Size	0	0	65	0	69	0	15	0	0	0	0	0
		F	Mean Length					786		862					
			Std. Error					15		28					
			Range					604- 874		730-1025					
			Sample Size	0	0	0	0	20	0	13	0	0	0	0	0
	6/28	M	Mean Length			557		690		753					
	(6/28)		Std. Error			7		10		14					
			Range			480- 680		570- 815		693- 800					
			Sample Size	0	0	43	0	35	0	7	0	0	0	0	0
		F	Mean Length					767		803					
			Std. Error					29		18					
			Range					658- 868		731- 893					
			Sample Size	0	0	0	0	7	0	8	0	0	0	0	0
	6/30	M	Mean Length			577		675	623	813		800			
	(6/30)		Std. Error			7		13	-	22		-			
			Range			495- 660		515- 876	623- 623	675- 880		800- 800			
			Sample Size	0	0	38	0	40	1	8	0	1	0	0	0
		F	Mean Length					741		796					
			Std. Error					21		22					
			Range					655- 810		715- 900					
			Sample Size	0	0	0	0	6	0	9	0	0	0	0	0
	7/1	M	Mean Length			556		696		795					
	(7/1,8/2,4,5,8,9,		Std. Error			7		9		23					
	11,15,22,25,29)		Range			456- 624		565- 820		710- 920					
			Sample Size	0	0	38	0	43	0	8	0	0	0	0	0
		F	Mean Length					786		809					
			Std. Error					11		16					
			Range					738- 830		775- 865					
			Sample Size	0	0	0	0	9	0	5	0	0	0	0	0

Appendix B.2. Mean length (mm) of chinook salmon from the District 1 commercial fishery. [a] (page 32 of 32)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length			559		690	623	800		800			
	(Restricted Mesh Size)		Range			456- 696		515- 876	623- 623	643- 983		800- 800			
			Sample Size	0	0	184	0	187	1	38	0	1	0	0	0
		F	Mean Length					780		831					
			Range					604- 874		715-1025					
			Sample Size	0	0	0	0	42	0	35	0	0	0	0	0
2006 [b]	6/26	M	Mean Length		363	566		647		829		800			
	(6/26,28,8/1,3,4,7,8,10,11,14,		Range		355- 370	493- 650		527- 775		770- 920		800- 800			
	15,17,18,21,22,24,25,28,30)		Sample Size	0	2	112	0	48	0	8	0	1	0	0	0
	Season		Mean Length					785		854					
	(Restricted Mesh Size)	F	Range					735- 835		763- 900					
			Sample Size	0	0	0	0	2	0	11	0	0	0	0	0
	Grand	M	Mean Length		415	589	520	763	608	876	776	977	871		
	Total [c]		Range		372- 458	505- 689	520- 520	478- 1030	452- 764	516-1178	635- 950	690-1150	680-1110		
	(Unrestricted Mesh Size)		Sample Size	0	2	272	1	1,406	2	1,940	31	198	43	0	0
		F	Mean Length			781		819	730	891	870	955	900		954
			Range			634- 870		544- 995	730- 730	509- 1090	767- 990	647- 1100	754- 1051		856- 1056
			Sample Size	0	0	9	0	343	1	2,574	13	354	43	0	6
	Grand	M	Mean Length		452	553		702	565	836	694	907	980		1004
	Total [c]		Range		355- 606	405- 927		442- 1035	408- 715	470- 1620	537- 923	722- 1435	794- 1250		1004-1004
	(Restricted Mesh Size)		Sample Size	0	35	2,568	0	2,005	24	908	24	77	7	0	1
		F	Mean Length			591		784	706	860	637	901	854	875	966
			Range			502- 893		521- 968	552- 915	490- 1040	594- 680	545- 1058	752- 934	875- 875	900- 1032
			Sample Size	0	0	115	0	536	8	1,131	2	156	13	1	2
	Grand	M	Mean Length		433	571	520	732	586	856	735	942	925		1004
	Total [c]		Range		355- 606	405- 927	520- 520	442- 1035	408- 764	470- 1620	537- 950	690- 1435	680- 1250		1004-1004
			Sample Size	0	37	2,840	1	3,411	26	2,848	55	275	50	0	1
		F	Mean Length			686		802	718	875	753	928	877	875	960
			Range			502- 893		521- 995	552- 915	490- 1090	594- 990	545- 1100	752- 1051	875- 875	856- 1056
			Sample Size	0	0	124	0	879	9	3,705	15	510	56	1	8

a "Season" mean lengths are weighted by the commercial harvest in each stratum.
b Sex of all fish was confirmed by visual inspection of gonads.
c "Grand Total" mean lengths are simple averages of the "Season" mean lengths.
e Sampling dates do not meet criteria for estimating commercial harvest for some or all of the strata; "Season" is not included in "Grand Total".
f Mesh size restricted to 6-inches or less for chum directed commercial fishing.
g The year 1975, 1976 and 1978 are excluded because no samples were collected from chinook salmon caught during the portion of the season with restricted mesh size.

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 1 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1969	6/24	48	M	0	0.0	194	2.1	1,549	16.7	0	0.0	1,743	18.7	0	0.0	774	8.3	0	0.0	0	0.0	194	2.1	0	0.0	0	0.0	4,453	47.9
	(6/23,24)		F	0	0.0	0	0.0	0	0.0	0	0.0	387	4.2	0	0.0	4,066	43.8	0	0.0	387	4.2	0	0.0	0	0.0	0	0.0	4,840	52.1
			Subtotal	0	0.0	194	2.1	1,549	16.7	0	0.0	2,130	22.9	0	0.0	4,840	52.1	0	0.0	387	4.2	194	2.1	0	0.0	0	0.0	9,293	100.0
	7/1	108	M	0	0.0	0	0.0	1,868	65.7	0	0.0	289	10.2	0	0.0	184	6.5	0	0.0	105	3.7	26	0.9	0	0.0	0	0.0	2,473	87.0
	(6/30,7/1)		F	0	0.0	0	0.0	52	1.9	0	0.0	53	1.8	0	0.0	211	7.4	0	0.0	53	1.9	0	0.0	0	0.0	0	0.0	368	13.0
			Subtotal	0	0.0	0	0.0	1,920	67.6	0	0.0	342	12.0	0	0.0	395	13.9	0	0.0	158	5.6	26	0.9	0	0.0	0	0.0	2,841	100.0
	7/3,10	48	M	0	0.0	97	2.1	1,652	35.4	0	0.0	680	14.6	0	0.0	486	10.4	0	0.0	389	8.3	0	0.0	0	0.0	0	0.0	3,303	70.8
	(7/3,4,7,8,10,11,		F	0	0.0	0	0.0	97	2.1	0	0.0	97	2.1	0	0.0	971	20.9	0	0.0	194	4.2	0	0.0	0	0.0	0	0.0	1,360	29.2
	12,14,15,17,19,		Subtotal	0	0.0	97	2.1	1,749	37.5	0	0.0	777	16.7	0	0.0	1,457	31.3	0	0.0	583	12.5	0	0.0	0	0.0	0	0.0	4,663	100.0
	22,24-26,29,8/7																												
	8,12,15,19-21,26)																												
	Season	204	M	0	0.0	291	1.7	5,068	30.2	0	0.0	2,712	16.1	0	0.0	1,444	8.6	0	0.0	494	2.9	220	1.3	0	0.0	0	0.0	10,229	60.9
			F	0	0.0	0	0.0	150	0.9	0	0.0	537	3.2	0	0.0	5,248	31.2	0	0.0	634	3.8	0	0.0	0	0.0	0	0.0	6,568	39.1
			Total	0	0.0	291	1.7	5,218	31.1	0	0.0	3,249	19.3	0	0.0	6,692	39.8	0	0.0	1,128	6.7	220	1.3	0	0.0	0	0.0	16,797	100.0
1970	6/23,26	102	M	0	0.0	0	0.0	1,285	11.7	0	0.0	2,783	25.5	0	0.0	1,927	17.6	107	1.0	535	4.9	107	1.0	0	0.0	0	0.0	6,743	61.8
	(5/18,6/8,22,23,26)		F	0	0.0	0	0.0	107	1.0	0	0.0	535	4.9	0	0.0	2,462	22.6	214	1.9	749	6.9	107	1.0	0	0.0	0	0.0	4,175	38.2
			Subtotal	0	0.0	0	0.0	1,392	12.7	0	0.0	3,318	30.4	0	0.0	4,389	40.2	321	2.9	1,284	11.8	214	2.0	0	0.0	0	0.0	10,918	100.0
	6/30,7/3	102	M	0	0.0	0	0.0	1,617	29.4	0	0.0	1,887	34.3	0	0.0	971	17.7	54	1.0	54	1.0	0	0.0	0	0.0	0	0.0	4,583	83.3
	(7/2,3,4)		F	0	0.0	0	0.0	0	0.0	0	0.0	431	7.9	0	0.0	431	7.8	0	0.0	54	1.0	0	0.0	0	0.0	0	0.0	916	16.7
			Subtotal	0	0.0	0	0.0	1,617	29.4	0	0.0	2,318	42.2	0	0.0	1,402	25.5	54	1.0	108	2.0	0	0.0	0	0.0	0	0.0	5,499	100.0
	7/6	55	M	0	0.0	0	0.0	621	27.3	0	0.0	580	25.5	41	1.8	414	18.2	83	3.6	0	0.0	0	0.0	0	0.0	0	0.0	1,740	76.4
	(7/6,7,13,14,17,27,		F	0	0.0	0	0.0	0	0.0	0	0.0	248	10.9	0	0.0	249	10.9	0	0.0	41	1.8	0	0.0	0	0.0	0	0.0	538	23.6
	30,31,8/1,3-8,10-15,		Subtotal	0	0.0	0	0.0	621	27.3	0	0.0	828	36.4	41	1.8	663	29.1	83	3.6	41	1.8	0	0.0	0	0.0	0	0.0	2,278	100.0
	17,18,20-22,24-29,																												
	9/1,2)																												
	Season	259	M	0	0.0	0	0.0	3,523	18.8	0	0.0	5,250	28.1	41	0.2	3,311	17.7	244	1.3	589	3.2	107	0.6	0	0.0	0	0.0	13,066	69.9
			F	0	0.0	0	0.0	107	0.6	0	0.0	1,215	6.5	0	0.0	3,142	16.8	214	1.1	845	4.5	107	0.5	0	0.0	0	0.0	5,629	30.1
			Total	0	0.0	0	0.0	3,630	19.4	0	0.0	6,465	34.6	41	0.2	6,453	34.5	458	2.4	1,434	7.7	214	1.1	0	0.0	0	0.0	18,695	100.0
1971	Season	0	M			No Data & Samples																							
			F																										
			Total																										
1972	Season	0	M			No Data & Samples																							
			F																										
			Total																										
1973	6/22	55	M	0	0.0	0	0.0	201	5.5	0	0.0	134	3.6	0	0.0	872	23.6	0	0.0	134	3.7	0	0.0	0	0.0	0	0.0	1,342	36.4
	(6/19,21,22)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,879	50.9	0	0.0	470	12.7	0	0.0	0	0.0	0	0.0	2,349	63.6
			Subtotal	0	0.0	0	0.0	201	5.5	0	0.0	134	3.6	0	0.0	2,751	74.5	0	0.0	604	16.4	0	0.0	0	0.0	0	0.0	3,691	100.0

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 2 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	6/26,29	105	M	0	0.0	0	0.0	361	4.8	0	0.0	1,299	17.1	0	0.0	2,164	28.6	0	0.0	217	2.8	0	0.0	0	0.0	0	0.0	4,040	53.3
	(6/25,26,28,29,7/2)		F	0	0.0	0	0.0	0	0.0	0	0.0	72	1.0	0	0.0	2,814	37.1	0	0.0	649	8.6	0	0.0	0	0.0	0	0.0	3,535	46.7
			Subtotal	0	0.0	0	0.0	361	4.8	0	0.0	1,371	18.1	0	0.0	4,978	65.7	0	0.0	866	11.4	0	0.0	0	0.0	0	0.0	7,575	100.0
	7/3	53	M	0	0.0	0	0.0	351	9.4	0	0.0	140	3.8	0	0.0	983	26.4	0	0.0	70	1.9	0	0.0	0	0.0	0	0.0	1,545	41.5
	(7/3,5,6,9,10-20,23,		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,897	51.0	0	0.0	281	7.5	0	0.0	0	0.0	0	0.0	2,178	58.5
	28,30,31,8/1,2,3,6, 8,10,13,15,17,22,31)		Subtotal	0	0.0	0	0.0	351	9.4	0	0.0	140	3.8	0	0.0	2,880	77.4	0	0.0	351	9.4	0	0.0	0	0.0	0	0.0	3,723	100.0
	Season	213	M	0	0.0	0	0.0	913	6.1	0	0.0	1,573	10.5	0	0.0	4,020	26.8	0	0.0	421	2.8	0	0.0	0	0.0	0	0.0	6,928	46.2
			F	0	0.0	0	0.0	0	0.0	0	0.0	72	0.5	0	0.0	6,589	44.0	0	0.0	1,400	9.3	0	0.0	0	0.0	0	0.0	8,061	53.8
			Total	0	0.0	0	0.0	913	6.1	0	0.0	1,645	11.0	0	0.0	10,609	70.8	0	0.0	1,821	12.1	0	0.0	0	0.0	0	0.0	14,989	100.0
1974	6/24	88	M	0	0.0	53	1.1	1,316	28.4	0	0.0	474	10.2	0	0.0	579	12.5	0	0.0	737	15.9	0	0.0	0	0.0	0	0.0	3,159	68.2
	(6/24,25)		F	0	0.0	0	0.0	53	1.1	0	0.0	52	1.2	0	0.0	685	14.8	0	0.0	684	14.8	0	0.0	0	0.0	0	0.0	1,474	31.8
			Subtotal	0	0.0	53	1.1	1,369	29.5	0	0.0	526	11.4	0	0.0	1,264	27.3	0	0.0	1,421	30.7	0	0.0	0	0.0	0	0.0	4,633	100.0
	6/27	29	M	0	0.0	69	3.4	618	31.0	0	0.0	343	17.2	0	0.0	206	10.3	0	0.0	138	6.9	0	0.0	0	0.0	0	0.0	1,374	69.0
	(6/27,28)		F	0	0.0	0	0.0	138	6.9	0	0.0	0	0.0	0	0.0	69	3.5	0	0.0	412	20.7	0	0.0	0	0.0	0	0.0	618	31.0
			Subtotal	0	0.0	69	3.4	756	37.9	0	0.0	343	17.2	0	0.0	275	13.8	0	0.0	550	27.6	0	0.0	0	0.0	0	0.0	1,992	100.0
	7/1,4,26,30,8/1-5	33	M	0	0.0	0	0.0	593	27.3	0	0.0	329	15.2	0	0.0	197	9.1	0	0.0	264	12.1	0	0.0	0	0.0	0	0.0	1,383	63.6
	(7/12,4,5,8,9,11,13,		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	461	21.2	0	0.0	329	15.2	0	0.0	0	0.0	0	0.0	790	36.4
	14,15,17,18,19,20, 23,25,27,29,30,8/1,2 5,7,9,12,16,19,26,28)		Subtotal	0	0.0	0	0.0	593	27.3	0	0.0	329	15.2	0	0.0	658	30.3	0	0.0	593	27.3	0	0.0	0	0.0	0	0.0	2,173	100.0
	Season	150	M	0	0.0	121	1.4	2,527	28.7	0	0.0	1,146	13.0	0	0.0	983	11.2	0	0.0	1,138	12.9	0	0.0	0	0.0	0	0.0	5,915	67.2
			F	0	0.0	0	0.0	190	2.2	0	0.0	53	0.6	0	0.0	1,214	13.8	0	0.0	1,426	16.2	0	0.0	0	0.0	0	0.0	2,883	32.8
			Total	0	0.0	121	1.4	2,717	30.9	0	0.0	1,199	13.6	0	0.0	2,197	25.0	0	0.0	2,564	29.1	0	0.0	0	0.0	0	0.0	8,798	100.0
1975	7/4	76	M	0	0.0	0	0.0	525	32.9	0	0.0	462	29.0	0	0.0	63	4.0	0	0.0	21	1.3	0	0.0	0	0.0	0	0.0	1,072	67.1
	(7/1,4)		F	0	0.0	0	0.0	0	0.0	0	0.0	294	18.4	0	0.0	189	11.8	0	0.0	42	2.6	0	0.0	0	0.0	0	0.0	525	32.9
			Subtotal	0	0.0	0	0.0	525	32.9	0	0.0	756	47.4	0	0.0	252	15.8	0	0.0	63	3.9	0	0.0	0	0.0	0	0.0	1,597	100.0
	7/8,11	71	M	0	0.0	42	4.2	335	33.8	0	0.0	307	31.0	0	0.0	70	7.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	754	76.1
	(7/8,11)		F	0	0.0	0	0.0	0	0.0	0	0.0	112	11.3	0	0.0	84	8.5	0	0.0	42	4.2	0	0.0	0	0.0	0	0.0	237	23.9
			Subtotal	0	0.0	42	4.2	335	33.8	0	0.0	419	42.3	0	0.0	154	15.5	0	0.0	42	4.2	0	0.0	0	0.0	0	0.0	991	100.0
	7/15,17.31	51	M	0	0.0	0	0.0	447	33.3	0	0.0	447	33.3	0	0.0	131	9.8	0	0.0	53	3.9	0	0.0	0	0.0	0	0.0	1,077	80.4
	(7/15,17,19,22,24,		F	0	0.0	0	0.0	0	0.0	0	0.0	131	9.8	0	0.0	105	7.8	0	0.0	26	2.0	0	0.0	0	0.0	0	0.0	263	19.6
	26,29,31,8/2,4,6, 8,11,13,15,20)		Subtotal	0	0.0	0	0.0	447	33.3	0	0.0	578	43.1	0	0.0	236	17.6	0	0.0	79	5.9	0	0.0	0	0.0	0	0.0	1,340	100.0
	Season	198	M	0	0.0	42	1.1	1,307	33.3	0	0.0	1,216	30.9	0	0.0	264	6.7	0	0.0	74	1.9	0	0.0	0	0.0	0	0.0	2,903	73.9
			F	0	0.0	0	0.0	0	0.0	0	0.0	537	13.7	0	0.0	378	9.6	0	0.0	110	2.8	0	0.0	0	0.0	0	0.0	1,025	26.1
			Total	0	0.0	42	1.1	1,307	33.3	0	0.0	1,753	44.6	0	0.0	642	16.3	0	0.0	184	4.7	0	0.0	0	0.0	0	0.0	3,928	100.0
1976	6/22,25	100	M	0	0.0	0	0.0	2,900	40.0	0	0.0	1,957	27.0	0	0.0	435	6.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,292	73.0
	(6/22,25)		F	0	0.0	0	0.0	217	3.0	0	0.0	508	7.0	0	0.0	1,160	16.0	0	0.0	72	1.0	0	0.0	0	0.0	0	0.0	1,957	27.0
			Subtotal	0	0.0	0	0.0	3,117	43.0	0	0.0	2,465	34.0	0	0.0	1,595	22.0	0	0.0	72	1.0	0	0.0	0	0.0	0	0.0	7,249	100.0

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 3 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	6/29,7/2	112	M	0	0.0	0	0.0	1,752	49.1	0	0.0	1,019	28.6	0	0.0	95	2.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,866	80.4
	(6/28,29,7/2)		F	0	0.0	0	0.0	127	3.6	0	0.0	319	8.9	0	0.0	255	7.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	701	19.6
			Subtotal	0	0.0	0	0.0	1,879	52.7	0	0.0	1,338	37.5	0	0.0	350	9.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,567	100.0
	7/6,12,22,24	137	M	0	0.0	0	0.0	1,967	59.9	0	0.0	456	13.9	0	0.0	168	5.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,590	78.8
	(7/6,9,12,13,15,16,20,		F	0	0.0	0	0.0	24	0.7	0	0.0	288	8.7	0	0.0	360	11.0	0	0.0	24	0.7	0	0.0	0	0.0	0	0.0	696	21.2
	22,24,27,29,31,8/3,5		Subtotal	0	0.0	0	0.0	1,991	60.6	0	0.0	744	22.6	0	0.0	528	16.1	0	0.0	24	0.7	0	0.0	0	0.0	0	0.0	3,286	100.0
	7,9,11,13,16,18,20,23,27)																												
	Season	349	M	0	0.0	0	0.0	6,618	46.9	0	0.0	3,432	24.3	0	0.0	698	4.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10,749	76.2
			F	0	0.0	0	0.0	369	2.6	0	0.0	1,114	7.9	0	0.0	1,775	12.6	0	0.0	96	0.7	0	0.0	0	0.0	0	0.0	3,353	23.8
			Total	0	0.0	0	0.0	6,987	49.5	0	0.0	4,546	32.2	0	0.0	2,473	17.5	0	0.0	96	0.7	0	0.0	0	0.0	0	0.0	14,102	100.0
1977	6/17,21,24	190	M	0	0.0	0	0.0	250	2.1	0	0.0	2,810	23.7	0	0.0	2,872	24.2	0	0.0	63	0.5	0	0.0	0	0.0	0	0.0	5,994	50.5
	(6/16,17,20,21,		F	0	0.0	0	0.0	0	0.0	0	0.0	1,499	12.6	0	0.0	4,059	34.2	0	0.0	312	2.7	0	0.0	0	0.0	0	0.0	5,870	49.5
	23,24)		Subtotal	0	0.0	0	0.0	250	2.1	0	0.0	4,309	36.3	0	0.0	6,931	58.4	0	0.0	375	3.2	0	0.0	0	0.0	0	0.0	11,864	100.0
	6/28,7/5,8	153	M	0	0.0	0	0.0	165	2.6	0	0.0	1,732	27.4	0	0.0	1,360	21.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,257	51.6
	(6/27,28,7/11,12,15)		F	0	0.0	0	0.0	0	0.0	0	0.0	989	15.7	0	0.0	2,061	32.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,050	48.4
			Subtotal	0	0.0	0	0.0	165	2.6	0	0.0	2,721	43.1	0	0.0	3,421	54.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6,307	100.0
	7/12,15,19,22,26	137	M	0	0.0	0	0.0	60	5.9	0	0.0	333	32.1	0	0.0	144	13.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	537	51.8
	(7/18,19,21,22,25,		F	0	0.0	0	0.0	8	0.7	0	0.0	129	12.4	0	0.0	363	35.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	500	48.2
	26,28,29,8/1,4,8,11,15,		Subtotal	0	0.0	0	0.0	68	6.6	0	0.0	462	44.5	0	0.0	507	48.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,037	100.0
	17,19,22,24,26,29)																												
	Season	480	M	0	0.0	0	0.0	475	2.5	0	0.0	4,874	25.4	0	0.0	4,377	22.8	0	0.0	63	0.3	0	0.0	0	0.0	0	0.0	9,788	51.0
			F	0	0.0	0	0.0	8	0.0	0	0.0	2,617	13.6	0	0.0	6,483	33.7	0	0.0	312	1.7	0	0.0	0	0.0	0	0.0	9,420	49.0
			Total	0	0.0	0	0.0	483	2.5	0	0.0	7,491	39.0	0	0.0	10,860	56.5	0	0.0	375	2.0	0	0.0	0	0.0	0	0.0	19,208	100.0
1978	6/19,27,7/8	104	M	0	0.0	0	0.0	0	0.0	0	0.0	105	1.0	0	0.0	5,037	46.2	0	0.0	105	0.9	0	0.0	105	1.0	0	0.0	5,351	49.0
	(6/12,15,19,20,23,		F	0	0.0	0	0.0	0	0.0	0	0.0	105	0.9	0	0.0	5,141	47.1	0	0.0	315	2.9	0	0.0	0	0.0	0	0.0	5,561	51.0
	27,30,7/1,3,4-8)		Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	210	1.9	0	0.0	10,178	93.3	0	0.0	420	3.8	0	0.0	105	1.0	0	0.0	10,912	100.0
	7/11,13,15	83	M	0	0.0	0	0.0	0	0.0	0	0.0	60	6.0	0	0.0	287	28.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	347	34.9
	(7/10-15)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	574	57.8	0	0.0	72	7.2	0	0.0	0	0.0	0	0.0	645	65.1
			Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	60	6.0	0	0.0	861	86.7	0	0.0	72	7.2	0	0.0	0	0.0	0	0.0	992	100.0
	7/21,24,25	47	M	0	0.0	0	0.0	0	0.0	0	0.0	111	12.8	0	0.0	258	29.8	0	0.0	18	2.1	0	0.0	0	0.0	0	0.0	387	44.7
	(7/17,18,21,22,24,25,		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	443	51.1	0	0.0	37	4.3	0	0.0	0	0.0	0	0.0	480	55.3
	27,28,8/2,4,7,9,11,		Subtotal	0	0.0	0	0.0	0	0.0	0	0.0	111	12.8	0	0.0	701	80.9	0	0.0	55	6.4	0	0.0	0	0.0	0	0.0	867	100.0
	14,16,18,23,25,28,30)																												
	Season	234	M	0	0.0	0	0.0	0	0.0	0	0.0	275	2.2	0	0.0	5,581	43.7	0	0.0	123	1.0	0	0.0	105	0.8	0	0.0	6,085	47.6
			F	0	0.0	0	0.0	0	0.0	0	0.0	105	0.8	0	0.0	6,158	48.2	0	0.0	424	3.3	0	0.0	0	0.0	0	0.0	6,686	52.4
			Total	0	0.0	0	0.0	0	0.0	0	0.0	380	3.0	0	0.0	11,739	91.9	0	0.0	547	4.3	0	0.0	105	0.8	0	0.0	12,771	100.0
1979	Season	0	M	Need Commercial Catch Numbers																									
			F																										
			Subtotal																										

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 4 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1980	6/12,16,17	99	M	0	0.0	19	1.0	506	26.3	0	0.0	136	7.1	0	0.0	253	13.2	0	0.0	59	3.0	19	1.0	0	0.0	0	0.0	992	51.5
	(6/12,16,17)		F	0	0.0	39	2.0	272	14.1	0	0.0	214	11.1	19	1.0	253	13.1	39	2.0	97	5.1	0	0.0	0	0.0	0	0.0	934	48.5
			Subtotal	0	0.0	58	3.0	778	40.4	0	0.0	350	18.2	19	1.0	506	26.3	39	2.0	156	8.1	19	1.0	0	0.0	0	0.0	1,926	100.0
	6/23,26	108	M	0	0.0	156	4.6	778	23.1	0	0.0	685	20.4	0	0.0	156	4.6	31	0.9	31	1.0	0	0.0	0	0.0	0	0.0	1,837	54.6
	(6/23,24,26,27)		F	0	0.0	0	0.0	343	10.2	0	0.0	840	25.0	0	0.0	311	9.3	0	0.0	31	0.9	0	0.0	0	0.0	0	0.0	1,525	45.4
			Subtotal	0	0.0	156	4.6	1,121	33.3	0	0.0	1,525	45.4	0	0.0	467	13.9	31	0.9	62	1.9	0	0.0	0	0.0	0	0.0	3,362	100.0
	7/2,4	80	M	0	0.0	75	2.5	487	16.3	0	0.0	825	27.5	0	0.0	300	10.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,687	56.3
	(6/30,7/1,2,4,5)		F	0	0.0	0	0.0	188	6.2	0	0.0	562	18.8	0	0.0	450	15.0	0	0.0	112	3.8	0	0.0	0	0.0	0	0.0	1,312	43.7
			Subtotal	0	0.0	75	2.5	675	22.5	0	0.0	1,387	46.3	0	0.0	750	25.0	0	0.0	112	3.8	0	0.0	0	0.0	0	0.0	2,999	100.0
	7/7,9,11	119	M	0	0.0	71	5.9	254	21.0	0	0.0	406	33.6	0	0.0	81	6.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	811	67.2
	(7/7,8,9,10,11,12)		F	0	0.0	0	0.0	20	1.7	0	0.0	203	16.8	0	0.0	152	12.6	10	0.8	10	0.8	0	0.0	0	0.0	0	0.0	396	32.8
			Subtotal	0	0.0	71	5.9	274	22.7	0	0.0	609	50.4	0	0.0	233	19.3	10	0.8	10	0.8	0	0.0	0	0.0	0	0.0	1,207	100.0
	7/14,16,28	89	M	0	0.0	124	13.5	227	24.7	0	0.0	196	21.4	0	0.0	42	4.5	0	0.0	10	1.1	0	0.0	0	0.0	0	0.0	599	65.2
	(7/14,15,16,17,19,23,		F	0	0.0	0	0.0	10	1.1	0	0.0	186	20.2	0	0.0	103	11.2	0	0.0	21	2.3	0	0.0	0	0.0	0	0.0	320	34.8
	24,25,26,28,30,8/4,6,		Subtotal	0	0.0	124	13.5	237	25.8	0	0.0	382	41.6	0	0.0	145	15.7	0	0.0	31	3.4	0	0.0	0	0.0	0	0.0	919	100.0
	8,11,13,15,18,20, 22,25,27,29,9/5)																												
	Season	495	M	0	0.0	445	4.2	2,252	21.6	0	0.0	2,248	21.6	0	0.0	831	8.0	31	0.3	100	1.0	19	0.2	0	0.0	0	0.0	5,926	56.9
			F	0	0.0	39	0.4	833	8.0	0	0.0	2,005	19.2	19	0.2	1,269	12.2	49	0.5	271	2.6	0	0.0	0	0.0	0	0.0	4,487	43.1
			Total	0	0.0	484	4.6	3,085	29.6	0	0.0	4,253	40.8	19	0.2	2,100	20.2	80	0.8	371	3.6	19	0.2	0	0.0	0	0.0	10,413	100.0
1981	6/16,19	108	M	0	0.0	0	0.0	1,161	12.0	0	0.0	1,786	18.5	0	0.0	625	6.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,573	37.0
	(6/16,19)		F	0	0.0	0	0.0	3,484	36.1	0	0.0	1,340	13.9	0	0.0	983	10.2	0	0.0	268	2.8	0	0.0	0	0.0	0	0.0	6,074	63.0
			Subtotal	0	0.0	0	0.0	4,645	48.1	0	0.0	3,126	32.4	0	0.0	1,608	16.7	0	0.0	268	2.8	0	0.0	0	0.0	0	0.0	9,647	100.0
	6/22,25	101	M	0	0.0	0	0.0	1,680	21.8	0	0.0	1,069	13.9	0	0.0	687	8.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,436	44.6
	(6/22,25)		F	0	0.0	0	0.0	2,978	38.6	0	0.0	382	4.9	0	0.0	764	9.9	0	0.0	153	2.0	0	0.0	0	0.0	0	0.0	4,277	55.4
			Subtotal	0	0.0	0	0.0	4,658	60.4	0	0.0	1,451	18.8	0	0.0	1,451	18.8	0	0.0	153	2.0	0	0.0	0	0.0	0	0.0	7,713	100.0
	7/2,6,9	156	M	0	0.0	0	0.0	1,017	28.2	0	0.0	254	7.0	0	0.0	277	7.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,548	42.9
	(7/2,6,9)		F	0	0.0	0	0.0	993	27.6	0	0.0	278	7.7	0	0.0	763	21.1	0	0.0	23	0.6	0	0.0	0	0.0	0	0.0	2,057	57.1
			Subtotal	0	0.0	0	0.0	2,010	55.8	0	0.0	532	14.7	0	0.0	1,040	28.8	0	0.0	23	0.6	0	0.0	0	0.0	0	0.0	3,605	100.0
	7/13,15,17	141	M	0	0.0	30	1.4	685	31.9	0	0.0	289	13.5	0	0.0	61	2.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,066	49.6
	(7/13,15,17)		F	0	0.0	0	0.0	533	24.8	0	0.0	183	8.5	0	0.0	350	16.3	0	0.0	15	0.7	0	0.0	0	0.0	0	0.0	1,081	50.4
			Subtotal	0	0.0	30	1.4	1,218	56.7	0	0.0	472	22.0	0	0.0	411	19.1	0	0.0	15	0.7	0	0.0	0	0.0	0	0.0	2,147	100.0
	7/20,22,24,29	106	M	0	0.0	0	0.0	451	32.1	0	0.0	186	13.2	0	0.0	66	4.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	704	50.0
	(7/20,22,24,29,8/1,3,		F	0	0.0	0	0.0	518	36.8	0	0.0	66	4.7	0	0.0	120	8.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	703	50.0
	5,7,10,12,14,17,19,		Subtotal	0	0.0	0	0.0	969	68.9	0	0.0	252	17.9	0	0.0	186	13.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,407	100.0
	21,24,26,28,31,9/2,4)																												
	Season	612	M	0	0.0	30	0.1	4,995	20.4	0	0.0	3,585	14.6	0	0.0	1,717	7.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10,327	42.1
			F	0	0.0	0	0.0	8,506	34.7	0	0.0	2,248	9.2	0	0.0	2,979	12.2	0	0.0	459	1.9	0	0.0	0	0.0	0	0.0	14,192	57.9
			Total	0	0.0	30	0.1	13,501	55.1	0	0.0	5,833	23.8	0	0.0	4,696	19.2	0	0.0	459	1.9	0	0.0	0	0.0	0	0.0	24,519	100.0

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 5 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1982	Season	0	M	Need Commercial Catch Numbers																									
			F																										
			Total																										
1983	6/13	115	M	0	0.0	0	0.0	1,208	15.7	0	0.0	470	6.1	0	0.0	2,820	36.5	0	0.0	336	4.4	0	0.0	0	0.0	0	0.0	4,833	62.6
	(6/13)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,685	34.8	0	0.0	201	2.6	0	0.0	0	0.0	0	0.0	2,887	37.4
			Subtotal	0	0.0	0	0.0	1,208	15.7	0	0.0	470	6.1	0	0.0	5,505	71.3	0	0.0	537	7.0	0	0.0	0	0.0	0	0.0	7,720	100.0
	6/16	298	M	0	0.0	53	0.7	2,130	27.2	0	0.0	368	4.7	0	0.0	2,235	28.5	0	0.0	105	1.3	0	0.0	0	0.0	0	0.0	4,890	62.4
	(6/16)		F	0	0.0	0	0.0	0	0.0	0	0.0	53	0.7	0	0.0	2,839	36.3	0	0.0	53	0.7	0	0.0	0	0.0	0	0.0	2,945	37.6
			Subtotal	0	0.0	53	0.7	2,130	27.2	0	0.0	421	5.4	0	0.0	5,074	64.8	0	0.0	158	2.0	0	0.0	0	0.0	0	0.0	7,835	100.0
	6/24	125	M	0	0.0	93	0.8	2,890	24.8	0	0.0	373	3.2	0	0.0	2,983	25.6	0	0.0	187	1.6	0	0.0	0	0.0	0	0.0	6,525	56.0
	(6/24)		F	0	0.0	0	0.0	93	0.8	0	0.0	186	1.6	0	0.0	4,661	40.0	0	0.0	186	1.6	0	0.0	0	0.0	0	0.0	5,127	44.0
			Subtotal	0	0.0	93	0.8	2,983	25.6	0	0.0	559	4.8	0	0.0	7,644	65.6	0	0.0	373	3.2	0	0.0	0	0.0	0	0.0	11,652	100.0
	6/27	114	M	0	0.0	0	0.0	3,067	31.6	0	0.0	852	8.8	0	0.0	2,641	27.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6,559	67.5
	(6/27)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,152	32.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,152	32.5
			Subtotal	0	0.0	0	0.0	3,067	31.6	0	0.0	852	8.8	0	0.0	5,793	59.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9,711	100.0
	7/7,11,14	110	M	0	0.0	0	0.0	2,753	29.1	0	0.0	860	9.1	0	0.0	1,807	19.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,420	57.3
	(7/4,7,11,14,18,22,		F	0	0.0	0	0.0	0	0.0	0	0.0	172	1.8	0	0.0	3,871	40.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,044	42.7
	27,29,8/1,3,5,10,12,		Subtotal	0	0.0	0	0.0	2,753	29.1	0	0.0	1,032	10.9	0	0.0	5,678	60.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9,464	100.0
	15,17,19,22,25,29,9/1,5)																												
	Season	762	M	0	0.0	146	0.3	12,048	26.0	0	0.0	2,923	6.3	0	0.0	12,485	26.9	0	0.0	627	1.4	0	0.0	0	0.0	0	0.0	28,228	60.9
			F	0	0.0	0	0.0	93	0.2	0	0.0	411	0.9	0	0.0	17,209	37.1	0	0.0	441	0.9	0	0.0	0	0.0	0	0.0	18,154	39.1
			Total	0	0.0	146	0.3	12,141	26.2	0	0.0	3,334	7.2	0	0.0	29,694	64.0	0	0.0	1,068	2.3	0	0.0	0	0.0	0	0.0	46,382	100.0
1984	6/18,21	249	M	0	0.0	0	0.0	2,497	12.0	0	0.0	12,319	59.4	0	0.0	2,747	13.3	0	0.0	583	2.8	0	0.0	0	0.0	0	0.0	18,146	87.6
	(6/18,19,21)		F	0	0.0	0	0.0	0	0.0	0	0.0	83	0.4	0	0.0	2,164	10.4	0	0.0	333	1.6	0	0.0	0	0.0	0	0.0	2,580	12.4
			Subtotal	0	0.0	0	0.0	2,497	12.0	0	0.0	12,402	59.8	0	0.0	4,911	23.7	0	0.0	916	4.4	0	0.0	0	0.0	0	0.0	20,726	100.0
	6/26	132	M	0	0.0	0	0.0	344	8.3	0	0.0	2,156	52.3	0	0.0	468	11.4	0	0.0	250	6.1	0	0.0	0	0.0	0	0.0	3,218	78.0
	(6/22,25,26)		F	0	0.0	0	0.0	0	0.0	0	0.0	125	3.0	0	0.0	344	8.3	0	0.0	437	10.6	0	0.0	0	0.0	0	0.0	906	22.0
			Subtotal	0	0.0	0	0.0	344	8.3	0	0.0	2,281	55.3	0	0.0	812	19.7	0	0.0	687	16.7	0	0.0	0	0.0	0	0.0	4,124	100.0
	7/2,5	104	M	0	0.0	0	0.0	265	9.6	0	0.0	1,403	50.9	0	0.0	476	17.3	0	0.0	106	3.8	0	0.0	0	0.0	0	0.0	2,249	81.7
	(7/2,3,5)		F	0	0.0	0	0.0	0	0.0	0	0.0	79	2.9	0	0.0	265	9.6	0	0.0	159	5.8	0	0.0	0	0.0	0	0.0	503	18.3
			Subtotal	0	0.0	0	0.0	265	9.6	0	0.0	1,482	53.8	0	0.0	741	26.9	0	0.0	265	9.6	0	0.0	0	0.0	0	0.0	2,752	100.0
	7/9,11,13	98	M	0	0.0	0	0.0	1,174	19.4	0	0.0	2,287	37.8	0	0.0	1,236	20.4	0	0.0	247	4.1	0	0.0	0	0.0	0	0.0	4,944	81.6
	(7/9,11,13,16,18,20,		F	0	0.0	0	0.0	0	0.0	0	0.0	62	1.0	0	0.0	742	12.3	0	0.0	309	5.1	0	0.0	0	0.0	0	0.0	1,113	18.4
	23,25,27,30,8/1,3,6,		Subtotal	0	0.0	0	0.0	1,174	19.4	0	0.0	2,349	38.8	0	0.0	1,978	32.7	0	0.0	556	9.2	0	0.0	0	0.0	0	0.0	6,057	100.0
	8,10,13,15,17,20,																												
	22,24,27,29,9/3,5)																												
	Season	583	M	0	0.0	0	0.0	4,280	12.7	0	0.0	18,164	54.0	0	0.0	4,928	14.7	0	0.0	1,186	3.5	0	0.0	0	0.0	0	0.0	28,557	84.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	349	1.0	0	0.0	3,514	10.4	0	0.0	1,238	3.7	0	0.0	0	0.0	0	0.0	5,102	15.2
			Total	0	0.0	0	0.0	4,280	12.7	0	0.0	18,513	55.0	0	0.0	8,442	25.1	0	0.0	2,424	7.2	0	0.0	0	0.0	0	0.0	33,659	100.0

