

**Salmon age and sex composition and mean lengths for
the Yukon River area, 1999**

by

Richard A. Price

Disclaimer

Data within this report includes age, sex and length data for Chinook, chum and coho salmon from selected projects on the Yukon River in 2000. The information presented is preliminary and may contain errors.

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Chinook Salmon

In 1999, all District 1 and 2 commercial chinook salmon harvest periods were unrestricted gillnet mesh size openings. The commercial catch was dominated by age-6 fish with approximately 81.6% of the catches total harvest. There was a noticeable absence of age-5 fish from the lower river fisheries as they provided approximately 14.2% of the total catch. Sex ratio numbers in District 1 and 2 combined were approximately 43.3% females in the commercial catch. District 4B commercial catch samples taken with unrestricted mesh size gear were predominately age-6 fish with approximately 81.1% of the total catch, and females composed approximately 49.7%. District 4C catch samples of unrestricted mesh size gear were more moderate with age-6 fish with 52.2% of the total harvest. District 5B and C combined commercial fishwheel and unrestricted mesh size samples provided 35.1% age-5 fish and for age-6, 54.3% of the total harvest. District 6B commercial catch samples taken with fish wheels gear caught similar age-5 and age-6 catch proportions approximately 40% each. The moderate increase in age-5 fish in Districts 5 and 6 was thought to be due to fishwheels, which tend to be selective for the smaller fish. The low abundance of age-5 chinook salmon were noticeable in the combined Big Eddy, Middle Mouth and Marshall Test Fisheries unrestricted mesh gillnet catch samples, with approximately 9.6% of the total catch. The sex ratio from chinook salmon samples taken from Big Eddy, Middle Mouth, and Marshall Test Fisheries with unrestricted mesh size gillnets, was approximately 58.6% females. District 5 and 6 subsistence chinook salmon harvest with fish wheel gear was age-5 fish providing approximately 29.9% of the total harvest. Females with fish wheel gear contributed 34.4% of the harvest.

Chinook Salmon Commercial Catch

The estimated age composition of chinook salmon samples collected from **District 1 unrestricted mesh size gillnet** commercial harvest for age-4, age-5, age-6 and age-7 fish was 2.1%, 14.8%, 81.5% and 1.7% respectively. Sex composition was 43.6% females and 56.4% males.

The estimated age composition of chinook salmon samples collected from **District 2 unrestricted mesh size gillnet** commercial harvest for age-4, age-5, age-6 and age-7 fish was 2.3%, 13.7%, 81.8% and 2.2% respectively. Sex composition was 43.1% females and 56.9% males.

The estimated age composition of chinook salmon samples collected from **District 4B unrestricted mesh size gillnet** commercial harvest for age-5, age-6 and age-7 fish was 17.6%, 81.1% and 1.3% respectively. Sex composition was 49.7% females and 50.3% males.

The estimated age composition of chinook salmon samples collected from **District 4C fishwheel** commercial harvest for age-4, age-5, age-6 and age-7 fish was 12.1%, 34.8%, 52.2% and 0.9% respectively. Sex composition was 37.5% females and 62.5% males.

The estimated age composition of chinook salmon samples collected from **District 5B and C unrestricted mesh size gillnet and fishwheel** commercial harvest for age-4, age-5, age-6 and age-7 fish was 8.6%, 35.1%, 54.3% and 2.0% respectively. Sex composition was 42.4% females and 57.6% males.

The estimated age composition of chinook salmon samples collected from **District 6B fishwheel** commercial harvest for age-4, age-5 and age-6 fish was 16.4%, 43.3% and 40.3% respectively. Sex composition was 38.8% females and 61.2% males.

Chinook Salmon Test Fishing Catch

The estimated age composition of chinook salmon samples collected from the **Big Eddy** test fishing project using **unrestricted size mesh gillnets** for age-4, age-5, age-6 and age-7 fish was 0.4%, 9.8%, 87.1% and 2.7% respectively. Sex composition was 63.3% females and 36.7% males.

The estimated age composition of chinook salmon samples collected from the **Middle Mouth** test fishing project using **unrestricted mesh size gillnets** for age-4, age-5, age-6, and age-7 fish was 1.2%, 8.5%, 87.5%, and 2.8% respectively. Sex composition was 58.9% females and 41.1% males.