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 6 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1985	6/20	183	M	0	0.0	0	0.0	1,012	15.3	0	0.0	1,916	28.9	0	0.0	1,555	23.5	0	0.0	36	0.6	0	0.0	0	0.0	0	0.0	4,520	68.3
	(6/20)		F	0	0.0	0	0.0	0	0.0	0	0.0	145	2.2	0	0.0	1,916	29.0	0	0.0	36	0.5	0	0.0	0	0.0	0	0.0	2,097	31.7
			Subtotal	0	0.0	0	0.0	1,012	15.3	0	0.0	2,061	31.1	0	0.0	3,471	52.5	0	0.0	72	1.1	0	0.0	0	0.0	0	0.0	6,617	100.0
	6/24	137	M	0	0.0	0	0.0	1,532	14.6	0	0.0	2,451	23.3	0	0.0	2,528	24.1	0	0.0	230	2.2	0	0.0	0	0.0	0	0.0	6,740	64.2
	(6/24,27)		F	0	0.0	0	0.0	0	0.0	0	0.0	230	2.2	0	0.0	3,370	32.1	0	0.0	153	1.4	0	0.0	0	0.0	0	0.0	3,753	35.8
			Subtotal	0	0.0	0	0.0	1,532	14.6	0	0.0	2,681	25.5	0	0.0	5,898	56.2	0	0.0	383	3.6	0	0.0	0	0.0	0	0.0	10,493	100.0
	7/1	210	M	0	0.0	0	0.0	1,899	24.3	0	0.0	1,117	14.3	0	0.0	2,383	30.5	0	0.0	186	2.4	0	0.0	0	0.0	0	0.0	5,586	71.4
	(7/1,4)		F	0	0.0	0	0.0	0	0.0	0	0.0	149	1.9	0	0.0	2,048	26.2	0	0.0	37	0.5	0	0.0	0	0.0	0	0.0	2,234	28.6
			Subtotal	0	0.0	0	0.0	1,899	24.3	0	0.0	1,266	16.2	0	0.0	4,431	56.7	0	0.0	223	2.9	0	0.0	0	0.0	0	0.0	7,820	100.0
	7/8	38	M	0	0.0	0	0.0	1,440	26.3	0	0.0	576	10.5	0	0.0	1,727	31.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,743	68.4
	(7/8,11,15,8/1,5,		F	0	0.0	0	0.0	0	0.0	0	0.0	432	7.9	0	0.0	1,296	23.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,728	31.6
	12,14,16,19,21,23,		Subtotal	0	0.0	0	0.0	1,440	26.3	0	0.0	1,008	18.4	0	0.0	3,023	55.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,471	100.0
	26,28,30,9/2,4,6)																												
	Season	568	M	0	0.0	0	0.0	5,883	19.4	0	0.0	6,061	19.9	0	0.0	8,193	26.9	0	0.0	452	1.5	0	0.0	0	0.0	0	0.0	20,589	67.7
			F	0	0.0	0	0.0	0	0.0	0	0.0	955	3.2	0	0.0	8,631	28.4	0	0.0	227	0.7	0	0.0	0	0.0	0	0.0	9,812	32.3
			Total	0	0.0	0	0.0	5,883	19.4	0	0.0	7,016	23.1	0	0.0	16,824	55.3	0	0.0	679	2.2	0	0.0	0	0.0	0	0.0	30,401	100.0
1986	6/19	116	M	0	0.0	0	0.0	350	6.0	0	0.0	2,600	44.8	0	0.0	1,150	19.8	0	0.0	500	8.6	0	0.0	0	0.0	0	0.0	4,601	79.3
	(6/19)		F	0	0.0	0	0.0	0	0.0	0	0.0	50	0.9	0	0.0	700	12.1	0	0.0	450	7.8	0	0.0	0	0.0	0	0.0	1,200	20.7
			Subtotal	0	0.0	0	0.0	350	6.0	0	0.0	2,650	45.7	0	0.0	1,850	31.9	0	0.0	950	16.4	0	0.0	0	0.0	0	0.0	5,801	100.0
	6/23,26	224	M	0	0.0	249	3.1	463	5.8	0	0.0	3,099	38.8	0	0.0	1,282	16.0	0	0.0	249	3.1	0	0.0	0	0.0	0	0.0	5,343	67.0
	(6/23,26)		F	0	0.0	0	0.0	0	0.0	0	0.0	285	3.6	0	0.0	1,746	21.9	0	0.0	606	7.6	0	0.0	0	0.0	0	0.0	2,636	33.0
			Subtotal	0	0.0	249	3.1	463	5.8	0	0.0	3,384	42.4	0	0.0	3,028	37.9	0	0.0	855	10.7	0	0.0	0	0.0	0	0.0	7,979	100.0
	6/30,7/3	162	M	0	0.0	112	1.2	503	5.6	0	0.0	4,248	46.9	0	0.0	1,118	12.4	0	0.0	335	3.7	0	0.0	0	0.0	0	0.0	6,316	69.8
	(6/30,7/3,7,10,14,17,		F	0	0.0	0	0.0	0	0.0	0	0.0	112	1.2	0	0.0	2,012	22.2	0	0.0	615	6.8	0	0.0	0	0.0	0	0.0	2,739	30.2
	8/6,8,11,13,15,18,20,		Subtotal	0	0.0	112	1.2	503	5.6	0	0.0	4,360	48.1	0	0.0	3,130	34.6	0	0.0	950	10.5	0	0.0	0	0.0	0	0.0	9,055	100.0
	22,25,27,29,9/1,3)																												
	Season	502	M	0	0.0	361	1.6	1,316	5.8	0	0.0	9,947	43.6	0	0.0	3,550	15.6	0	0.0	1,085	4.8	0	0.0	0	0.0	0	0.0	16,260	71.2
			F	0	0.0	0	0.0	0	0.0	0	0.0	447	1.9	0	0.0	4,458	19.5	0	0.0	1,670	7.3	0	0.0	0	0.0	0	0.0	6,575	28.8
			Total	0	0.0	361	1.6	1,316	5.8	0	0.0	10,394	45.5	0	0.0	8,008	35.1	0	0.0	2,755	12.1	0	0.0	0	0.0	0	0.0	22,835	100.0
1987	6/18	208	M	0	0.0	0	0.0	1,867	24.5	0	0.0	1,428	18.8	0	0.0	2,489	32.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,784	76.0
	(6/18)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,721	22.6	0	0.0	110	1.4	0	0.0	0	0.0	0	0.0	1,830	24.0
			Subtotal	0	0.0	0	0.0	1,867	24.5	0	0.0	1,428	18.8	0	0.0	4,210	55.3	0	0.0	110	1.4	0	0.0	0	0.0	0	0.0	7,614	100.0
	6/22	172	M	0	0.0	123	1.2	2,770	26.2	0	0.0	1,662	15.7	0	0.0	4,185	39.5	0	0.0	308	2.9	0	0.0	0	0.0	0	0.0	9,047	85.5
	(6/22)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,477	14.0	0	0.0	61	0.6	0	0.0	0	0.0	0	0.0	1,539	14.5
			Subtotal	0	0.0	123	1.2	2,770	26.2	0	0.0	1,662	15.7	0	0.0	5,662	53.5	0	0.0	369	3.5	0	0.0	0	0.0	0	0.0	10,586	100.0
	6/25	144	M	0	0.0	0	0.0	2,390	30.6	0	0.0	1,467	18.8	0	0.0	2,987	38.2	0	0.0	109	1.4	0	0.0	0	0.0	0	0.0	6,953	88.9
	(6/25,30,7/3,8/3,6,		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	815	10.4	0	0.0	54	0.7	0	0.0	0	0.0	0	0.0	869	11.1
	10,13,17,19,21,24,		Subtotal	0	0.0	0	0.0	2,390	30.6	0	0.0	1,467	18.8	0	0.0	3,802	48.6	0	0.0	163	2.1	0	0.0	0	0.0	0	0.0	7,822	100.0
	26,28,31,9/2,4)																												

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 7 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	Season	524	M	0	0.0	123	0.5	7,027	27.0	0	0.0	4,556	17.5	0	0.0	9,662	37.1	0	0.0	416	1.6	0	0.0	0	0.0	0	0.0	21,784	83.7
			F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,012	15.4	0	0.0	226	0.9	0	0.0	0	0.0	0	0.0	4,238	16.3
			Total	0	0.0	123	0.5	7,027	27.0	0	0.0	4,556	17.5	0	0.0	13,674	52.5	0	0.0	642	2.5	0	0.0	0	0.0	0	0.0	26,022	100.0
1988	6/13,16	146	M	0	0.0	0	0.0	337	11.6	0	0.0	635	21.9	0	0.0	337	11.6	0	0.0	119	4.1	0	0.0	0	0.0	0	0.0	1,428	49.3
	(6/13,16)		F	0	0.0	0	0.0	60	2.1	0	0.0	436	15.1	0	0.0	674	23.3	0	0.0	297	10.3	0	0.0	0	0.0	0	0.0	1,467	50.7
			Subtotal	0	0.0	0	0.0	397	13.7	0	0.0	1,071	37.0	0	0.0	1,011	34.9	0	0.0	416	14.4	0	0.0	0	0.0	0	0.0	2,895	100.0
	6/20	84	M	0	0.0	0	0.0	124	15.5	0	0.0	144	17.9	0	0.0	105	13.1	0	0.0	29	3.6	0	0.0	0	0.0	0	0.0	402	50.0
	(6/20)		F	0	0.0	0	0.0	0	0.0	0	0.0	105	13.1	0	0.0	191	23.8	0	0.0	105	13.1	0	0.0	0	0.0	0	0.0	401	50.0
			Subtotal	0	0.0	0	0.0	124	15.5	0	0.0	249	31.0	0	0.0	296	36.9	0	0.0	134	16.7	0	0.0	0	0.0	0	0.0	803	100.0
	6/28	112	M	0	0.0	0	0.0	511	12.5	0	0.0	1,132	27.7	0	0.0	840	20.5	0	0.0	182	4.5	0	0.0	0	0.0	0	0.0	2,665	65.2
	(6/28)		F	0	0.0	0	0.0	219	5.4	0	0.0	292	7.1	0	0.0	657	16.1	0	0.0	256	6.2	0	0.0	0	0.0	0	0.0	1,424	34.8
			Subtotal	0	0.0	0	0.0	730	17.9	0	0.0	1,424	34.8	0	0.0	1,497	36.6	0	0.0	438	10.7	0	0.0	0	0.0	0	0.0	4,089	100.0
	7/2	111	M	0	0.0	0	0.0	443	23.4	0	0.0	579	30.6	0	0.0	273	14.4	0	0.0	51	2.7	0	0.0	0	0.0	0	0.0	1,346	71.2
	(7/2)		F	0	0.0	0	0.0	17	0.9	0	0.0	102	5.4	0	0.0	238	12.6	0	0.0	188	9.9	0	0.0	0	0.0	0	0.0	545	28.8
			Subtotal	0	0.0	0	0.0	460	24.3	0	0.0	681	36.0	0	0.0	511	27.0	0	0.0	239	12.6	0	0.0	0	0.0	0	0.0	1,891	100.0
	7/5-27	138	M	0	0.0	0	0.0	1,436	34.1	0	0.0	947	22.5	0	0.0	275	6.5	0	0.0	30	0.7	0	0.0	0	0.0	0	0.0	2,688	63.8
	(7/5,8,11,14,18,		F	0	0.0	0	0.0	183	4.3	0	0.0	275	6.5	0	0.0	641	15.2	0	0.0	428	10.2	0	0.0	0	0.0	0	0.0	1,527	36.2
	21,25,27,29,8/1,3, 5,8,10,12,15,17,19, 22,24,26,29,31,9/5)		Subtotal	0	0.0	0	0.0	1,619	38.4	0	0.0	1,222	29.0	0	0.0	916	21.7	0	0.0	458	10.9	0	0.0	0	0.0	0	0.0	4,215	100.0
	Season	591	M	0	0.0	0	0.0	2,851	20.5	0	0.0	3,436	24.7	0	0.0	1,829	13.2	0	0.0	412	3.0	0	0.0	0	0.0	0	0.0	8,528	61.4
			F	0	0.0	0	0.0	479	3.5	0	0.0	1,210	8.7	0	0.0	2,403	17.3	0	0.0	1,273	9.1	0	0.0	0	0.0	0	0.0	5,365	38.6
			Total	0	0.0	0	0.0	3,330	24.0	0	0.0	4,646	33.4	0	0.0	4,232	30.5	0	0.0	1,685	12.1	0	0.0	0	0.0	0	0.0	13,893	100.0
1989	6/15	143	M	0	0.0	96	2.8	215	6.3	0	0.0	310	9.1	0	0.0	764	22.4	0	0.0	120	3.5	0	0.0	0	0.0	0	0.0	1,505	44.1
	(6/15)		F	0	0.0	0	0.0	24	0.7	0	0.0	287	8.4	0	0.0	1,481	43.3	0	0.0	119	3.5	0	0.0	0	0.0	0	0.0	1,910	55.9
			Subtotal	0	0.0	96	2.8	239	7.0	0	0.0	597	17.5	0	0.0	2,245	65.7	0	0.0	239	7.0	0	0.0	0	0.0	0	0.0	3,415	100.0
	6/23	93	M	0	0.0	0	0.0	1,017	18.3	0	0.0	837	15.1	0	0.0	1,256	22.6	0	0.0	120	2.1	0	0.0	0	0.0	0	0.0	3,231	58.1
	(6/19,23)		F	0	0.0	0	0.0	0	0.0	0	0.0	120	2.1	0	0.0	1,915	34.4	0	0.0	299	5.4	0	0.0	0	0.0	0	0.0	2,333	41.9
			Subtotal	0	0.0	0	0.0	1,017	18.3	0	0.0	957	17.2	0	0.0	3,171	57.0	0	0.0	419	7.5	0	0.0	0	0.0	0	0.0	5,564	100.0
	6/26,30	99	M	0	0.0	30	1.0	473	16.2	0	0.0	177	6.0	0	0.0	266	9.1	0	0.0	29	1.0	0	0.0	0	0.0	0	0.0	975	33.3
	(6/26,30)		F	0	0.0	29	1.0	266	9.1	0	0.0	237	8.1	0	0.0	1,212	41.4	0	0.0	207	7.1	0	0.0	0	0.0	0	0.0	1,951	66.7
			Subtotal	0	0.0	59	2.0	739	25.3	0	0.0	414	14.1	0	0.0	1,478	50.5	0	0.0	236	8.1	0	0.0	0	0.0	0	0.0	2,926	100.0
	7/3,12	87	M	0	0.0	307	3.4	2,254	25.3	0	0.0	1,127	12.6	0	0.0	1,844	20.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,533	62.1
	(7/3,5,7,10,12,14,18,		F	0	0.0	0	0.0	0	0.0	0	0.0	820	9.2	0	0.0	2,357	26.4	0	0.0	205	2.3	0	0.0	0	0.0	0	0.0	3,382	37.9
	21,24,27,31,8/2,4,7,9, 11,14,16,18,21,23,25)		Subtotal	0	0.0	307	3.4	2,254	25.3	0	0.0	1,947	21.8	0	0.0	4,201	47.1	0	0.0	205	2.3	0	0.0	0	0.0	0	0.0	8,915	100.0
	Season	422	M	0	0.0	432	2.1	3,959	19.0	0	0.0	2,453	11.8	0	0.0	4,131	19.8	0	0.0	269	1.3	0	0.0	0	0.0	0	0.0	11,244	54.0
			F	0	0.0	30	0.1	290	1.4	0	0.0	1,462	7.0	0	0.0	6,964	33.5	0	0.0	830	4.0	0	0.0	0	0.0	0	0.0	9,576	46.0
			Total	0	0.0	462	2.2	4,249	20.4	0	0.0	3,915	18.8	0	0.0	11,095	53.3	0	0.0	1,099	5.3	0	0.0	0	0.0	0	0.0	20,820	100.0

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 8 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1990	6/14	130	M	0	0.0	0	0.0	625	12.3	0	0.0	1,717	33.8	0	0.0	701	13.8	40	0.8	118	2.3	40	0.8	40	0.8	0	0.0	3,280	64.6
	(6/14)		F	0	0.0	0	0.0	117	2.3	0	0.0	391	7.7	0	0.0	625	12.3	0	0.0	549	10.8	40	0.8	40	0.8	40	0.8	1,800	35.4
			Subtotal	0	0.0	0	0.0	742	14.6	0	0.0	2,108	41.5	0	0.0	1,326	26.1	0	0.0	666	13.1	79	1.6	79	1.6	40	0.8	5,080	100.0
	6/18	88	M	0	0.0	0	0.0	2,581	21.6	0	0.0	2,713	22.7	0	0.0	1,625	13.6	0	0.0	406	3.4	0	0.0	0	0.0	0	0.0	7,326	61.3
	(6/18, 21, 25)		F	0	0.0	0	0.0	681	5.7	0	0.0	1,494	12.5	0	0.0	1,769	14.8	0	0.0	681	5.7	0	0.0	0	0.0	0	0.0	4,625	38.7
			Subtotal	0	0.0	0	0.0	3,263	27.3	0	0.0	4,207	35.2	0	0.0	3,394	28.4	0	0.0	1,088	9.1	0	0.0	0	0.0	0	0.0	11,951	100.0
	7/2	131	M	0	0.0	0	0.0	1,539	14.5	0	0.0	2,186	20.6	0	0.0	1,866	17.6	0	0.0	645	6.1	0	0.0	83	0.8	0	0.0	6,319	59.5
	(7/2,5,7,9,11,13,		F	0	0.0	0	0.0	488	4.6	0	0.0	1,136	10.7	0	0.0	2,027	19.1	0	0.0	562	5.3	0	0.0	83	0.8	0	0.0	4,296	40.5
	16,19-21,23-28,30, 31,8/1-3,6,8,13, 16,18,20,23,27)		Subtotal	0	0.0	0	0.0	2,027	19.1	0	0.0	3,322	31.3	0	0.0	3,893	36.7	0	0.0	1,208	11.4	0	0.0	166	1.6	0	0.0	10,613	100.0
	Season	349	M	0	0.0	0	0.0	4,745	17.2	0	0.0	6,616	23.9	0	0.0	4,192	15.2	40	0.1	1,169	4.2	40	0.1	122	0.4	0	0.0	16,925	61.2
			F	0	0.0	0	0.0	1,286	4.7	0	0.0	3,021	10.9	0	0.0	4,421	16.0	0	0.0	1,792	6.5	40	0.1	122	0.4	40	0.1	10,722	38.8
			Total	0	0.0	0	0.0	6,031	21.8	0	0.0	9,637	34.9	0	0.0	8,613	31.2	40	0.1	2,962	10.7	79	0.3	144	0.5	40	0.1	27,647	100.0
1991	6/20	74	M	0	0.0	0	0.0	457	14.9	0	0.0	827	27.0	0	0.0	622	20.3	42	1.4	42	1.4	0	0.0	0	0.0	0	0.0	1,990	64.9
	(6/13, 20)		F	0	0.0	0	0.0	83	2.7	0	0.0	83	2.7	0	0.0	827	27.0	0	0.0	83	2.7	0	0.0	0	0.0	0	0.0	1,075	35.1
			Subtotal	0	0.0	0	0.0	539	17.6	0	0.0	909	29.7	0	0.0	1,449	47.3	42	1.4	125	4.1	0	0.0	0	0.0	0	0.0	3,064	100.0
	6/24	86	M	0	0.0	0	0.0	416	12.8	0	0.0	416	12.8	0	0.0	868	26.7	0	0.0	75	2.3	0	0.0	0	0.0	0	0.0	1,776	54.6
	(6/24, 27)		F	0	0.0	0	0.0	189	5.8	0	0.0	302	9.3	0	0.0	833	25.6	0	0.0	153	4.7	0	0.0	0	0.0	0	0.0	1,476	45.4
			Subtotal	0	0.0	0	0.0	605	18.6	0	0.0	719	22.1	0	0.0	1,701	52.3	0	0.0	228	7.0	0	0.0	0	0.0	0	0.0	3,252	100.0
	7/1	77	M	0	0.0	0	0.0	77	11.7	0	0.0	171	26.0	0	0.0	136	20.8	0	0.0	34	5.2	0	0.0	0	0.0	0	0.0	418	63.6
	(7/1)		F	0	0.0	0	0.0	9	1.3	0	0.0	60	9.1	0	0.0	128	19.5	0	0.0	43	6.5	0	0.0	0	0.0	0	0.0	239	36.4
			Subtotal	0	0.0	0	0.0	85	13.0	0	0.0	230	35.1	0	0.0	265	40.3	0	0.0	77	11.7	0	0.0	0	0.0	0	0.0	657	100.0
	7/4	39	M	0	0.0	0	0.0	52	10.3	0	0.0	117	23.1	0	0.0	117	23.1	0	0.0	26	5.1	0	0.0	0	0.0	0	0.0	313	61.5
	(7/4)		F	0	0.0	0	0.0	39	7.7	0	0.0	13	2.6	0	0.0	117	23.1	0	0.0	26	5.1	0	0.0	0	0.0	0	0.0	195	38.5
			Subtotal	0	0.0	0	0.0	91	18.0	0	0.0	130	25.7	0	0.0	234	46.2	0	0.0	52	10.2	0	0.0	0	0.0	0	0.0	508	100.0
	7/6	28	M	0	0.0	0	0.0	49	17.9	0	0.0	39	14.3	0	0.0	78	28.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	166	60.8
	(7/6)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	97	35.7	0	0.0	10	3.6	0	0.0	0	0.0	0	0.0	107	39.3
			Subtotal	0	0.0	0	0.0	49	17.9	0	0.0	39	14.3	0	0.0	175	64.3	0	0.0	10	3.6	0	0.0	0	0.0	0	0.0	273	100.0
	7/8	161	M	0	0.0	13	1.2	281	26.1	0	0.0	208	19.3	0	0.0	173	16.1	0	0.0	34	3.1	0	0.0	0	0.0	7	0.6	715	66.4
	(7/8, 11, 13)		F	0	0.0	0	0.0	0	0.0	0	0.0	27	2.5	0	0.0	267	24.8	0	0.0	67	6.2	0	0.0	0	0.0	0	0.0	361	33.5
			Subtotal	0	0.0	13	1.2	281	26.1	0	0.0	235	21.8	0	0.0	440	40.9	0	0.0	100	9.3	0	0.0	0	0.0	7	0.6	1,076	100.0
	7/19	38	M	0	0.0	0	0.0	103	15.8	0	0.0	120	18.4	0	0.0	120	18.4	0	0.0	17	2.6	0	0.0	0	0.0	0	0.0	359	55.3
	(7/15, 17, 19, 22, 24,		F	0	0.0	0	0.0	0	0.0	0	0.0	68	10.5	0	0.0	205	31.6	0	0.0	17	2.6	0	0.0	0	0.0	0	0.0	291	44.7
	26, 29, 31; 8/2, 5, 9, 14, 16, 19, 21, 23, 26, 28; 9/2)		Subtotal	0	0.0	0	0.0	103	15.8	0	0.0	188	28.9	0	0.0	325	50.0	0	0.0	34	5.2	0	0.0	0	0.0	0	0.0	650	100.0
	Season	503	M	0	0.0	13	0.1	1,434	15.1	0	0.0	1,897	20.0	0	0.0	2,115	22.3	42	0.4	228	2.4	0	0.0	0	0.0	7	0.1	5,736	60.5
			F	0	0.0	0	0.0	319	3.4	0	0.0	553	5.8	0	0.0	2,475	26.1	0	0.0	398	4.2	0	0.0	0	0.0	0	0.0	3,745	39.5
			Total	0	0.0	13	0.1	1,753	18.5	0	0.0	2,451	25.8	0	0.0	4,590	48.4	42	0.4	625	6.6	0	0.0	0	0.0	7	0.1	9,481	100.0

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 9 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1992	6/15	93	M	0	0.0	0	0.0	462	11.8	0	0.0	337	8.6	0	0.0	337	8.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,135	29.0
	(6/15)		F	0	0.0	0	0.0	630	16.1	0	0.0	1,221	31.2	0	0.0	842	21.5	0	0.0	86	2.2	0	0.0	0	0.0	0	0.0	2,779	71.0
			Total	0	0.0	0	0.0	1,092	27.9	0	0.0	1,558	39.8	0	0.0	1,178	30.1	0	0.0	86	2.2	0	0.0	0	0.0	0	0.0	3,914	100.0
	6/18	88	M	0	0.0	0	0.0	198	10.2	0	0.0	375	19.3	0	0.0	132	6.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	706	36.4
	(6/18)		F	0	0.0	0	0.0	198	10.2	0	0.0	552	28.4	0	0.0	353	18.2	0	0.0	132	6.8	0	0.0	0	0.0	0	0.0	1,236	63.6
			Subtotal	0	0.0	0	0.0	397	20.4	0	0.0	927	47.7	0	0.0	486	25.0	0	0.0	132	6.8	0	0.0	0	0.0	0	0.0	1,942	100.0
	6/24	177	M	0	0.0	0	0.0	697	24.9	0	0.0	411	14.7	0	0.0	568	20.3	0	0.0	95	3.4	0	0.0	0	0.0	0	0.0	1,771	63.3
	(6/24)		F	0	0.0	0	0.0	520	18.6	0	0.0	204	7.3	0	0.0	285	10.2	0	0.0	17	0.6	0	0.0	0	0.0	0	0.0	1,027	36.7
			Subtotal	0	0.0	0	0.0	1,217	43.5	0	0.0	616	22.0	0	0.0	853	30.5	0	0.0	112	4.0	0	0.0	0	0.0	0	0.0	2,798	100.0
	6/29	86	M	0	0.0	59	1.2	353	7.0	0	0.0	647	12.8	0	0.0	237	4.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,297	25.6
	(6/29,7/1,3)		F	0	0.0	177	3.5	1,413	27.9	0	0.0	1,413	27.9	0	0.0	647	12.8	0	0.0	116	2.3	0	0.0	0	0.0	0	0.0	3,766	74.4
			Subtotal	0	0.0	236	4.7	1,766	34.9	0	0.0	2,060	40.7	0	0.0	884	17.5	0	0.0	116	2.3	0	0.0	0	0.0	0	0.0	5,063	100.0
	7/13	57	M	0	0.0	428	12.3	122	3.5	0	0.0	183	5.3	0	0.0	183	5.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	917	26.3
	(7/6-7,8,10,13,		F	0	0.0	183	5.3	793	22.8	0	0.0	734	21.1	0	0.0	671	19.3	0	0.0	183	5.3	0	0.0	0	0.0	0	0.0	2,564	73.7
	15,17,20,22,24,27,		Subtotal	0	0.0	611	17.6	915	26.3	0	0.0	917	26.4	0	0.0	854	24.6	0	0.0	183	5.3	0	0.0	0	0.0	0	0.0	3,480	100.0
	29,31,8/3,5,7,10,12,																												
	14,17,19,21,24,26,28,31)																												
	Season	501	M	0	0.0	487	2.8	1,832	10.7	0	0.0	1,954	11.4	0	0.0	1,457	8.5	0	0.0	95	0.6	0	0.0	0	0.0	0	0.0	5,826	33.9
			F	0	0.0	361	2.1	3,554	20.7	0	0.0	4,123	24.0	0	0.0	2,798	16.3	0	0.0	535	3.1	0	0.0	0	0.0	0	0.0	11,372	66.1
			Total	0	0.0	848	4.9	5,387	31.3	0	0.0	6,077	35.3	0	0.0	4,256	24.7	0	0.0	630	3.7	0	0.0	0	0.0	0	0.0	17,198	100.0
1993	6/21	133	M	0	0.0	0	0.0	2,562	41.4	0	0.0	1,306	21.1	48	0.8	370	6.0	0	0.0	48	0.8	0	0.0	0	0.0	0	0.0	4,334	70.0
	(6/21)		F	0	0.0	0	0.0	48	0.8	0	0.0	421	6.8	0	0.0	1,208	19.5	0	0.0	186	3.0	0	0.0	0	0.0	0	0.0	1,863	30.1
			Subtotal	0	0.0	0	0.0	2,610	42.1	0	0.0	1,727	27.9	48	0.8	1,578	25.5	0	0.0	234	3.8	0	0.0	0	0.0	0	0.0	6,194	100.0
	6/24	73	M	0	0.0	0	0.0	762	31.5	0	0.0	530	21.9	0	0.0	99	4.1	0	0.0	0	0.0	33	1.4	0	0.0	0	0.0	1,424	58.9
	(6/24)		F	0	0.0	0	0.0	0	0.0	0	0.0	232	9.6	0	0.0	696	28.8	33	1.4	33	1.4	0	0.0	0	0.0	0	0.0	995	41.1
			Subtotal	0	0.0	0	0.0	762	31.5	0	0.0	762	31.5	0	0.0	795	32.9	33	1.4	33	1.4	33	1.4	0	0.0	0	0.0	2,419	100.0
	6/28, 7/2	76	M	0	0.0	0	0.0	1,504	31.6	0	0.0	376	7.9	0	0.0	500	10.5	125	2.6	0	0.0	0	0.0	0	0.0	0	0.0	2,505	52.6
	(6/28,30,7/2,5)		F	0	0.0	0	0.0	125	2.6	0	0.0	876	18.4	0	0.0	1,130	23.7	0	0.0	125	2.6	0	0.0	0	0.0	0	0.0	2,255	47.4
			Subtotal	0	0.0	0	0.0	1,629	34.2	0	0.0	1,252	26.3	0	0.0	1,629	34.2	125	2.6	125	2.6	0	0.0	0	0.0	0	0.0	4,760	100.0
	7/9, 12	55	M	0	0.0	0	0.0	702	29.1	0	0.0	350	14.5	0	0.0	350	14.5	0	0.0	44	1.8	0	0.0	0	0.0	0	0.0	1,446	60.0
	(7/7,9,12,14,16,19,		F	0	0.0	0	0.0	44	1.8	0	0.0	307	12.7	0	0.0	526	21.8	0	0.0	87	3.6	0	0.0	0	0.0	0	0.0	964	40.0
	21,23,26,28,30,		Subtotal	0	0.0	0	0.0	746	30.9	0	0.0	657	27.2	0	0.0	876	36.3	0	0.0	131	5.4	0	0.0	0	0.0	0	0.0	2,411	100.0
	8/2,6,9,11,16,18,																												
	20,23,25,28)																												
	Season	337	M	0	0.0	0	0.0	5,531	35.0	0	0.0	2,562	16.2	48	0.3	1,319	8.4	125	0.8	92	0.6	33	0.2	0	0.0	0	0.0	9,709	61.5
			F	0	0.0	0	0.0	216	1.4	0	0.0	1,835	11.6	0	0.0	3,560	22.6	33	0.2	431	2.7	0	0.0	0	0.0	0	0.0	6,076	38.5
			Total	0	0.0	0	0.0	5,747	36.4	0	0.0	4,397	27.9	48	0.3	4,879	30.9	158	1.0	523	3.3	33	0.2	0	0.0	0	0.0	15,785	100.0
1994	6/15	38	M	0	0.0	0	0.0	184	15.8	0	0.0	154	13.2	0	0.0	276	23.7	0	0.0	62	5.3	0	0.0	0	0.0	0	0.0	675	57.9
	(6/15)		F	0	0.0	0	0.0	0	0.0	0	0.0	214	18.4	0	0.0	276	23.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	490	42.1
			Subtotal	0	0.0	0	0.0	184	15.8	0	0.0	368	31.6	0	0.0	552	47.4	0	0.0	62	5.3	0	0.0	0	0.0	0	0.0	1,165	100.0
	6/20	126	M	0	0.0	0	0.0	36	4.8	0	0.0	177	23.8	0	0.0	124	16.7	0	0.0	6	0.8	0	0.0	0	0.0	0	0.0	343	46.0
	(6/20)		F	0	0.0	0	0.0	77	10.3	0	0.0	160	21.4	0	0.0	137	18.3	0	0.0	30	4.0	0	0.0	0	0.0	0	0.0	403	54.0
			Subtotal	0	0.0	0	0.0	112	15.1	0	0.0	337	45.2	0	0.0	261	35.0	0	0.0	36	4.8	0	0.0	0	0.0	0	0.0	746	100.0

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 10 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	7/1	103	M	0	0.0	25	1.0	664	26.2	0	0.0	517	20.4	0	0.0	220	8.7	0	0.0	0	0.0	25	1.0	0	0.0	0	0.0	1,452	57.3
	(7/1)		F	0	0.0	0	0.0	25	1.0	0	0.0	345	13.6	0	0.0	639	25.2	0	0.0	73	2.9	0	0.0	0	0.0	0	0.0	1,082	42.7
			Subtotal	0	0.0	25	1.0	689	27.2	0	0.0	862	34.0	0	0.0	859	33.9	0	0.0	73	2.9	25	1.0	0	0.0	0	0.0	2,534	100.0
	7/6	59	M	0	0.0	69	1.7	420	10.2	0	0.0	1,255	30.5	0	0.0	419	10.2	0	0.0	69	1.7	0	0.0	0	0.0	0	0.0	2,233	54.2
	(7/4,6,8,11,13,15,18,		F	0	0.0	0	0.0	69	1.7	0	0.0	630	15.3	0	0.0	1,046	25.4	0	0.0	140	3.4	0	0.0	0	0.0	0	0.0	1,886	45.8
	20,22,25,27,29,8/1,		Subtotal	0	0.0	69	1.7	489	11.9	0	0.0	1,886	45.8	0	0.0	1,466	35.6	0	0.0	209	5.1	0	0.0	0	0.0	0	0.0	4,119	100.0
	3,5,8,12,15,17,19,																												
	22,24,26,29,9/5)																												
	Season	326	M	0	0.0	95	1.1	1,304	15.2	0	0.0	2,103	24.6	0	0.0	1,040	12.1	0	0.0	137	1.6	25	0.3	0	0.0	0	0.0	4,704	54.9
			F	0	0.0	0	0.0	171	2.0	0	0.0	1,349	15.7	0	0.0	2,097	24.5	0	0.0	243	2.8	0	0.0	0	0.0	0	0.0	3,861	45.1
			Total	0	0.0	95	1.1	1,475	17.2	0	0.0	3,452	40.3	0	0.0	3,137	36.6	0	0.0	380	4.4	25	0.3	0	0.0	0	0.0	8,565	100.0
1995	6/13	206	M	0	0.0	0	0.0	1,593	20.9	0	0.0	442	5.8	0	0.0	1,553	20.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,588	47.1
	(6/13)		F	0	0.0	0	0.0	1,110	14.6	0	0.0	814	10.7	0	0.0	2,035	26.7	0	0.0	74	1.0	0	0.0	0	0.0	0	0.0	4,033	52.9
			Subtotal	0	0.0	0	0.0	2,703	35.5	0	0.0	1,256	16.5	0	0.0	3,588	47.1	0	0.0	74	1.0	0	0.0	0	0.0	0	0.0	7,621	100.0
	6/17	199	M	0	0.0	0	0.0	3,665	23.6	0	0.0	1,879	12.1	0	0.0	3,044	19.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8,589	55.3
	(6/17, 20)		F	0	0.0	0	0.0	388	2.5	0	0.0	932	6.0	0	0.0	5,622	36.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6,942	44.7
			Subtotal	0	0.0	0	0.0	4,054	26.1	0	0.0	2,811	18.1	0	0.0	8,666	55.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	15,531	100.0
	6/24	78	M	0	0.0	0	0.0	1,167	19.2	0	0.0	778	12.8	0	0.0	1,713	28.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,658	60.2
	(6/24)		F	0	0.0	0	0.0	0	0.0	0	0.0	312	5.1	0	0.0	2,025	33.3	0	0.0	79	1.3	0	0.0	0	0.0	0	0.0	2,415	39.8
			Subtotal	0	0.0	0	0.0	1,167	19.2	0	0.0	1,089	17.9	0	0.0	3,737	61.5	0	0.0	79	1.3	0	0.0	0	0.0	0	0.0	6,073	100.0
	6/26	120	M	0	0.0	0	0.0	1,170	12.5	0	0.0	780	8.3	0	0.0	3,587	38.3	0	0.0	78	0.8	0	0.0	0	0.0	0	0.0	5,614	60.0
	(6/26,29,7/3,5,7,10,12		F	0	0.0	0	0.0	0	0.0	0	0.0	157	1.7	0	0.0	3,587	38.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,745	40.0
	14,17,19,21,24,26,28		Subtotal	0	0.0	0	0.0	1,170	12.5	0	0.0	937	10.0	0	0.0	7,175	76.7	0	0.0	78	0.8	0	0.0	0	0.0	0	0.0	9,359	100.0
	31,8/2,4,7,9,11,14,16																												
	18,21,23,25,28,30,9/1)																												
	Season	603	M	0	0.0	0	0.0	7,595	19.7	0	0.0	3,879	10.1	0	0.0	9,897	25.7	0	0.0	78	0.2	0	0.0	0	0.0	0	0.0	21,449	55.6
			F	0	0.0	0	0.0	1,499	3.9	0	0.0	2,215	5.7	0	0.0	13,269	34.4	0	0.0	153	0.4	0	0.0	0	0.0	0	0.0	17,135	44.4
			Total	0	0.0	0	0.0	9,094	23.6	0	0.0	6,093	15.8	0	0.0	23,166	60.0	0	0.0	231	0.6	0	0.0	0	0.0	0	0.0	38,584	100.0
1996[c]	6/22	125	M	0	0.0	38	0.8	608	12.8	0	0.0	1,673	35.2	0	0.0	266	5.6	0	0.0	114	2.4	0	0.0	0	0.0	0	0.0	2,699	56.8
	(6/22)		F	0	0.0	0	0.0	0	0.0	0	0.0	874	18.4	0	0.0	836	17.6	0	0.0	342	7.2	0	0.0	0	0.0	0	0.0	2,053	43.2
			Subtotal	0	0.0	38	0.8	608	12.8	0	0.0	2,547	53.6	0	0.0	1,102	23.2	0	0.0	456	9.6	0	0.0	0	0.0	0	0.0	4,752	100.0
	6/25	81	M	0	0.0	0	0.0	105	4.9	0	0.0	656	30.9	0	0.0	157	7.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	918	43.2
	(6/25)		F	0	0.0	0	0.0	210	9.9	0	0.0	420	19.8	0	0.0	525	24.7	0	0.0	52	2.5	0	0.0	0	0.0	0	0.0	1,207	56.8
			Subtotal	0	0.0	0	0.0	315	14.8	0	0.0	1,076	50.6	0	0.0	682	32.1	0	0.0	52	2.5	0	0.0	0	0.0	0	0.0	2,125	100.0
	6/29	193	M	0	0.0	76	1.0	1,322	18.1	0	0.0	1,964	26.9	0	0.0	717	9.8	0	0.0	38	0.5	0	0.0	0	0.0	0	0.0	4,116	56.5
	(6/29)		F	0	0.0	0	0.0	189	2.6	0	0.0	982	13.5	0	0.0	1,435	19.7	0	0.0	566	7.8	0	0.0	0	0.0	0	0.0	3,172	43.5
			Subtotal	0	0.0	76	1.0	1,510	20.7	0	0.0	2,945	40.4	0	0.0	2,152	29.5	0	0.0	604	8.3	0	0.0	0	0.0	0	0.0	2,378	100.0
	(7/3)	0	M																										
			F																										
			Subtotal																									1,787	
	(7/6,9,11,13,15,	0	M																										
	17,20,24,27,29,		F																										
	31, 8/2,5,7,9,12,		Subtotal																									3,123	
	14,16,19,21,23,26)																												

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 11 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	Season	399	M																										
			F																										
			Total																									14,165	
1997 [d]	6/13	181	M	0	0.0	107	0.6	7,086	36.5	0	0.0	1,825	9.4	0	0.0	3,650	18.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12,668	65.2
	(6/13,16,19)		F	0	0.0	0	0.0	107	0.5	0	0.0	430	2.2	0	0.0	6,012	30.9	0	0.0	215	1.1	0	0.0	0	0.0	0	0.0	6,764	34.8
			Subtotal	0	0.0	107	0.6	7,193	37.0	0	0.0	2,255	11.6	0	0.0	9,662	49.7	0	0.0	215	1.1	0	0.0	0	0.0	0	0.0	19,432	100.0
	6/26	156	M	0	0.0	121	1.3	3,274	34.6	0	0.0	1,395	14.7	0	0.0	1,940	20.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6,729	71.2
	(6/23,26,30)		F	0	0.0	0	0.0	0	0.0	0	0.0	121	1.3	0	0.0	2,607	27.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,728	28.8
			Subtotal	0	0.0	121	1.3	3,274	34.6	0	0.0	1,516	16.0	0	0.0	4,547	48.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9,457	100.0
	7/4	105	M	0	0.0	52	1.0	1,552	28.6	0	0.0	259	4.8	0	0.0	983	18.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,845	52.4
	(7/2,4,7,9,11)		F	0	0.0	0	0.0	0	0.0	0	0.0	103	1.9	0	0.0	2,482	45.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,586	47.6
			Subtotal	0	0.0	52	1.0	1,552	28.6	0	0.0	362	6.7	0	0.0	3,465	63.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,431	100.0
	7/21	97	M	0	0.0	44	6.2	236	33.0	7	1.0	22	3.1	0	0.0	59	8.2	0	0.0	7	1.0	0	0.0	0	0.0	0	0.0	376	52.6
	(7/14,16,18,21,23)		F	0	0.0	0	0.0	0	0.0	0	0.0	7	1.0	0	0.0	332	46.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	339	47.4
			Subtotal	0	0.0	44	6.2	236	33.0	7	1.0	29	4.1	0	0.0	391	54.6	0	0.0	7	1.0	0	0.0	0	0.0	0	0.0	715	100.0
	7/25	34	M	0	0.0	70	14.7	251	52.9	14	2.9	84	17.6	0	0.0	28	5.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	447	94.1
	(7/25,28,30,8/1,4,		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	28	5.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	28	5.9
	6,8,13,15,18,20,		Subtotal	0	0.0	70	14.7	251	52.9	14	2.9	84	17.6	0	0.0	56	11.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	475	100.0
	22,25,28)																												
	Season	573	M	0	0.0	394	1.1	12,398	34.9	21	0.1	3,584	10.1	0	0.0	6,660	18.7	0	0.0	7	0.0	0	0.0	0	0.0	0	0.0	23,065	65.0
			F	0	0.0	0	0.0	108	0.3	0	0.0	661	1.9	0	0.0	11,461	32.3	0	0.0	215	0.6	0	0.0	0	0.0	0	0.0	12,445	35.0
			Total	0	0.0	394	1.1	12,506	35.2	21	0.1	4,245	12.0	0	0.0	18,121	51.0	0	0.0	222	0.6	0	0.0	0	0.0	0	0.0	35,510	100.0
1998 [d]	6/15	193	M	0	0.0	27	0.5	1,165	22.3	0	0.0	2,627	50.2	0	0.0	460	8.8	0	0.0	108	2.1	0	0.0	0	0.0	0	0.0	4,387	83.9
	(6/15,18)		F	0	0.0	0	0.0	0	0.0	0	0.0	271	5.2	0	0.0	569	10.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	840	16.1
			Subtotal	0	0.0	27	0.5	1,165	22.3	0	0.0	2,898	55.4	0	0.0	1,029	19.7	0	0.0	108	2.1	0	0.0	0	0.0	0	0.0	5,227	100.0
	6/22	192	M	0	0.0	71	1.0	1,592	23.4	0	0.0	3,043	44.8	0	0.0	637	9.4	0	0.0	71	1.0	0	0.0	0	0.0	0	0.0	5,413	79.7
	(6/22,25)		F	0	0.0	0	0.0	106	1.6	0	0.0	601	8.8	0	0.0	566	8.3	0	0.0	106	1.6	0	0.0	0	0.0	0	0.0	1,380	20.3
			Subtotal	0	0.0	71	1.0	1,698	25.0	0	0.0	3,644	53.6	0	0.0	1,203	17.7	0	0.0	177	2.6	0	0.0	0	0.0	0	0.0	6,793	100.0
	7/6	187	M	0	0.0	265	3.7	1,362	19.3	0	0.0	3,253	46.0	0	0.0	643	9.1	0	0.0	38	0.5	0	0.0	0	0.0	0	0.0	5,561	78.6
	(6/29,7/2,6,8)		F	0	0.0	0	0.0	0	0.0	0	0.0	643	9.1	0	0.0	794	11.2	0	0.0	75	1.1	0	0.0	0	0.0	0	0.0	1,513	21.4
			Subtotal	0	0.0	265	3.7	1,362	19.3	0	0.0	3,896	55.1	0	0.0	1,437	20.3	0	0.0	113	1.6	0	0.0	0	0.0	0	0.0	7,074	100.0
	7/13	152	M	0	0.0	348	8.6	1,364	33.6	0	0.0	936	23.0	0	0.0	321	7.9	0	0.0	27	0.7	0	0.0	0	0.0	0	0.0	2,995	73.7
	(7/10,13,15,17,20,		F	0	0.0	0	0.0	0	0.0	0	0.0	508	12.5	0	0.0	508	12.5	0	0.0	53	1.3	0	0.0	0	0.0	0	0.0	1,069	26.3
	22,24,27,29,31,8/3,		Subtotal	0	0.0	348	8.6	1,364	33.6	0	0.0	1,444	35.5	0	0.0	829	20.4	0	0.0	80	2.0	0	0.0	0	0.0	0	0.0	4,064	100.0
	5,7,10,12,14,17,21,																												
	24,26,28,9/2,4)																												
	Season	724	M	0	0.0	710	3.1	5,482	23.7	0	0.0	9,859	42.6	0	0.0	2,061	8.9	0	0.0	244	1.1	0	0.0	0	0.0	0	0.0	18,356	79.3
			F	0	0.0	0	0.0	106	0.4	0	0.0	2,023	8.7	0	0.0	2,437	10.5	0	0.0	235	1.0	0	0.0	0	0.0	0	0.0	4,802	20.7
			Total	0	0.0	710	3.1	5,588	24.1	0	0.0	11,882	51.3	0	0.0	4,498	19.4	0	0.0	479	2.1	0	0.0	0	0.0	0	0.0	23,158	100.0

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 12 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1999[d]	6/21	157	M	0	0.0	0	0.0	1,298	31.8	0	0.0	1,090	26.8	26	0.6	649	15.9	0	0.0	26	0.6	0	0.0	0	0.0	0	0.0	3,089	75.8
	(6/21)		F	0	0.0	0	0.0	0	0.0	0	0.0	26	0.6	0	0.0	908	22.3	0	0.0	52	1.3	0	0.0	0	0.0	0	0.0	986	24.2
			Subtotal	0	0.0	0	0.0	1,298	31.8	0	0.0	1,116	27.4	26	0.6	1,557	38.2	0	0.0	78	1.9	0	0.0	0	0.0	0	0.0	4,075	100.0
	6/24	208	M	0	0.0	0	0.0	919	26.4	0	0.0	802	23.1	0	0.0	769	22.1	0	0.0	17	0.5	33	1.0	0	0.0	0	0.0	2,540	73.1
	(6/24)		F	0	0.0	0	0.0	0	0.0	0	0.0	100	2.9	0	0.0	835	24.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	936	26.9
			Subtotal	0	0.0	0	0.0	919	26.4	0	0.0	902	26.0	0	0.0	1,604	46.2	0	0.0	17	0.5	33	1.0	0	0.0	0	0.0	3,476	100.0
	6/28	176	M	0	0.0	0	0.0	2,795	32.4	0	0.0	1,569	18.2	0	0.0	1,765	20.5	0	0.0	49	0.6	0	0.0	0	0.0	0	0.0	6,178	71.6
	(6/28; 7/1,5)		F	0	0.0	0	0.0	98	1.1	0	0.0	147	1.7	0	0.0	2,109	24.4	0	0.0	98	1.1	0	0.0	0	0.0	0	0.0	2,452	28.4
			Subtotal	0	0.0	0	0.0	2,893	33.5	0	0.0	1,716	19.9	0	0.0	3,874	44.9	0	0.0	147	1.7	0	0.0	0	0.0	0	0.0	8,630	100.0
	7/14	121	M	0	0.0	74	3.3	390	17.4	0	0.0	241	10.7	0	0.0	353	15.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,058	47.1
	(7/9,14,16,19,21,		F	0	0.0	0	0.0	0	0.0	0	0.0	112	5.0	0	0.0	1,020	45.5	0	0.0	56	2.5	0	0.0	0	0.0	0	0.0	1,187	52.9
	23,26,28,30,8/2, 4,11,16,18)		Subtotal	0	0.0	74	3.3	390	17.4	0	0.0	353	15.7	0	0.0	1,373	61.2	0	0.0	56	2.5	0	0.0	0	0.0	0	0.0	2,245	100.0
	Season	662	M	0	0.0	74	0.4	5,402	29.3	0	0.0	3,702	20.1	26	0.1	3,535	19.2	0	0.0	92	0.5	33	0.2	0	0.0	0	0.0	12,865	69.8
			F	0	0.0	0	0.0	98	0.5	0	0.0	385	2.1	0	0.0	4,873	26.4	0	0.0	205	1.1	0	0.0	0	0.0	0	0.0	5,561	30.2
			Total	0	0.0	74	0.4	5,500	29.8	0	0.0	4,087	22.2	26	0.1	8,408	45.6	0	0.0	297	1.6	33	0.2	0	0.0	0	0.0	18,426	100.0
2000[d]	6/15	194	M	0	0.0	0	0.0	264	8.8	0	0.0	1,508	50.0	0	0.0	482	16.0	0	0.0	16	0.5	0	0.0	0	0.0	0	0.0	2,269	75.3
	(6/15)		F	0	0.0	0	0.0	0	0.0	0	0.0	62	2.1	0	0.0	668	22.1	0	0.0	15	0.5	0	0.0	0	0.0	0	0.0	746	24.7
			Subtotal	0	0.0	0	0.0	264	8.8	0	0.0	1,570	52.1	0	0.0	1,150	38.1	0	0.0	31	1.0	0	0.0	0	0.0	0	0.0	3,015	100.0
	6/22	174	M	0	0.0	0	0.0	1,684	13.2	0	0.0	4,832	37.9	0	0.0	2,124	16.7	0	0.0	146	1.1	0	0.0	0	0.0	0	0.0	8,786	69.0
	(6/19,22,26)		F	0	0.0	0	0.0	0	0.0	0	0.0	586	4.6	0	0.0	3,075	24.1	0	0.0	293	2.3	0	0.0	0	0.0	0	0.0	3,954	31.0
			Subtotal	0	0.0	0	0.0	1,684	13.2	0	0.0	5,418	42.5	0	0.0	5,199	40.8	0	0.0	439	3.4	0	0.0	0	0.0	0	0.0	12,740	100.0
	7/3	112	M	0	0.0	147	2.7	880	16.1	0	0.0	1,711	31.3	0	0.0	977	17.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,715	67.9
	(6/29-8/24)		F	0	0.0	0	0.0	0	0.0	0	0.0	440	8.0	0	0.0	1,271	23.2	0	0.0	49	0.9	0	0.0	0	0.0	0	0.0	1,759	32.1
			Subtotal	0	0.0	147	2.7	880	16.1	0	0.0	2,151	39.3	0	0.0	2,248	41.1	0	0.0	49	0.9	0	0.0	0	0.0	0	0.0	5,474	100.0
	Season	480	M	0	0.0	147	0.7	2,828	13.3	0	0.0	8,050	37.9	0	0.0	3,583	16.9	0	0.0	162	0.7	0	0.0	0	0.0	0	0.0	14,770	69.6
			F	0	0.0	0	0.0	0	0.0	0	0.0	1,088	5.1	0	0.0	5,014	23.6	0	0.0	357	1.7	0	0.0	0	0.0	0	0.0	6,459	30.4
			Total	0	0.0	147	0.7	2,828	13.3	0	0.0	9,138	43.0	0	0.0	8,597	40.5	0	0.0	519	2.4	0	0.0	0	0.0	0	0.0	21,229	100.0
2001[d]	6/21	191	M	0	0.0	21	0.5	169	4.2	0	0.0	653	16.2	0	0.0	1,622	40.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,465	61.3
	(6/21)		F	0	0.0	21	0.5	0	0.0	0	0.0	148	3.7	0	0.0	1,391	34.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,559	38.7
			Subtotal	0	0.0	42	1.0	169	4.2	0	0.0	801	19.9	0	0.0	3,013	74.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,024	100.0
	6/28	198	M	0	0.0	0	0.0	682	12.1	0	0.0	597	10.6	0	0.0	2,160	38.4	0	0.0	28	0.5	0	0.0	0	0.0	0	0.0	3,467	61.6
	(6/25,28)		F	0	0.0	0	0.0	0	0.0	0	0.0	85	1.5	0	0.0	2,018	35.8	0	0.0	57	1.0	0	0.0	0	0.0	0	0.0	2,160	38.4
			Subtotal	0	0.0	0	0.0	682	12.1	0	0.0	682	12.1	0	0.0	4,178	74.2	0	0.0	85	1.5	0	0.0	0	0.0	0	0.0	5,627	100.0
	7/5	181	M	0	0.0	0	0.0	380	12.2	0	0.0	225	7.2	0	0.0	1,139	36.5	0	0.0	52	1.7	0	0.0	0	0.0	0	0.0	1,795	57.5
	(7/2-8/24)		F	0	0.0	0	0.0	0	0.0	0	0.0	17	0.5	0	0.0	1,295	41.4	0	0.0	17	0.5	0	0.0	0	0.0	0	0.0	1,329	42.5
			Subtotal	0	0.0	0	0.0	380	12.2	0	0.0	242	7.7	0	0.0	2,434	77.9	0	0.0	69	2.2	0	0.0	0	0.0	0	0.0	3,124	100.0
	Season	570	M	0	0.0	21	0.2	1,230	9.6	0	0.0	1,474	11.5	0	0.0	4,921	38.5	0	0.0	80	0.6	0	0.0	0	0.0	0	0.0	7,727	60.5
			F	0	0.0	21	0.1	0	0.0	0	0.0	250	2.0	0	0.0	4,703	36.8	0	0.0	74	0.6	0	0.0	0	0.0	0	0.0	5,048	39.5
			Total	0	0.0	42	0.3	1,230	9.6	0	0.0	1,724	13.5	0	0.0	9,624	75.3	0	0.0	154	1.2	0	0.0	0	0.0	0	0.0	12,775	100.0

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 13 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
2002[d]	6/14	105	M	0	0.0	0	0.0	1,266	33.3	0	0.0	1,049	27.6	0	0.0	760	20.0	0	0.0	109	2.9	0	0.0	0	0.0	0	0.0	3,182	83.8
	(6/14,17)		F	0	0.0	0	0.0	36	1.0	0	0.0	36	1.0	0	0.0	506	13.3	0	0.0	36	0.9	0	0.0	0	0.0	0	0.0	615	16.2
			Subtotal	0	0.0	0	0.0	1,302	34.3	0	0.0	1,085	28.6	0	0.0	1,266	33.3	0	0.0	145	3.8	0	0.0	0	0.0	0	0.0	3,797	100.0
	6/20	162	M	0	0.0	19	0.6	909	29.0	0	0.0	851	27.2	0	0.0	638	20.4	0	0.0	97	3.1	0	0.0	0	0.0	0	0.0	2,515	80.2
	(6/20, 26)		F	0	0.0	0	0.0	0	0.0	0	0.0	39	1.2	0	0.0	484	15.4	0	0.0	96	3.1	0	0.0	0	0.0	0	0.0	619	19.8
			Subtotal	0	0.0	19	0.6	909	29.0	0	0.0	890	28.4	0	0.0	1,122	35.8	0	0.0	193	6.2	0	0.0	0	0.0	0	0.0	3,134	100.0
	7/1	169	M	0	0.0	93	2.0	1,267	27.7	0	0.0	1,051	23.0	0	0.0	680	14.9	0	0.0	31	0.7	0	0.0	0	0.0	0	0.0	3,121	68.2
	(7/3-8/26)		F	0	0.0	0	0.0	62	1.4	0	0.0	154	3.4	0	0.0	1,112	24.3	0	0.0	123	2.7	0	0.0	0	0.0	0	0.0	1,452	31.8
			Subtotal	0	0.0	93	2.0	1,329	29.1	0	0.0	1,205	26.4	0	0.0	1,792	39.2	0	0.0	154	3.4	0	0.0	0	0.0	0	0.0	4,573	100.0
	Season	436	M	0	0.0	112	1.0	3,442	29.9	0	0.0	2,951	25.6	0	0.0	2,078	18.0	0	0.0	236	2.1	0	0.0	0	0.0	0	0.0	8,818	76.7
			F	0	0.0	0	0.0	98	0.9	0	0.0	229	2.0	0	0.0	2,102	18.3	0	0.0	257	2.2	0	0.0	0	0.0	0	0.0	2,686	23.3
			Total	0	0.0	112	1.0	3,540	30.8	0	0.0	3,180	27.6	0	0.0	4,180	36.3	0	0.0	493	4.3	0	0.0	0	0.0	0	0.0	11,504	100.0
2003[d]	6/14	199	M	0	0.0	0	0.0	1,507	27.6	0	0.0	2,028	37.2	0	0.0	932	17.1	0	0.0	82	1.5	0	0.0	0	0.0	0	0.0	4,550	83.4
	(6/14,17)		F	0	0.0	0	0.0	0	0.0	0	0.0	137	2.5	0	0.0	575	10.5	0	0.0	192	3.5	0	0.0	0	0.0	0	0.0	904	16.6
			Subtotal	0	0.0	0	0.0	1,507	27.6	0	0.0	2,165	39.7	0	0.0	1,507	27.6	0	0.0	274	5.0	0	0.0	0	0.0	0	0.0	5,454	100.0
	6/19	210	M	0	0.0	169	4.3	1,201	30.5	0	0.0	1,501	38.1	0	0.0	507	12.9	0	0.0	19	0.5	0	0.0	0	0.0	0	0.0	3,397	86.2
	(6/19,24)		F	0	0.0	0	0.0	0	0.0	0	0.0	38	0.9	0	0.0	469	11.9	0	0.0	37	0.9	0	0.0	0	0.0	0	0.0	544	13.8
			Subtotal	0	0.0	169	4.3	1,201	30.5	0	0.0	1,539	39.0	0	0.0	976	24.8	0	0.0	56	1.4	0	0.0	0	0.0	0	0.0	3,941	100.0
	7/1,7,14	138	M	0	0.0	183	3.6	805	16.0	0	0.0	951	18.8	0	0.0	1,098	21.7	0	0.0	37	0.7	0	0.0	0	0.0	0	0.0	3,073	60.9
	(7/1-8/27)		F	0	0.0	73	1.5	476	9.4	0	0.0	293	5.8	0	0.0	1,134	22.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,976	39.1
			Subtotal	0	0.0	256	5.1	1,281	25.4	0	0.0	1,244	24.6	0	0.0	2,232	44.2	0	0.0	37	0.7	0	0.0	0	0.0	0	0.0	5,049	100.0
	Season	547	M	0	0.0	352	2.4	3,513	24.3	0	0.0	4,481	31.0	0	0.0	2,536	17.5	0	0.0	138	0.9	0	0.0	0	0.0	0	0.0	11,020	76.3
			F	0	0.0	73	0.5	476	3.3	0	0.0	467	3.3	0	0.0	2,179	15.1	0	0.0	229	1.6	0	0.0	0	0.0	0	0.0	3,424	23.7
			Total	0	0.0	425	2.9	3,989	27.6	0	0.0	4,948	34.3	0	0.0	4,715	32.6	0	0.0	367	2.5	0	0.0	0	0.0	0	0.0	14,444	100.0
2004[d]	6/17	59	M	0	0.0	0	0.0	3,188	45.8	0	0.0	2,244	32.2	0	0.0	827	11.8	0	0.0	236	3.4	0	0.0	0	0.0	0	0.0	6,495	93.2
	(6/15,17)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	472	6.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	472	6.8
			Subtotal	0	0.0	0	0.0	3,188	45.8	0	0.0	2,244	32.2	0	0.0	1,299	18.6	0	0.0	236	3.4	0	0.0	0	0.0	0	0.0	6,967	100.0
	6/24	61	M	0	0.0	0	0.0	2,382	39.3	0	0.0	1,886	31.1	0	0.0	893	14.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5,161	85.2
	(6/22,24)		F	0	0.0	0	0.0	0	0.0	0	0.0	198	3.3	0	0.0	695	11.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	893	14.8
			Subtotal	0	0.0	0	0.0	2,382	39.3	0	0.0	2,084	34.4	0	0.0	1,588	26.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6,054	100.0
	7/1	64	M	0	0.0	120	1.6	3,587	46.9	0	0.0	1,554	20.3	0	0.0	478	6.3	0	0.0	120	1.6	0	0.0	0	0.0	0	0.0	5,859	76.6
	(6/29,7/1,5)		F	0	0.0	0	0.0	119	1.5	0	0.0	598	7.8	0	0.0	957	12.5	0	0.0	119	1.5	0	0.0	0	0.0	0	0.0	1,793	23.4
			Subtotal	0	0.0	120	1.6	3,706	48.4	0	0.0	2,152	28.1	0	0.0	1,435	18.8	0	0.0	239	3.1	0	0.0	0	0.0	0	0.0	7,652	100.0
	7/12	24	M	0	0.0	0	0.0	2,596	54.2	0	0.0	998	20.8	0	0.0	799	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,393	91.7
	(7/7,912,14,16,8/2,		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	399	8.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	399	8.3
	4,6,9,11,13,16,18, 20,23,25,27)		Subtotal	0	0.0	0	0.0	2,596	54.2	0	0.0	998	20.8	0	0.0	1,198	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4,792	100.0
	Season	208	M	0	0.0	120	0.5	11,753	46.1	0	0.0	6,682	26.3	0	0.0	2,997	11.8	0	0.0	356	1.4	0	0.0	0	0.0	0	0.0	21,907	86.0
			F	0	0.0	0	0.0	119	0.5	0	0.0	796	3.1	0	0.0	2,523	9.9	0	0.0	119	0.5	0	0.0	0	0.0	0	0.0	3,558	14.0
			Total	0	0.0	120	0.5	11,872	46.6	0	0.0	7,478	29.4	0	0.0	5,520	21.7	0	0.0	475	1.9	0	0.0	0	0.0	0	0.0	25,465	100.0

Appendix B.3. Age and sex of chinook salmon from the District 4 commercial fishery.[ab] (page 14 of 14)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
2005[d]	6/14	186	M	0	0.0	0	0.0	1,273	21.5	0	0.0	2,356	39.8	0	0.0	1,019	17.2	0	0.0	32	0.6	0	0.0	0	0.0	0	0.0	4,679	79.0
	(6/14,16)		F	0	0.0	0	0.0	0	0.0	0	0.0	509	8.6	0	0.0	700	11.8	0	0.0	32	0.5	0	0.0	0	0.0	0	0.0	1,241	21.0
			Subtotal	0	0.0	0	0.0	1,273	21.5	0	0.0	2,865	48.4	0	0.0	1,719	29.0	0	0.0	64	1.1	0	0.0	0	0.0	0	0.0	5,920	100.0
	6/21	176	M	0	0.0	55	0.6	2,529	26.1	0	0.0	3,738	38.7	0	0.0	1,264	13.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7,587	78.4
	(6/21,23)		F	0	0.0	0	0.0	0	0.0	0	0.0	990	10.2	0	0.0	1,045	10.8	0	0.0	55	0.6	0	0.0	0	0.0	0	0.0	2,089	21.6
			Subtotal	0	0.0	55	0.6	2,529	26.1	0	0.0	4,728	48.9	0	0.0	2,309	23.9	0	0.0	55	0.6	0	0.0	0	0.0	0	0.0	9,676	100.0
	6/28	178	M	0	0.0	25	0.6	984	22.5	0	0.0	1,649	37.6	0	0.0	566	12.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3,224	73.6
	(6/28,30)		F	0	0.0	0	0.0	0	0.0	0	0.0	640	14.6	0	0.0	492	11.3	0	0.0	25	0.6	0	0.0	0	0.0	0	0.0	1,157	26.4
			Subtotal	0	0.0	25	0.6	984	22.5	0	0.0	2,289	52.2	0	0.0	1,058	24.2	0	0.0	25	0.6	0	0.0	0	0.0	0	0.0	4,381	100.0
	7/5	195	M	0	0.0	23	1.0	353	15.9	0	0.0	730	32.8	11	0.5	319	14.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,436	64.6
	(7/5,7)		F	0	0.0	0	0.0	0	0.0	0	0.0	353	15.9	0	0.0	433	19.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	787	35.4
			Subtotal	0	0.0	23	1.0	353	15.9	0	0.0	1,083	48.7	11	0.5	752	33.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,223	100.0
	7/12	131	M	0	0.0	15	0.8	168	8.4	0	0.0	594	29.8	0	0.0	243	12.2	0	0.0	15	0.8	0	0.0	0	0.0	0	0.0	1,036	51.9
	(7/12,14,19,8/1,		F	0	0.0	0	0.0	30	1.5	0	0.0	396	19.8	0	0.0	518	26.0	0	0.0	15	0.7	0	0.0	0	0.0	0	0.0	959	48.1
	3,5,8,10,12,15)		Subtotal	0	0.0	15	0.8	198	9.9	0	0.0	990	49.6	0	0.0	761	38.2	0	0.0	30	1.5	0	0.0	0	0.0	0	0.0	1,995	100.0
	Season	866	M	0	0.0	118	0.5	5,308	22.0	0	0.0	9,066	37.5	11	0.0	3,412	14.1	0	0.0	47	0.2	0	0.0	0	0.0	0	0.0	17,962	74.2
			F	0	0.0	0	0.0	30	0.1	0	0.0	2,888	11.9	0	0.0	3,188	13.2	0	0.0	127	0.5	0	0.0	0	0.0	0	0.0	6,233	25.8
			Total	0	0.0	118	0.5	5,338	22.1	0	0.0	11,954	49.4	11	0.0	6,600	27.3	0	0.0	174	0.7	0	0.0	0	0.0	0	0.0	24,195	100.0
2006[d]	6/15	192	M	0	0.0	31	1.0	750	25.5	0	0.0	1,072	36.5	0	0.0	413	14.1	0	0.0	46	1.6	0	0.0	0	0.0	0	0.0	2,312	78.6
	(6/15)		F	0	0.0	0	0.0	0	0.0	0	0.0	92	3.1	0	0.0	521	17.7	0	0.0	15	0.5	0	0.0	0	0.0	0	0.0	628	21.4
			Subtotal	0	0.0	31	1.0	750	25.5	0	0.0	1,164	39.6	0	0.0	934	31.8	0	0.0	61	2.1	0	0.0	0	0.0	0	0.0	2,940	100.0
	6/22	164	M	0	0.0	0	0.0	3,097	37.8	0	0.0	2,198	26.8	50	0.6	1,049	12.8	0	0.0	100	1.2	0	0.0	0	0.0	0	0.0	6,494	79.3
	(6/20-22)		F	0	0.0	0	0.0	0	0.0	0	0.0	450	5.5	0	0.0	1,099	13.4	0	0.0	150	1.8	0	0.0	0	0.0	0	0.0	1,699	20.7
			Subtotal	0	0.0	0	0.0	3,097	37.8	0	0.0	2,648	32.3	50	0.6	2,148	26.2	0	0.0	250	3.0	0	0.0	0	0.0	0	0.0	8,193	100.0
	6/30	147	M	0	0.0	0	0.0	929	29.3	0	0.0	627	19.8	0	0.0	454	14.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2,010	63.3
	(6/27-30)		F	0	0.0	0	0.0	65	2.0	0	0.0	194	6.1	0	0.0	864	27.2	0	0.0	43	1.4	0	0.0	0	0.0	0	0.0	1,167	36.7
			Subtotal	0	0.0	0	0.0	994	31.3	0	0.0	821	25.9	0	0.0	1,318	41.5	0	0.0	43	1.4	0	0.0	0	0.0	0	0.0	3,177	100.0
	7/5	155	M	0	0.0	0	0.0	1,415	29.0	0	0.0	912	18.7	0	0.0	817	16.8	0	0.0	63	1.3	0	0.0	0	0.0	0	0.0	3,207	65.8
	(7/3,5,7,10,17,19,21,24,		F	0	0.0	0	0.0	63	1.3	0	0.0	377	7.8	0	0.0	1,195	24.5	0	0.0	31	0.6	0	0.0	0	0.0	0	0.0	1,667	34.2
	26,31,8/2,4,7,9,11,14,16,		Subtotal	0	0.0	0	0.0	1,478	30.3	0	0.0	1,289	26.5	0	0.0	2,012	41.3	0	0.0	94	1.9	0	0.0	0	0.0	0	0.0	4,874	100.0
	18,21,23,25,28,30,9/1)																												
	Season	658	M	0	0.0	31	0.2	6,192	32.3	0	0.0	4,809	25.1	50	0.3	2,734	14.2	0	0.0	209	1.1	0	0.0	0	0.0	0	0.0	14,024	73.1
			F	0	0.0	0	0.0	128	0.6	0	0.0	1,113	5.8	0	0.0	3,679	19.2	0	0.0	240	1.2	0	0.0	0	0.0	0	0.0	5,160	26.9
			Total	0	0.0	31	0.2	6,320	32.9	0	0.0	5,922	30.9	50	0.3	6,413	33.4	0	0.0	449	2.3	0	0.0	0	0.0	0	0.0	19,184	100.0
	Grand	15,489	M	0	0.0	4,665	0.7	145,031	21.9	21	0.0	147,520	22.3	176	0.0	122,542	18.5	482	0.1	10,818	1.6	477	0.1	227	0.0	7	0.0	431,969	65.3
	Total[e]		F	0	0.0	524	0.1	19,234	2.9	0	0.0	38,333	5.8	19	0.0	153,205	23.2	296	0.0	17,493	2.6	147	0.0	122	0.0	40	0.0	229,413	34.7
			Total	0	0.0	5,189	0.8	164,265	24.8	21	0.0	185,853	28.1	195	0.0	275,747	41.7	778	0.1	28,311	4.3	624	0.1	249	0.0	47	0.0	661,382	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 fo 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] The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums. 1996 is not included.

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 1 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1969	6/24 (6/23,24)	M	Mean Length		351	565		738		921			1002		
			Std. Error		-	12		19		42			-		
			Range		351- 351	528- 609		678- 874		835-1017			1002-1002		
			Sample Size	0	1	8	0	9	0	4	0	0	1	0	0
		F	Mean Length					802		865		906			
			Std. Error					12		8		6			
			Range					790- 813		785- 925		900- 912			
			Sample Size	0	0	0	0	2	0	21	0	2	0	0	0
	7/1 (6/30,7/1)	M	Mean Length			579		675		879		971	994		
			Std. Error			6		21		36		44	-		
			Range			490- 671		533- 795		757-1034		840-1033	994- 994		
			Sample Size	0	0	71	0	11	0	7	0	4	1	0	0
		F	Mean Length			629		695		874		993			
			Std. Error			36		146		20		-			
			Range			593- 665		549- 841		810- 964		993- 993			
			Sample Size	0	0	2	0	2	0	8	0	2	0	0	0
	7/3,10 (7/3,4,7,8,10,11, 12,14,15,17,19, 22,24-26,29,8/7 8,12,15,19-21,26)	M	Mean Length		319	582		762		840		1005			
			Std. Error		-	10		32		41		16			
			Range		319- 319	520- 639		600- 843		702- 910		960-1035			
			Sample Size	0	1	17	0	7	0	5	0	4	0	0	0
		F	Mean Length			630		643		825		909			
			Std. Error			-		-		24		36			
			Range			630- 630		643- 643		685- 964		873- 945			
			Sample Size	0	0	1	0	1	0	10	0	2	0	0	0
	Season	M	Mean Length		340	576		737		889		998	1001		
			Range		319- 351	490- 671		533- 874		702-1034		840-1035	994-1002		
			Sample Size	0	2	96	0	27	0	16	0	8	2	0	0
		F	Mean Length			630		762		858		914			
			Range			593- 665		549- 841		685- 964		873- 993			
			Sample Size	0	0	3	0	5	0	39	0	6	0	0	0
1970	6/23,26 (5/18,6/8,22,23,26)	M	Mean Length			553		687		798	587	909	736		
			Std. Error			32		20		24	-	21	-		
			Range			345- 755		500- 858		515- 962	587- 587	852- 971	736- 736		
			Sample Size	0	0	12	0	26	0	18	1	5	1	0	0
		F	Mean Length			767		863		865	841	913	892		
			Std. Error			-		27		10	53	20	-		
			Range			767- 767		793- 951		758- 944	788- 893	843- 980	892- 892		
			Sample Size	0	0	1	0	5	0	23	2	7	1	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 2 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/30,7/3 (7/2,3,4)	M	Mean Length			565		692		733	630	865			
			Std. Error			11		22		35	-	-			
			Range			459- 794		490- 881		521-1025	630- 630	865- 865			
			Sample Size	0	0	30	0	35	0	18	1	1	0	0	0
		F	Mean Length					868		890		978			
			Std. Error					29		27		-			
			Range					752- 980		790- 996		978- 978			
			Sample Size	0	0	0	0	8	0	8	0	1	0	0	0
	7/6 (7/6,7,13,14,17,27, 30,31,8/1,3-8,10-15, 17,18,20-22,24-29, 9/1,2)	M	Mean Length			552		657	631	816	650				
			Std. Error			10		31	-	20	130				
			Range			482- 598		515- 850	631- 631	730- 940	520- 780				
			Sample Size	0	0	15	0	14	1	10	2	0	0	0	0
		F	Mean Length					812		856		863			
			Std. Error					15		17		-			
			Range					778- 871		821- 931		863- 863			
			Sample Size	0	0	0	0	6	0	6	0	1	0	0	0
	Season	M	Mean Length			559		685	631	781	618	905	736		
			Range			345- 794		490- 881	631- 631	515-1025	520- 780	852- 971	736- 736		
			Sample Size	0	0	57	0	75	1	46	4	6	1	0	0
		F	Mean Length			767		854		868	841	915	892		
			Range			767- 767		752- 980		758- 996	788- 893	843- 980	892- 892		
			Sample Size	0	0	1	0	19	0	37	2	9	1	0	0
1971	Season	M	Mean Length												
			Range												
			Sample Size		No Data & Samples										
		F	Mean Length												
			Range												
			Sample Size												
1972	Season	M	Mean Length												
			Range												
			Sample Size		No Data & Samples										
		F	Mean Length												
			Range												
			Sample Size												

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 3 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1973	6/22 (6/19,21,22)	M	Mean Length			497		676		905		968			
			Std. Error			31		4		26		115			
			Range			450- 556		672- 679		748-1038		853-1082			
			Sample Size	0	0	3	0	2	0	13	0	2	0	0	0
		F	Mean Length							885		917			
			Std. Error							9		17			
			Range							762- 966		849- 977			
			Sample Size	0	0	0	0	0	0	28	0	7	0	0	0
	6/26,29 (6/25,26,28,29,7/2)	M	Mean Length			520		689		883		892			
			Std. Error			26		18		15		43			
			Range			456- 593		601- 848		719-1033		808- 947			
			Sample Size	0	0	5	0	18	0	30	0	3	0	0	0
		F	Mean Length					640		884		939			
			Std. Error					-		9		12			
			Range					640- 640		794- 997		897- 995			
			Sample Size	0	0	0	0	1	0	39	0	9	0	0	0
	7/3 (7/3,5,6,9,10-20,23, 28,30,31,8/1,2,3,6, 8,10,13,15,17,22,31)	M	Mean Length			488		677		905		855			
			Std. Error			19		51		20		-			
			Range			437- 533		626- 728		760-1003		855- 855			
			Sample Size	0	0	5	0	2	0	14	0	1	0	0	0
		F	Mean Length							897		922			
			Std. Error							9		31			
			Range							804-1005		863- 994			
			Sample Size	0	0	0	0	0	0	27	0	4	0	0	0
	Season	M	Mean Length			503		687		893		910			
			Range			437- 593		601- 848		719-1038		808-1082			
			Sample Size	0	0	13	0	22	0	57	0	6	0	0	0
		F	Mean Length					640		888		928			
			Range					640- 640		762-1005		849- 995			
			Sample Size	0	0	0	0	1	0	94	0	20	0	0	0
1974[b]	6/24 (6/24,25)	M	Mean Length		461	532		691		928		981			
			Std. Error		-	7		25		39		21			
			Range		461- 461	475- 600		615- 830		720-1165		762-1061			
			Sample Size	0	1	25	0	9	0	11	0	14	0	0	0
		F	Mean Length			572		790		887		988			
			Std. Error			-		-		8		15			
			Range			572- 572		790- 790		842- 948		920-1111			
			Sample Size	0	0	1	0	1	0	13	0	13	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 4 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/27 (6/27,28)	M	Mean Length		492	598		620		676		1020			
			Std. Error		-	40		25		158		13			
			Range		492- 492	522- 915		560- 695		456- 982		1007-1032			
			Sample Size	0	1	9	0	5	0	3	0	2	0	0	0
		F	Mean Length			570				842		944			
			Std. Error			24				-		22			
			Range			546- 594				842- 842		878-1009			
			Sample Size	0	0	2	0	0	0	1	0	6	0	0	0
	7/1,4,26,30,8/1-5 (7/12,4,5,8,9,11,13, 14,15,17,18,19,20, 23,25,27,29,30,8/1,2 5,7,9,12,16,19,26,28)	M	Mean Length			530		682		840		974			
			Std. Error			13		36		21		53			
			Range			455- 570		590- 788		800- 872		857-1075			
			Sample Size	0	0	9	0	5	0	3	0	4	0	0	0
		F	Mean Length							897		949			
			Std. Error							22		10			
			Range							817- 964		915- 973			
			Sample Size	0	0	0	0	0	0	7	0	5	0	0	0
	Season	M	Mean Length		479	548		667		857		984			
			Range		461- 492	455- 915		560- 830		456-1165		762-1075			
			Sample Size	0	2	43	0	19	0	17	0	20	0	0	0
		F	Mean Length			571		790		888		966			
			Range			546- 594		790- 790		817- 964		878-1111			
			Sample Size	0	0	3	0	1	0	21	0	24	0	0	0
1975[b]	7/4 (7/1,4)	M	Mean Length			545		683		836		985			
			Std. Error			10		15		16		-			
			Range			470- 685		575- 835		810- 865		985- 985			
			Sample Size	0	0	25	0	22	0	3	0	1	0	0	0
		F	Mean Length					725		871		933			
			Std. Error					17		9		8			
			Range					595- 805		840- 915		925- 940			
			Sample Size	0	0	0	0	14	0	9	0	2	0	0	0
	7/8,11 (7/8,11)	M	Mean Length		375	528		675		887					
			Std. Error		5	11		15		31					
			Range		370- 385	450- 640		555- 790		770- 945					
			Sample Size	0	3	24	0	22	0	5	0	0	0	0	0
		F	Mean Length					705		923		932			
			Std. Error					14		15		6			
			Range					660- 780		885- 985		920- 940			
			Sample Size	0	0	0	0	8	0	6	0	3	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 5 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/15,17.31 (7/15,17,19,22,24, 26,29,31,8/2,4,6, 8,11,13,15,20)	M	Mean Length			541		670		883		825			
			Std. Error			13		27		26		105			
			Range			460- 640		405- 915		780- 920		720- 930			
			Sample Size	0	0	17	0	17	0	5	0	2	0	0	0
		F	Mean Length					836		885		880			
			Std. Error					40		34		-			
			Range					715- 960		815- 975		880- 880			
			Sample Size	0	0	0	0	5	0	4	0	1	0	0	0
	Season	M	Mean Length		375	539		676		873		871			
			Range		370- 385	450- 685		405- 915		770- 945		720- 985			
			Sample Size	0	3	66	0	61	0	13	0	3	0	0	0
		F	Mean Length					748		887		920			
			Range					595- 960		815- 985		880- 940			
			Sample Size	0	0	0	0	27	0	19	0	6	0	0	0
1976	6/22,25 (6/22,25)	M	Mean Length			560		707		710					
			Std. Error			18		25		63					
			Range			438-1018		500- 971		520- 953					
			Sample Size	0	0	40	0	27	0	6	0	0	0	0	0
		F	Mean Length			863		796		887		1001			
			Std. Error			25		37		12		-			
			Range			829- 912		676- 961		825- 964		1001-1001			
			Sample Size	0	0	3	0	7	0	16	0	1	0	0	0
	6/29,7/2 (6/28,29,7/2)	M	Mean Length			527		675		841					
			Std. Error			5		12		44					
			Range			452- 669		513- 812		764- 915					
			Sample Size	0	0	55	0	32	0	3	0	0	0	0	0
		F	Mean Length			589		748		834					
			Std. Error			19		32		47					
			Range			540- 635		573- 887		529- 967					
			Sample Size	0	0	4	0	10	0	8	0	0	0	0	0
	7/6,12,22,24 (7/6,9,12,13,15,16,20, 22,24,27,29,31,8/3,5,7, 9,11,13,16,18,20,23,27)	M	Mean Length			536		774		938					
			Std. Error			6		23		13					
			Range			418- 741		620- 943		878- 984					
			Sample Size	0	0	82	0	19	0	7	0	0	0	0	0
		F	Mean Length			723		828		872		980			
			Std. Error			-		26		9		-			
			Range			723- 723		679- 959		809- 942		980- 980			
			Sample Size	0	0	1	0	12	0	15	0	1	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 6 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length			544		706		783					
			Range			418-1018		500- 971		520- 984					
			Sample Size	0	0	177	0	78	0	16	0	0	0	0	0
		F	Mean Length			759		791		877		996			
			Range			540- 912		573- 961		529- 967		980-1001			
			Sample Size	0	0	8	0	29	0	39	0	2	0	0	0
1977	6/17,21,24 (6/16,17,20,21, 23,24)	M	Mean Length			523		738		890		950			
			Std. Error			23		11		11		-			
			Range			474- 582		579- 944		755-1043		950- 950			
			Sample Size	0	0	4	0	45	0	46	0	1	0	0	0
		F	Mean Length					768		899		959			
			Std. Error					16		7		29			
			Range					639- 879		782-1019		877-1031			
			Sample Size	0	0	0	0	24	0	65	0	5	0	0	0
	6/28,7/5,8 (6/27,28,7/11,12,15)	M	Mean Length			515		726		871					
			Std. Error			31		13		13					
			Range			450- 571		543- 888		694-1024					
			Sample Size	0	0	4	0	42	0	33	0	0	0	0	0
		F	Mean Length					773		872					
			Std. Error					13		7					
			Range					614- 859		749- 996					
			Sample Size	0	0	0	0	24	0	50	0	0	0	0	0
	7/12,15,19,22,26 (7/18,19,21,22,25, 26,28,29,8/1,4,8,11,15, 17,19,22,24,26,29)	M	Mean Length			515		746		908					
			Std. Error			27		16		16					
			Range			414- 639		483- 954		760-1054					
			Sample Size	0	0	8	0	44	0	19	0	0	0	0	0
		F	Mean Length			889		802		877					
			Std. Error			-		14		9					
			Range			889- 889		679- 875		570- 976					
			Sample Size	0	0	1	0	17	0	48	0	0	0	0	0
	Season	M	Mean Length			519		734		885		950			
			Range			414- 639		483- 954		694-1054		950- 950			
			Sample Size	0	0	16	0	131	0	98	0	1	0	0	0
		F	Mean Length			889		771		889		959			
			Range			889- 889		614- 879		570-1019		877-1031			
			Sample Size	0	0	1	0	65	0	163	0	5	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 7 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1978	6/19,27,7/8 (6/12,15,19,20,23, 27,30,7/1,3,4-8)	M	Mean Length					525		898		975		740	
			Std. Error					-		11		-		-	
			Range					525- 525		710-1030		975- 975		740- 740	
			Sample Size	0	0	0	0	1	0	48	0	1	0	1	0
		F	Mean Length					690		906		903			
			Std. Error					-		7		23			
			Range					690- 690		820-1050		860- 940			
			Sample Size	0	0	0	0	1	0	49	0	3	0	0	0
	7/11,13,15 (7/10-15)	M	Mean Length					737		938					
			Std. Error					51		12					
			Range					630- 910		830-1080					
			Sample Size	0	0	0	0	5	0	24	0	0	0	0	0
		F	Mean Length							902		936			
			Std. Error							9		24			
			Range							660- 990		870-1005			
			Sample Size	0	0	0	0	0	0	48	0	6	0	0	0
	7/21,24,25 (7/17,18,21,22,24,25, 27,28,8/2,4,7,9,11, 14,16,18,23,25,28,30)	M	Mean Length					621		876		950			
			Std. Error					29		27		-			
			Range					510- 700		700-1030		950- 950			
			Sample Size	0	0	0	0	6	0	14	0	1	0	0	0
		F	Mean Length							909		888			
			Std. Error							16		13			
			Range							720-1080		875- 900			
			Sample Size	0	0	0	0	0	0	24	0	2	0	0	0
	Season	M	Mean Length					610		899		971		740	
			Range					510- 910		700-1080		950- 975		740- 740	
			Sample Size	0	0	0	0	12	0	86	0	2	0	1	0
		F	Mean Length					690		906		907			
			Range					690- 690		660-1080		860-1005			
			Sample Size	0	0	0	0	1	0	121	0	11	0	0	0
1979	Season	M	Mean Length												
			Range												
			Sample Size		Need Commercial Catch Numbers										
		F	Mean Length												
			Range												
			Sample Size												