The estimated age composition of chinook salmon samples collected from the **Marshall** test fishing project using **unrestricted mesh size gillnets** for age-4, age-5, age-6, and age-7 fish was 0.7%, 10.0%, 87.8%, and 1.5% respectively. Sex composition was 53.9% females and 46.1% males.

The estimated age composition of chinook salmon samples collected from **Yukon River Pilot Station Sonar 2.75" drift gillnet** test fishing project for age-3, age-4, age-5 and age-6 fish was 16.7%, 16.7%, 33.3% and 33.3% respectively. Sex composition was 8.3% females and 91.7% males.

The estimated age composition of chinook salmon samples collected from **Yukon River Pilot Station Sonar 4.0" drift gillnet** test fishing project for age-4, age-5 and age-6 fish was 20.8%, 33.3%, and 45.8% respectively. Sex composition was 33.3% females and 66.7% males.

The estimated age composition of chinook salmon samples collected from **Yukon River Pilot Station Sonar 5.25" drift gillnet** test fishing project for age-4, age-5, age-6 and age-7 fish was 23.0%, 19.7%, 54.1% and 3.2% respectively. Sex composition was 34.4% females and 65.6% males.

The estimated age composition of chinook salmon samples collected from **Yukon River Pilot Station Sonar 5.75" drift gillnet** test fishing project for age-5 and age-6 fish was 33.3% and 66.7% respectively. Sex composition was 100.0% females and 0.0% males.

The estimated age composition of chinook salmon samples collected from **Yukon River Pilot Station Sonar 6.50" drift gillnet** test fishing project for age-4, age-5 and age-6 fish was 6.2%, 33.1% and 60.8% respectively. Sex composition was 46.9% females and 53.1% males.

The estimated age composition of chinook salmon samples collected from **Yukon River Pilot Station Sonar 7.50" drift gillnet** test fishing project for age-4, age-5, age-6 and age-7 fish was 5.2%, 22.9%, 70.8% and 1.0% respectively. Sex composition was 60.4% females and 39.6% males.

The estimated age composition of chinook salmon samples collected from **Yukon River Pilot Station Sonar 8.50" drift gillnet** test fishing project for age-4, age-5, age-6 and age-7 fish was 2.4%, 15.2%, 80.8% and 1.6% respectively. Sex composition was 56.8% females and 43.2% males.

The estimated age composition of unweighted chinook salmon samples collected from **Yukon River Pilot Station Sonar combined mesh size** test fishing project for age-3, age-4, age-5, age-6 and age-7 fish was 0.4%, 8.2%, 24.2%, 66.1% and 1.1% respectively. Sex composition was 49.4% females and 50.6% males.

The estimated age composition of chinook salmon samples collected from **Canada's Dawson gillnet** test fishing project for age-5, age-6 and age-7 fish was 19.5%, 79.2% and 1.2% respectively. Sex composition was 51.6% females and 48.4% males.

The estimated age composition of chinook salmon samples collected from **Canada's Sheep Rock fishwheel** test fishing project for age-4, age-5, age-6, and age-7 fish was 3.6%, 30.4%, 65.7%, and 0.3% respectively. Sex composition was 45.2% females and 54.8% males.

The estimated age composition of chinook salmon samples collected from **Canada's White Rock fishwheel** test fishing project for age-3, age-4, age-5, age-6 and age-7 fish was 0.9%, 20.6%, 30.3%, 47.5% and 0.6% respectively. Sex composition was 34.1% females and 65.9% males.

Chinook Salmon Subsistence Harvest

The estimated age composition of chinook salmon samples collected from **District 4 unrestricted mesh size gillnet** subsistence harvest for age-4, age-5, age-6 and age-7 fish was 1.8%, 21.2%, 75.7% and 1.2% respectively. Sex composition was 47.9% females and 52.1% males.

The estimated age composition of chinook salmon samples collected from **District 5B fishwheel** subsistence harvest for age-4, age-5 and age-6 fish was 4.3%, 30.4% and 65.2% respectively. Sex composition was 31.9% females and 68.1% males.