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 8 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1980	6/12,16,17 (6/12,16,17)	M	Mean Length		375	592		766		850		1062	805		
			Std. Error		-	15		27		24		52	-		
			Range		375- 375	480- 830		665- 899		600- 945		960-1130	805- 805		
			Sample Size	0	1	26	0	7	0	13	0	3	1	0	0
		F	Mean Length		483	596		730	535	842	740	780			
			Std. Error		43	20		30	-	18	50	170			
			Range		440- 525	520- 800		575- 860	535- 535	720- 990	690- 790	602- 980			
			Sample Size	0	2	14	0	11	1	13	2	5	0	0	0
	6/23,26 (6/23,24,26,27)	M	Mean Length		412	565		715		858	775	970			
			Std. Error		5	15		14		33	-	-			
			Range		405- 425	475- 850		545- 856		774- 927	775- 775	970- 970			
			Sample Size	0	5	25	0	22	0	5	1	1	0	0	0
		F	Mean Length			553		770		885		985			
			Std. Error			7		13		12		-			
			Range			520- 590		550- 915		820- 921		985- 985			
			Sample Size	0	0	11	0	27	0	10	0	1	0	0	0
	7/2,4 (6/30,7/1,2,4,5)	M	Mean Length		385	565		747		887					
			Std. Error		50	14		17		21					
			Range		335- 435	478- 645		540- 886		815-1001					
			Sample Size	0	2	13	0	22	0	8	0	0	0	0	0
		F	Mean Length			579		751		864		907			
			Std. Error			12		11		31		25			
			Range			530- 595		690- 830		576- 992		860- 942			
			Sample Size	0	0	5	0	15	0	12	0	3	0	0	0
	7/7,9,11 (7/7,8,9,10,11,12)	M	Mean Length		384	554		752		900					
			Std. Error		9	9		13		16					
			Range		350- 420	476- 665		540- 922		837- 968					
			Sample Size	0	7	25	0	40	0	8	0	0	0	0	0
		F	Mean Length			550		770		883	890	985			
			Std. Error			10		15		24	-	-			
			Range			540- 560		540- 857		566- 968	890- 890	985- 985			
			Sample Size	0	0	2	0	20	0	15	1	1	0	0	0
	7/14,16,28 (7/14,15,16,17,19,23, 24,25,26,28,30,8/4,6, 8,11,13,15,18,20, 22,25,27,29,9/5)	M	Mean Length		398	508		712		888		840			
			Std. Error		11	14		19		32		-			
			Range		328- 447	336- 595		517- 800		804- 956		840- 840			
			Sample Size	0	12	22	0	19	0	4	0	1	0	0	0
		F	Mean Length			660		799		864		945			
			Std. Error			-		18		17		58			
			Range			660- 660		551- 886		761- 943		887-1003			
			Sample Size	0	0	1	0	18	0	10	0	2	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 9 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		398	564		736		871	775	1010	805		
			Range		328- 447	336- 850		517- 922		600-1001	775- 775	840-1130	805- 805		
			Sample Size	0	27	111	0	110	0	38	1	5	1	0	0
		F	Mean Length		483	574		763	535	867	771	877			
			Range		440- 525	520- 800		540- 915	535- 535	566- 992	690- 890	602-1003			
			Sample Size	0	2	33	0	91	1	60	3	12	0	0	0
1981	6/16,19 (6/16,19)	M	Mean Length			590		712		868					
			Std. Error			11		17		38					
			Range			506- 655		536- 815		696-1004					
			Sample Size	0	0	13	0	20	0	7	0	0	0	0	0
		F	Mean Length			567		709		849		924			
			Std. Error			8		24		31		6			
			Range			446- 659		531- 887		637- 978		917- 936			
			Sample Size	0	0	39	0	15	0	11	0	3	0	0	0
	6/22,25 (6/22,25)	M	Mean Length			589		729		838					
			Std. Error			13		18		19					
			Range			499- 767		597- 817		740- 912					
			Sample Size	0	0	22	0	14	0	9	0	0	0	0	0
		F	Mean Length			561		694		891		975			
			Std. Error			9		42		16		19			
			Range			449- 689		578- 814		800- 947		956- 994			
			Sample Size	0	0	39	0	5	0	10	0	2	0	0	0
	7/2,6,9 (7/2,6,9)	M	Mean Length			594		685		869					
			Std. Error			10		21		11					
			Range			446- 706		559- 816		811- 931					
			Sample Size	0	0	44	0	11	0	12	0	0	0	0	0
		F	Mean Length			588		702		890		906			
			Std. Error			6		31		9		-			
			Range			477- 691		549- 882		760- 976		906- 906			
			Sample Size	0	0	43	0	12	0	33	0	1	0	0	0
	7/13,15,17 (7/13,15,17)	M	Mean Length		377	584		676		852					
			Std. Error		22	9		18		11					
			Range		355- 399	420- 683		465- 836		825- 880					
			Sample Size	0	2	45	0	19	0	4	0	0	0	0	0
		F	Mean Length			579		709		869		933			
			Std. Error			6		22		11		-			
			Range			490- 646		608- 829		769-1022		933- 933			
			Sample Size	0	0	35	0	12	0	23	0	1	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 10 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/20,22,24,29	M	Mean Length			573		683		918					
	(7/20,22,24,29,8/1,3,		Std. Error			12		13		27					
	5,7,10,12,14,17,19,		Range			414- 694		622- 752		819- 972					
	21,24,26,28,31,9/2,4)		Sample Size	0	0	34	0	14	0	5	0	0	0	0	0
		F	Mean Length			577		784		913					
			Std. Error			7		26		12					
			Range			484- 651		688- 838		839- 963					
			Sample Size	0	0	39	0	5	0	9	0	0	0	0	0
	Season	M	Mean Length		377	588		711		857					
			Range		355- 399	414- 767		465- 836		696-1004					
			Sample Size	0	2	158	0	78	0	37	0	0	0	0	0
		F	Mean Length			569		708		875		940			
			Range			446- 691		531- 887		637-1022		906- 994			
			Sample Size	0	0	195	0	49	0	86	0	7	0	0	0
1982	Season	M	Mean Length												
			Range												
			Sample Size		Need Commercial Catch Numbers										
		F	Mean Length												
			Range												
			Sample Size												
1983	6/13	M	Mean Length			545		697		898		991			
	(6/13)		Std. Error			10		29		11		17			
			Range			459- 622		632- 855		676-1039		946-1031			
			Sample Size	0	0	18	0	7	0	42	0	5	0	0	0
		F	Mean Length							877		839			
			Std. Error							7		27			
			Range							792-1005		804- 893			
			Sample Size	0	0	0	0	0	0	40	0	3	0	0	0
	6/16	M	Mean Length		471	553		750		865		958			
	(6/16)		Std. Error		41	5		21		10		41			
			Range		430- 511	449- 742		645- 890		547-1100		846-1043			
			Sample Size	0	2	81	0	14	0	83	0	4	0	0	0
		F	Mean Length					815		874		937			
			Std. Error					25		4		12			
			Range					790- 839		770-1010		925- 949			
			Sample Size	0	0	0	0	2	0	108	0	2	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 11 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/24 (6/24)	M	Mean Length		560	550		661		862		815			
			Std. Error		-	7		75		16		-			
			Range		560- 560	475- 610		520- 855		597-1004		815- 815			
			Sample Size	0	1	31	0	4	0	31	0	1	0	0	0
		F	Mean Length			624		705		889		928			
			Std. Error			-		65		7		8			
			Range			624- 624		640- 770		806- 995		920- 935			
			Sample Size	0	0	1	0	2	0	50	0	2	0	0	0
	6/27 (6/27)	M	Mean Length			548		714		888					
			Std. Error			7		29		15					
			Range			458- 632		581- 834		620-1015					
			Sample Size	0	0	36	0	10	0	31	0	0	0	0	0
		F	Mean Length							872					
			Std. Error							7					
			Range							800- 950					
			Sample Size	0	0	0	0	0	0	37	0	0	0	0	0
	7/7,11,14 (7/4,7,11,14,18,22 27,29,8/1,3,5,10, 12,15,17,19,22,25, 29,9/1,5)	M	Mean Length			561		659		851					
			Std. Error			8		33		20					
			Range			443- 674		515- 879		680-1005					
			Sample Size	0	0	32	0	10	0	21	0	0	0	0	0
		F	Mean Length					824		874					
			Std. Error					48		6					
			Range					776- 872		771- 939					
			Sample Size	0	0	0	0	2	0	45	0	0	0	0	0
	Season	M	Mean Length		528	552		693		875		933			
			Range		430- 560	443- 742		515- 890		547-1100		815-1043			
			Sample Size	0	3	198	0	45	0	208	0	10	0	0	0
		F	Mean Length			624		769		878		888			
			Range			624- 624		640- 872		770-1010		804- 949			
			Sample Size	0	0	1	0	6	0	280	0	7	0	0	0
1984	6/18,21 (6/18,19,21)	M	Mean Length			534		666		815		944			
			Std. Error			9		5		14		24			
			Range			420- 654		504- 846		676- 995		873-1060			
			Sample Size	0	0	30	0	148	0	33	0	7	0	0	0
		F	Mean Length					655		862		928			
			Std. Error					-		11		21			
			Range					655- 655		784- 984		900- 988			
			Sample Size	0	0	0	0	1	0	26	0	4	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 12 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/26 (6/22,25,26)	M	Mean Length			532		689		871		930			
			Std. Error			22		9		22		28			
			Range			385- 620		510- 860		765-1000		785-1035			
			Sample Size	0	0	11	0	69	0	15	0	8	0	0	0
		F	Mean Length					849		867		955			
			Std. Error					13		14		12			
			Range					810- 865		755- 915		865-1040			
			Sample Size	0	0	0	0	4	0	11	0	14	0	0	0
	7/2,5 (7/2,3,5)	M	Mean Length			518		667		820		894			
			Std. Error			19		11		17		22			
			Range			400- 585		495- 860		695- 990		865- 960			
			Sample Size	0	0	10	0	53	0	18	0	4	0	0	0
		F	Mean Length					807		854		915			
			Std. Error					29		18		24			
			Range					775- 865		775- 980		830-1000			
			Sample Size	0	0	0	0	3	0	10	0	6	0	0	0
	7/9,11,13 (7/9,11,13,16,18,20, 23,25,27,30,8/1,3,6, 8,10,13,15,17,20, 22,24,27,29,9/3,5)	M	Mean Length			505		639		858		922			
			Std. Error			14		11		14		24			
			Range			406- 634		502- 770		715- 939		852- 955			
			Sample Size	0	0	19	0	37	0	20	0	4	0	0	0
		F	Mean Length					811		864		935			
			Std. Error					-		14		23			
			Range					811- 811		802- 951		862- 999			
			Sample Size	0	0	0	0	1	0	12	0	5	0	0	0
	Season	M	Mean Length			525		665		831		932			
			Range			385- 654		495- 860		676-1000		785-1060			
			Sample Size	0	0	70	0	307	0	86	0	23	0	0	0
		F	Mean Length					786		862		937			
			Range					655- 865		755- 984		830-1040			
			Sample Size	0	0	0	0	9	0	59	0	29	0	0	0
1985	6/20 (6/20)	M	Mean Length			556		710		884		960			
			Std. Error			9		7		11		-			
			Range			475- 665		615- 825		675-1055		960- 960			
			Sample Size	0	0	28	0	53	0	43	0	1	0	0	0
		F	Mean Length					799		876		905			
			Std. Error					16		6		-			
			Range					775- 845		800-1000		905- 905			
			Sample Size	0	0	0	0	4	0	53	0	1	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 13 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/24	M	Mean Length			561		718		861		1013			
	(6/24,27)		Std. Error			10		9		12		55			
			Range			475- 645		610- 815		740-1045		925-1113			
			Sample Size	0	0	20	0	32	0	33	0	3	0	0	0
		F	Mean Length					771		868		920			
			Std. Error					29		8		65			
			Range					715- 812		770- 990		855- 985			
			Sample Size	0	0	0	0	3	0	44	0	2	0	0	0
	7/1	M	Mean Length			537		715		854		987			
	(7/1,4)		Std. Error			6		9		8		24			
			Range			425- 675		635- 815		710- 970		895-1030			
			Sample Size	0	0	51	0	30	0	64	0	5	0	0	0
		F	Mean Length					804		881		930			
			Std. Error					13		6		-			
			Range					765- 820		795- 955		930- 930			
			Sample Size	0	0	0	0	4	0	55	0	1	0	0	0
	7/8	M	Mean Length			543		728		894					
	(7/8,11,15,8/1,5,		Std. Error			14		26		22					
	12,14,16,19,21,23,		Range			460- 610		650- 760		770-1030					
	26,28,30,9/2,4,6)		Sample Size	0	0	10	0	4	0	12	0	0	0	0	0
		F	Mean Length					850		861					
			Std. Error					12		14					
			Range					830- 870		805- 915					
			Sample Size	0	0	0	0	3	0	9	0	0	0	0	0
	Season	M	Mean Length			548		716		870		998			
			Range			425- 675		610- 825		675-1055		895-1113			
			Sample Size	0	0	109	0	119	0	152	0	9	0	0	0
		F	Mean Length					816		872		919			
			Range					715- 870		770-1000		855- 985			
			Sample Size	0	0	0	0	14	0	161	0	4	0	0	0
1986	6/19	M	Mean Length			539		686		856		951			
	(6/19)		Std. Error			11		10		14		12			
			Range			495- 590		515- 830		735- 970		905-1025			
			Sample Size	0	0	7	0	52	0	23	0	10	0	0	0
		F	Mean Length					830		865		918			
			Std. Error					-		15		16			
			Range					830- 830		800- 955		820- 970			
			Sample Size	0	0	0	0	1	0	14	0	9	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 14 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/23,26	M	Mean Length		454	528		704		852		897			
	(6/23,26)		Std. Error		16	13		8		13		60			
			Range		370- 500	420- 630		520- 970		720-1005		550-1025			
			Sample Size	0	7	13	0	87	0	36	0	7	0	0	0
		F	Mean Length					828		869		916			
			Std. Error					12		7		8			
			Range					795- 900		760- 980		840- 975			
			Sample Size	0	0	0	0	8	0	49	0	17	0	0	0
	6/30,7/3	M	Mean Length		495	546		696		866		938			
	(6/30,7/3,7,10,14,17,		Std. Error		-	14		8		15		18			
	8/6,8,11,13,15,18,20,		Range		495- 495	490- 600		500- 860		780-1035		880-1010			
	22,25,27,29,9/1,3)		Sample Size	0	1	9	0	76	0	20	0	6	0	0	0
		F	Mean Length					805		855		907			
			Std. Error					15		6		16			
			Range					790- 820		785- 920		810- 990			
			Sample Size	0	0	0	0	2	0	36	0	11	0	0	0
	Season	M	Mean Length		467	538		696		858		934			
			Range		370- 500	420- 630		500- 970		720-1035		550-1025			
			Sample Size	0	8	29	0	215	0	79	0	23	0	0	0
		F	Mean Length					823		862		913			
			Range					790- 900		760- 980		810- 990			
			Sample Size	0	0	0	0	11	0	99	0	37	0	0	0
1987	6/18	M	Mean Length			537		720		841					
	(6/18)		Std. Error			8		9		8					
			Range			425- 735		595- 835		705- 965					
			Sample Size	0	0	51	0	39	0	68	0	0	0	0	0
		F	Mean Length							857		940			
			Std. Error							7		5			
			Range							730- 990		935- 950			
			Sample Size	0	0	0	0	0	0	47	0	3	0	0	0
	6/22	M	Mean Length		360	526		716		835		933			
	(6/22)		Std. Error		15	7		12		7		25			
			Range		345- 375	430- 620		595- 800		695- 975		860- 985			
			Sample Size	0	2	45	0	27	0	68	0	5	0	0	0
		F	Mean Length							879		895			
			Std. Error							9		-			
			Range							815- 985		895- 895			
			Sample Size	0	0	0	0	0	0	24	0	1	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 15 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/25	M	Mean Length			514		716		835		833			
	(6/25,30,7/3,8/3,6,		Std. Error			6		16		8		13			
	10,13,17,19,21,24,		Range			400- 620		570- 880		730-1010		820- 845			
	26,28,31,9/2,4)		Sample Size	0	0	44	0	27	0	55	0	2	0	0	0
		F	Mean Length							875		945			
			Std. Error							15		-			
			Range							795- 990		945- 945			
			Sample Size	0	0	0	0	0	0	15	0	1	0	0	0
	Season	M	Mean Length		360	525		717		837		907			
			Range		345- 375	400- 735		570- 880		695-1010		820- 985			
			Sample Size	0	2	140	0	93	0	191	0	7	0	0	0
		F	Mean Length							869		929			
			Range							730- 990		895- 950			
			Sample Size	0	0	0	0	0	0	86	0	5	0	0	0
1988	6/13,16	M	Mean Length			531		694		864		912			
	(6/13,16)		Std. Error			11		13		28		33			
			Range			440- 616		528- 844		605-1009		803-1035			
			Sample Size	0	0	17	0	32	0	17		6	0	0	0
		F	Mean Length			552		700		867		920			
			Std. Error			13		18		12		17			
			Range			539- 577		569- 875		700- 985		823-1031			
			Sample Size	0	0	3	0	22	0	34	0	15	0	0	0
	6/20	M	Mean Length			524		714		891		900			
	(6/20)		Std. Error			11		22		32		34			
			Range			440- 620		580- 848		665-1030		835- 950			
			Sample Size	0	0	13	0	15	0	11	0	3	0	0	0
		F	Mean Length					761		860		918			
			Std. Error					17		12		25			
			Range					667- 850		740- 950		778-1040			
			Sample Size	0	0	0	0	11	0	20	0	11	0	0	0
	6/28	M	Mean Length			538		732		818		856			
	(6/28)		Std. Error			11		16		26		43			
			Range			485- 625		475- 895		505- 990		735- 950			
			Sample Size	0	0	14	0	31	0	23	0	5	0	0	0
		F	Mean Length			698		797		855		881			
			Std. Error			72		30		16		28			
			Range			525- 970		693- 920		700- 950		790- 985			
			Sample Size	0	0	6	0	8	0	18	0	7	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 16 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/2 (7/2)	M	Mean Length			541		683		838		843			
			Std. Error			13		12		21		15			
			Range			450- 755		550- 820		705- 990		815- 865			
			Sample Size	0	0	26	0	34	0	16	0	3	0	0	0
		F	Mean Length			625		773		880		893			
			Std. Error			-		22		14		9			
			Range			625- 625		705- 845		805- 985		845- 945			
			Sample Size	0	0	1	0	6	0	14	0	11	0	0	0
	7/5-27 (7/5,8,11,14,18, 21,25,27,29,8/1,3, 5,8,10,12,15,17,19, 22,24,26,29,31,9/5)	M	Mean Length			549		729		882		525			
			Std. Error			10		15		24		-			
			Range			430- 910		615- 945		775-1000		525- 525			
			Sample Size	0	0	47	0	31	0	9	0	1	0	0	0
		F	Mean Length			574		731		883		926			
			Std. Error			10		27		14		16			
			Range			540- 600		565- 810		745- 970		820-1005			
			Sample Size	0	0	6	0	9	0	21	0	14	0	0	0
	Season	M	Mean Length			542		715		843		849			
			Range			430- 910		475- 945		505-1030		525-1035			
			Sample Size	0	0	117	0	143	0	76	0	18	0	0	0
		F	Mean Length			630		742		869		910			
			Range			525- 970		565- 920		700- 985		778-1040			
			Sample Size	0	0	16	0	56	0	107	0	58	0	0	0
1989	6/15 (6/15)	M	Mean Length		521	529		701		874		946			
			Std. Error		9	14		21		17		36			
			Range		510- 548	462- 586		600- 843		661-1059		865-1053			
			Sample Size	0	4	9	0	13	0	32	0	5	0	0	0
		F	Mean Length			610		742		872		956			
			Std. Error			-		19		8		13			
			Range			610- 610		640- 857		695- 993		913- 981			
			Sample Size	0	0	1	0	12	0	62	0	5	0	0	0
	6/23 (6/19,23)	M	Mean Length			563		728		877		958			
			Std. Error			9		22		22		12			
			Range			509- 629		629- 962		669-1035		946- 970			
			Sample Size	0	0	17	0	14	0	21	0	2	0	0	0
		F	Mean Length					685		880		921			
			Std. Error					37		7		19			
			Range					648- 721		745- 963		853- 960			
			Sample Size	0	0	0	0	2	0	32	0	5	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 17 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/26,30 (6/26,30)	M	Mean Length		470	557		660		921		1003			
			Std. Error		-	15		30		32		-			
			Range		470- 470	469- 714		549- 760		791-1043		1003-1003			
			Sample Size	0	1	16	0	6	0	9	0	1	0	0	0
		F	Mean Length		550	557		712		864		947			
			Std. Error		-	13		25		7		20			
			Range		550- 550	509- 625		646- 872		734- 946		854-1022			
			Sample Size	0	1	9	0	8	0	41	0	7	0	0	0
	7/3,12 (7/3,5,7,10,12,14,18, 21,24,27,31,8/2,4,7,9, 11,14,16,18,21,23,25)	M	Mean Length		417	528		699		885					
			Std. Error		41	10		31		22					
			Range		349- 492	440- 610		521- 841		564- 976					
			Sample Size	0	3	22	0	11	0	18	0	0	0	0	0
		F	Mean Length					699		849		905			
			Std. Error					18		15		23			
			Range					621- 781		621- 968		882- 927			
			Sample Size	0	0	0	0	8	0	23	0	2	0	0	0
	Season	M	Mean Length		443	541		707		883		958			
			Range		349- 548	440- 714		521- 962		564-1059		865-1053			
			Sample Size	0	8	64	0	44	0	80	0	8	0	0	0
		F	Mean Length		550	561		708		865		928			
			Range		550- 550	509- 625		621- 872		621- 993		853-1022			
			Sample Size	0	1	10	0	30	0	158	0	19	0	0	0
1990	6/14 (6/14)	M	Mean Length			576		655		763	773	940	850	982	
			Std. Error			14		12		27	-	11	-	-	
			Range			500- 687		485- 803		513- 913	773- 773	926- 962	850- 850	982- 982	
			Sample Size	0	0	16	0	44	0	18	1	3	1	1	0
		F	Mean Length			737		767		846		899	870	1015	1094
			Std. Error			118		21		21		29	-	-	-
			Range			502- 855		672- 875		671- 983		591-1066	870- 870	1015-1015	1094-1094
			Sample Size	0	0	3	0	10	0	16	0	14	1	1	1
	6/18 (6/18,21,25)	M	Mean Length			554		685		843		885			
			Std. Error			11		24		27		26			
			Range			464- 635		475- 820		641- 957		836- 923			
			Sample Size	0	0	19	0	20	0	12	0	3	0	0	0
		F	Mean Length			611		741		812		940			
			Std. Error			11		27		34		29			
			Range			580- 637		614- 890		612- 972		824- 980			
			Sample Size	0	0	5	0	11	0	13	0	5	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 18 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/2 (7/2,5,7,9,11,13, 16,19-21,23-28,30, 31,8/1-3,6,8,13, 16,18,20,23,27)	M	Mean Length			567		685		837		884		1000	
			Std. Error			30		25		28		45		-	
			Range			386- 945		465- 950		630-1110		620-1002		1000-1000	
			Sample Size	0	0	19	0	27	0	23	0	8	0	1	0
		F	Mean Length			602		778		858		864			
			Std. Error			6		25		13		54			
			Range			582- 620		610- 920		626- 971		595-1027			
			Sample Size	0	0	6	0	14	0	25	0	7	0	0	0
	Season	M	Mean Length			561		677		827	773	890	850	994	
			Range			386- 945		465- 950		513-1110	773- 773	620-1002	850- 850	982-1000	
			Sample Size	0	0	54	0	91	0	53	1	14	1	2	0
		F	Mean Length			619		758		838		903	870	1015	1094
			Range			502- 855		610- 920		612- 983		591-1066	870- 870	1015-1015	1094-1094
			Sample Size	0	0	14	0	35	0	54	0	26	1	1	1
1991	6/20 (6/13,20)	M	Mean Length			569		737		869	690	920			
			Std. Error			21		27		18	-	-			
			Range			510- 766		510- 922		730- 970	690- 690	920- 920			
			Sample Size	0	0	11	0	20	0	15	1	1	0	0	0
		F	Mean Length			778		811		894		890			
			Std. Error			3		111		9		-			
			Range			775- 780		700- 922		840- 982		890- 890			
			Sample Size	0	0	2	0	2	0	20	0	2	0	0	0
	6/24 (6/24,27)	M	Mean Length			585		751		794		828			
			Std. Error			36		24		33		155			
			Range			481- 870		611- 922		470- 982		673- 983			
			Sample Size	0	0	11	0	11	0	23	0	2	0	0	0
		F	Mean Length			723		707		847		879			
			Std. Error			85		31		14		16			
			Range			570- 958		555- 840		590- 960		856- 925			
			Sample Size	0	0	5	0	8	0	22	0	4	0	0	0
	7/1 (7/1)	M	Mean Length			531		642		823		918			
			Std. Error			13		22		20		18			
			Range			477- 612		454- 835		700-1010		865- 940			
			Sample Size	0	0	9	0	20	0	16	0	4	0	0	0
		F	Mean Length			625		762		859		887			
			Std. Error			-		32		12		22			
			Range			625- 625		598- 838		770- 924		807- 943			
			Sample Size	0	0	1	0	7	0	15	0	5	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 19 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/4 (7/4)	M	Mean Length			485		662		833		847			
			Std. Error			42		33		36		9			
			Range			361- 545		533- 795		600- 954		838- 855			
			Sample Size	0	0	4	0	9	0	9	0	2	0	0	0
		F	Mean Length			551		825		858		915			
			Std. Error			13		-		11		20			
			Range			532- 577		825- 825		810- 921		895- 935			
			Sample Size	0	0	3	0	1	0	9	0	2	0	0	0
	7/6 (7/6)	M	Mean Length			536		631		846					
			Std. Error			38		75		21					
			Range			432- 620		525- 853		740- 921					
			Sample Size	0	0	5	0	4	0	8	0	0	0	0	0
		F	Mean Length							879		808			
			Std. Error							13		-			
			Range							774- 927		808- 808			
			Sample Size	0	0	0	0	0	0	10	0	1	0	0	0
	7/8 (7/8,11,13)	M	Mean Length		425	546		670		906		909			
			Std. Error		76	15		21		18		46			
			Range		349- 500	416- 835		493- 913		744-1096		743- 996			
			Sample Size	0	2	37	0	30	0	25	0	5	0	0	0
		F	Mean Length					812		881		887			
			Std. Error					12		7		13			
			Range					791- 837		751- 974		798- 936			
			Sample Size	0	0	0	0	4	0	39	0	10	0	0	0
	7/19 (7/15,17,19,22,24, 26,29,31,8/2,5,9, 14,16,19,21,23,26, 28,9/2)	M	Mean Length			488		721		874		920			
			Std. Error			25		49		30		-			
			Range			390- 570		480- 830		800- 990		920- 920			
			Sample Size	0	0	6	0	7	0	7	0	1	0	0	0
		F	Mean Length					826		861		980			
			Std. Error					20		12		-			
			Range					780- 870		805- 970		980- 980			
			Sample Size	0	0	0	0	4	0	12	0	1	0	0	0
	Season	M	Mean Length		424	557		717		836	690	879			
			Range		349- 500	361- 870		454- 922		470-1096	690- 690	673- 996			
			Sample Size	0	2	83	0	101	0	103	1	15	0	0	0
		F	Mean Length			714		751		870		888			
			Range			532- 958		555- 922		590- 982		798- 980			
			Sample Size	0	0	11	0	26	0	127	0	25	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 20 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1992	Season	M	Mean Length												
			Range												
			Sample Size		Length's Out of Range										
		F	Mean Length												
			Range												
			Sample Size												
1993	6/21	M	Mean Length			564		749	516	870		1027			
	(6/21)		Std. Error			7		16	-	22		-			
			Range			448- 805		603- 946	516- 516	803- 942		1027-1027			
			Sample Size	0	0	55	0	28	1	8	0	1	0	0	0
		F	Mean Length			606		788		857		912			
			Std. Error			-		25		12		39			
			Range			606- 606		680- 884		592- 942		827-1003			
			Sample Size	0	0	1	0	9	0	26	0	4	0	0	0
	6/24	M	Mean Length			549		692		846			890		
	(6/24)		Std. Error			10		20		26			-		
			Range			462- 670		528- 855		800- 889			890- 890		
			Sample Size	0	0	23	0	16	0	3	0	0	1	0	0
		F	Mean Length					765		846	781	853			
			Std. Error					19		9	-	-			
			Range					687- 839		787- 947	781- 781	853- 853			
			Sample Size	0	0	0	0	7	0	21	1	1	0	0	0
	6/28, 7/2	M	Mean Length			533		646		811	667				
	(6/28,30,7/2,5)		Std. Error			11		43		31	99				
			Range			443- 641		521- 835		692- 962	568- 766				
				0	0	24	0	6	0	8	2	0	0	0	0
		F	Mean Length			585		775		817		863			
			Std. Error			23		15		13		20			
			Range			562- 607		644- 845		700- 889		843- 883			
			Sample Size	0	0	2	0	14	0	18	0	2	0	0	0
	7/9, 12	M	Mean Length			514		711		826		957			
	(7/7,9,12,14,16,19,		Std. Error			17		26		20		-			
	21,23,26,28,30,		Range			382- 638		579- 802		745- 912		957- 957			
	8/2,6,9,11,16,18,		Sample Size	0	0	16	0	8	0	8	0	1	0	0	0
	20,23,25,28)														
		F	Mean Length			636		730		868		935			
			Std. Error			-		21		16		16			
			Range			636- 636		652- 810		743- 947		919- 950			
			Sample Size	0	0	1	0	7	0	12	0	2	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 21 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length			547		717	516	834	667	993	890		
			Range			382- 805		521- 946	516- 516	692- 962	568- 766	957-1027	890- 890		
			Sample Size	0	0	118	0	58	1	27	2	2	1	0	0
		F	Mean Length			600		769		844	781	898			
			Range			562- 636		644- 884		592- 947	781- 781	827-1003			
			Sample Size	0	0	4	0	37	0	77	1	9	0	0	0
1994	6/15 (6/15)	M	Mean Length			554		673		819		908			
			Std. Error			16		32		25		55			
			Range			492- 602		580- 781		739- 981		853- 963			
			Sample Size	0	0	6	0	5	0	9	0	2	0	0	0
		F	Mean Length					691		842					
			Std. Error					26		14					
			Range					595- 823		789- 903					
			Sample Size	0	0	0	0	7	0	9	0	0	0	0	0
	6/20 (6/20)	M	Mean Length			567		721		859		821			
			Std. Error			28		16		13		-			
			Range			457- 646		568- 854		765- 969		821- 821			
			Sample Size	0	0	6	0	30	0	21	0	1	0	0	0
		F	Mean Length			550		719		856		872			
			Std. Error			13		15		12		25			
			Range			495- 657		531- 862		731- 932		789- 941			
			Sample Size	0	0	13	0	27	0	23	0	5	0	0	0
	7/1 (7/1)	M	Mean Length		395	525		727		864			787		
			Std. Error		-	9		13		28			-		
			Range		395- 395	401- 647		613- 827		733-1005			787- 787		
			Sample Size	0	1	27	0	21	0	9	0	0	1	0	0
		F	Mean Length			599		723		814		870			
			Std. Error			-		21		13		14			
			Range			599- 599		625- 855		645- 913		843- 886			
			Sample Size	0	0	1	0	14	0	26	0	3	0	0	0
	7/6 (7/4,6,8,11,13,15,18, 20,22,25,27,29,8/1, 3,5,8,12,15,17,19, 22,24,26,29,9/5)	M	Mean Length		375	551		698		848		959			
			Std. Error		-	19		21		21		-			
			Range		375- 375	499- 617		536- 837		758- 902		959- 959			
			Sample Size	0	1	6	0	18	0	6	0	1	0	0	0
		F	Mean Length			596		773		857		906			
			Std. Error			-		21		9		23			
			Range			596- 596		661- 888		793- 920		883- 929			
			Sample Size	0	0	1	0	9	0	15	0	2	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 22 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		380	538		705		845		930	787		
			Range		375- 395	401- 647		536- 854		733-1005		821- 963	787- 787		
			Sample Size	0	2	45	0	74	0	45	0	4	1	0	0
		F	Mean Length			576		741		842		891			
			Range			495- 657		531- 888		645- 932		789- 941			
			Sample Size	0	0	15	0	57	0	73	0	10	0	0	0
1995	6/13	M	Mean Length			525		699		880					
	(6/13)		Std. Error			7		16		13					
			Range			435- 615		617- 781		703- 1020					
			Sample Size	0	0	43	0	12	0	42	0	0	0	0	0
		F	Mean Length			562		692		849		906			
			Std. Error			10		12		9		16			
			Range			491- 799		541- 831		690- 966		890- 921			
			Sample Size	0	0	30	0	22	0	55	0	2	0	0	0
	6/17	M	Mean Length			535		720		850					
	(6/17,20)		Std. Error			6		12		11					
			Range			459- 621		622- 818		731- 966					
			Sample Size	0	0	47	0	24	0	39	0	0	0	0	0
		F	Mean Length			583		728		874					
			Std. Error			11		21		5					
			Range			547- 615		605- 861		787- 983					
			Sample Size	0	0	5	0	12	0	72	0	0	0	0	0
	6/24	M	Mean Length			546		709		862					
	(6/20,24)		Std. Error			10		26		16					
			Range			486- 603		570- 800		696- 953					
			Sample Size	0	0	15	0	10	0	22	0	0	0	0	0
		F	Mean Length					755		862		950			
			Std. Error					48		11		-			
			Range					666- 868		715- 942		950- 950			
			Sample Size	0	0	0	0	4	0	26	0	1	0	0	0
	6/26	M	Mean Length			550		743		863		866			
	(6/26-9/1)		Std. Error			11		18		11		-			
			Range			477- 623		637- 837		636- 998		866- 866			
			Sample Size	0	0	15	0	10	0	46	0	1	0	0	0
		F	Mean Length					797		881					
			Std. Error					25		7					
			Range					772- 821		737- 989					
			Sample Size	0	0	0	0	2	0	46	0	0	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 23 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length			538		719		862		866			
			Range			435- 623		617- 837		636- 1020		866- 866			
			Sample Size	0	0	120	0	56	0	149	0	1	0	0	0
		F	Mean Length			566		726		869		934			
			Range			491- 799		541- 868		690- 989		890- 950			
			Sample Size	0	0	35	0	40	0	199	0	3	0	0	0
1996 [b]	6/22 (6/22)	M	Mean Length		435	526		725		888		873			
			Std. Error		-	16		11		37		43			
			Range		435- 435	390- 610		620- 910		790- 1030		790- 930			
			Sample Size	0	1	16	0	44	0	7	0	3	0	0	0
		F	Mean Length					754		861		923			
			Std. Error					16		14		9			
			Range					620- 940		680- 970		890- 970			
			Sample Size	0	0	0	0	23	0	22	0	9	0	0	0
	6/25 (6/25)	M	Mean Length			558		760		843					
			Std. Error			11		17		17					
			Range			525- 575		630- 945		795- 905					
			Sample Size	0	0	4	0	24	0	6	0	0	0	0	0
		F	Mean Length			520		743		867		903			
			Std. Error			20		19		9		13			
			Range			395- 575		615- 850		770- 940		890- 915			
			Sample Size	0	0	8	0	16	0	20	0	2	0	0	0
	6/29 (6/29-8/26)	M	Mean Length		395	544		719		861		915			
			Std. Error		10	7		9		18		-			
			Range		385- 405	475- 625		625- 900		745- 1025		915- 915			
			Sample Size	0	2	35	0	52	0	19	0	1	0	0	0
		F	Mean Length			571		772		841		889			
			Std. Error			9		14		9		18			
			Range			540- 590		655- 885		700- 995		725- 1005			
			Sample Size	0	0	5	0	26	0	38	0	15	0	0	0
1997 [d]	6/13 (6/13,16,19)	M	Mean Length		375	562		712							
			Std. Error		-	6		12							
			Range		375- 375	445- 664		630- 790							
			Sample Size	0	1	66	0	17	0	34 [c]	0	0	0	0	0
		F	Mean Length			636		762							
			Std. Error			-		17							
			Range			636- 636		728- 806							
			Sample Size	0	0	1	0	4	0	56 [c]	0	2 [c]	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 24 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/26	M	Mean Length		393	592		715		843					
	(6/23,26,30)		Std. Error		14	8		14		15					
			Range		379- 407	490- 805		534- 825		648- 989					
			Sample Size	0	2	54	0	23	0	32	0	0	0	0	0
		F	Mean Length					856		876					
			Std. Error					28		9					
			Range					828- 883		651- 982					
			Sample Size	0	0	0	0	2	0	43	0	0	0	0	0
	7/4	M	Mean Length		448	563		733		865					
	(7/2,4,7,9,11)		Std. Error		-	8		17		19					
			Range		448- 448	486- 666		695- 783		700- 990					
			Sample Size	0	1	30	0	5	0	19	0	0	0	0	0
		F	Mean Length					869		898					
			Std. Error					95		8					
			Range					774- 963		746- 1000					
			Sample Size	0	0	0	0	2	0	48	0	0	0	0	0
	7/21	M	Mean Length		425	580	495	681		915		985			
	(7/14,16,18,21,23)		Std. Error		24	12	-	33		21		-			
			Range		365- 513	472- 701	495- 495	621- 735		839- 1015		985- 985			
			Sample Size	0	6	32	1	3	0	8	0	1	0	0	0
		F	Mean Length					740		895					
			Std. Error					-		8					
			Range					740- 740		794- 1012					
			Sample Size	0	0	0	0	1	0	45	0	0	0	0	0
	25-Jul	M	Mean Length		385	568	458	655		843					
	(7/25,28,30,8/1,4,		Std. Error		20	15	-	19		23					
	6,8,13,15,18,20,		Range		340- 437	480- 664	458- 458	567- 700		820- 865					
	22,25,28)		Sample Size	0	5	18	1	6	0	2	0	0	0	0	0
		F	Mean Length							831					
			Std. Error							21					
			Range							810- 852					
			Sample Size	0	0	0	0	0	0	2	0	0	0	0	0
	Season [c]	M	Mean Length		398	570	471	713		847		985			
			Range		340- 513	445- 805	458- 495	534- 825		648- 1015		985- 985			
			Sample Size	0	15	200	2	54	0	61	0	1	0	0	0
		F	Mean Length			636		795		881					
			Range			636- 636		728- 963		651- 1012					
			Sample Size	0	0	1	0	9	0	138	0	0	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 25 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1998 [d]	6/15 (6/15,18)	M	Mean Length		375	557		695		794		940			
			Std. Error		-	6		6		14		21			
			Range		375- 375	471- 637		539- 860		672- 906		907- 996			
			Sample Size	0	1	43	0	97	0	17	0	4	0	0	0
		F	Mean Length					772		827					
			Std. Error					14		10					
			Range					707- 841		758- 910					
			Sample Size	0	0	0	0	10	0	21	0	0	0	0	0
	6/22 (6/22,25)	M	Mean Length		359	542		708		806		922			
			Std. Error		14	6		7		16		33			
			Range		345- 372	473- 649		561- 860		648- 894		889- 954			
			Sample Size	0	2	45	0	86	0	18	0	2	0	0	0
		F	Mean Length			535		782		816		895			
			Std. Error			13		10		17		25			
			Range			511- 556		708- 861		702- 946		868- 945			
			Sample Size	0	0	3	0	16	0	16	0	3	0	0	0
	7/6 (6/29,7/2,6,8)	M	Mean Length		391	552		728		839		841			
			Std. Error		20	9		6		19		-			
			Range		335- 474	440- 682		598- 855		716- 960		841- 841			
			Sample Size	0	7	36	0	86	0	17	0	1	0	0	0
		F	Mean Length					779		823		865			
			Std. Error					8		11		18			
			Range					734- 871		744- 930		847- 883			
			Sample Size	0	0	0	0	17	0	21	0	2	0	0	0
	7/21 (7/14,16,18,21,23)	M	Mean Length		370	535	495	725		854		965			
			Std. Error		10	6	-	10		16		-			
			Range		314- 440	447- 610	495- 495	600- 873		770- 954		965- 965			
			Sample Size	0	13	51	1	35	0	12	0	1	0	0	0
		F	Mean Length					800		832		885			
			Std. Error					9		12		9			
			Range					740- 874		730- 917		876- 893			
			Sample Size	0	0	0	0	19	0	19	0	2	0	0	0
	Season	M	Mean Length		377	546		713		821		922			
			Range		314- 474	440- 682		539- 873		648- 960		841- 996			
			Sample Size	0	23	175	0	304	0	64	0	8	0	0	0
		F	Mean Length			535		784		824		883			
			Range			511- 556		707- 874		702- 946		847- 945			
			Sample Size	0	0	3	0	62	0	77	0	7	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 26 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1999 [d]	6/21 (6/21)	M	Mean Length			526		678	526	789		955			
			Std. Error			5		10	-	13		-			
			Range			459- 600	0	555- 840	526- 526	621- 945		955- 955			
			Sample Size	0	0	50		42	1	25	0	1	0	0	0
		F	Mean Length					846		846		852			
			Std. Error					-		8		19			
			Range					846- 846		745- 945		833- 871			
			Sample Size	0	0	0	0	1	0	34	0	2	0	0	0
	6/24 (6/24)	M	Mean Length			515		696		821		834	907		
			Std. Error			5		8		14		-	33		
			Range			420- 623		607- 878		651-1000		834- 834	874- 940		
			Sample Size	0	0	55	0	48	0	46	0	1	2	0	0
		F	Mean Length					753		851					
			Std. Error					35		8					
			Range					586- 819		740- 985					
			Sample Size	0	0	0	0	6	0	50	0	0	0	0	0
	6/28 (6/28,7/1,5)	M	Mean Length			521		703		833		960			
			Std. Error			5		9		11		-			
			Range			435- 605		595- 811		696- 966		960- 960			
			Sample Size	0	0	57	0	32	0	36	0	1	0	0	0
		F	Mean Length			534		818		849		893			
			Std. Error			14		19		11		35			
			Range			520- 548		797- 856		599- 958		858- 927			
			Sample Size	0	0	2	0	3	0	43	0	2	0	0	0
	7/14 (7/9,14,16,19,21, 23,26,28,30,8/2, 4,11,16,18)	M	Mean Length		370	506		695		876					
			Std. Error		23	15		16		17					
			Range		337- 436	390- 611		610- 818		758-1051					
			Sample Size	0	4	21	0	13	0	19	0	0	0	0	0
		F	Mean Length					813		870		897			
			Std. Error					29		8		24			
			Range					708- 930		732- 940		865- 945			
			Sample Size	0	0	0	0	6	0	55	0	3	0	0	0
	Season	M	Mean Length		370	520		694	526	826		936	907		
			Range		337- 436	390- 623		555- 878	526- 526	621-1051		834- 960	874- 940		
			Sample Size	0	4	183	0	135	1	126	0	3	2		
		F	Mean Length			534		802		853		884			
			Range			520- 548		586- 930		599- 985		833- 945			
			Sample Size	0	0	2	0	16	0	182	0	7	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 27 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2000 [d]	6/15 (6/15)	M	Mean Length			528		686		837		915			
			Std. Error			11		6		15		-			
			Range			457- 632		559- 846		674- 965		915- 915			
			Sample Size	0	0	17	0	97	0	31	0	1	0	0	0
		F	Mean Length					774		848		886			
			Std. Error					15		8		-			
			Range					756- 820		729- 997		886- 886			
			Sample Size	0	0	0	0	4	0	43	0	1	0	0	0
	6/22 (6/19,22,26)	M	Mean Length			544		682		828		833			
			Std. Error			10		8		11		26			
			Range			460- 648		476- 871		724- 980		807- 858			
			Sample Size	0	0	23	0	66	0	29	0	2	0	0	0
		F	Mean Length					791		841		876			
			Std. Error					9		9		8			
			Range					765- 840		699- 970		858- 895			
			Sample Size	0	0	0	0	8	0	42	0	4	0	0	0
	7/3 (6/29-8/24)	M	Mean Length		354	513		712		845					
			Std. Error		16	11		12		19					
			Range		325- 378	455- 638		533- 868		673- 975					
			Sample Size	0	3	18	0	35	0	20	0	0	0	0	0
		F	Mean Length					761		826		887			
			Std. Error					27		10		-			
			Range					561- 840		700- 930		887- 887			
			Sample Size	0	0	0	0	9	0	26	0	1	0	0	0
	Season	M	Mean Length		354	533		689		833		840			
			Range		325- 378	455- 648		476- 871		673- 980		807- 915			
			Sample Size	0	3	58	0	198	0	80	0	3	0	0	0
		F	Mean Length					778		838		878			
			Range					561- 840		699- 997		858- 895			
			Sample Size	0	0	0	0	21	0	111	0	6	0	0	0
2001 [d]	6/15 (6/15)	M	Mean Length		420	570		695		816					
			Std. Error		-	40		12		12					
			Range		420- 420	483- 834		591- 910		375-1015					
			Sample Size	0	1	8	0	31	0	77	0	0	0	0	0
		F	Mean Length		832			822		839					
			Std. Error		-			15		6					
			Range		832- 832			766- 890		743- 950					
			Sample Size	0	1	0	0	7	0	66	0	0	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 28 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/21 (6/25, 28)	M	Mean Length			518		690		823		954			
			Std. Error			10		17		11		-			
			Range			450- 635		552- 848		585-1014		954- 954			
			Sample Size	0	0	24	0	21	0	76	0	1	0	0	0
		F	Mean Length					804		861		847			
			Std. Error					18		5		52			
			Range					782- 840		761- 966		795- 898			
			Sample Size	0	0	0	0	3	0	71	0	2	0	0	0
	7/5 (7/2-8/24)	M	Mean Length			524		688		844		805			
			Std. Error			12		13		10		55			
			Range			420- 625		641- 801		597-1002		749- 915			
			Sample Size	0	0	22	0	13	0	66	0	3	0	0	0
		F	Mean Length					799		857		856			
			Std. Error					-		6		-			
			Range					799- 799		726- 985		856- 856			
			Sample Size	0	0	0	0	1	0	75	0	1	0	0	0
	Season	M	Mean Length		420	527		692		825		858			
			Range		420- 420	420- 834		552- 910		375-1015		749- 954			
			Sample Size	0	1	54	0	65	0	219	0	4	0	0	0
		F	Mean Length		832			814		853		849			
			Range		832- 832			766- 890		726- 985		795- 898			
			Sample Size	0	1	0	0	11	0	212	0	3	0	0	0
2002 [d]	6/14 (6/14,17)	M	Mean Length			535		653		797		942			
			Std. Error			8		15		17		30			
			Range			469- 704		482- 792		668- 960		882- 979			
			Sample Size	0	0	35	0	29	0	21	0	3	0	0	0
		F	Mean Length			518		728		824		850			
			Std. Error			-		-		10		-			
			Range			518- 518		728- 728		759- 888		850- 850			
			Sample Size	0	0	1	0	1	0	14	0	1	0	0	0
	6/20 (6/20,26)	M	Mean Length		364	536		673		822		912			
			Std. Error		-	8		12		13		29			
			Range		364- 364	422- 629		510- 837		697- 975		822- 985			
			Sample Size	0	1	47	0	44	0	33	0	5	0	0	0
		F	Mean Length					784		851		890			
			Std. Error					127		9		24			
			Range					657- 911		768- 942		832- 952			
			Sample Size	0	0	0	0	2	0	25	0	5	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 29 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/1 (7/3-8/26)	M	Mean Length		361	530		662		766		603			
			Std. Error		16	13		17		31		-			
			Range		344- 394	381- 779		442- 932		460- 972		603- 603			
			Sample Size	0	3	41	0	34	0	22	0	1	0	0	0
		F	Mean Length			529		857		824		868			
			Std. Error			22		20		8		14			
			Range			507- 550		780-894		698- 923		830- 897			
			Sample Size	0	0	2	0	5	0	36	0	4	0	0	0
	Season	M	Mean Length		362	533		660		794		885			
			Range		344- 394	381- 779		471- 932		460- 975		603- 985			
			Sample Size	0	4	123	0	107	0	76	0	9	0	0	0
		F	Mean Length			525		824		830		874			
			Range			507- 550		657-911		698- 942		830- 952			
			Sample Size	0	0	3	0	8	0	75	0	10	0	0	0
2003 [d]	6/14 (6/14,17)	M	Mean Length			525		691		808		845			
			Std. Error			6		8		17		22			
			Range			401- 611		488- 845		630- 995		810- 886			
			Sample Size	0	0	55	0	74	0	34		3	0	0	0
		F	Mean Length					792		849		930			
			Std. Error					16		17		22			
			Range					751- 849		656-1001		859-1003			
			Sample Size	0	0	0	0	5	0	21		7	0	0	0
	6/19 (6/19,24)	M	Mean Length		356	517		693		817		800			
			Std. Error		4	7		8		20		-			
			Range		330- 370	315- 635		530- 826		650- 995		800- 800			
			Sample Size	0	9	64	0	80	0	27	0	1	0	0	0
		F	Mean Length					751		827		873			
			Std. Error					35		9		18			
			Range					716- 785		750- 910		855- 890			
			Sample Size	0	0	0	0	2	0	25	0	2	0	0	0
	7/1,7,14 (7/1-8/27)	M	Mean Length		391	530		722		825		856			
			Std. Error		6	10		16		14		-			
			Range		370- 405	425- 594		560- 835		680- 939		856- 856			
			Sample Size	0	5	22	0	26	0	30	0	1	0	0	0
		F	Mean Length		380	543		708		830					
			Std. Error		15	16		34		11					
			Range		365- 395	445- 635		600- 865		685- 999					
			Sample Size	0	2	13	0	8	0	31	0	0	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 30 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		375	523		698		817		842			
			Range		330- 405	315- 635		488- 845		630- 995		800- 886			
			Sample Size	0	14	141	0	180	0	91	0	5	0	0	0
		F	Mean Length		380	543		736		834		921			
			Range		365- 395	445- 635		600- 865		656-1001		855-1003			
			Sample Size	0	2	13	0	15	0	77	0		0	0	0
2004 [d]	6/17 (6/15,17)	M	Mean Length			564		653		814		875			
			Std. Error			6		21		41		100			
			Range			465- 615		520- 840		695- 985		775- 975			
			Sample Size	0	0	27	0	19	0	7	0	2	0	0	0
		F	Mean Length							819					
			Std. Error							13					
			Range							795- 850					
			Sample Size	0	0	0	0	0	0	4	0	0	0	0	0
	6/24 (6/22,24)	M	Mean Length			575		682		800					
			Std. Error			8		16		21					
			Range			495- 635		530- 800		676- 872					
			Sample Size	0	0	24	0	19	0	9	0	0	0	0	0
		F	Mean Length					751		846					
			Std. Error					4		25					
			Range					747- 754		770- 975					
			Sample Size	0	0	0	0	2	0	7	0	0	0	0	0
	7/1 (6/29,7/1,5)	M	Mean Length		450	587		701		771		840			
			Std. Error		-	6		11		52		-			
			Range		450- 450	510- 665		635- 765		685- 900		840- 840			
			Sample Size	0	1	30	0	13	0	4	0	1	0	0	0
		F	Mean Length			635		787		844		830			
			Std. Error			-		6		12		-			
			Range			635- 635		765- 800		810- 915		830- 830			
			Sample Size	0	0	1	0	5	0	8	0	1	0	0	0
	7/12 (7/7,912,14,16,8/2, 4,6,9,11,13,16,18, 20,23,25,27)	M	Mean Length			595		778		914					
			Std. Error			9		55		20					
			Range			515- 650		575- 885		865- 950					
			Sample Size	0	0	13	0	5	0	4	0	0	0	0	0
		F	Mean Length							895					
			Std. Error							40					
			Range							855- 935					
			Sample Size	0	0	0	0	0	0	2	0	0	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 31 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season [d]	M	Mean Length		450	580		691		830		863			
			Range		450- 450	465- 665		520- 885		676- 985		775- 975			
			Sample Size	0	1	94	0	56	0	24	0	3	0	0	0
		F	Mean Length			635		778		848		830			
			Range			635- 635		747- 800		770- 975		830- 830			
			Sample Size	0	0	1	0	7	0	21	0	1	0	0	0
2005 [d]	6/14 (6/14,16)	M	Mean Length			545		700		814		715			
			Std. Error			7		6		17		-			
			Range			440- 672		576- 835		688-1123		715- 715			
			Sample Size	0	0	40	0	74	0	32	0	1	0	0	0
		F	Mean Length					765		801		735			
			Std. Error					11		10		-			
			Range					700- 883		695- 889		735- 735			
			Sample Size	0	0	0	0	16	0	22	0	1	0	0	0
	6/21 (6/21,23)	M	Mean Length		335	548		697		818					
			Std. Error		-	7		7		13					
			Range		335- 335	420- 632		531- 861		605- 888					
			Sample Size	0	1	46	0	68	0	23	0	0	0	0	0
		F	Mean Length					769		838		905			
			Std. Error					8		17		-			
			Range					719- 825		722-1009		905- 905			
			Sample Size	0	0	0	0	18	0	19	0	1	0	0	0
	6/28 (6/28,30)	M	Mean Length		336	527		699		837					
			Std. Error		-	9		7		29					
			Range		336- 336	401- 686		573- 838		687-1405					
			Sample Size	0	1	40	0	67	0	23	0	0	0	0	0
		F	Mean Length					788		842		795			
			Std. Error					8		19		-			
			Range					696- 847		716-1102		795- 795			
			Sample Size	0	0	0	0	26	0	20	0	1	0	0	0
	7/5 (7/5,7)	M	Mean Length		437	566		718	593	800					
			Std. Error		9	12		10	-	18					
			Range		428- 446	474- 793		536- 865	593- 593	562-1005					
			Sample Size	0	2	31	0	64	1	28	0	0	0	0	0
		F	Mean Length					767		831					
			Std. Error					11		6					
			Range					576- 875		705- 920					
			Sample Size	0	0	0	0	31	0	38	0	0	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 32 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/12	M	Mean Length		381	574		725		895		692			
	(7/12,14,19,8/1,		Std. Error		-	27		8		31		-			
	3,5,8,10,12,15)		Range		381- 381	463- 774		614- 822		622-1080		692- 692			
			Sample Size	0	1	11	0	39	0	16	0	1	0	0	0
		F	Mean Length			617		794		863		1001			
			Std. Error			26		11		14		-			
			Range			591- 642		690- 900		734-1045		1001-1001			
			Sample Size	0	0	2	0	26	0	34	0	1	0	0	0
	Season	M	Mean Length		361	546		702	593	824		708			
			Range		335- 446	401- 793		531- 865	593- 593	562-1405		692- 715			
			Sample Size	0	5	168	0	312	1	122	0	2	0	0	0
		F	Mean Length			617		776		833		852			
			Range			591- 642		576- 900		695-1102		735-1001			
			Sample Size	0	0	2	0	117	0	133	0	4	0	0	0
2006 [d]	6/15	M	Mean Length		362	545		686		871		882			
	(6/15)		Std. Error		7	4		10		16		60			
			Range		355- 368	465- 605		504- 840		683-1000		790- 995			
			Sample Size	0	2	49	0	70	0	27	0	3	0	0	0
		F	Mean Length					782		861		910			
			Std. Error					18		8		-			
			Range					738- 857		770- 943		910- 910			
			Sample Size	0	0	0	0	6	0	34	0	1	0	0	0
	6/22	M	Mean Length			537		650	484	808		865			
	(6/20-22)		Std. Error			5		9	-	21		28			
			Range			448- 646		517- 840	484- 484	641- 992		837- 892			
			Sample Size	0	0	62	0	44	1	21	0	2	0	0	0
		F	Mean Length					768		820		866			
			Std. Error					18		13		20			
			Range					696- 835		679- 965		827- 890			
			Sample Size	0	0	0	0	9	0	22	0	3	0	0	0
	6/30	M	Mean Length			543		688		821					
	(6/27-30)		Std. Error			9		13		23					
			Range			433- 755		552- 805		633-1040					
			Sample Size	0	0	43	0	29	0	21	0	0	0	0	0
		F	Mean Length			693		787		838		825			
			Std. Error			67		10		7		40			
			Range			560- 776		746- 836		752- 939		785- 865			
			Sample Size	0	0	3	0	9	0	40	0	2	0	0	0