The estimated age composition of chinook salmon samples collected from **District 6B fishwheel** subsistence harvest for age-3, age-4, age-5, age-6 and age-7 fish was 4.1%, 25.4%, 29.5%, 39.3% and 1.6% respectively. Sex composition was 36.9% females and 63.1% males.

Chinook Salmon Escapement Projects

Age composition of chinook salmon samples collected from **Andreafsky River Weir** for age-3, age-4, age-5, age-6 and age-7 fish was 0.3%, 34.5%, 32.2%, 32.5% and 0.6% respectively. Sex composition was 28.6% females and 71.4% males.

Age composition of **carcass** samples collected from **Anvik River** chinook salmon for age-4, age-5 and age-6 fish was 9.3%, 42.6% and 48.1% respectively. Sex composition was 37.9% females and 62.1% males.

Age composition of **carcass** samples collected from **Chatanika River** chinook salmon for age-5 and age-6 fish was 23.8% and 76.2% respectively. Sex composition was 81.0% females and 19.0% males.

Age composition of **carcass and electroshock** samples collected from **Chena River** chinook salmon for age-3, age-4, age-5, age-6 and age-7 fish was 0.9%, 7.9%, 25.2%, 65.4% and 0.6% respectively. Sex composition was 58.8% females and 41.2% males.

Age composition of chinook salmon samples collected from **Gisasa River Weir** project for age-3, age-4, age-5, age-6 and age-7 fish was 0.4%, 16.9%, 41.7%, 40.5% and 0.6% respectively. Sex composition was 26.3% females and 73.7% males.

Age composition of **carcass** samples collected from **Salcha River** chinook salmon for age-4, age-5, age-6 and age-7 fish was 9.1%, 24.1%, 66.4% and 0.3% respectively. Sex composition was 54.7% females and 45.3% males.

Summer Chum Salmon Season

District's 1 and 2 combined commercial summer chum salmon harvest with unrestricted mesh size gillnet composed approximately 58.1% age-5 fish. Sex ratio for District's 1 and 2 combined were approximately 42.2% females. Big Eddy and Middle Mouth combined test fishing percentage of age-5 fish was approximately 50.6% with restricted mesh gillnet. Sex composition in Big Eddy and Middle Mouth combined test fishing catch was approximately 49% females. District 4 commercial chum salmon harvest with restricted mesh size gillnet composed approximately 55.2% age-5 fish. Sex ratio numbers was approximately 53% female. District 6 subsistence chum salmon harvest with fish wheel was predominately composed of age-5 fish providing approximately 71.4% of the total harvest. Female sex percentages with fishwheel gear were approximately 40%.

Summer Chum Salmon Commercial Catch

The estimated age composition of chum salmon samples collected from **District 1 unrestricted mesh size gillnet** commercial harvest for age-3, age-4, age-5 and age-6 fish was 0.2%, 40.0%, 58.7% and 1.2% respectively. Sex composition was 44.2% females and 55.8% males.

The estimated age composition of chum salmon samples collected from **District 2 unrestricted mesh size gillnet** commercial harvest for age-3, age-4, age-5 and age-6 fish was 0.3%, 41.6%, 57.6% and 0.5% respectively. Sex composition was 40.2% females and 59.8% males.

The estimated age composition of chum salmon samples collected from **District 4 unrestricted mesh size gillnet and fishwheel** commercial harvest for age-4, age-5, age-6 and age-7 fish was 41.4%, 55.2%, 3.1% and 0.3% respectively. Sex composition was 53.0% females and 47.0% males.

Summer Chum Salmon Test Fishing Catch

The estimated age composition of chum salmon samples collected from the **Big Eddy** test fishing project using **5.5 inch set gillnets** for age-4, age-5 and age-6 fish was 45.1%, 53.2% and 1.7% respectively. Sex composition was 54.9% females and 45.1% males.

The estimated age composition of chum salmon samples collected from the **Middle Mouth** test fishing project using **5.5 inch set gillnet** for age-3, age-4, age-5 and age-6 fish was 0.7%, 50.6%, 48.1% and 0.6% respectively. Sex composition was 43.1% females and 56.9% males.