Appendix B.4. Mean length (mm) of chinook salmon from the District 4 commercial fishery. [a] (page 33 of 33)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/5	M	Mean Length			552		722		807		833			
	(7/3,5,7,10,17,19,21,24,		Std. Error			7		11		16		35			
	26,31,8/2,4,7,9,11,14,16,		Range			453- 671		611- 823		642- 970		798- 868			
	18,21,23,25,28,30,9/1)		Sample Size	0	0	45	0	29	0	26	0	2	0	0	0
		F	Mean Length			634		756		835		824			
			Std. Error			26		10		9		-			
			Range			608- 659		705- 816		697- 950		824- 824			
			Sample Size	0	0	2	0	12	0	38	0	1	0	0	0
	Season	M	Mean Length		362	542		677	484	820		859			
			Range		355- 368	433- 755		504- 840	484- 484	633-1040		790- 995			
			Sample Size	0	2	199	0	172	1	95	0	7	0	0	0
		F	Mean Length			664		768		835		856			
			Range			560- 776		696- 857		679- 965		785- 910			
			Sample Size	0	0	5	0	36	0	134	0	7	0	0	0
	Grand Total [e]	M	Mean Length		396	544	471	698	550	843	708	912	854	867	
			Range		314- 560	315-1018	458- 495	454-971	516-631	375-1405	520-780	525-1082	736-1001	740-1000	
			Sample Size	0	126	3,087	2	3,361	5	2,498	8	192	9	3	0
		F	Mean Length		561	622		767	535	860	798	904	881	1015	1094
			Range		365- 832	445-970		531- 963	535-535	599- 1102	690-893	591-1066	870-892	1015-1015	1094-1094
			Sample Size	0	6	366	0	857	1	3,152	6	324	2	1	1

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

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

[c] Ages 1.4 and 1.5 collected 6/13/97 are omitted from length analysis due to recording errors.

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

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

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

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1990 [c]	6/20	87	M	0	0.0	0	0.0	146	40.7	0	0.0	71	19.8	0	0.0	71	19.8	0	0.0	8	2.3	0	0.0	0	0.0	0	0.0	296	82.6
	(6/20)		F	0	0.0	0	0.0	17	4.7	0	0.0	17	4.7	0	0.0	21	5.8	0	0.0	8	2.3	0	0.0	0	0.0	0	0.0	62	17.4
			Subtotal	0	0.0	0	0.0	162	45.3	0	0.0	87	24.4	0	0.0	92	25.6	0	0.0	17	4.7	0	0.0	0	0.0	0	0.0	358	100.0
	6/25	47	M	0	0.0	0	0.0	116	34.0	0	0.0	22	6.4	0	0.0	51	14.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	188	55.3
	(6/25)		F	0	0.0	0	0.0	0	0.0	0	0.0	22	6.4	0	0.0	123	36.2	0	0.0	7	2.1	0	0.0	0	0.0	0	0.0	152	44.7
			Subtotal	0	0.0	0	0.0	116	34.0	0	0.0	44	12.8	0	0.0	174	51.1	0	0.0	7	2.1	0	0.0	0	0.0	0	0.0	340	100.0
	(6/29,7/2)	0	M																										
			F																										
			Subtotal																									1,040	
	7/5	14	M	0	0.0	0	0.0	119	21.4	0	0.0	40	7.1	0	0.0	318	57.1	40	7.1	0	0.0	0	0.0	0	0.0	0	0.0	517	92.9
	(7/5)		F	0	0.0	0	0.0	0	0.0	0	0.0	40	7.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	40	7.1
			Subtotal	0	0.0	0	0.0	119	21.4	0	0.0	80	14.3	0	0.0	318	57.1	40	7.1	0	0.0	0	0.0	0	0.0	0	0.0	557	100.0
	(7/7,9,11,13,16, 18,20,21,23-28, 30-8/ 3,6,8,10,13, 16,20,27,29)	0	M																										
			F																										
			Subtotal																									1,008	
	Season	148	M																										
			F																										
			Total																									3,303	
1991	6/20	66	M	0	0.0	0	0.0	29	21.2	0	0.0	46	33.3	2	1.5	17	12.1	0	0.0	2	1.5	0	0.0	0	0.0	0	0.0	97	69.7
	(6/20)		F	0	0.0	0	0.0	15	10.6	0	0.0	21	15.2	0	0.0	6	4.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	42	30.3
			Subtotal	0	0.0	0	0.0	44	31.8	0	0.0	67	48.5	2	1.5	23	16.7	0	0.0	2	1.5	0	0.0	0	0.0	0	0.0	139	100.0
	6/27	65	M	0	0.0	0	0.0	67	38.5	0	0.0	32	18.5	0	0.0	24	13.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	122	70.8
	(6/27)		F	0	0.0	0	0.0	0	0.0	0	0.0	27	15.4	0	0.0	24	13.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	51	29.2
			Subtotal	0	0.0	0	0.0	67	38.5	0	0.0	59	33.9	0	0.0	48	27.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	173	100.0
	7/1	80	M	0	0.0	0	0.0	22	28.8	0	0.0	21	27.5	0	0.0	5	6.3	0	0.0	1	1.3	0	0.0	0	0.0	0	0.0	49	63.8
	(7/1)		F	0	0.0	0	0.0	0	0.0	0	0.0	8	10.0	0	0.0	19	25.0	0	0.0	1	1.3	0	0.0	0	0.0	0	0.0	28	36.2
			Subtotal	0	0.0	0	0.0	22	28.8	0	0.0	29	37.5	0	0.0	24	31.3	0	0.0	2	2.6	0	0.0	0	0.0	0	0.0	77	100.0
	7/6	17	M	0	0.0	0	0.0	68	35.3	0	0.0	68	35.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	136	70.6
	(7/6,8)		F	0	0.0	0	0.0	0	0.0	0	0.0	23	11.8	0	0.0	23	11.8	0	0.0	11	5.9	0	0.0	0	0.0	0	0.0	57	29.4
			Subtotal	0	0.0	0	0.0	68	35.3	0	0.0	91	47.1	0	0.0	23	11.8	0	0.0	11	5.9	0	0.0	0	0.0	0	0.0	193	100.0
	7/11	14	M	0	0.0	0	0.0	19	35.7	0	0.0	11	21.4	0	0.0	4	7.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	34	64.3
	(7/11)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	11	21.4	0	0.0	0	0.0	4	7.1	0	0.0	4	7.1	19	35.7
			Subtotal	0	0.0	0	0.0	19	35.7	0	0.0	11	21.4	0	0.0	15	28.6	0	0.0	0	0.0	4	7.1	0	0.0	4	7.1	53	100.0
	7/13	16	M	0	0.0	0	0.0	35	12.5	0	0.0	52	18.8	0	0.0	35	12.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	121	43.8
	(7/13-9/2)		F	0	0.0	0	0.0	0	0.0	0	0.0	69	25.0	0	0.0	52	18.8	0	0.0	17	6.3	17	6.3	0	0.0	0	0.0	156	56.3
			Subtotal	0	0.0	0	0.0	35	12.5	0	0.0	121	43.8	0	0.0	87	31.3	0	0.0	17	6.3	17	6.3	0	0.0	0	0.0	277	100.0
	Season	258	M	0	0.0	0	0.0	240	26.3	0	0.0	231	25.3	2	0.2	84	9.2	0	0.0	3	0.3	0	0.0	0	0.0	0	0.0	560	61.4
			F	0	0.0	0	0.0	15	1.6	0	0.0	147	16.2	0	0.0	135	14.9	0	0.0	30	3.2	21	2.3	0	0.0	4	0.4	352	38.6
			Total	0	0.0	0	0.0	255	27.9	0	0.0	378	41.5	2	0.2	219	24.1	0	0.0	33	3.6	21	2.3	0	0.0	4	0.4	912	100.0
1992	6/22	62	M	0	0.0	24	1.6	358	24.2	0	0.0	382	25.8	0	0.0	96	6.5	0	0.0	24	1.6	0	0.0	0	0.0	0	0.0	883	59.7
	(6/22,25)		F	0	0.0	0	0.0	214	14.5	0	0.0	191	12.9	0	0.0	191	12.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	596	40.3
			Subtotal	0	0.0	24	1.6	572	38.7	0	0.0	572	38.7	0	0.0	287	19.4	0	0.0	24	1.6	0	0.0	0	0.0	0	0.0	1,479	100.0

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

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	7/2	38	M	0	0.0	0	0.0	311	21.1	0	0.0	388	26.3	38	2.6	349	23.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,086	73.7
	(6/29,7/2,6)		F	0	0.0	0	0.0	0	0.0	0	0.0	155	10.5	0	0.0	195	13.2	0	0.0	0	0.0	38	2.6	0	0.0	0	0.0	388	26.3
			Subtotal	0	0.0	0	0.0	311	21.1	0	0.0	542	36.8	38	2.6	544	36.9	0	0.0	0	0.0	38	2.6	0	0.0	0	0.0	1,474	100.0
	7/13,16,20,23,	40	M	0	0.0	0	0.0	115	20.0	0	0.0	86	15.0	0	0.0	115	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	316	55.0
	27,30,8/3		F	0	0.0	0	0.0	58	10.0	0	0.0	43	7.5	0	0.0	129	22.5	0	0.0	29	5.0	0	0.0	0	0.0	0	0.0	259	45.0
	(7/9-9/3)		Subtotal	0	0.0	0	0.0	173	30.0	0	0.0	129	22.5	0	0.0	244	42.5	0	0.0	29	5.0	0	0.0	0	0.0	0	0.0	575	100.0
	Season	140	M	0	0.0	24	0.7	784	22.2	0	0.0	855	24.2	38	1.1	560	15.9	0	0.0	24	0.7	0	0.0	0	0.0	0	0.0	2,286	64.8
			F	0	0.0	0	0.0	272	7.7	0	0.0	389	11.0	0	0.0	515	14.6	0	0.0	29	0.8	38	1.1	0	0.0	0	0.0	1,242	35.2
			Total	0	0.0		0.0	1,056	29.9	0	0.0	1,244	35.3	38	1.1	1,075	30.5	0	0.0	52	1.5	38	1.1	0	0.0	0	0.0	3,528	100.0
1993 [c]	6/28	101	M	0	0.0	0	0.0	50	8.9	0	0.0	84	14.9	0	0.0	90	15.8	0	0.0	6	1.0	0	0.0	0	0.0	0	0.0	230	40.6
	(6/28)		F	0	0.0	0	0.0	157	27.7	0	0.0	62	10.9	0	0.0	107	18.8	0	0.0	11	2.0	0	0.0	0	0.0	0	0.0	337	59.4
			Subtotal	0	0.0	0	0.0	208	36.6	0	0.0	146	25.8	0	0.0	196	34.6	0	0.0	17	3.0	0	0.0	0	0.0	0	0.0	567	100.0
	6/30,7/2	51	M	0	0.0	0	0.0	40	9.8	0	0.0	64	15.7	0	0.0	40	9.8	0	0.0	8	2.0	0	0.0	0	0.0	0	0.0	152	37.3
	(6/30,7/2)		F	0	0.0	0	0.0	56	13.7	0	0.0	64	15.7	0	0.0	120	29.4	0	0.0	16	3.9	0	0.0	0	0.0	0	0.0	256	62.7
			Subtotal	0	0.0	0	0.0	96	23.5	0	0.0	128	31.4	0	0.0	160	39.2	0	0.0	24	5.9	0	0.0	0	0.0	0	0.0	408	100.0
	(7/5,7,9,12,14,	0	M																										
	16,19,21,23,26,28,		F																										
	30,8/2,4,6,9,13,16,		Subtotal																									1,142	
	18,23,26,28,9/1,3)																												
	Season	152	M																										
			F																										
			Total																									2,117	
1994 [c]	6/27	86	M	0	0.0	0	0.0	59	15.1	0	0.0	90	23.3	0	0.0	59	15.1	0	0.0	5	1.2	0	0.0	0	0.0	0	0.0	212	54.7
	(6/27)		F	0	0.0	0	0.0	41	10.5	0	0.0	59	15.1	0	0.0	77	19.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	176	45.3
			Subtotal	0	0.0	0	0.0	99	25.6	0	0.0	149	38.4	0	0.0	135	34.9	0	0.0	5	1.2	0	0.0	0	0.0	0	0.0	388	100.0
	6/30	64	M	0	0.0	0	0.0	6	1.6	0	0.0	44	12.5	0	0.0	87	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	136	39.1
	(6/30)		F	0	0.0	0	0.0	27	7.8	0	0.0	82	23.4	0	0.0	87	25.0	0	0.0	16	4.7	0	0.0	0	0.0	0	0.0	213	60.9
			Subtotal	0	0.0	0	0.0	33	9.4	0	0.0	125	35.9	0	0.0	175	50.0	0	0.0	16	4.7	0	0.0	0	0.0	0	0.0	349	100.0
	(7/4,6,8,11,12,	0	M																										
	14,15,19,21,23,25,		F																										
	27,29,8/2,3,5,8,		Subtotal																									1,833	
	10,12,15,17,19,22,																												
	24,29,9/5,7)																												
	Season	150	M																										
			F																										
			Total																									2,570	
1995 [c]	6/29	196	M	0	0.0	0	0.0	331	36.2	0	0.0	112	12.2	0	0.0	182	19.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	625	68.4
	(6/29)		F	0	0.0	0	0.0	80	8.7	0	0.0	9	1.0	0	0.0	196	21.4	0	0.0	5	0.5	0	0.0	0	0.0	0	0.0	289	31.6
			Total	0	0.0	0	0.0	410	44.9	0	0.0	121	13.2	0	0.0	378	41.3	0	0.0	5	0.5	0	0.0	0	0.0	0	0.0	914	100.0

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

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	(7/3,5,7,8,11, 13-14,17-18,20-21, 24,26,28,31,8/2,7, 11,14,16,18,21,25, 28,30,9/1)	0	M																										
			F																										
			Total																									2,008	
	Season	196	M																										
			F																										
			Total																									2,922	
1996 [d]	Season	0	M																										
			F																										
			Total																									1,375	
1997	6/27 [e]	218	M	0	0.0	6	0.9	314	47.7	0	0.0	103	15.6	0	0.0	69	10.5	0	0.0	3	0.5	0	0.0	0	0.0	0	0.0	495	75.2
	(6/27,30)		F	0	0.0	0	0.0	0	0.0	0	0.0	21	3.2	0	0.0	142	21.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	163	24.8
			Subtotal	0	0.0	6	0.9	314	47.7	0	0.0	124	18.8	0	0.0	211	32.1	0	0.0	3	0.5	0	0.0	0	0.0	0	0.0	658	100.0
	7/4 [e]	141	M	0	0.0	4	0.7	274	44.7	0	0.0	30	5.0	0	0.0	61	9.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	370	60.3
	(7/2,4,7)		F	0	0.0	0	0.0	0	0.0	0	0.0	9	1.4	0	0.0	222	36.2	0	0.0	13	2.1	0	0.0	0	0.0	0	0.0	244	39.7
			Subtotal	0	0.0	4	0.7	274	44.7	0	0.0	39	6.4	0	0.0	283	46.1	0	0.0	13	2.1	0	0.0	0	0.0	0	0.0	614	100.0
	7/11 [f]	59	M	0	0.0	7	1.7	141	33.9	0	0.0	35	8.5	0	0.0	63	15.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	246	59.3
	(7/9,11,14)		F	0	0.0	0	0.0	42	10.2	0	0.0	7	1.7	0	0.0	120	28.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	169	40.7
			Subtotal	0	0.0	7	1.7	183	44.1	0	0.0	42	10.2	0	0.0	183	44.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	415	100.0
	7/18, 25 [e]	53	M	0	0.0	0	0.0	179	50.9	0	0.0	46	13.2	0	0.0	40	11.3	0	0.0	7	1.9	0	0.0	0	0.0	0	0.0	272	77.4
	(7/16,18,21,23,25, 28,8/1,4,8,11,15, 20,25)		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	73	20.8	0	0.0	6	1.9	0	0.0	0	0.0	0	0.0	80	22.6
			Subtotal	0	0.0	0	0.0	179	50.9	0	0.0	46	13.2	0	0.0	113	32.1	0	0.0	13	3.8	0	0.0	0	0.0	0	0.0	352	100.0
	Season	471	M	0	0.0	17	0.9	908	44.5	0	0.0	215	10.5	0	0.0	233	11.5	0	0.0	9	0.5	0	0.0	0	0.0	0	0.0	1,384	67.9
			F	0	0.0	0	0.0	42	2.1	0	0.0	37	1.8	0	0.0	557	27.3	0	0.0	20	0.9	0	0.0	0	0.0	0	0.0	655	32.1
			Total	0	0.0	17	0.9	950	46.6	0	0.0	252	12.3	0	0.0	790	38.8	0	0.0	29	1.4	0	0.0	0	0.0	0	0.0	2,039	100.0
1998	6/30 [e]	189	M	0	0.0	11	0.5	221	11.1	0	0.0	1,073	54.0	0	0.0	221	11.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,526	76.7
	(6/30,7/3)		F	0	0.0	0	0.0	0	0.0	0	0.0	221	11.1	0	0.0	232	11.7	0	0.0	11	0.5	0	0.0	0	0.0	0	0.0	463	23.3
			Subtotal	0	0.0	11	0.5	221	11.1	0	0.0	1,294	65.1	0	0.0	453	22.8	0	0.0	11	0.5	0	0.0	0	0.0	0	0.0	1,989	100.0
	7/6 [e]	190	M	0	0.0	8	1.1	160	20.0	0	0.0	424	53.2	0	0.0	38	4.7	0	0.0	4	0.6	0	0.0	0	0.0	0	0.0	634	79.5
	(7/6,8)		F	0	0.0	0	0.0	0	0.0	0	0.0	80	10.0	0	0.0	80	10.0	0	0.0	4	0.5	0	0.0	0	0.0	0	0.0	164	20.5
			Subtotal	0	0.0	8	1.1	160	20.0	0	0.0	504	63.2	0	0.0	118	14.7	0	0.0	8	1.1	0	0.0	0	0.0	0	0.0	798	100.0
	7/13,25	25	M	0	0.0	36	4.0	213	24.0	0	0.0	178	20.0	0	0.0	107	12.0	0	0.0	36	4.0	0	0.0	0	0.0	0	0.0	568	64.0
	(7/10,13,15,17, 20,22,24,27,29,31, 8/3,5,7,10,12,14,18 21,24,26,28,31,9/2,4)		F	0	0.0	0	0.0	0	0.0	0	0.0	142	16.0	0	0.0	142	16.0	0	0.0	35	4.0	0	0.0	0	0.0	0	0.0	320	36.0
			Subtotal	0	0.0	36	4.0	213	24.0	0	0.0	320	36.0	0	0.0	249	28.0	0	0.0	71	8.0	0	0.0	0	0.0	0	0.0	888	100.0
	Season	404	M	0	0.0	54	1.5	594	16.2	0	0.0	1,675	45.6	0	0.0	365	10.0	0	0.0	40	1.1	0	0.0	0	0.0	0	0.0	2,728	74.2
			F	0	0.0	0	0.0	0	0.0	0	0.0	443	12.0	0	0.0	454	12.3	0	0.0	50	1.3	0	0.0	0	0.0	0	0.0	947	25.8
			Total	0	0.0	54	1.5	594	16.2	0	0.0	2,118	57.6	0	0.0	819	22.3	0	0.0	90	2.4	0	0.0	0	0.0	0	0.0	3,675	100.0

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

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
1999 [c]	(7/2)	0	M																										
			F																										
			Total																									672	
	7/7 [e]	102	M	0	0.0	0	0.0	135	38.2	0	0.0	35	9.8	0	0.0	55	15.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	224	63.7
	(7/7)		F	0	0.0	0	0.0	0	0.0	0	0.0	10	2.9	0	0.0	114	32.3	0	0.0	3	1.0	0	0.0	0	0.0	0	0.0	128	36.3
			Subtotal	0	0.0	0	0.0	135	38.2	0	0.0	45	12.7	0	0.0	169	48.0	0	0.0	3	1.0	0	0.0	0	0.0	0	0.0	352	100.0
	7/9	147	M	0	0.0	0	0.0	56	22.4	0	0.0	15	6.1	0	0.0	49	19.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	120	48.3
	(7/9)		F	0	0.0	0	0.0	10	4.1	0	0.0	19	7.5	0	0.0	96	38.8	0	0.0	3	1.4	0	0.0	0	0.0	0	0.0	128	51.7
			Subtotal	0	0.0	0	0.0	66	26.5	0	0.0	34	13.6	0	0.0	145	58.5	0	0.0	3	1.4	0	0.0	0	0.0	0	0.0	248	100.0
	7/12 [e]	63	M	0	0.0	0	0.0	176	28.6	0	0.0	78	12.7	0	0.0	68	11.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	323	52.4
	(7/12,14,16,19,21,		F	0	0.0	0	0.0	0	0.0	0	0.0	30	4.8	0	0.0	264	42.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	293	47.6
	23,26,28,30,8/2,4,		Subtotal	0	0.0	0	0.0	176	28.6	0	0.0	108	17.5	0	0.0	332	54.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	616	100.0
	6,11,16,18,25)																												
	Season	312	M																										
			F																										
			Total																									1,888	
2000 [e]	6/26	204	M	0	0.0	0	0.0	609	19.6	0	0.0	715	23.0	0	0.0	61	2.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,385	44.6
	(6/26, 29)		F	0	0.0	0	0.0	30	1.0	0	0.0	1,233	39.7	0	0.0	411	13.2	0	0.0	46	1.5	0	0.0	0	0.0	0	0.0	1,719	55.4
			Total	0	0.0	0	0.0	639	20.6	0	0.0	1,948	62.7	0	0.0	472	15.2	0	0.0	46	1.5	0	0.0	0	0.0	0	0.0	3,104	100.0
	7/3	135	M	0	0.0	0	0.0	88	14.8	0	0.0	247	41.5	0	0.0	79	13.3	0	0.0	5	0.8	0	0.0	0	0.0	0	0.0	419	70.4
	(7/3, 6)		F	0	0.0	0	0.0	0	0.0	0	0.0	79	13.3	0	0.0	93	15.6	0	0.0	4	0.7	0	0.0	0	0.0	0	0.0	176	29.6
			Subtotal	0	0.0	0	0.0	88	14.8	0	0.0	326	54.8	0	0.0	172	28.9	0	0.0	9	1.5	0	0.0	0	0.0	0	0.0	595	100.0
	7/11	37	M	0	0.0	0	0.0	181	24.3	0	0.0	140	18.9	0	0.0	0	0.0	0	0.0	20	2.7	0	0.0	0	0.0	0	0.0	341	45.9
	(7/8-24)		F	0	0.0	0	0.0	0	0.0	0	0.0	181	24.3	0	0.0	221	29.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	402	54.1
			Subtotal	0	0.0	0	0.0	181	24.3	0	0.0	321	43.2	0	0.0	221	29.7	0	0.0	20	2.7	0	0.0	0	0.0	0	0.0	743	100.0
	Season	376	M	0	0.0	0	0.0	878	19.7	0	0.0	1,102	24.8	0	0.0	140	3.2	0	0.0	25	0.6	0	0.0	0	0.0	0	0.0	2,145	48.3
			F	0	0.0	0	0.0	30	0.7	0	0.0	1,493	33.6	0	0.0	724	16.3	0	0.0	50	1.1	0	0.0	0	0.0	0	0.0	2,297	51.7
			Total	0	0.0	0	0.0	908	20.4	0	0.0	2,595	58.4	0	0.0	864	19.5	0	0.0	75	1.7	0	0.0	0	0.0	0	0.0	4,442	100.0
2001 [e]	6/29	112	M	0	0.0	0	0.0	73	7.1	0	0.0	119	11.6	0	0.0	237	23.2	0	0.0	9	0.9	0	0.0	0	0.0	0	0.0	438	42.9
	(6/29)		F	0	0.0	0	0.0	37	3.6	0	0.0	155	15.2	0	0.0	374	36.6	0	0.0	18	1.8	0	0.0	0	0.0	0	0.0	584	57.1
			Total	0	0.0	0	0.0	110	10.7	0	0.0	274	26.8	0	0.0	611	59.8	0	0.0	27	2.7	0	0.0	0	0.0	0	0.0	1,022	100.0
	7/6,10	60	M	0	0.0	0	0.0	46	16.7	0	0.0	19	6.7	0	0.0	23	8.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	88	31.7
	(7/6,10)		F	0	0.0	0	0.0	0	0.0	0	0.0	14	5.0	0	0.0	177	63.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	191	68.3
			Subtotal	0	0.0	0	0.0	46	16.7	0	0.0	33	11.7	0	0.0	200	71.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	279	100.0
	7/13,20	90	M	0	0.0	2	1.1	34	15.6	0	0.0	22	10.0	0	0.0	22	10.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	80	36.7
	(7/13-8/24)		F	0	0.0	0	0.0	0	0.0	0	0.0	12	5.6	0	0.0	126	57.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	138	63.3
			Subtotal	0	0.0	2	1.1	34	15.6	0	0.0	34	15.6	0	0.0	148	67.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	218	100.0
	Season	262	M	0	0.0	2	0.2	153	10.1	0	0.0	159	10.5	0	0.0	282	18.6	0	0.0	9	0.6	0	0.0	0	0.0	0	0.0	606	39.9
			F	0	0.0	0	0.0	37	2.4	0	0.0	181	11.9	0	0.0	677	44.5	0	0.0	18	1.2	0	0.0	0	0.0	0	0.0	913	60.1
			Total	0	0.0	2	0.2	190	12.5	0	0.0	340	22.4	0	0.0	959	63.1	0	0.0	27	1.8	0	0.0	0	0.0	0	0.0	1,519	100.0

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

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
2002 [e]	6/27	75	M	0	0.0	8	1.3	280	48.0	0	0.0	156	26.7	0	0.0	54	9.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	498	85.3
	(6/27)		F	0	0.0	0	0.0	0	0.0	0	0.0	31	5.3	0	0.0	47	8.0	0	0.0	8	1.3	0	0.0	0	0.0	0	0.0	86	14.7
			Subtotal	0	0.0	8	1.3	280	48.0	0	0.0	187	32.0	0	0.0	101	17.3	0	0.0	8	1.3	0	0.0	0	0.0	0	0.0	584	100.0
	7/5	54	M	0	0.0	0	0.0	60	24.1	0	0.0	42	16.7	0	0.0	51	20.4	0	0.0	5	1.9	0	0.0	0	0.0	0	0.0	158	63.0
	(7/1,5)		F	0	0.0	0	0.0	0	0.0	0	0.0	4	1.8	0	0.0	88	35.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	93	37.0
			Subtotal	0	0.0	0	0.0	60	24.1	0	0.0	46	18.5	0	0.0	139	55.6	0	0.0	5	1.9	0	0.0	0	0.0	0	0.0	251	100.0
	7/10	35	M	0	0.0	0	0.0	33	22.9	0	0.0	66	45.7	0	0.0	8	5.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	107	74.3
	(7/10,12,8/1,7,		F	0	0.0	0	0.0	0	0.0	0	0.0	8	5.7	0	0.0	25	17.2	0	0.0	4	2.9	0	0.0	0	0.0	0	0.0	37	25.7
	10,15,17,20,24)		Subtotal	0	0.0	0	0.0	33	22.9	0	0.0	74	51.4	0	0.0	33	22.9	0	0.0	4	2.9	0	0.0	0	0.0	0	0.0	144	100.0
	Season	164	M	0	0.0	8	0.8	374	38.2	0	0.0	263	26.9	0	0.0	114	11.6	0	0.0	5	0.5	0	0.0	0	0.0	0	0.0	763	78.0
			F	0	0.0	0	0.0	0	0.0	0	0.0	44	4.5	0	0.0	160	16.3	0	0.0	12	1.2	0	0.0	0	0.0	0	0.0	216	22.0
			Total	0	0.0	8	0.8	374	38.2	0	0.0	307	31.4	0	0.0	274	27.9	0	0.0	17	1.7	0	0.0	0	0.0	0	0.0	979	100.0
2003 [e]	7/2	0	M																										
	(6/24,26,30,7/2)		F																										
			Subtotal																									639	
	7/7	90	M	0	0.0	5	2.2	50	21.1	0	0.0	66	27.8	0	0.0	58	24.4	0	0.0	3	1.1	0	0.0	0	0.0	0	0.0	182	76.7
	(7/4,7)		F	0	0.0	0	0.0	0	0.0	0	0.0	13	5.5	0	0.0	39	16.7	0	0.0	2	1.1	0	0.0	0	0.0	0	0.0	55	23.3
			Subtotal	0	0.0	5	2.2	50	21.1	0	0.0	79	33.3	0	0.0	97	41.1	0	0.0	5	2.2	0	0.0	0	0.0	0	0.0	237	100.0
	7/10	52	M	0	0.0	0	0.0	155	28.8	0	0.0	103	19.2	0	0.0	113	21.2	0	0.0	11	1.9	0	0.0	0	0.0	0	0.0	381	71.2
	(7/9,11,14,16,18,		F	0	0.0	0	0.0	0	0.0	0	0.0	41	7.7	0	0.0	103	19.2	0	0.0	10	1.9	0	0.0	0	0.0	0	0.0	155	28.8
	8/1,4,6,8,11,13,15,		Subtotal	0	0.0	0	0.0	155	28.8	0	0.0	144	26.9	0	0.0	216	40.4	0	0.0	21	3.8	0	0.0	0	0.0	0	0.0	536	100.0
	18,20,22,25,28)																												
	Season [c]	142	M																										
			F																										
			Total																									1,412	
2004 [e]	6/29	67	M	0	0.0	0	0.0	924	62.7	0	0.0	242	16.4	0	0.0	110	7.5	0	0.0	22	1.5	0	0.0	0	0.0	0	0.0	1,298	88.1
	(6/24,29,7/1)		F	0	0.0	0	0.0	0	0.0	0	0.0	22	1.5	0	0.0	132	8.9	0	0.0	22	1.5	0	0.0	0	0.0	0	0.0	176	11.9
			Subtotal	0	0.0	0	0.0	924	62.7	0	0.0	264	17.9	0	0.0	242	16.4	0	0.0	44	3.0	0	0.0	0	0.0	0	0.0	1,474	100.0
	7/7	62	M	0	0.0	0	0.0	440	40.3	0	0.0	370	33.9	0	0.0	88	8.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	897	82.3
	(7/5-8/27)		F	0	0.0	0	0.0	0	0.0	0	0.0	35	3.2	0	0.0	88	8.0	0	0.0	70	6.5	0	0.0	0	0.0	0	0.0	194	17.7
			Subtotal	0	0.0	0	0.0	440	40.3	0	0.0	405	37.1	0	0.0	176	16.1	0	0.0	70	6.5	0	0.0	0	0.0	0	0.0	1,091	100.0
	Season [c]	129	M		0.0		0.0		53.2		0.0		23.9		0.0		7.7		0.0		0.9		0.0		0.0		0.0		
			F		0.0		0.0		0.0		0.0		2.2		0.0		8.6		0.0		3.6		0.0		0.0		0.0		
			Total		0.0		0.0		53.2		0.0		26.1		0.0		16.3		0.0		4.5		0.0		0.0		0.0	2,565	
2005 [e]	6/23	101	M	0	0.0	11	1.0	380	35.6	0	0.0	516	48.5	0	0.0	74	6.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	981	92.1
	(6/21,23)		F	0	0.0	0	0.0	0	0.0	0	0.0	74	6.9	0	0.0	10	1.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	84	7.9
			Subtotal	0	0.0	11	1.0	380	35.6	0	0.0	590	55.4	0	0.0	84	7.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1,065	100.0
	6/28	107	M	0	0.0	0	0.0	93	20.6	0	0.0	233	51.4	0	0.0	47	10.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	373	82.2
	(6/28-8/30)		F	0	0.0	0	0.0	0	0.0	0	0.0	47	10.3	0	0.0	34	7.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	81	17.8
			Subtotal	0	0.0	0	0.0	93	20.6	0	0.0	280	61.7	0	0.0	81	17.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	454	100.0

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

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
	7/7-8/30	0	M																										
			F																										
			Subtotal																									516	
	Season [c]	208	M																										
			F																										
			Total																									2,035	
2006 [e]	6/22,7/10	182	M		0.0		0.0		32.4		0.0		39.6		0.0		8.8		0.0		1.6		0.0		0.0		0.0		82.4
	(6/22-9/1)		F		0.0		0.0		0.6		0.0		5.5		0.0		11.5		0.0		0.0		0.0		0.0		0.0		17.6
	Season [c]		Total		0.0		0.0		33.0		0.0		45.1		0.0		20.3		0.0		1.6		0.0		0.0		0.0	2,892	100.0
	Grand	2,075	M	0	0.0	107	0.5	4,962	21.5	0	0.0	5,761	25.0	40	0.2	2,200	9.5	0	0.0	149	0.6	0	0.0	0	0.0	0	0.0	13,223	57.3
	Total [g]		F	0	0.0	0	0.0	463	2.0	0	0.0	4,408	19.1	0	0.0	4,623	20.1	0	0.0	276	1.2	59	0.3	0	0.0	4	0.0	9,833	42.7
			Total	0	0.0	83	0.4	5,425	23.5	0	0.0	10,169	44.1	40	0.2	6,824	29.6	0	0.0	425	1.8	59	0.3	0	0.0	4	0.0	23,055	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] No sample data is available for the 1996 season.

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

[f] Sex of some fish was confirmed by visual inspection of gonads.

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

Appendix B.6. Mean length (mm) of chinook salmon from the District 5 commercial fishery.[a] (page 1 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1995[b]	6/29	M	Mean Length			542		716		839					
	(6/29)		Std. Error			6		11		12					
			Range			447- 695		612- 842		625- 957					
			Sample Size	0	0	88	0	24	0	39	0	0	0	0	0
		F	Mean Length			553		782		860		899			
			Std. Error			12		19		8		-			
			Range			456- 639		763- 800		672- 931		899- 899			
			Sample Size	0	0	17	0	2	0	42	0	1	0	0	0
1996			No data is available for the 1996 season.												
1997	6/27 [c]	M	Mean Length		410	578		702		849		1000			
	(6/27,30)		Std. Error		55	5		8		16		-			
			Range		355- 464	473- 711		575- 785		623- 963		1000-1000			
			Sample Size	0	2	104	0	34	0	23	0	1	0	0	0
		F	Mean Length					791		873					
			Std. Error					28		7					
			Range					657- 878		664- 952					
			Sample Size	0	0	0	0	7	0	47	0	0	0	0	0
	7/4 [c]	M	Mean Length		450	581		735		913					
	(7/2,4,7)		Std. Error		-	6		29		19					
			Range		450- 450	483- 698		605- 840		798-1030					
			Sample Size	0	1	63	0	7	0	14	0	0	0	0	0
		F	Mean Length					791		884		911			
			Std. Error					60		6		37			
			Range					731- 850		800- 970		853- 980			
			Sample Size	0	0	0	0	2	0	51	0	3	0	0	0
	7/11 [d]	M	Mean Length		325	578		723		882					
	(7/9,11,14)		Std. Error		-	10		25		26					
			Range		325- 325	475- 665		650- 780		785-1030					
			Sample Size	0	1	20	0	5	0	9	0	0	0	0	0
		F	Mean Length			552		810		844					
			Std. Error			20		-		17					
			Range			505- 630		810- 810		620- 915					
			Sample Size	0	0	6	0	1	0	17	0	0	0	0	0

Appendix B.6. Mean length (mm) of chinook salmon from the District 5 commercial fishery.[a] (page 2 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/18,25 [c]	M	Mean Length			579		749		902		965			
	(7/16,18,21,23,		Std. Error			10		30		46		-			
	25,28,8/1,4,8,		Range			510- 695		654- 852		720- 993		965- 965			
	11,15,20,25)		Sample Size	0	0	27	0	7	0	6	0	1	0	0	0
		F	Mean Length							884		845			
			Std. Error							13		-			
			Range							810- 955		845- 845			
			Sample Size	0	0	0	0	0	0	11	0	1	0	0	0
	Season	M	Mean Length		386	579		720		884		976			
			Range		325- 464	473- 711		575- 852		623-1030		965-1000			
			Sample Size	0	4	214	0	53	0	52	0	2	0	0	0
		F	Mean Length			552		795		872		889			
			Range			505- 630		657- 878		620- 970		845- 980			
			Sample Size	0	0	6	0	10	0	126	0	4	0	0	0
1998	6/30 [c]	M	Mean Length		381	553		715		856					
	(6/30,7/3)		Std. Error		-	10		6		16					
			Range		381- 381	471- 666		539- 876		708- 990					
			Sample Size	0	1	21	0	102	0	21	0	0	0	0	0
		F	Mean Length					793		852		923			
			Std. Error					9		9		-			
			Range					713- 867		780- 934		923- 923			
			Sample Size	0	0	0	0	21	0	22	0	1	0	0	0
	7/6 [c]	M	Mean Length		385	534		716		825		935			
	(7/6,8)		Std. Error		5	6		5		19		-			
			Range		380- 390	455- 628		585- 854		718- 895		935- 935			
			Sample Size	0	2	38	0	101	0	9	0	1	0	0	0
		F	Mean Length					774		850		819			
			Std. Error					17		12		-			
			Range					659- 995		727- 945		819- 819			
			Sample Size	0	0	0	0	19	0	19	0	1	0	0	0

Appendix B.6. Mean length (mm) of chinook salmon from the District 5 commercial fishery.[a] (page 3 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/13, 25	M	Mean Length		413	568		727		903		945			
	(7/10,13,15,17,		Std. Error		-	16		33		34		-			
	20,22,24,27,29,		Range		413- 413	505- 620		643- 836		855- 970		945- 945			
	31,8/3,5,7,10,12		Sample Size	0	1	6	0	5	0	3	0	1	0	0	0
	14,18,21,24,26,														
	28,31,9/2,4)	F	Mean Length					762		820		865			
			Std. Error					44		23		-			
			Range					658- 840		780- 880		865- 865			
			Sample Size	0	0	0	0	4	0	4	0	1	0	0	0
	Season	M	Mean Length		402	553		716		866		944			
			Range		380- 413	455- 666		539- 876		708- 990		935- 945			
			Sample Size	0	4	65	0	208	0	33	0	2	0	0	0
		F	Mean Length					780		842		873			
			Range					658- 995		727- 945		819- 923			
			Sample Size	0	0	0	0	44	0	45	0	3	0	0	0
1999[b]	7/7 [c]	M	Mean Length			530		715		814					
	(7/7)		Std. Error			6		26		23					
			Range			440- 588		569- 830		685- 950					
			Sample Size	0	0	39	0	10	0	16	0	0	0	0	0
		F	Mean Length					791		859		910			
			Std. Error					37		10		-			
			Range					753- 864		729- 965		910- 910			
			Sample Size	0	0	0	0	3	0	33	0	1	0	0	0
	7/9	M	Mean Length			526		685		853					
	(7/9)		Std. Error			7		34		17					
			Range			465- 621		559- 811		669-1038					
			Sample Size	0	0	33	0	9	0	29	0	0	0	0	0
		F	Mean Length			545		738		859		839			
			Std. Error			10		24		10		23			
			Range			509- 573		621- 864		554-1037		816- 861			
			Sample Size	0	0	6	0	11	0	57	0	2	0	0	0

Appendix B.6. Mean length (mm) of chinook salmon from the District 5 commercial fishery.[a] (page 4 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	7/12 [c]	M	Mean Length			536		698		888					
	(7/12,14,16,19,		Std. Error			14		14		58					
	21,23,26,28,30,		Range			430- 639		632- 768		655-1068					
	8/2,4,6,11,16,18,25)		Sample Size	0	0	18	0	8	0	7	0	0	0	0	0
		F	Mean Length					805		873					
			Std. Error					15		10					
			Range					776- 828		749- 963					
			Sample Size	0	0	0	0	3	0	27	0	0	0	0	0
2000	6/26	M	Mean Length			522		646		728					
	(6/26)		Std. Error			7		7		67					
			Range			454-633		562-820		642-928					
			Sample Size	0	0	40	0	47	0	4	0	0	0	0	0
		F	Mean Length			668		737		839		883			
			Std. Error			113		6		10		26			
			Range			555-781		616-902		707-927		834-923			
			Sample Size	0	0	2	0	81	0	27	0	3	0	0	0
	7/3	M	Mean Length			516		714		854		925			
	(7/3,6)		Std. Error			12		8		23		-			
			Range			385-620		575-850		645-1020		925-925			
			Sample Size	0	0	20	0	56	0	18	0	1	0	0	0
		F	Mean Length					774		855		910			
			Std. Error					11		10		-			
			Range					725-870		790-980		910-910			
			Sample Size	0	0	0	0	18	0	21	0	1	0	0	0
	7/11	M	Mean Length			548		707				967			
	(7/8-24)		Std. Error			12		13				-			
			Range			505-624		654-749				967-967			
			Sample Size	0	0	9	0	7	0	0	0	1	0	0	0
		F	Mean Length					779		876					
			Std. Error					17		17					
			Range					694-873		776-955					
			Sample Size	0	0	0	0	9	0	11	0	0	0	0	0

Appendix B.6. Mean length (mm) of chinook salmon from the District 5 commercial fishery.[a] (page 5 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length			526		669		799		959			
			Range			385-633		562-850		642-1020		925-967			
			Sample Size	0	0	69	0	110	0	22	0	2	0	0	0
		F	Mean Length			688		744		853		885			
			Range			555-781		616-902		707-980		834-923			
			Sample Size	0	0	2	0	108	0	59	0	4	0	0	0
2001	6/29 (6/29)	M	Mean Length			489		705		810		785			
			Std. Error			10		24		24		-			
			Range			435- 520	0	470- 825		480-1010		785- 785			
			Sample Size	0	0	8		13	0	26	0	1	0	0	0
		F	Mean Length			664		722		840		940			
			Std. Error			64		13		11		20			
			Range			580- 850		665- 825		635- 970		920- 960			
			Sample Size	0	0	4	0	17	0	41	0	2	0	0	0
	7/6, 10 (7/6,10)	M	Mean Length			520		702		897					
			Std. Error			13		28		19					
			Range			460- 595		650- 757		830- 934					
			Sample Size	0	0	10	0	4	0	5	0	0	0	0	0
		F	Mean Length					826		861					
			Std. Error					18		10					
			Range					790- 847		753-1031					
			Sample Size	0	0	0	0	3	0	38	0	0	0	0	0
	7/13,20 (7/13-8/24)	M	Mean Length		383	512		664		862					
			Std. Error		-	15		18		26					
			Range		383- 383	429- 604		595- 766		752- 962					
			Sample Size	0	1	14	0	9	0	9	0	0	0	0	0
		F	Mean Length					782		878					
			Std. Error					27		6					
			Range					715- 850		772- 975					
			Sample Size	0	0	0	0	5	0	52	0	0	0	0	0

Appendix B.6. Mean length (mm) of chinook salmon from the District 5 commercial fishery.[a] (page 6 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		383	504		699		821		785			
			Range		383- 383	429- 604		470- 825		480-1010		785- 785			
			Sample Size	0	1	32	0	26	0	40	0	1	0	0	0
		F	Mean Length			664		734		853		940			
			Range			580- 850		665- 850		635-1031		920- 960			
			Sample Size	0	0	4	0	25	0	131	0	2	0	0	0
2002	6/27 (6/27)	M	Mean Length		445	549		671		830					
			Std. Error		-	6		13		31					
			Range		445- 445	474- 605		562- 808		682- 936					
			Sample Size	0	1	36	0	20	0	7		0	0	0	0
		F	Mean Length					740		860		820			
			Std. Error					26		11		-			
			Range					667- 778		825- 905		820- 820			
			Sample Size	0	0	0	0	4	0	6		1	0	0	0
	7/5 (7/1,5)	M	Mean Length			539		674		787		900			
			Std. Error			9		29		23		-			
			Range			469- 586		589- 871		664- 920		900- 900			
			Sample Size	0	0	13	0	9	0	11		1	0	0	0
		F	Mean Length					843		837					
			Std. Error					-		8					
			Range					843- 843		778- 885					
			Sample Size	0	0	0	0	1	0	19		0	0	0	0
	7/10 (7/10,12,8/1,7, 10,15,17,20,24)	M	Mean Length			518		659		909					
			Std. Error			26		18		15					
			Range			435- 649		522- 758		894- 924					
			Sample Size	0	0	8	0	16	0	2		0	0	0	0
		F	Mean Length					705		814		821			
			Std. Error					25		16		-			
			Range					680- 730		774- 870		821- 821			
			Sample Size	0	0	0	0	2	0	6		1	0	0	0

Appendix B.6. Mean length (mm) of chinook salmon from the District 5 commercial fishery.[a] (page 7 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Season	M	Mean Length		445	544		668		817		900			
			Range		445- 445	435- 649		522- 871		664- 936		900- 900			
			Sample Size	0	1	57	0	45	0	20		1	0	0	0
		F	Mean Length					744				820			
			Range					667- 843				820- 821			
			Sample Size	0	0	0	0	7	0	0		2	0	0	0
2003 [c]	7/2 (6/24,26,30,7/2)	M	Mean Length												
			Std. Error												
			Range												
			Sample Size	0	0	0	0	0	0	0	0	0	0	0	0
		F	Mean Length												
			Std. Error												
			Range												
			Sample Size	0	0	0	0	0	0	0	0	0	0	0	0
	7/7 (7/4,7)	M	Mean Length		423	576		732		805		1050			
			Std. Error		23	18		16		18		-			
			Range		400- 445	480- 850		555- 875		625- 945		1050-1050			
			Sample Size	0	2	19	0	25	0	22	0	1	0	0	0
		F	Mean Length					796		848		970			
			Std. Error					12		11		-			
			Range					765- 835		775- 930		970- 970			
			Sample Size	0	0	0	0	5	0	15	0	1	0	0	0
	7/10 (7/9,11,14,16,18, 8/1,4,6,8,11,13,15, 18,20,22,25,28)	M	Mean Length			553		699		859		940			
			Std. Error			11		29		31		-			
			Range			460- 605		555- 860		730-1050		940- 940			
			Sample Size	0	0	15	0	10	0	11	0	1	0	0	0
		F	Mean Length					839		881		970			
			Std. Error					20		22		-			
			Range					795- 890		790-1030		970- 970			
			Sample Size	0	0	0	0	4	0	10	0	1	0	0	0
	Season [b]	M	Mean Length		423	566		722		824		993			
			Range		400- 445	460- 850		555- 875		625-1050		940-1050			
			Sample Size	0	2	34	0	35	0	33	0	2	0	0	0
		F	Mean Length					816		862		970			
			Range					765- 890		775-1030		970- 970			
			Sample Size	0	0	0	0	9	0	25	0	2	0	0	0

Appendix B.6. Mean length (mm) of chinook salmon from the District 5 commercial fishery.[a] (page 8 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2004 [c]	6/29 (6/24,29,7/1)	M	Mean Length			574		687		753		908			
			Std. Error			8		16		19		-			
			Range			481- 666		594- 760		690- 810		908- 908			
			Sample Size	0	0	42	0	11	0	5	0	1	0	0	0
		F	Mean Length					717		835		839			
			Std. Error					-		30		-			
			Range					717- 717		720- 905		839- 839			
			Sample Size	0	0	0	0	1	0	6	0	1	0	0	0
	7/7 (7/5-8/27)	M	Mean Length			560		690		788					
			Std. Error			9		18		20					
			Range			490- 680		540- 835		725- 835					
			Sample Size	0	0	25	0	21	0	5	0	0	0	0	0
		F	Mean Length					768		857		813			
			Std. Error					18		22		25			
			Range					750- 785		780- 900		770- 880			
			Sample Size	0	0	0	0	2	0	5	0	4	0	0	0
	Season [b]	M	Mean Length			570		689		769		908			
			Range			481- 680		540- 835		690- 835		908- 908			
			Sample Size	0	0	67	0	32	0	10	0	1	0	0	0
		F	Mean Length					748		844		819			
			Range					717- 785		720- 905		770- 880			
			Sample Size	0	0	0	0	3	0	11	0	5	0	0	0
2005 [c]	6/23 (6/21,23)	M	Mean Length		400	557		713		803					
			Std. Error		-	7		9		41					
			Range		400- 400	466- 636		588- 856		669-1011					
			Sample Size	0	1	36	0	49	0	7	0	0	0	0	0
		F	Mean Length					772		715					
			Std. Error					13		-					
			Range					738- 835		715- 715					
			Sample Size	0	0	0	0	7	0	1	0	0	0	0	0

Appendix B.6. Mean length (mm) of chinook salmon from the District 5 commercial fishery.[a] (page 9 of 9)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/28	M	Mean Length			573		698		803					
	(6/28,7/5)		Std. Error			10		8		35					
			Range			486- 664		523- 864		657-1013					
			Sample Size	0	0	22	0	55	0	11	0	0	0	0	0
		F	Mean Length					766		836					
			Std. Error					12		55					
			Range					695- 824		719-1200					
			Sample Size	0	0	0	0	11	0	8	0	0	0	0	0
	Season [b]	M	Mean Length		400	563		706		803					
			Range		400- 400	466- 664		523- 864		657-1013					
			Sample Size	0	1	58	0	104	0	18	0	0	0	0	0
		F	Mean Length					768		820					
			Range					695- 835		715-1200					
			Sample Size	0	0	0	0	18	0	9	0	0	0	0	0
2006 [c]	6/22,7/10	M	Mean Length			553		689		770		935			
	(6/22-9/1)		Range			451- 695		481- 827		608- 852		891- 975			
			Sample Size	0	0	59	0	72	0	16	0	3	0	0	0
	Season [b]	F	Mean Length			556		750		825					
			Range			556- 556		643- 804		747- 882					
			Sample Size	0	0	1	0	10	0	21	0	0	0	0	0
	Grand Total [e]	M	Mean Length		404	541		694		837		913			
			Range		325- 464	455- 711		539- 876		623-1030		935-1000			
			Sample Size	0	10	437	0	442	0	167	0	8	0	0	0
		F	Mean Length			635		759		855		881			
			Range			505- 650		657- 995		620- 970		819- 980			
			Sample Size	0	0	12	0	194	0	361	0	15	0	0	0

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

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

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

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

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

Appendix B.7. Age and sex of chinook salmon caught in the Bethel test fishery with 13.7 cm (5.4 in) inch mesh drift gillnets. (page 1 of 1)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%
2001	Season	46	M	0	0.0	0	0.0	20	44.0	0	0.0	11	23.9	0	0.0	5	10.9	0	0.0	0	0.0	1	2.2	0	0.0	0	0.0	37	80.4
			F	0	0.0	0	0.0	2	4.0	0	0.0	0	0.0	0	0.0	5	10.8	0	0.0	1	2.2	1	2.1	0	0.0	0	0.0	9	19.6
			Total	0	0.0	0	0.0	22	48.0	0	0.0	11	23.9	0	0.0	10	21.7	0	0.0	1	2.2	2	4.3	0	0.0	0	0.0	46	100.0
2002	Season	126	M	0	0.0	0	0.0	57	45.2	0	0.0	42	33.3	3	2.4	14	11.1	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	117	92.9
			F	0	0.0	0	0.0	0	0.0	0	0.0	1	0.8	0	0.0	8	6.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	7.1
			Total	0	0.0	0	0.0	57	45.2	0	0.0	43	34.1	3	2.4	22	17.5	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	126	100.0
2003	Season	216	M	0	0.0	0	0.0	111	51.4	0	0.0	71	32.8	0	0.0	17	7.8	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	200	92.6
			F	0	0.0	0	0.0	0	0.0	0	0.0	6	2.8	0	0.0	6	2.8	0	0.0	4	1.8	0	0.0	0	0.0	0	0.0	16	7.4
			Total	0	0.0	0	0.0	111	51.4	0	0.0	77	35.6	0	0.0	23	10.6	0	0.0	5	2.3	0	0.0	0	0.0	0	0.0	216	100.0
2004	Season	154	M	0	0.0	0	0.0	76	49.4	0	0.0	61	39.6	0	0.0	6	3.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	144	93.5
			F	0	0.0	0	0.0	0	0.0	0	0.0	1	0.7	1	0.6	8	5.2	0	0.0	1	0.6	0	0.0	0	0.0	0	0.0	10	6.5
			Total	0	0.0	0	0.0	76	49.4	0	0.0	62	40.3	1	0.6	14	9.1	0	0.0	1	0.6	0	0.0	0	0.0	0	0.0	154	100.0
2005	Season	131	M	0	0.0	0	0.0	70	53.4	0	0.0	44	33.6	0	0.0	6	4.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	120	91.6
			F	0	0.0	0	0.0	0	0.0	0	0.0	4	3.0	0	0.0	6	4.6	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	11	8.4
			Total	0	0.0	0	0.0	70	53.4	0	0.0	48	36.6	0	0.0	12	9.2	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	131	100.0
2006	Season	74	M	0	0.0	0	0.0	46	62.2	0	0.0	20	27.0	0	0.0	2	2.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	68	91.9
			F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	6.8	0	0.0	1	1.4	0	0.0	0	0.0	0	0.0	6	8.1
			Total	0	0.0	0	0.0	46	62.2	0	0.0	20	27.0	0	0.0	7	9.5	0	0.0	1	1.4	0	0.0	0	0.0	0	0.0	74	100.0
	Grand Total	747	M	0	0.0	0	0.0	380	50.9	0	0.0	249	33.3	3	0.4	50	6.7	0	0.0	2	0.3	1	0.1	0	0.0	0	0.0	686	91.8
			F	0	0.0	0	0.0	2	0.3	0	0.0	12	1.6	1	0.1	38	5.1	0	0.0	8	1.1	1	0.1	0	0.0	0	0.0	61	8.2
			Total	0	0.0	0	0.0	382	51.1	0	0.0	261	34.9	4	0.5	88	11.8	0	0.0	10	1.3	2	0.3	0	0.0	0	0.0	747	100.0

Appendix B.8. Mean length (mm) of chinook Salmon caught in the Bethel test fishery with 13.7 cm (5.4 in) inch mesh drift gillnets. (page 1 of 2)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2001	Season	M	Mean Length			525		658		812			729		
			Range			430-574		580-730		752-890			729-729		
			Sample Size	0	0	20	0	11	0	5	0	0	1	0	0
		F	Mean Length			515				884		999	915		
			Range			440-590				840-952		999-999	915-915		
			Sample Size	0	0	2	0	0	0	5	0	1	1	0	0
2002	Season	M	Mean Length			554		647	565	780		778			
			Range			470- 639		466- 811	502- 597	695- 943		778- 778			
			Sample Size	0	0	57	0	42	3	14	0	1	0	0	0
		F	Mean Length					653		856					
			Range					653- 653		750- 906					
			Sample Size	0	0	0	0	1	0	8	0	0	0	0	0
2003	Season	M	Mean Length			550		660		813		841			
			Range			425-768		465-860		700-983		841-841			
			Sample Size	0	0	111	0	71	0	17	0	1	0	0	0
		F	Mean Length					786		852		878			
			Range					693-869		816-923		826-936			
			Sample Size	0	0	0	0	6	0	6	0	4	0	0	0
2004	Season	M	Mean Length			580		637	620	840					
			Range			500-698		495-850	620-620	700-988					
			Sample Size	0	0	76	0	61	1	6		0	0	0	0
		F	Mean Length					808		834		887			
			Range					808-808		714-930		887-887			
			Sample Size	0	0	0	0	1	0	8		1	0	0	0
2005	Season	M	Mean Length		#	558	#	658 #		773					
			Range			440- 664		517- 780		705- 893					
			Sample Size	0 0	0	70	0	44	0	6	0	0	0	0	0
		F	Mean Length					664		830		788			
			Range					542- 791		717- 920		788- 788			
			Sample Size	0 0	0 0	0 0	0 4	4 6	0 1	6 0	0	1	0	0	0

Appendix B.8. Mean length (mm) of chinook Salmon caught in the Bethel test fishery with 13.7 cm (5.4 in) inch mesh drift gillnets. (page 2 of 2)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2006	Season	M	Mean Length			553		627		704					
			Range			466- 620		518- 734		662- 745					
			Sample Size	0	0	46	0	20	0	2	0	0	0	0	0
		F	Mean Length							866		867			
			Range							852- 895		867- 867			
			Sample Size	0	0	0	0	0	0	5	0	1	0	0	0
	Grand Total	M	Mean Length			553		648	593	787		810	729		
			Range			425-768		465-860	502-620	695-988		788-841	729-729		
			Sample Size	0	0	380	0	249	4	50	0	2	1	0	0
		F	Mean Length			515		728		854		884	915		
			Range			440-590		542-869		714-952		788-999	915-915		
			Sample Size	0	0	2	0	12	0	38	0	8	1	0	0

Appendix B.9. Age and sex of chinook salmon caught in the Bethel test fishery with 20.3 cm (8.0 in) inch mesh drift gillnets. (page 1 of 1)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class																									
				0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%
2001	Season	29	M	0	0.0	0	0.0	1	3.4	0	0.0	8	27.6	0	0.0	10	34.5	0	0.0	1	3.5	0	0.0	0	0.0	0	0.0	20	69.0
			F	0	0.0	0	0.0	0	0.0	0	0.0	1	3.4	0	0.0	5	17.2	0	0.0	3	10.3	0	0.0	0	0.0	0	0.0	9	31.0
			Total	0	0.0	0	0.0	1	3.4	0	0.0	9	31.0	0	0.0	15	51.7	0	0.0	4	13.8	0	0.0	0	0.0	0	0.0	29	100.0
2002	Season	71	M	0	0.0	0	0.0	5	7.1	0	0.0	20	28.2	0	0.0	24	33.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	49	69.0
			F	0	0.0	0	0.0	1	1.4	0	0.0	2	2.8	0	0.0	19	26.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	22	31.0
			Total	0	0.0	0	0.0	6	8.5	0	0.0	22	31.0	0	0.0	43	60.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	71	100.0
2003	Season	94	M	0	0.0	1	1.1	1	1.1	0	0.0	42	44.7	0	0.0	20	21.3	0	0.0	2	2.1	0	0.0	0	0.0	0	0.0	66	70.2
			F	0	0.0	0	0.0	0	0.0	0	0.0	4	4.2	0	0.0	19	20.2	0	0.0	5	5.3	0	0.0	0	0.0	0	0.0	28	29.8
			Total	0	0.0	1	1.1	1	1.1	0	0.0	46	48.9	0	0.0	39	41.5	0	0.0	7	7.4	0	0.0	0	0.0	0	0.0	94	100.0
2004	Season	168	M	0	0.0	0	0.0	28	16.7	0	0.0	69	41.0	1	0.6	29	17.3	0	0.0	2	1.2	0	0.0	0	0.0	0	0.0	129	76.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	6	3.6	0	0.0	29	17.2	0	0.0	4	2.4	0	0.0	0	0.0	0	0.0	39	23.2
			Total	0	0.0	0	0.0	28	16.7	0	0.0	75	44.6	1	0.6	58	34.5	0	0.0	6	3.6	0	0.0	0	0.0	0	0.0	168	100.0
2005	Season	202	M	0	0.0	0	0.0	14	6.9	0	0.0	77	38.1	0	0.0	33	16.4	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	125	61.9
			F	0	0.0	0	0.0	0	0.0	0	0.0	21	10.4	0	0.0	54	26.7	0	0.0	2	1.0	0	0.0	0	0.0	0	0.0	77	38.1
			Total	0	0.0	0	0.0	14	6.9	0	0.0	98	48.5	0	0.0	87	43.1	0	0.0	3	1.5	0	0.0	0	0.0	0	0.0	202	100.0
2006	Season	171	M	0	0.0	0	0.0	8	4.7	0	0.0	42	24.5	0	0.0	39	22.8	0	0.0	5	2.9	0	0.0	0	0.0	0	0.0	94	55.0
			F	0	0.0	0	0.0	0	0.0	0	0.0	14	8.2	0	0.0	57	33.3	0	0.0	6	3.5	0	0.0	0	0.0	0	0.0	77	45.0
			Total	0	0.0	0	0.0	8	4.7	0	0.0	56	32.7	0	0.0	96	56.1	0	0.0	11	6.4	0	0.0	0	0.0	0	0.0	171	100.0
	Grand Total	735	M	0	0.0	1	0.1	57	7.8	0	0.0	258	35.1	1	0.1	155	21.1	0	0.0	11	1.5	0	0.0	0	0.0	0	0.0	483	65.7
			F	0	0.0	0	0.0	1	0.1	0	0.0	48	6.5	0	0.0	183	24.9	0	0.0	20	2.7	0	0.0	0	0.0	0	0.0	252	34.3
			Total	0	0.0	1	0.1	58	7.9	0	0.0	306	41.6	1	0.1	338	46.0	0	0.0	31	4.2	0	0.0	0	0.0	0	0.0	735	100.0