Summer Chum Salmon Subsistence Catch

The estimated age composition of chum salmon samples collected from the **District 6B-fishwheel** subsistence harvest for age-4 and age-5 fish was 28.6% and 71.4% respectively. Sex composition was 40.0% females and 60.0% males.

Summer Chum Salmon Escapement Projects

Age composition of chum salmon samples collected from **Andreafsky River Weir** for age-3, age-4, age-5 and age-6 fish was 1.2%, 26.9%, 69.2% and 2.6% respectively. Sex composition was 56.4% females and 43.6% males.

Age composition of chum salmon samples collected from **Anvik River Sonar beach seine** project for age-4, age-5 and age-6 fish was 37.4%, 61.3% and 1.3% respectively. Sex composition was 57.8% females and 42.2% males.

Age composition of chum salmon samples collected from **Gisasa River Weir** for age-3, age-4, age-5 and age-6 fish was 0.1%, 44.4%, 53.5% and 2.0% respectively. Sex composition was 53.1% females and 46.9% males.

Age composition of **carcass** samples collected from **Gisasa River** chum salmon for age-4 and age-5 fish was 37.0% and 63.0% respectively. Sex composition was 25.9% females and 74.1% males.

Age composition of chum salmon samples collected from **Nulato River Tower beach seine** project for age-3, age-4, age-5 and age-6 fish was 0.3%, 66.4%, 31.6% and 1.7% respectively. Sex composition was 64.7% females and 35.3% males.

Fall Chum Salmon Season

Fall Chum Salmon Commercial Catch

The estimated age composition of fall chum salmon samples collected from **District 1 restricted mesh size gillnet** commercial harvest for age-4, age-5 and age-6 fish was 79.2%, 20.5% and 0.3% respectively. Sex composition was 53.6% females and 46.4% males.

Fall Chum Salmon Test Fishing Catch

The estimated age composition of fall chum salmon samples collected from **Big Eddy** test fishing project using **6.0 inch set gillnet** for age-3, age-4, age-5 and age-6 fish was 0.2%, 58.1%, 41.1% and 0.7% respectively. Sex composition was 56.3% females and 43.7% males.

The estimated age composition of fall chum salmon samples collected from **Middle Mouth** test fishing project using **6.0 inch set gillnet** for age-3, age-4, age-5 and age-6 fish was 0.1%, 67.5%, 31.2% and 1.3% respectively. Sex composition was 58.7% females and 41.3% males.

Fall Chum Salmon Escapement Projects

Age composition of **carcass** samples collected from **Delta River** chum salmon for age-3, age-4, age-5 and age-6 fish was 2.2%, 86.0%, 11.3% and 0.5% respectively. Sex composition was 47.8% females and 52.2% males.

Age composition of **carcass** samples collected from **Toklat Springs** chum salmon for age-4, and age-5 was 73.6% and 26.4% respectively. Sex composition was 45.8% females and 54.2% males.

Coho Salmon

Coho Salmon Commercial Catch

The estimated age composition of coho salmon samples collected from **District 1** from **restricted mesh size gillnet** commercial harvest for age-3, age-4 and age-5 fish was 7.5%, 85.0% and 7.5% respectively. Sex composition was 30.0% females and 70.0% males.

Coho Salmon Test Fishing Catch

The estimated age composition of coho salmon samples collected from **Big Eddy** test fishing project using **6.0 inch set gillnet** for age-3, age-4 and age-5 fish was 8.8%, 81.0% and 10.2% respectively. Sex composition was 38.1% females and 61.9% males.

The estimated age composition of coho salmon samples collected from **Middle Mouth** test fishing project using **6.0 inch set gillnet** for age-3, age-4 and age-5 fish was 12.3%, 79.5% and 8.2% respectively. Sex composition was 44.7% females and 55.3% males.

Coho Salmon Escapement Project

Age composition of coho salmon samples collected from **Andreafsky River Weir** project for age-3, age-4 and age-5 fish was 12.9%, 70.7% and 16.4% respectively. Sex composition was 40.0% females and 60.0% males.

Percent age and sex composition of summer chinook salmon,commercially caught & sampled,Yukon River 1999.