Appendix B.10. Mean length (mm) of chinook Salmon caught in the Bethel test fishery with 20.3 cm (8.0 in) inch mesh drift gillnets. (page 1 of 2)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2001	Season	M	Mean Length			691		739		776		705			
			Range			691-691		686-815		691-857		705-705			
			Sample Size	0	0	1	0	8	0	10	0	1	0	0	0
		F	Mean Length					845		872		873			
			Range					845-845		810-901		845-898			
			Sample Size	0	0	0	0	1	0	5	0	3	0	0	0
2002	Season	M	Mean Length			622		742		809					
			Range			588-707		693-808		554-1023					
			Sample Size	0	0	5	0	20	0	24	0	0	0	0	0
		F	Mean Length			559		800		838					
			Range			559-559		755-845		748-920					
			Sample Size	0	0	1	0	2	0	19	0	0	0	0	0
2003	Season	M	Mean Length		395	545		738		812		884			
			Range		395-395	545-545		631-832		690-920		825-943			
			Sample Size	0	1	1	0	42	0	20	0	2	0	0	0
		F	Mean Length					819		861		846			
			Range					781-869		729-933		776-893			
			Sample Size	0	0	0	0	4	0	19	0	5	0	0	0
2004	Season	M	Mean Length			621		700	613	805		834			
			Range			517-683		420-790	613-613	620-967		778-890			
			Sample Size	0	0	28	0	69	1	29		2	0	0	0
		F	Mean Length					814		861		819			
			Range					724-893		746-1020		778-890			
			Sample Size	0	0	0	0	6	0	29		4	0	0	0
2005	Season	M	Mean Length		#	599	#	738 #	#	790		781			
			Range			492- 695		619- 867		650- 970		781- 781			
			Sample Size	0 0	0	14	0	77	0	33 0	0	1	0	0	0
		F	Mean Length					791		842		878			
			Range					683- 848		771- 970		860- 895			
			Sample Size	0 0	0	0	0	21	0	54 0	0	2	0	0	0

Appendix B.10. Mean length (mm) of chinook Salmon caught in the Bethel test fishery with 20.3 cm (8.0 in) inch mesh drift gillnets. (page 2 of 2)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2006	Season	M	Mean Length			598		740		844		837			
			Range			549- 659		622- 840		687-1007		751-1000			
			Sample Size	0	0	8	0	42	0	39	0	5	0	0	0
		F	Mean Length					799		879		899			
			Range					734- 890		786-1000		840- 955			
			Sample Size	0	0	0	0	14	0	57	0	6	0	0	0
	Grand Total	M	Mean Length		395	613		733	613	806		808			
			Range		395-395	517-707		420-832	613-613	554-1023		705-943			
			Sample Size	0	1	57	0	258	1	155	0	11	0	0	0
		F	Mean Length			559		811		859		863			
			Range			559-559		724- 893		729-1020		776- 898			
			Sample Size	0	0	1	0	48	0	183	0	20	0	0	0

Appendix B.11. Age and sex of chinook salmon caught in the Bethel test fishery with 13.7 cm (5.4 in) and 20.3 cm (8.0 in) inch mesh drift gillnets. (page 1 of 1)

Year	Sample Dates (Stratum Dates)	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%
2001	Season	75	M	0	0.0	0	0.0	21	28.0	0	0.0	19	25.3	0	0.0	15	20.0	0	0.0	1	1.3	1	1.3	0	0.0	0	0.0	57	76.0
			F	0	0.0	0	0.0	2	2.7	0	0.0	1	1.3	0	0.0	10	13.3	0	0.0	4	5.3	1	1.3	0	0.0	0	0.0	18	24.0
			Total	0	0.0	0	0.0	23	30.7	0	0.0	20	26.7	0	0.0	25	33.3	0	0.0	5	6.7	2	2.7	0	0.0	0	0.0	75	100.0
2002	Season	197	M	0	0.0	0	0.0	62	31.5	0	0.0	62	31.5	3	1.5	38	19.3	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	166	84.3
			F	0	0.0	0	0.0	1	0.5	0	0.0	3	1.5	0	0.0	27	13.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	31	15.7
			Total	0	0.0	0	0.0	63	32.0	0	0.0	65	33.0	3	1.5	65	33.0	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	197	100.0
2003	Season	310	M	0	0.0	1	0.3	112	36.1	0	0.0	113	36.5	0	0.0	37	11.9	0	0.0	3	1.0	0	0.0	0	0.0	0	0.0	266	85.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	10	3.2	0	0.0	25	8.1	0	0.0	9	2.9	0	0.0	0	0.0	0	0.0	44	14.2
			Total	0	0.0	1	0.3	112	36.1	0	0.0	123	39.7	0	0.0	62	20.0	0	0.0	12	3.9	0	0.0	0	0.0	0	0.0	310	100.0
2004	Season	322	M	0	0.0	0	0.0	104	32.3	0	0.0	130	40.4	1	0.3	35	10.9	0	0.0	2	0.6	0	0.0	0	0.0	0	0.0	273	84.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	7	2.2	1	0.3	37	11.5	0	0.0	5	1.6	0	0.0	0	0.0	0	0.0	49	15.2
			Total	0	0.0	0	0.0	104	32.3	0	0.0	137	42.5	2	0.6	72	22.4	0	0.0	7	2.2	0	0.0	0	0.0	0	0.0	322	100.0
2005	Season	333	M	0	0.0	0	0.0	84	25.2	0	0.0	121	36.3	0	0.0	39	11.7	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	245	73.6
			F	0	0.0	0	0.0	0	0.0	0	0.0	25	7.5	0	0.0	60	18.0	0	0.0	3	0.9	0	0.0	0	0.0	0	0.0	88	26.4
			Total	0	0.0	0	0.0	84	25.2	0	0.0	146	43.8	0	0.0	99	29.7	0	0.0	4	1.2	0	0.0	0	0.0	0	0.0	333	100.0
	Grand Total	1,237	M	0	0.0	1	0.1	383	31.0	0	0.0	445	36.0	4	0.3	164	13.3	0	0.0	8	0.6	1	0.1	0	0.0	0	0.0	1,007	81.4
			F	0	0.0	0	0.0	3	0.2	0	0.0	46	3.7	1	0.1	159	12.9	0	0.0	21	1.7	1	0.1	0	0.0	0	0.0	230	18.6
			Total	0	0.0	1	0.1	386	31.2	0	0.0	491	39.7	5	0.4	323	26.1	0	0.0	29	2.3	2	0.2	0	0.0	0	0.0	1,237	100.0

Appendix B.12. Mean length (mm) of chinook Salmon caught in the Bethel test fishery with 13.7 cm (5.4 in) and 20.3 cm (8.0 in) inch mesh drift gillnets. (page 1 of 2)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2001	Season	M	Mean Length			608		699		794		705	729		
			Range			430-691		580-815		691-890		705-705	729-729		
			Sample Size	0	0	21	0	19	0	15	0	1	1	0	0
		F	Mean Length			515		845		878		936	915		
			Range			440-590		845-845		810-952		845-999	915-915		
			Sample Size	0	0	2	0	1	0	10	0	4	1	0	0
2002	Season	M	Mean Length			588		695		795		778			
			Range			470- 707		466- 811		554-1023		705-705			
			Sample Size	0	0	62	0	62	0	38	0	1	0	0	0
		F	Mean Length			559		727		847					
			Range			559- 559		653- 845		748- 920					
			Sample Size	0	0	1	0	3	0	27	0	0	0	0	0
2003	Season	M	Mean Length		395	548		699		813		863			
			Range		395- 395	425- 768		465- 860		690- 983		825- 943			
			Sample Size	0	1	112	0	113	0	37	0	3	0	0	0
		F	Mean Length					803		857		862			
			Range					693- 869		729- 933		776- 936			
			Sample Size	0	0	0	0	10	0	25	0	9	0	0	0
2004	Season	M	Mean Length			601		669	617	823		834			
			Range			500- 698		420- 850	613- 620	620- 988		778- 890			
			Sample Size	0	0	104	0	130	2	35	0	2	0	0	0
		F	Mean Length					811		848		853			
			Range					724- 893		714-1020		778- 890			
			Sample Size	0	0	0	0	7	0	37	0	5	0	0	0
2005	Season	M	Mean Length			565		709		788		781			
			Range			440- 695		517- 867		650- 970		781- 781			
			Sample Size	0	0	84	0	121	0	39	0	1	0	0	0
		F	Mean Length					771		841		848			
			Range					542- 848		717- 970		788- 895			
			Sample Size	0	0	0	0	25	0	60	0	3	0	0	0

Appendix B.12. Mean length (mm) of chinook Salmon caught in the Bethel test fishery with 13.7 cm (5.4 in) and 20.3 cm (8.0 in) inch mesh drift gillnets. (page 2 of 2)

Year	Sample Dates (Stratum Dates)	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	Grand Total	M	Mean Length		395	582		694	617	802		792	729		
			Range		395-395	430-768		420-860	613- 620	554-1023		705-943	729-729		
			Sample Size	0	1	383	0	445	2	164	0	8	1	0	0
		F	Mean Length			537		791		854		875	915		
			Range			440-559		653- 893		714-1020		776-999	915-915		
			Sample Size	0	0	3	0	46	0	159	0	21	1	0	0

Appendix B.13. Age and sex composition for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 1 of 1)

Year	Sample Dates	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
2001	6/9-7/6	38	M	0	0.0	0	0.0	15	39.5	0	0.0	15	39.5	0	0.0	4	10.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	34	89.5
Lower Kuskokwim			F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	7.9	0	0.0	1	2.6	0	0.0	0	0.0	0	0.0	4	10.5
6.0 inch or less mesh			Total	0	0.0	0	0.0	15	39.5	0	0.0	15	39.5	0	0.0	7	18.4	0	0.0	1	2.6	0	0.0	0	0.0	0	0.0	38	100.0
2001	6/9-30	36	M	0	0.0	0	0.0	1	2.8	0	0.0	13	36.1	0	0.0	12	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	26	72.2
Lower Kuskokwim			F	0	0.0	0	0.0	0	0.0	0	0.0	5	13.9	0	0.0	5	13.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	27.8
7.25 - 7.75 inch mesh			Total	0	0.0	0	0.0	1	2.8	0	0.0	18	50.0	0	0.0	17	47.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	36	100.0
2001	6/1-10	197		0	0.0	0	0.0	7	3.6	0	0.0	55	27.9	0	0.0	62	31.5	0	0.0	6	3.1	0	0.0	0	0.0	0	0.0	130	66.0
Lower Kuskokwim				0	0.0	1	0.5	0	0.0	0	0.0	12	6.1	0	0.0	50	25.4	0	0.0	4	2.0	0	0.0	0	0.0	0	0.0	67	34.0
8.0 inch and greater inch mesh				0	0.0	1	0.5	7	3.6	0	0.0	67	34.0	0	0.0	112	56.9	0	0.0	10	5.1	0	0.0	0	0.0	0	0.0	197	100.0
	6/13-17	394	M	0	0.0	0	0.0	12	3.0	0	0.0	104	26.4	0	0.0	146	37.1	0	0.0	7	1.8	1	0.1	0	0.0	0	0.0	270	68.5
			F	0	0.0	0	0.0	0	0.0	0	0.0	13	3.3	0	0.0	105	26.6	0	0.0	6	1.5	0	0.0	0	0.0	0	0.0	124	31.5
			Subtotal	0	0.0	0	0.0	12	3.0	0	0.0	117	29.7	0	0.0	251	63.7	0	0.0	13	3.3	1	0.1	0	0.0	0	0.0	394	100.0
	6/20-23	187	M	0	0.0	0	0.0	2	1.1	0	0.0	32	17.1	0	0.0	59	31.6	0	0.0	7	3.8	0	0.0	0	0.0	0	0.0	100	53.5
			F	0	0.0	0	0.0	1	0.5	0	0.0	8	4.3	0	0.0	72	38.5	0	0.0	6	3.2	0	0.0	0	0.0	0	0.0	87	46.5
			Subtotal	0	0.0	0	0.0	3	1.6	0	0.0	40	21.4	0	0.0	131	70.1	0	0.0	13	7.0	0	0.0	0	0.0	0	0.0	187	100.0
	6/27-30	86	M	0	0.0	0	0.0	1	1.2	0	0.0	16	18.6	0	0.0	32	37.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	49	57.0
			F	0	0.0	0	0.0	0	0.0	0	0.0	3	3.5	0	0.0	32	37.2	0	0.0	2	2.3	0	0.0	0	0.0	0	0.0	37	43.0
			Subtotal	0	0.0	0	0.0	1	1.2	0	0.0	19	22.1	0	0.0	64	74.4	0	0.0	2	2.3	0	0.0	0	0.0	0	0.0	86	100.0
	Season	864	M	0	0.0	0	0.0	22	2.6	0	0.0	207	23.9	0	0.0	299	34.6	0	0.0	20	2.3	1	0.1	0	0.0	0	0.0	549	63.5
			F	0	0.0	1	0.1	1	0.1	0	0.0	36	4.2	0	0.0	259	30.0	0	0.0	18	2.1	0	0.0	0	0.0	0	0.0	315	36.5
			Total	0	0.0	1	0.1	23	2.7	0	0.0	243	28.1	0	0.0	558	64.6	0	0.0	38	4.4	1	0.1	0	0.0	0	0.0	864	100.0
2001	6/13-23	120	M	0	0.0	0	0.0	9	7.5	0	0.0	35	29.2	0	0.0	34	28.3	0	0.0	1	0.9	0	0.0	0	0.0	0	0.0	79	65.8
Middle Kuskokwim			F	0	0.0	0	0.0	1	0.8	0	0.0	9	7.5	0	0.0	24	20.0	0	0.0	7	5.8	0	0.0	0	0.0	0	0.0	41	34.2
			Total	0	0.0	0	0.0	10	8.3	0	0.0	44	36.7	0	0.0	58	48.3	0	0.0	8	6.7	0	0.0	0	0.0	0	0.0	120	100.0
2001	7/7-9	23	M	0	0.0	0	0.0	1	4.3	0	0.0	4	17.4	0	0.0	5	21.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	43.5
Upper Kuskokwim			F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	11	47.8	0	0.0	2	8.7	0	0.0	0	0.0	0	0.0	13	56.5
			Total	0	0.0	0	0.0	1	4.3	0	0.0	4	17.4	0	0.0	16	69.6	0	0.0	2	8.7	0	0.0	0	0.0	0	0.0	23	100.0

Appendix B.14. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 1 of 2)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2001	6/9-7/6	M	Mean Length			528		685		813					
Lower Kuskokwim			Range			458-650		587-805		680-908					
6.0 inch or less mesh size			Sample Size	0	0	15	0	15	0	4	0	0	0	0	0
		F	Mean Length									900			
			Range							837		900-900			
			Sample Size	0	0	0	0	0	0	800-867	0	1	0	0	0
										3					
2001	6/9-30	M	Mean Length			570		713		741					
Lower Kuskokwim			Range			570-570		590-820		570-970					
7.25-7.75 inch mesh size			Sample Size	0	0	1	0	13	0	12	0	0	0	0	0
		F	Mean Length					795		783					
			Range					720-900		660-855					
			Sample Size	0	0	0	0	5	0	5	0	0	0	0	0
2001	6/1-10	M	Mean Length			534		700		791		893			
Lower Kuskokwim			Std. Error			15		8		10		42			
8.0 inch and greater mesh size			Range			490-603		560-840		550-1000		745-1000			
			Sample Size	0	0	7	0	55	0	62	0	6	0	0	0
		F	Mean Length					804		837		911			
			Std. Error					31		8		19			
			Range					640-940		710-935		860-950			
			Sample Size	0	0	0	0	9	0	42	0	4	0	0	0
	6/13-17	M	Mean Length			553		720		800		840			
			Std. Error			17		6		6		28			
			Range			501-650		509-930		635-980		770-970			
			Sample Size	0	0	12	0	104	0	146	0	7	0	0	0
		F	Mean Length					774		848		929			
			Std. Error					26		6		20			
			Range					609-860		705-1000		860-998			
			Sample Size	0	0	0	0	12	0	105	0	6	0	0	0
	6/20-23	M	Mean Length			568		709		810		871			
			Std. Error			78		13		9		22			
			Range			490-645		450-840		670-970		770-940			
			Sample Size	0	0	2	0	32	0	59	0	7	0	0	0
		F	Mean Length			530		748		835		853			
			Std. Error			-		17		7		24			
			Range			530-530		730-832		680-935		820-900			
			Sample Size	0	0	1	0	5	0	60	0	3	0	0	0

Appendix B.14. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 2 of 2)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/27-30	M	Mean Length			470		728		820					
			Std. Error			-		14		14					
			Range			470-470		620-840		703-1003					
			Sample Size	0	0	1	0	16	0	32	0	0	0	0	0
		F	Mean Length					797		834		948			
			Std. Error					34		9		28			
			Range					735-850		706-920		920-975			
			Sample Size	0	0	0	0	3	0	32	0	2	0	0	0
	Season	M	Mean Length			545		714		802		867			
			Range			470-650		450-930		550-1003		745-1000			
			Sample Size	0	0	22	0	207	0	299	0	20	0	0	0
		F	Mean Length			530		787		841		911			
			Range			530-530		609-940		680-1000		820-998			
			Sample Size	0	0	1	0	29	0	239	0	15	0	0	0
2001	6/13-28	M	Mean Length			552		698		792		790			
Middle Kuskokwim			Range			471-603		570-860		710-930		790-790			
			Sample Size	0	0	9	0	35	0	34	0	1	0	0	0
		F	Mean Length			555		753		841		881			
			Range					654-823		770-955		820-1005			
			Sample Size	0	0	1	0	9	0	24	0	7	0	0	0
2001	7/7-9	M	Mean Length			540		646		791					
Upper Kuskokwim			Range			540-540		605-665		720-880					
			Sample Size	0	0	1	0	4	0	5	0	0	0	0	0
		F	Mean Length							792		837			
			Range							720-865		828-845			
			Sample Size	0	0	0	0	0	0	11	0	2	0	0	0

Appendix B.15. Age and sex composition for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 1 of 1)

Year	Sample Dates	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
2002	6/6- 7/8	97	M	0	0.0	0	0.0	16	16.5	0	0.0	19	19.6	0	0.0	13	13.4	0	0.0	1	1.1	0	0.0	0	0.0	0	0.0	49	50.5
Lower Kuskokwim			F	0	0.0	0	0.0	15	15.5	0	0.0	12	12.4	0	0.0	20	20.6	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	48	49.5
6.0 inch or less mesh			Total	0	0.0	0	0.0	31	32.0	0	0.0	31	32.0	0	0.0	33	34.0	0	0.0	2	2.1	0	0.0	0	0.0	0	0.0	97	100.0
2002	6/12- 6/24	158	M	0	0.0	0	0.0	16	10.1	0	0.0	41	25.9	0	0.0	35	22.2	0	0.0	5	3.1	0	0.0	0	0.0	0	0.0	97	61.4
Lower Kuskokwim			F	0	0.0	0	0.0	1	0.7	0	0.0	14	8.9	0	0.0	44	27.8	0	0.0	2	1.3	0	0.0	0	0.0	0	0.0	61	38.6
6.50 - 7.50 inch mesh			Total	0	0.0	0	0.0	17	10.8	0	0.0	55	34.8	0	0.0	79	50.0	0	0.0	7	4.4	0	0.0	0	0.0	0	0.0	158	100.0
2002	6/5 6/6 6/7 6/8	110	M	0	0.0	0	0.0	4	3.6	0	0.0	34	30.9	0	0.0	35	31.8	0	0.0	4	3.6	0	0.0	0	0.0	0	0.0	77	70.0
Lower Kuskokwim			F	0	0.0	0	0.0	0	0.0	0	0.0	6	5.5	0	0.0	27	24.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	33	30.0
8.0 inch and greater inch mesh			Subtotal	0	0.0	0	0.0	4	3.6	0	0.0	40	36.4	0	0.0	62	56.4	0	0.0	4	3.6	0	0.0	0	0.0	0	0.0	110	100.0
	6/12 -15	642	M	0	0.0	0	0.0	25	3.9	0	0.0	159	24.8	0	0.0	164	25.5	0	0.0	11	1.7	0	0.0	0	0.0	0	0.0	359	55.9
			F	0	0.0	0	0.0	8	1.2	0	0.0	58	9.0	1	0.2	197	30.7	0	0.0	19	3.0	0	0.0	1	0.2	0	0.0	283	44.1
			Subtotal	0	0.0	0	0.0	33	5.1	0	0.0	217	33.8	1	0.2	361	56.2	0	0.0	30	4.7	0	0.0	1	0.2	0	0.0	642	100.0
	6/19 - 22	282	M	0	0.0	0	0.0	18	6.4	0	0.0	78	27.6	0	0.0	69	24.4	0	0.0	10	3.6	0	0.0	0	0.0	0	0.0	175	62.1
			F	0	0.0	0	0.0	1	0.3	0	0.0	18	6.4	0	0.0	80	28.4	0	0.0	8	2.8	0	0.0	0	0.0	0	0.0	107	37.9
			Subtotal	0	0.0	0	0.0	19	6.7	0	0.0	96	34.0	0	0.0	149	52.8	0	0.0	18	6.4	0	0.0	0	0.0	0	0.0	282	100.0
	6/26 - 28	77	M	0	0.0	0	0.0	2	2.6	0	0.0	19	24.7	0	0.0	22	28.6	0	0.0	2	2.6	0	0.0	0	0.0	0	0.0	45	58.4
			F	0	0.0	0	0.0	0	0.0	0	0.0	7	9.1	0	0.0	22	28.5	0	0.0	3	3.9	0	0.0	0	0.0	0	0.0	32	41.6
			Subtotal	0	0.0	0	0.0	2	2.6	0	0.0	26	33.8	0	0.0	44	57.1	0	0.0	5	6.5	0	0.0	0	0.0	0	0.0	77	100.0
	Season	1,111	M	0	0.0	0	0.0	49	4.4	0	0.0	290	26.1	0	0.0	290	26.1	0	0.0	27	2.4	0	0.0	0	0.0	0	0.0	656	59.0
			F	0	0.0	0	0.0	9	0.8	0	0.0	89	8.0	1	0.1	326	29.3	0	0.0	30	2.7	0	0.0	1	0.1	0	0.0	455	41.0
			Total	0	0.0	0	0.0	58	5.2	0	0.0	379	34.1	1	0.1	616	55.4	0	0.0	57	5.1	0	0.0	1	0.1	0	0.0	1111	100.0
2002	6/5 - 7/8	1,366	M	0	0.0	0	0.0	81	5.9	0	0.0	350	25.6	0	0.0	338	24.7	0	0.0	33	2.4	0	0.0	0	0.0	0	0.0	802	58.7
Lower Kuskokwim			F	0	0.0	0	0.0	25	1.9	0	0.0	115	8.4	0	0.0	390	28.6	0	0.0	33	2.4	0	0.0	1	0.1	0	0.0	564	41.3
All Gear Types			Total	0	0.0	0	0.0	106	7.8	0	0.0	465	34.0	0	0.0	728	53.3	0	0.0	66	4.8	0	0.0	1	0.1	0	0.0	1366	100.0
2002	6/12 - 7/19	573	M	0	0.0	0	0.0	38	6.6	0	0.0	152	26.5	1	0.2	144	25.1	0	0.0	10	1.8	0	0.0	0	0.0	0	0.0	345	60.2
Middle Kuskokwim			F	0	0.0	0	0.0	6	1.1	0	0.0	29	5.1	0	0.0	170	29.7	0	0.0	23	4.0	0	0.0	0	0.0	0	0.0	228	39.8
			Total	0	0.0	0	0.0	44	7.7	0	0.0	181	31.6	1	0.2	314	54.8	0	0.0	33	5.8	0	0.0	0	0.0	0	0.0	573	100.0
2002	6/30- 7/17	75	M	0	0.0	0	0.0	5	6.6	0	0.0	14	18.7	0	0.0	31	41.3	0	0.0	2	2.7	0	0.0	0	0.0	0	0.0	52	69.3
Upper Kuskokwim			F	0	0.0	0	0.0	2	2.7	0	0.0	3	4.0	0	0.0	14	18.7	0	0.0	4	5.3	0	0.0	0	0.0	0	0.0	23	30.7
			Total	0	0.0	0	0.0	7	9.3	0	0.0	17	22.7	0	0.0	45	60.0	0	0.0	6	8.0	0	0.0	0	0.0	0	0.0	75	100.0
2002	6/5 - 7/19	2,014	M	0	0.0	0	0.0	124	6.2	0	0.0	516	25.6	1	0.0	513	25.5	0	0.0	45	2.2	0	0.0	0	0.0	0	0.0	1199	59.5
All Kuskokwim River			F	0	0.0	0	0.0	33	1.6	0	0.0	147	7.3	0	0.0	574	28.5	0	0.0	60	3.0	0	0.0	1	0.0	0	0.0	815	40.5
			Total	0	0.0	0	0.0	157	7.8	0	0.0	663	32.9	1	0.0	1,087	54.0	0	0.0	105	5.2	0	0.0	1	0.0	0	0.0	2014	100.0

Appendix B.16. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 1 of 3)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2002	6/6 - 7/8	M	Mean Length			537		659		790		940			
Lower Kuskokwim			Range			450- 660		504- 750		630- 895		940- 940			
6.0 inch or less mesh size			Sample Size	0	0	16	0	19	0	13	0	1	0	0	0
		F	Mean Length			519		677		819		892			
			Range			450- 580		600- 750		740- 920		892- 892			
			Sample Size	0	0	15	0	12	0	20	0	1	0	0	0
2002	6/12- 6/24	M	Mean Length			571		695		792		853			
Lower Kuskokwim			Range			495- 730		602- 820		675- 901		800- 910			
6.50-7.50 inch mesh size			Sample Size	0	0	16	0	41	0	35	0	5	0	0	0
		F	Mean Length			520		703		821		820			
			Range			520- 520		500- 800		655- 950		800- 840			
			Sample Size	0	0	1	0	14	0	44	0	2	0	0	0
2002	6/5 - 8	M	Mean Length			605		751		816		846			
Lower Kuskokwim			Std. Error			45		11		17		23			
8.0 inch and greater mesh size			Range			525- 720		645- 950		610-1010		780- 890			
			Sample Size	0	0	4	0	34	0	35	0	4	0	0	0
		F	Mean Length					751		846					
			Std. Error					42		17					
			Range					620- 860		670-1045					
			Sample Size	0	0	0	0	6	0	27	0	0	0	0	0
	6/12 - 15	M	Mean Length			560		719		801		869			
			Std. Error			13		5		6		21			
			Range			472- 690		500- 920		580-1020		760- 960			
			Sample Size	0	0	25	0	159	0	164	0	11	0	0	0
		F	Mean Length			566		743	780	833		870		780	
			Std. Error			23		9	-	4		12		-	
			Range			420- 630		610- 890	780- 780	530- 950		780- 970		780- 780	
			Sample Size	0	0	8	0	58	1	197	0	19	0	1	0
	6/19 - 22	M	Mean Length			557		712		814		875			
			Std. Error			10		7		8		22			
			Range			471- 651		520- 890		660-1000		773- 970			
			Sample Size	0	0	18	0	78	0	69	0	10	0	0	0
		F	Mean Length			620		773		840		875			
			Std. Error			-		15		5		26			
			Range			620- 620		639- 880		709- 942		770- 955			
			Sample Size	0	0	1	0	18	0	80	0	8	0	0	0

Appendix B.16. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 2 of 3)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2002	6/26 - 28	M	Mean Length			575		728		845		840			
Lower Kuskokwim			Std. Error			45		10		17		10			
8.0 inch and greater mesh size			Range			530- 620		640- 810		720- 950		830- 850			
			Sample Size	0	0	2	0	19	0	22	0	2	0	0	0
		F	Mean Length					786		824		920			
			Std. Error					26		15		25			
			Range					710- 910		700- 950		870- 950			
			Sample Size	0	0	0	0	7	0	22	0	3	0	0	0
	Season	M	Mean Length			563		721		809		866			
			Range			471- 720		500- 950		580-1020		760- 970			
			Sample Size	0	0	49	0	290	0	290	0	27	0	0	0
		F	Mean Length			572		753	780	835		876		780	
			Range			420- 630		610- 910	780- 780	530-1045		770- 970		780- 780	
			Sample Size	0	0	9	0	89	1	326	0	30	0	1	0
2002	6/5 - 708	M	Mean Length			560		715		807		866			
Lower Kuskokwim			Range			450- 730		500- 950		580-1020		760- 970			
All Gear Types			Sample Size	0	0	81	0	350	0	338	0	33	0	0	0
		F	Mean Length			538		739	780	833		873		780	
			Range					500- 910	780- 780	530-1045		770- 970		780- 780	
			Sample Size	0	0	25	0	115	1	390	0	33	0	1	0
2002	6/12- 7/19	M	Mean Length			552		707	530	808		861			
Middle Kuskokwim			Range			450- 625		400- 920	530- 530	650-1000		810- 960			
			Sample Size	0	0	38	0	152	1	144	0	10	0	0	0
		F	Mean Length			518		728		835		861			
			Range			450- 590		550- 890		660- 970		700-1000			
			Sample Size	0	0	6	0	29	0	170	0	23	0	0	0
2002	6/30- 7/17	M	Mean Length			536	867	723		867		1029			
Upper Kuskokwim			Range			459- 608	730-1067	560- 940		730-1067		991-1067			
			Sample Size	0	0	5	31	14	0	31	0	2	0	0	0
		F	Mean Length			528	834	637		834		870			
			Range			509- 546	770- 991	480- 730		770- 991		839- 890			
			Sample Size	0	0	2	14	3	0	14	0	4	0	0	0

Appendix B.16. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 3 of 3)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2002	6/5 - 7/19	M	Mean Length			556	811	713	530	811		872			
All Kuskokwim River			Range			450- 730	580-1067	400- 950	530- 530	580-1067		760-1067			
			Sample Size	0	0	124	513	516	1	513	0	45	0	0	0
		F	Mean Length			534	833	735		833		868		780	
			Range			420- 630	530-1045	480- 910		530-1045		700-1000		780- 780	
			Sample Size	0	0	33	574	147	0	574	0	60	0	1	0

Appendix B.17. Age and sex composition for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 1 of 1)

Year	Sample Dates	Sample Size	Sex	Age Class 0.2 Catch	0.2 %	1.1 Catch	1.1 %	1.2 Catch	1.2 %	2.1 Catch	2.1 %	1.3 Catch	1.3 %	2.2 Catch	2.2 %	1.4 Catch	1.4 %	2.3 Catch	2.3 %	1.5 Catch	1.5 %	2.4 Catch	2.4 %	1.6 Catch	1.6 %	2.5 Catch	2.5 %	Total Catch	Total %
2003	5/26 - 7/8	123	M	0	0.0	0	0.0	39	31.7	0	0.0	33	26.8	0	0.0	11	9.0	0	0.0	3	2.4	0	0.0	0	0.0	0	0.0	86	69.9
Lower Kuskokwim			F	0	0.0	0	0.0	2	1.6	0	0.0	14	11.4	0	0.0	17	13.8	0	0.0	4	3.3	0	0.0	0	0.0	0	0.0	37	30.1
6.0 inch or less mesh			Total	0	0.0	0	0.0	41	33.3	0	0.0	47	38.2	0	0.0	28	22.8	0	0.0	7	5.7	0	0.0	0	0.0	0	0.0	123	100.0
2003	6/4 - 14	116	M	0	0.0	1	0.9	6	5.2	0	0.0	49	42.2	0	0.0	17	14.6	0	0.0	3	2.6	0	0.0	0	0.0	0	0.0	76	65.5
Lower Kuskokwim			F	0	0.0	0	0.0	0	0.0	0	0.0	12	10.4	0	0.0	27	23.3	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	40	34.5
6.50 - 7.50 inch mesh			Total	0	0.0	1	0.9	6	5.2	0	0.0	61	52.6	0	0.0	44	37.9	0	0.0	4	3.4	0	0.0	0	0.0	0	0.0	116	100.0
2003	5/25 - 6/7	172	M	0	0.0	0	0.0	8	4.7	0	0.0	54	31.4	0	0.0	36	20.9	0	0.0	13	7.6	0	0.0	0	0.0	0	0.0	111	64.5
Lower Kuskokwim			F	0	0.0	0	0.0	0	0.0	0	0.0	7	4.1	0	0.0	44	25.6	0	0.0	10	5.8	0	0.0	0	0.0	0	0.0	61	35.5
8.0 inch and greater inch mesh			Subtotal	0	0.0	0	0.0	8	4.7	0	0.0	61	35.5	0	0.0	80	46.5	0	0.0	23	13.4	0	0.0	0	0.0	0	0.0	172	100.0
	6/11 - 14 , 16	611	M	0	0.0	1	0.2	36	5.9	0	0.0	227	37.2	0	0.0	124	20.3	0	0.0	19	3.1	0	0.0	0	0.0	0	0.0	407	66.6
			F	0	0.0	0	0.0	0	0.0	0	0.0	66	10.8	0	0.0	116	19.0	0	0.0	22	3.6	0	0.0	0	0.0	0	0.0	204	33.4
			Subtotal	0	0.0	1	0.2	36	5.9	0	0.0	293	48.0	0	0.0	240	39.3	0	0.0	41	6.7	0	0.0	0	0.0	0	0.0	611	100.0
	6/18 - 22	451	M	0	0.0	2	0.4	15	3.3	0	0.0	158	35.1	0	0.0	80	17.8	0	0.0	3	0.7	0	0.0	0	0.0	0	0.0	258	57.2
			F	0	0.0	0	0.0	1	0.2	0	0.0	38	8.4	0	0.0	139	30.8	0	0.0	15	3.3	0	0.0	0	0.0	0	0.0	193	42.8
			Subtotal	0	0.0	2	0.4	16	3.5	0	0.0	196	43.5	0	0.0	219	48.6	0	0.0	18	4.0	0	0.0	0	0.0	0	0.0	451	100.0
	6/24 - 7/7	220	M	0	0.0	0	0.0	8	3.7	0	0.0	59	26.8	0	0.0	38	17.3	0	0.0	3	1.4	0	0.0	0	0.0	0	0.0	108	49.1
			F	0	0.0	0	0.0	4	1.8	0	0.0	23	10.5	0	0.0	75	34.1	0	0.0	10	4.5	0	0.0	0	0.0	0	0.0	112	50.9
			Subtotal	0	0.0	0	0.0	12	5.5	0	0.0	82	37.3	0	0.0	113	51.4	0	0.0	13	5.9	0	0.0	0	0.0	0	0.0	220	100.0
	Season	1,454	M	0	0.0	3	0.2	67	4.6	0	0.0	498	34.3	0	0.0	278	19.1	0	0.0	38	2.6	0	0.0	0	0.0	0	0.0	884	60.8
			F	0	0.0	0	0.0	5	0.4	0	0.0	134	9.2	0	0.0	374	25.7	0	0.0	57	3.9	0	0.0	0	0.0	0	0.0	570	39.2
			Total	0	0.0	3	0.2	72	5.0	0	0.0	632	43.5	0	0.0	652	44.8	0	0.0	95	6.5	0	0.0	0	0.0	0	0.0	1,454	100.0
2003	5/25 - 7/8	1,694	M	0	0.0	4	0.2	112	6.6	0	0.0	580	34.2	0	0.0	307	18.1	0	0.0	44	2.6	0	0.0	0	0.0	0	0.0	1,047	61.8
Lower Kuskokwim			F	0	0.0	0	0.0	7	0.4	0	0.0	160	9.5	0	0.0	418	24.7	0	0.0	62	3.7	0	0.0	0	0.0	0	0.0	647	38.2
All Gear Types			Total	0	0.0	4	0.2	119	7.0	0	0.0	740	43.7	0	0.0	725	42.8	0	0.0	106	6.3	0	0.0	0	0.0	0	0.0	1,694	100.0
2003	6/3 - 25	245	M	0	0.0	0	0.0	17	6.9	0	0.0	87	35.5	0	0.0	48	19.6	0	0.0	7	2.8	0	0.0	0	0.0	0	0.0	159	64.9
Middle Kuskokwim			F	0	0.0	0	0.0	0	0.0	0	0.0	17	6.9	0	0.0	49	20.0	0	0.0	20	8.2	0	0.0	0	0.0	0	0.0	86	35.1
			Total	0	0.0	0	0.0	17	6.9	0	0.0	104	42.4	0	0.0	97	39.6	0	0.0	27	11.0	0	0.0	0	0.0	0	0.0	245	100.0
2003	6/20 - 7/16	90	M	0	0.0	0	0.0	1	1.1	0	0.0	43	47.8	0	0.0	22	24.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	66	73.3
Upper Kuskokwim			F	0	0.0	0	0.0	0	0.0	0	0.0	10	11.1	0	0.0	11	12.2	0	0.0	3	3.3	0	0.0	0	0.0	0	0.0	24	26.7
			Total	0	0.0	0	0.0	1	1.1	0	0.0	53	58.9	0	0.0	33	36.7	0	0.0	3	3.3	0	0.0	0	0.0	0	0.0	90	100.0
2003	5/25 - 7/16	2,029	M	0	0.0	4	0.2	130	6.4	0	0.0	710	35.0	0	0.0	377	18.6	0	0.0	51	2.5	0	0.0	0	0.0	0	0.0	1,272	62.7
All Kuskokwim River			F	0	0.0	0	0.0	7	0.4	0	0.0	187	9.2	0	0.0	478	23.5	0	0.0	85	4.2	0	0.0	0	0.0	0	0.0	757	37.3
			Total	0	0.0	4	0.2	137	6.8	0	0.0	897	44.2	0	0.0	855	42.1	0	0.0	136	6.7	0	0.0	0	0.0	0	0.0	2,029	100.0

Appendix B.18. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 1 of 3)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2003	5/26 - 708	M	Mean Length			529		689		801		807			
Lower Kuskokwim			Range			440- 605		525- 805		704- 903		760- 900			
6.0 inch or less mesh size			Sample Size	0	0	39	0	33	0	11		3	0	0	0
			Mean Length			497		693		820		807			
		F	Range			490- 503		607- 802		702- 920		709- 915			
			Sample Size	0	0	2	0	14	0	17		4	0	0	0
2003	6/4 - 6/14	M	Mean Length		330	528		736		807		956			
Lower Kuskokwim			Range		330- 330	430- 600		590- 890		710- 910		752-1200			
6.50-7.50 inch mesh size			Sample Size	0	1	6	0	49	0	17	0	3	0	0	0
		F	Mean Length					793		860		835			
			Range					680- 865		720- 950		835- 835			
			Sample Size	0	0	0	0	12	0	27	0	1	0	0	0
2003	5/25 - 6/7	M	Mean Length			592		730		796		791			
Lower Kuskokwim			Std. Error			37		7		14		19			
8.0 inch and greater mesh size			Range			479- 730		620- 855		506- 985		700- 930			
			Sample Size	0	0	8	0	54	0	36	0	13	0	0	0
		F	Mean Length					752		838		903			
			Std. Error					25		10		25			
			Range					646- 840		703- 980		749- 994			
			Sample Size	0	0	0	0	7	0	44	0	10	0	0	0
	6/11 - 14, 16	M	Mean Length		330	545		729		802		843			
			Std. Error		-	13		4		6		16			
			Range		330- 330	386- 713		403- 880		607-1000		630- 935			
			Sample Size	0	1	36	0	227	0	124	0	19	0	0	0
		F	Mean Length					769		851		889			
			Std. Error					8		5		11			
			Range					656-1002		700-1000		790- 990			
			Sample Size	0	0	0	0	66	0	116	0	22	0	0	0
	6/18 - 22	M	Mean Length		384	552		742		834		901			
			Std. Error		-	11		4		8		77			
			Range		384- 384	480- 610		540- 860		676-1000		792-1050			
			Sample Size	0	1	15	0	158	0	80	0	3	0	0	0
		F	Mean Length			566		790		854		893			
			Std. Error			-		9		4		13			
			Range			566- 566		634- 919		720- 970		820- 998			
			Sample Size	0	0	1	0	38	0	137	0	15	0	0	0

Appendix B.18. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 2 of 3)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2003	6/24 - 7/7	M	Mean Length			548		749		815		910			
Lower Kuskokwim			Std. Error			22		7		10		31			
8.0 inch and greater mesh size			Range			450- 640		640- 850		700- 980		850- 950			
			Sample Size	0	0	8	0	59	0	38	0	3	0	0	0
		F	Mean Length			486		770		839		867			
			Std. Error			12		11		7		10			
			Range			465- 520		700- 890		650- 970		810- 910			
			Sample Size	0	0	4	0	23	0	75	0	10	0	0	0
	Season	M	Mean Length		357	552		735		812		835			
			Range		330- 384	386- 730		403- 880		506-1000		630-1050			
			Sample Size	0	2	67	0	498	0	278	0	38	0	0	0
		F	Mean Length			502		774		848		889			
			Range			465- 566		634-1002		650-1000		749- 998			
			Sample Size	0	0	5	0	134	0	372	0	57	0	0	0
2003	5/25 - 7/8	M	Mean Length		348	543		733		812		841			
Lower Kuskokwim			Range		330- 384	386- 730		403- 890		506-1040		630-1200			
All Gear Types			Sample Size	0	3	112	0	580	0	307	0	44	0	0	0
		F	Mean Length			501		768		848		882			
			Range			465- 566		607-1002		650-1000		709- 998			
			Sample Size	0	0	7	0	160	0	416	0	62	0	0	0
2003	6/3 - 25	M	Mean Length					803		896		966			
Middle Kuskokwim			Range			455- 650		670- 960		735-1180		870-1080			
			Sample Size	0	0	17	0	87	0	48	0	7	0	0	0
		F	Mean Length					847		921		957			
			Range					720- 930		800-1100		820-1120			
			Sample Size	0	0	0	0	17	0	49	0	20	0	0	0
2003	6/20 - 7/16	M	Mean Length			690		711		811					
Upper Kuskokwim			Range			690- 690		570- 838		580- 975					
			Sample Size	0	0	1	0	43	0	22	0	0	0	0	0
		F	Mean Length					725		813		823			
			Range					630- 770		730- 920		770- 850			
			Sample Size	0	0	0	0	10	0	11	0	3	0	0	0

Appendix B.18. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 3 of 3)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2003	5/25- 7/16	M	Mean Length		348	549		740		823		858			
All Kuskokwim River			Range		330- 384	386- 730		403- 960		506-1180		630-1200			
			Sample Size	0	3	130	0	710	0	377	0	51	0	0	0
		F	Mean Length			501		773		855		898			
			Range			465- 566		607-1002		650-1100		709-1120			
			Sample Size	0	0	7	0	187	0	476	0	85	0	0	0

Appendix B.19. Age and sex composition for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 1 of 1)

Year	Sample Dates	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%
2004	5/31 - 6/28	43	M	0	0.0	0	0.0	21	48.8	0	0.0	15	34.9	0	0.0	4	9.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	40	93.0
	Lower Kuskokwim		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	7.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	7.0
	6.0 inch or less mesh		Total	0	0.0	0	0.0	21	48.0	0	0.0	15	34.9	0	0.0	7	16.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	43	100.0
2004	6/4 - 12	99	M	0	0.0	0	0.0	48	48.5	0	0.0	30	30.3	0	0.0	9	9.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	87	87.9
	Lower Kuskokwim		F	0	0.0	0	0.0	0	0.0	0	0.0	1	1.0	0	0.0	11	11.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	12.1
	6.50 - 7.50 inch mesh		Total	0	0.0	0	0.0	48	48.5	0	0.0	31	31.3	0	0.0	20	20.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	99	100.0
2004	5/30 - 6/5	167	M	0	0.0	0	0.0	11	6.6	0	0.0	46	27.5	0	0.0	50	29.9	0	0.0	6	3.6	0	0.0	0	0.0	0	0.0	113	67.7
	Lower Kuskokwim		F	0	0.0	0	0.0	0	0.0	0	0.0	5	3.0	0	0.0	37	22.2	0	0.0	12	7.2	0	0.0	0	0.0	0	0.0	54	32.3
	8.0 inch and greater inch mesh		Subtotal	0	0.0	0	0.0	11	6.6	0	0.0	51	30.5	0	0.0	87	52.1	0	0.0	18	10.8	0	0.0	0	0.0	0	0.0	167	100.0
	6/9 - 12	856	M	0	0.0	2	0.2	87	10.2	0	0.0	249	29.1	2	0.3	200	23.4	0	0.0	10	1.2	0	0.0	0	0.0	0	0.0	550	64.3
			F	0	0.0	0	0.0	2	0.2	0	0.0	50	5.8	1	0.1	243	28.4	0	0.0	10	1.1	0	0.0	0	0.0	0	0.0	306	35.7
			Subtotal	0	0.0	2	0.2	89	10.4	0	0.0	299	34.9	3	0.4	443	51.8	0	0.0	20	2.3	0	0.0	0	0.0	0	0.0	856	100.0
	6/16 - 19	558	M	0	0.0	1	0.2	82	14.7	0	0.0	188	33.7	2	0.3	99	17.7	0	0.0	4	0.7	0	0.0	0	0.0	0	0.0	376	67.4
			F	0	0.0	0	0.0	0	0.0	0	0.0	30	5.4	1	0.2	146	26.2	0	0.0	5	0.9	0	0.0	0	0.0	0	0.0	182	32.6
			Subtotal	0	0.0	1	0.2	82	14.7	0	0.0	218	39.1	3	0.5	245	43.9	0	0.0	9	1.6	0	0.0	0	0.0	0	0.0	558	100.0
	6/20 - 7/19	256	M	0	0.0	0	0.0	25	9.8	0	0.0	89	34.8	0	0.0	54	21.1	0	0.0	1	0.4	0	0.0	0	0.0	0	0.0	169	66.0
			F	0	0.0	0	0.0	0	0.0	0	0.0	19	7.4	0	0.0	64	25.0	0	0.0	4	1.6	0	0.0	0	0.0	0	0.0	87	34.0
			Subtotal	0	0.0	0	0.0	25	9.8	0	0.0	108	42.2	0	0.0	118	46.1	0	0.0	5	2.0	0	0.0	0	0.0	0	0.0	256	100.0
	5/30 - 7/19	1,837	M	0	0.0	3	0.2	205	11.2	0	0.0	572	31.1	4	0.2	403	21.9	0	0.0	21	1.3	0	0.0	0	0.0	0	0.0	1,208	65.8
	8.0 inch and greater inch mesh		F	0	0.0	0	0.0	2	0.1	0	0.0	104	5.7	2	0.1	490	26.7	0	0.0	21	1.3	0	0.0	0	0.0	0	0.0	629	34.2
	All Dates Combined		Total	0	0.0	3	0.2	207	11.3	0	0.0	676	36.8	6	0.3	893	48.6	0	0.0	52	2.6	0	0.0	0	0.0	0	0.0	1,837	100.0
2004	5/30 - 7/19	1,979	M	0	0.0	3	0.2	274	13.8	0	0.0	617	31.5	4	0.2	416	21.0	0	0.0	21	1.1	0	0.0	0	0.0	0	0.0	1,335	67.5
All Mesh Sizes Combined			F	0	0.0	0	0.0	2	0.1	0	0.0	105	5.3	2	0.1	504	25.5	0	0.0	31	1.6	0	0.0	0	0.0	0	0.0	644	32.5
			Total	0	0.0	3	0.2	276	13.9	0	0.0	722	36.5	6	0.3	920	46.5	0	0.0	52	2.7	0	0.0	0	0.0	0	0.0	1,979	100.0

Appendix B.20. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 1 of 2)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2004	5/31 - 6/28	M	Mean Length			591		688		787					
Lower Kuskokwim			Range			505-750		585-775		660- 917					
6.0 inch or less mesh size			Sample Size	0	0	21	0	15	0	4	0	0	0	0	0
			Mean Length							865					
		F	Range							805-905					
			Sample Size	0	0	0	0	0	0	3	0	0	0	0	0
2004	6/4 - 12	M	Mean Length			599		677		803					
Lower Kuskokwim			Range			545-670		580-850		585-1000					
6.50-7.50 inch mesh size			Sample Size	0		48	0	30	0	9	0	0	0	0	0
		F	Mean Length					805		801					
			Range					805-805		667-915					
			Sample Size	0		0	0	1	0	11	0	0	0	0	0
2004	5/30 - 6/5	M	Mean Length			639		718		816		802			
Lower Kuskokwim			Range			565-690		610-890		690-980		680-920			
8.0 inch and greater mesh size			Sample Size	0	0	11	0	46	0	50	0	6	0	0	0
			Mean Length					741		870		888			
		F	Range					630-810		750-1000		830-950			
			Sample Size	0	0	0	0	5	0	37	0	12	0	0	0
	6/9 - 12	M	Mean Length		419	596		724	631	809		869			
			Range		400-438	440-810		510-890	611-650	530-1030		790-1055			
			Sample Size	0	2	87	0	249	2	200	0	10	0	0	0
		F	Mean Length			655		773	570	853		855			
			Range			649-660		600-894	570-570	700-1015		776-920			
			Sample Size	0	0	2	0	50	1	243	0	10	0	0	0
	6/16 - 19	M	Mean Length		430	589		721	695	803		949			
			Range		430-430	500-690		580-830	680-710	400-980		815-1050			
			Sample Size	0	1	82	0	188	2	99	0	4	0	0	0
		F	Mean Length					758	690	855		888			
			Range					650-850	690-690	735-980		860-940			
			Sample Size	0	0	0	0	30	1	146	0	5	0	0	0

Appendix B.20. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 2 of 2)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/20 - 7/19	M	Mean Length			604		734		818		870			
			Range			480-706		604-835		631-1000		870-870			
			Sample Size	0	0	25	0	89	0	54	0	1	0	0	0
		F	Mean Length					790		848		842			
			Range					680-865		708-988		758-900			
			Sample Size	0	0	0	0	19	0	64	0	4	0	0	0
	Season	M	Mean Length		423	597		734	663	809		865			
			Range		400-438	440-810		510-890	611-710	400-1030		680-1055			
			Sample Size	0	3	205	0	572	4	403	0	21	0	0	0
		F	Mean Length			655		770	630	854		871			
			Range			649-660		600-894	570-690	700-1015		758-950			
			Sample Size	0	0	2	0	104	2	490	0	31	0	0	0
		M	Mean Length		423	596		700	663	800		865			
			Range		400-438	440-810		510-890	611-710	400-1030		680-1055			
2004	5/25 - 7/8		Sample Size	0	3	274	0	617	4	416	0	21	0	0	0
Lower Kuskokwim															
All Gear Types			Mean Length			655		788	630	840		871			
			Range			649-660		600-894	570-690	700-1015		758-950			
		F	Sample Size	0	0	2	0	105	2	504	0	31	0	0	0

Appendix B.21. Age and sex composition for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 1 of 1)

Year	Sample Dates	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%
2005	6/2 - 23	174	M	0	0.0	0	0.0	26	14.9	0	0.0	64	36.8	0	0.0	34	19.5	0	0.0	1	0.6	0	0.0	0	0.0	0	0.0	125	71.8
	Lower Kuskokwim		F	0	0.0	0	0.0	0	0.0	0	0.0	16	9.2	0	0.0	32	18.4	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	49	28.2
	6.0 inch or less mesh		Total	0	0.0	0	0.0	26	14.9	0	0.0	80	46.0	0	0.0	66	37.9	0	0.0	2	1.1	0	0.0	0	0.0	0	0.0	174	100.0
2005	6/8 - 25	226	M	0	0.0	0	0.0	14	6.2	0	0.0	84	37.2	0	0.0	55	24.4	0	0.0	1	0.4	0	0.0	0	0.0	0	0.0	154	68.1
	Lower Kuskokwim		F	0	0.0	0	0.0	1	0.4	0	0.0	29	12.8	0	0.0	38	16.8	1	0.4	2	0.9	1	0.4	0	0.0	0	0.0	72	31.9
	6.50 - 7.50 inch mesh		Total	0	0.0	0	0.0	15	6.6	0	0.0	113	50.0	0	0.0	93	41.2	1	0.4	3	1.3	1	0.4	0	0.0	0	0.0	226	100.0
2005	5/28 - 6/5	100	M	0	0.0	0	0.0	4	4.0	0	0.0	37	37.0	0	0.0	22	22.0	0	0.0	2	2.0	0	0.0	0	0.0	0	0.0	65	65.0
	Lower Kuskokwim		F	0	0.0	0	0.0	0	0.0	0	0.0	6	6.0	0	0.0	28	28.0	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	35	35.0
	8.0 inch and greater inch mesh		Subtotal	0	0.0	0	0.0	4	4.0	0	0.0	43	43.0	0	0.0	50	50.0	0	0.0	3	3.0	0	0.0	0	0.0	0	0.0	100	100.0
	6/8 - 14	568	M	0	0.0	0	0.0	27	4.8	0	0.0	226	39.8	0	0.0	128	22.5	3	0.5	6	1.1	0	0.0	0	0.0	0	0.0	390	68.7
			F	0	0.0	0	0.0	2	0.3	0	0.0	56	9.8	0	0.0	114	20.1	0	0.0	6	1.0	0	0.0	0	0.0	0	0.0	178	31.3
			Subtotal	0	0.0	0	0.0	29	5.1	0	0.0	282	49.6	0	0.0	242	42.6	3	0.5	12	2.1	0	0.0	0	0.0	0	0.0	568	100.0
	6/15 - 21	930	M	0	0.0	0	0.0	37	4.0	0	0.0	327	35.2	0	0.0	185	19.9	0	0.0	6	0.6	1	0.1	0	0.0	0	0.0	556	59.8
			F	0	0.0	0	0.0	1	0.1	0	0.0	137	14.7	0	0.0	226	24.3	0	0.0	10	1.1	0	0.0	0	0.0	0	0.0	374	40.2
			Subtotal	0	0.0	0	0.0	38	4.1	0	0.0	464	49.9	0	0.0	411	44.2	0	0.0	16	1.7	1	0.1	0	0.0	0	0.0	930	100.0
	6/22 - 28	335	M	0	0.0	0	0.0	14	4.2	0	0.0	122	36.4	0	0.0	51	15.2	1	0.3	2	0.6	0	0.0	0	0.0	0	0.0	190	56.7
			F	0	0.0	0	0.0	0	0.0	0	0.0	56	16.7	0	0.0	83	24.8	1	0.3	5	1.5	0	0.0	0	0.0	0	0.0	145	43.3
			Subtotal	0	0.0	0	0.0	14	4.2	0	0.0	178	53.1	0	0.0	134	40.0	2	0.6	7	2.1	0	0.0	0	0.0	0	0.0	335	100.0
	6/29, 7/2, 9	75	M	0	0.0	1	1.3	2	2.7	0	0.0	29	38.7	0	0.0	13	17.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	45	60.0
			F	0	0.0	0	0.0	1	1.3	0	0.0	9	12.0	0	0.0	20	26.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	30	40.0
			Total	0	0.0	1	1.3	3	4.0	0	0.0	38	50.7	0	0.0	33	44.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	75	100.0
	5/28 - 7/9	2,008	M	0	0.0	1	0.0	84	4.2	0	0.0	741	36.9	0	0.0	399	19.9	4	0.2	16	0.8	1	0.0	0	0.0	0	0.0	1,246	62.1
	8.0 inch and greater inch mesh		F	0	0.0	0	0.0	4	0.2	0	0.0	264	13.1	0	0.0	471	23.4	1	0.0	22	1.1	0	0.0	0	0.0	0	0.0	762	37.9
	All Dates Combined		Total	0	0.0	1	0.0	88	4.4	0	0.0	1,005	50.0	0	0.0	870	43.3	5	0.2	38	1.9	1	0.0	0	0.0	0	0.0	2,008	100.0
2005	5/28 - 7/9	2,408	M	0	0.0	1	0.0	124	5.1	0	0.0	889	36.9	0	0.0	488	20.3	4	0.2	18	0.7	1	0.0	0	0.0	0	0.0	1,525	63.3
All Mesh Sizes Combined			F	0	0.0	0	0.0	5	0.2	0	0.0	309	12.8	0	0.0	541	22.5	2	0.1	25	1.0	1	0.0	0	0.0	0	0.0	883	36.7
			Total	0	0.0	1	0.0	129	5.4	0	0.0	1,198	49.8	0	0.0	1,029	42.7	6	0.2	43	1.8	2	0.1	0	0.0	0	0.0	2,408	100.0

Appendix B.22. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 1 of 2)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2005	6/2 - 23	M	Mean Length			555		730		802					
Lower Kuskokwim			Range			440-670		620-885		635-992					
6.0 inch or less mesh size			Sample Size	0	0	26	0	64	0	34	0	0	0	0	0
			Mean Length					776		859					
		F	Range					610-887		755-915					
			Sample Size	0	0	0	0	16	0	32	0	0	0	0	0
2005	6/4 - 12	M	Mean Length			583		721		805		972			
Lower Kuskokwim			Range			525-660		510-845		500-1000		972-972			
6.50-7.50 inch mesh size			Sample Size	0	0	14	0	84	0	55	0	1	0	0	0
		F	Mean Length			760		771		839	850	868	820		
			Range			760-760		670-865		770-960	850-850	860-875	820-820		
			Sample Size	0	0	1	0	29	0	38	1	2	1	0	0
2005	5/28 - 6/5	M	Mean Length			584		736		815		985			
Lower Kuskokwim			Range			510-620		645-915		710-940		880-1090			
8.0 inch and greater mesh size			Sample Size	0	0	4	0	37	0	22	0	2	0	0	0
			Mean Length					774		851		820			
		F	Range					735-811		750-950		820-820			
			Sample Size	0	0	0	0	6	0	28	0	1	0	0	0
	6/8 - 14	M	Mean Length			585		738		798	746	871			
			Range			445-708		520-960		608-994	725-774	771-1041			
			Sample Size	0	0	27	0	226	0	128	3	6	0	0	0
		F	Mean Length			560		785		828		828			
			Range			530-590		630-900		650-992		684-940			
			Sample Size	0	0	2	0	56	0	114	0	6	0	0	0
	6/15 - 21	M	Mean Length			584		745		816		834	810		
			Range			425-720		600-920		670-1000		706-925	810-810		
			Sample Size	0	0	37	0	327	0	185	0	6	1	0	0
		F	Mean Length			650		794		846		885			
			Range			650-650		667-889		609-991		790-960			
			Sample Size	0	0	1	0	137	0	226	0	10	0	0	0

Appendix B.22. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 2 of 2)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/22 - 28	M	Mean Length			574		738		804	745	898			
			Range			500-663		600-995		650-995	745-745	815-980			
			Sample Size	0	0	14	0	122	0	51	1	2	0	0	0
		F	Mean Length					786		835	760	891			
			Range					645-882		700-955	760-760	790-993			
			Sample Size	0	0	0	0	56	0	83	1	5	0	0	0
	6/29, 7/2, 9	M	Mean Length		380	608		761		804					
			Range		380-380	545-670		650-940		700-900					
			Sample Size	0	1	2	0	29	0	13	0	0	0	0	0
		F	Mean Length			600		803		830					
			Range			600-600		740-900		770-900					
			Sample Size	0	0	1	0	9	0	20	0	0	0	0	0
	Season	M	Mean Length		380	583		742		808	746	875	810		
			Range		380-380	425-720		520-995		608-1000	725-774	706-1090	810-810		
			Sample Size	0	1	84	0	741	0	399	4	16	1	0	0
			Mean Length			593		790		839	760	868			
			Range			530-650		630-900		609-992	760-760	684-993			
		F	Sample Size	0		4	0	264	0	471	1	22	0	0	0
2005		M	Mean Length		380	574		731		805	746	924	810		
Lower Kuskokwim			Range		380-380	425-720		520-995		608-1000	725-774	706-1090	810-810		
All Gear	5/28 - 7/9		Sample Size	0	1	124	0	889	0	488	4	17	1	0	0
			Mean Length			677		779		846	805	868	820		
			Range			530-650		610-900		609-992	760-850	684-993	820-820		
		F	Sample Size	0	0	5	0	309	0	541	2	24	1	0	0

Appendix B.23. Age and sex composition for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 1 of 1)

Year	Sample Dates	Sample Size	Sex	Age Class 0.2		1.1		1.2		2.1		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%	Catch	%
2006	Season	2	M	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
	Lower Kuskokwim		F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Rod & Reel		Total	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
2006	6/8 - 26	137	M	0	0.0	0	0.0	4	2.9	0	0.0	40	29.2	0	0.0	29	21.2	0	0.0	2	1.5	0	0.0	0	0.0	0	0.0	75	54.7
	Lower Kuskokwim		F	0	0.0	0	0.0	0	0.0	0	0.0	18	13.1	0	0.0	37	27.0	0	0.0	7	5.1	0	0.0	0	0.0	0	0.0	62	45.3
	7.25 - 7.50 inch mesh		Total	0	0.0	0	0.0	4	2.9	0	0.0	58	42.3	0	0.0	66	48.2	0	0.0	9	6.6	0	0.0	0	0.0	0	0.0	137	100.0
2006	6/6-10	169	M	0	0.0	1	0.6	11	6.5	0	0.0	41	24.2	1	0.6	44	26.1	0	0.0	4	2.4	0	0.0	0	0.0	0	0.0	102	60.4
	Lower Kuskokwim		F	0	0.0	0	0.0	1	0.6	0	0.0	4	2.4	0	0.0	57	33.7	0	0.0	4	2.3	1	0.6	0	0.0	0	0.0	67	39.6
	8.0 inch and greater inch mesh		Subtotal	0	0.0	1	0.6	12	7.1	0	0.0	45	26.6	1	0.6	101	59.8	0	0.0	8	4.7	1	0.6	0	0.0	0	0.0	169	100.0
	6/14-17	627	M	0	0.0	1	0.2	46	7.3	0	0.0	194	30.9	0	0.0	130	20.7	0	0.0	9	1.4	1	0.2	0	0.0	0	0.0	381	60.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	43	6.9	0	0.0	193	30.8	0	0.0	10	1.6	0	0.0	0	0.0	0	0.0	246	39.2
			Subtotal	0	0.0	1	0.2	46	7.3	0	0.0	237	37.8	0	0.0	323	51.5	0	0.0	19	3.0	1	0.2	0	0.0	0	0.0	627	100.0
	6/18-24	625	M	0	0.0	1	0.2	24	3.8	0	0.0	160	25.6	0	0.0	137	21.9	1	0.2	12	1.9	0	0.0	0	0.0	0	0.0	335	53.6
			F	0	0.0	0	0.0	0	0.0	0	0.0	49	7.8	0	0.0	223	35.7	1	0.1	17	2.7	0	0.0	0	0.0	0	0.0	290	46.4
			Subtotal	0	0.0	1	0.2	24	3.8	0	0.0	209	33.4	0	0.0	360	57.6	2	0.3	29	4.6	0	0.0	0	0.0	0	0.0	625	100.0
	6/25-27	83	M	0	0.0	0	0.0	11	13.3	0	0.0	35	42.2	0	0.0	11	13.2	0	0.0	2	2.4	0	0.0	0	0.0	0	0.0	59	71.1
			F	0	0.0	0	0.0	1	1.2	0	0.0	9	10.8	0	0.0	13	15.7	0	0.0	1	1.2	0	0.0	0	0.0	0	0.0	24	28.9
			Subtotal	0	0.0	0	0.0	12	14.5	0	0.0	44	53.0	0	0.0	24	28.9	0	0.0	3	3.6	0	0.0	0	0.0	0	0.0	83	100.0
	7/3-8,15,19	45	M	0	0.0	0	0.0	6	13.3	0	0.0	6	13.3	0	0.0	7	15.6	1	2.2	1	2.2	0	0.0	0	0.0	0	0.0	21	46.7
			F	0	0.0	0	0.0	0	0.0	0	0.0	4	8.9	0	0.0	20	44.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	24	53.3
			Subtotal	0	0.0	0	0.0	6	13.3	0	0.0	10	22.2	0	0.0	27	60.0	1	2.2	1	2.2	0	0.0	0	0.0	0	0.0	45	100.0
	Season	1,549	M	0	0.0	3	0.2	98	6.3	0	0.0	436	28.2	1	0.1	329	21.2	2	0.1	28	1.8	1	0.1	0	0.0	0	0.0	898	58.0
	8.0 inch and greater inch mesh		F	0	0.0	0	0.0	2	0.2	0	0.0	109	7.0	0	0.0	506	32.7	1	0.1	32	2.1	1	0.0	0	0.0	0	0.0	651	42.0
	All Dates Combined		Total	0	0.0	3	0.2	100	6.5	0	0.0	545	35.2	1	0.1	835	53.9	3	0.2	60	3.9	2	0.1	0	0.0	0	0.0	1,549	100.0
2006	6/6-7/19	1,688	M	0	0.0	3	0.2	104	6.2	0	0.0	476	28.2	1	0.1	358	21.2	2	0.1	30	1.8	1	0.1	0	0.0	0	0.0	975	57.8
All Mesh Sizes Combined			F	0	0.0	0	0.0	2	0.1	0	0.0	127	7.5	0	0.0	543	32.2	1	0.1	39	2.3	1	0.1	0	0.0	0	0.0	713	42.2
			Total	0	0.0	3	0.2	106	6.3	0	0.0	603	35.7	1	0.1	901	53.4	3	0.2	69	4.1	2	0.1	0	0.0	0	0.0	1,688	100.0

Appendix B.24. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 1 of 2)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
2006		M	Mean Length			598									
Lower Kuskokwim			Range			585- 610									
Rod & Reel			Sample Size	0	0	2	0	0	0	0	0	0	0	0	0
			Mean Length												
		F	Range												
			Sample Size	0	0	0	0	0	0	0	0	0	0	0	0
2006	6/8 - 26	M	Mean Length			578		720		794		891			
Lower Kuskokwim			Range			500- 630		615- 870		640- 958		780-1001			
7.25 - 7.50 inch mesh			Sample Size	0	0	4	0	40	0	29	0	2	0	0	0
		F	Mean Length					784		839		848			
			Range					610- 860		730- 990		770- 890			
			Sample Size	0	0	0	0	18	0	37	0	7	0	0	0
2006	6/6-10	M	Mean Length		390	580		753	590	867		881			
Lower Kuskokwim			Range		390- 390	510- 661		665- 885	590- 590	712-1100		740-1030			
8.0 inch and greater mesh size			Sample Size	0	1	11	0	41	1	44	0	4	0	0	0
			Mean Length			570		812		889		860	830		
		F	Range			570- 570		740- 889		759-1009		780- 993	830- 830		
			Sample Size	0	0	1	0	4	0	57	0	4	1	0	0
	6/14-17	M	Mean Length		380	574		724		812		782	780		
			Range		380- 380	446- 668		535- 830		694-1090		700- 874	780- 780		
			Sample Size	0	1	46	0	194	0	130	0	9	1	0	0
		F	Mean Length					777		862		879			
			Range					615- 882		700- 996		810- 990			
			Sample Size	0	0	0	0	43	0	193	0	10	0	0	0
	6/18-24	M	Mean Length		370	574		728		819	714	844			
			Range		370- 370	500- 740		450- 850		660-1012	714- 714	731-1000			
			Sample Size	0	1	24	0	160	0	137	1	12	0	0	0
		F	Mean Length					787		848	845	843			
			Range					570- 871		650- 975	845- 845	775- 927			
			Sample Size	0	0	0	0	49	0	223	1	17	0	0	0

Appendix B.24. Mean length (mm) for the Kuskokwim River subsistence chinook samples, grouped by mesh size and area. (page 2 of 2)

Year	Sample Dates	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
	6/25-27	M	Mean Length			605		692		792		875			
			Range			550- 660		570- 790		690- 890		870- 880			
			Sample Size	0	0	11	0	35	0	11	0	2	0	0	0
		F	Mean Length			610		732		838		780			
			Range			610- 610		670- 790		740- 940		780- 780			
			Sample Size	0	0	1	0	9	0	13	0	1	0	0	0
	7/3-8,15,19	M	Mean Length			577		739		846	760	800			
			Range			500- 650		660- 830		750- 940	760- 760	800- 800			
			Sample Size	0	0	6	0	6	0	7	1	1	0	0	0
		F	Mean Length					794		866					
			Range					755- 820		790- 940					
			Sample Size	0	0	0	0	4	0	20	0	0	0	0	0
	Season	M	Mean Length		380	578		726	590	822	737	830	780		
			Range		370- 390	446- 740		450- 885	590- 590	660-1100	714- 760	700-1030	780- 780		
			Sample Size	0	3	98	0	436	1	329	2	28	1	0	0
		F	Mean Length			590		780		858	845	854	830		
			Range			570- 610		570- 889		650-1009	845- 845	775- 993	830- 830		
			Sample Size	0	0	2	0	109	0	506	1	32	1	0	0
2005		M	Mean Length		380	585		723	590	808	737	861	780		
Lower Kuskokwim			Range		370- 390	446- 740		450- 885	590- 590	660-1100	714- 760	700-1030	780- 780		
All Gear ˙ 6/6-7/19			Sample Size	0	3	104	0	476	1	358	2	30	1	0	0
			Mean Length			590		782		849	845	851	830		
			Range			570- 610		570- 889		650-1009	845- 845	775- 993	830- 830		
		F	Sample Size	0	0	2	0	127	0	543	1	39	1	0	0

Appendix B.25. Age and sex of chinook salmon caught in the subsistence fishery near Bethel and Aniak with 15.2 cm (6.0 in) mesh drift gillnets. [a] (page 1 of 1)

Year	Sample Date	Sample Size	Sex	Age Class																									
				0.2		1.1		1.2		0.4		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
1993	6/8 - 10	105	M	0	0.0	0	0.0	71	67.6	0	0.0	23	21.9	0	0.0	4	3.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	98	93.3
			F	0	0.0	0	0.0	0	0.0	0	0.0	3	2.9	0	0.0	3	2.9	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	7	6.7
			Total	0	0.0	0	0.0	71	67.6	0	0.0	26	24.8	0	0.0	7	6.7	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	105	100.0

[a] The number of fish in each year age and sex category are the actual sample numbers; discrepancies in totals are attributed to rounding errors.

Appendix B.26. Mean length (mm) of chinook salmon caught in the subsistence fishery near Bethel and Aniak with 15.2 cm (6.0 in) mesh drift gillnets. (page 1 of 1)

Year	Sample Date	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1993	6/8 - 10	M	Mean Length			550		705		810					
			Std. Error			5		12		36					
			Range			430- 660		537- 800		730- 900					
			Sample Size	0	0	71	0	23	0	4	0	0	0	0	0
		F	Mean Length					794		887		900			
			Std. Error					86		44		-			
			Range					630- 921		800- 940		900- 900			
			Sample Size	0	0	0	0	3	0	3	0	1	0	0	0

Appendix B.27. Age and sex of chinook salmon caught in the subsistence fishery near Bethel and Aniak with 20.3 cm (8.0 in) mesh drift gillnets. [a] (page 1 of 1)

Year	Sample Date	Sample Size	Sex	Age Class 0.2		1.1		1.2		0.4		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
1993	5/31 - 6/4	111	M	0	0.0	0	0.0	11	9.9	0	0.0	29	26.0	0	0.0	22	19.8	0	0.0	2	1.8	0	0.0	0	0.0	0	0.0	64	58.0
			F	0	0.0	0	0.0	1	0.9	0	0.0	6	5.4	0	0.0	37	33.3	0	0.0	3	2.7	0	0.0	0	0.0	0	0.0	47	42.0
			Total	0	0.0	0	0.0	12	10.8	0	0.0	35	31.5	0	0.0	59	53.1	0	0.0	5	4.5	0	0.0	0	0.0	0	0.0	111	100.0
1994	6/13, 14, 16	83	M	0	0.0	0	0.0	2	2.4	0	0.0	29	34.9	1	1.2	9	10.8	2	2.4	0	0.0	0	0.0	0	0.0	0	0.0	43	51.8
			F	0	0.0	0	0.0	1	1.2	0	0.0	7	8.4	0	0.0	24	28.9	0	0.0	2	2.4	5	6.0	1	1.2	0	0.0	40	48.2
			Total	0	0.0	0	0.0	3	3.6	0	0.0	36	43.3	1	1.2	33	39.7	2	2.4	2	2.4	5	6.0	1	1.2	0	0.0	83	100.0
1995	6/2 - 7/1	250	M	0	0.0	0	0.0	1	0.4	0	0.0	27	10.8	0	0.0	114	45.6	0	0.0	2	0.8	0	0.0	0	0.0	0	0.0	144	57.6
			F	0	0.0	0	0.0	1	0.4	0	0.0	6	2.4	0	0.0	99	39.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	106	42.4
			Total	0	0.0	0	0.0	2	0.8	0	0.0	33	13.2	0	0.0	213	85.2	0	0.0	2	0.8	0	0.0	0	0.0	0	0.0	250	100.0
	Grand Total [b]	444	M	0	0.0	0	0.0	14	3.2	0	0.0	85	19.1	1	0.2	145	32.6	2	0.4	4	0.9	0	0.0	0	0.0	0	0.0	251	56.6
			F	0	0.0	0	0.0	3	0.7	0	0.0	19	4.3	0	0.0	160	36.0	0	0.0	5	1.1	5	1.1	1	0.2	0	0.0	193	43.4
			Total	0	0.0	0	0.0	17	3.8	0	0.0	104	23.4	1	0.2	305	68.7	2	0.4	9	2.0	5	1.1	1	0.2	0	0.0	444	100.0

[a] The number of fish in each year age and sex category are the actual sample numbers; discrepancies in totals are attributed to rounding errors.
[b] The number of fish in the "Grand total" are the sum of the "Season" totals; percentages are derived from those sums.

Appendix B.28. Mean length (mm) of chinook salmon caught in the subsistence fishery near Bethel and Aniak with 20.3 cm (8.0 in) mesh drift gillnets. (page 1 of 1)

Year	Sample Date	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1995	6/2 - 7/1	M	Mean Length			690		762		809		840			
			Range			690- 690		565- 995		530- 1017		710- 970			
			Sample Size	0	0	1	0	27	0	114	0	0	0	0	0
		F	Mean Length			905		779		849					
			Range			905- 905		689- 860		685- 1002					
			Sample Size	0	0	1	0	6	0	99	0	0	0	0	0

Appendix B.29. Age and sex of chinook salmon caught in the subsistence fishery near Bethel with 21.6 cm (8.5 in) mesh drift gillnets. [a] (page 1 of 1)

Year	Sample Date	Sample Size	Sex	Age Class																									
				0.2		1.1		1.2		0.4		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
1995	6/8 - 16	46	M	0	0.0	0	0.0	1	2.2	0	0.0	3	6.5	0	0.0	23	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	27	58.7
			F	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	18	39.1	0	0.0	1	2.2	0	0.0	0	0.0	0	0.0	19	41.3
			Total	0	0.0	0	0.0	1	2.2	0	0.0	3	6.5	0	0.0	41	89.1	0	0.0	1	2.2	0	0.0	0	0.0	0	0.0	46	100.0

[a] The number of fish in each year age and sex category are the actual sample numbers; discrepancies in totals are attributed to rounding errors.

Appendix B.30. Mean length (mm) of chinook salmon caught in the subsistence fishery near Bethel with 21.6 cm (8.5 in) mesh drift gillnets. (page 1 of 1)

Year	Sample Date	Sex		Age Class 0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1995	6/8-16	M	Mean Length			520		762		840					
			Range			520- 520		744- 772		732- 973					
			Sample Size	0	0	1	0	3	0	23	0	0	0	0	0
		F	Mean Length							854		871			
			Range							696- 932		871- 871			
			Sample Size	0	0	0	0	0	0	18	0	1	0	0	0

Appendix B.31. Age and sex of chinook salmon caught in the subsistence fishery near Bethel with 15.2 cm (6.0 in) mesh set gillnets. [a] (page 1 of 1)

Year	Sample Date	Sample Size	Sex	Age Class																									
				0.2		1.1		1.2		0.4		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
1994	5/30; 6/6-	51	M	0	0.0	0	0.0	2	3.9	0	0.0	30	58.8	0	0.0	5	9.8	0	0.0	1	2.0	0	0.0	0	0.0	0	0.0	39	76.5
	12, 25- 26		F	0	0.0	0	0.0	0	0.0	0	0.0	6	11.8	0	0.0	5	9.8	0	0.0	0	0.0	1	2.0	0	0.0	0	0.0	12	23.5
			Total	0	0.0	0	0.0	2	3.9	0	0.0	36	70.6	0	0.0	10	19.6	0	0.0	1	2.0	1	2.0	0	0.0	0	0.0	51	100.0

[a] The number of fish in each year age and sex category are the actual sample numbers; discrepancies in totals are attributed to rounding errors.

Appendix B.32. Mean length (mm) of chinook salmon caught in the subsistence fishery near Bethel with 15.2 cm (6.0 in) mesh set gillnets. (page 1 of 1)

Year	Sample Date	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1994	5/30, 6/6- 12, 25- 26	M	Mean Length			663		749		836		990			
			Std. Error			108		9		22		-			
			Range			555- 770		660- 870		810- 900		990- 990			
			Sample Size	0	0	2	0	30	0	4	0	1	0	0	0
		F	Mean Length					805		863			915		
			Std. Error					20		22			-		
			Range					740- 865		810- 910			915- 915		
			Sample Size	0	0	0	0	6	0	5	0	0	1	0	0

Appendix B.33. Age and sex of chinook salmon caught in the subsistence fishery near Bethel with 20.3 cm (8.0 in) mesh set gillnets. [a] (page 1 of 1)

Year	Sample Date	Sample Size	Sex	Age Class																									
				0.2		1.1		1.2		0.4		1.3		2.2		1.4		2.3		1.5		2.4		1.6		2.5		Total	
				N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
1995	6/9 - 7/13	84	M	0	0.0	0	0.0	4	4.8	0	0.0	4	4.8	0	0.0	43	51.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	51	60.8
			F	0	0.0	0	0.0	0	0.0	0	0.0	2	2.4	0	0.0	31	36.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	33	39.2
			Total	0	0.0	0	0.0	4	4.8	0	0.0	6	7.2	0	0.0	74	88.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	84	100.0

[a] The number of fish in each year age and sex category are the actual sample numbers; discrepancies in totals are attributed to rounding errors.

Appendix B.34. Mean length (mm) of chinook salmon caught in the subsistence fishery near Bethel with 20.3 cm (8.0 in) mesh set gillnets. (page 1 of 1)

Year	Sample Date	Sex		Age Class											
				0.2	1.1	1.2	2.1	1.3	2.2	1.4	2.3	1.5	2.4	1.6	2.5
1995	6/9 - 7/13	M	Mean Length			527		767		837					
			Std. Error			22		21		9					
			Range			470- 572		717- 807		737- 977					
			Sample Size	0	0	4	0	4	0	43	0	0	0	0	0
		F	Mean Length					842		857					
			Std. Error					74		7					
			Range					768- 915		787- 927					
			Sample Size	0	0	0	0	2	0	31	0	0	0	0	0