Location	Sample Size	Age					Totals
		3	4	5	6	7	
Y-1							
%Male		0.0	2.1	10.8	42.6	0.9	56.4
%Female		0.0	0.0	4.0	38.8	0.8	43.6
Total All Periods	1,857	0.0	2.1	14.8	81.4	1.7	100.0
Y-2							
%Male		0.0	2.2	11.0	42.7	1.0	56.9
%Female		0.0	0.1	2.7	39.1	1.2	43.1
Total All Periods	1,471	0.0	2.3	13.7	81.8	2.2	100.0
Y-4							
%Male		0.0	6.8	25.6	25.1	0.0	57.4
%Female		0.0	0.3	2.1	39.2	1.0	42.6
Total All Periods	383	0.0	7.0	27.7	64.2	1.0	100.0
Y-5							
%Male		0.0	8.6	31.8	16.6	0.7	57.6
%Female		0.0	0.0	3.3	37.7	1.3	42.4
Total All Periods	151	0.0	8.6	35.1	54.3	2.0	100.0
Y-6							
%Male		0.0	16.4	35.8	9.0	0.0	61.2
%Female		0.0	0.0	7.5	31.3	0.0	38.8
Total All Periods	67	0.0	16.4	43.3	40.3	0.0	100.0
Total All Districts							
%Male		0.0	3.1	14.0	37.6	0.8	55.5
%Female		0.0	0.1	3.6	40.0	0.9	44.5
Total	3,929	0.0	3.2	17.6	77.6	1.7	100.0

Percent age and sex composition of summer chum salmon, commercially caught & sampled, Yukon River 1999.

Location	Sample Size	Age					Totals
		3	4	5	6	7	
Y-1							
%Males		0.2	19.6	35.3	0.7	0.0	55.8
%Females		0.0	20.4	23.3	0.5	0.0	44.2
Total All Periods	674	0.2	40.0	58.7	1.2	0.0	100.0
Y-2							
%Males		0.0	21.9	37.7	0.2	0.0	59.8
%Females		0.3	19.7	20.0	0.3	0.0	40.2
Total All Periods	605	0.3	41.6	57.6	0.5	0.0	100.0
Y-4							
%Males		0.0	16.3	28.8	1.6	0.3	47.0
%Females		0.0	25.1	26.3	1.6	0.0	53.0
Total All Periods	319	0.0	41.4	55.2	3.1	0.3	100.0
Total All Districts							
%Males		0.1	21.0	33.2	0.8	0.4	55.4
%Females		0.1	21.8	22.1	0.6	0.0	44.6
Total	1,598	0.1	42.9	55.3	1.3	0.4	100.0

**Percent age and sex composition of fall chum salmon ,commercially caught & sampled
Yukon River 1999**

Location	Age				Totals
	3	4	5	6	
Y-1					
%Males	0.0	36.4	10.0	0.0	46.4
%Females	0.0	42.8	10.5	0.3	53.6
Total All Periods	0.0	79.2	20.5	0.3	100.0
Total All Districts					
%Males	0.0	36.4	10.0	0.0	46.4
%Females	0.0	42.8	10.5	0.3	53.6
Totals	0.0	79.2	20.5	0.3	100.0

Percent age and sex composition of fall coho salmon,commercially caught & sampled, Yukon River 1999.

Location	Age			Totals
	3	4	5	
Y-1				
%Males	5.0	60.0	5.0	70.0
%Females	2.5	27.5	0.0	30.0
Total All Periods	7.5	87.5	5.0	100.0
Total All Districts				
%Males	5.0	60.0	5.0	70.0
%Females	2.5	27.5	0.0	30.0
Totals	7.5	87.5	5.0	100.0

Yukon River salmon age and sex composition of all species, 1999.

Species:	Age					Totals
	3	4	5	6	7	
Chinook Salmon						
%Males	0.0	3.1	14.0	37.6	0.8	55.5
%Females	0.0	0.1	3.6	40.0	0.9	44.5
Total All Districts	0.0	3.2	17.6	77.6	1.7	100.0
Summer Chum Salmon						
%Males	0.1	21.0	33.2	0.8	0.4	55.4
%Females	0.1	21.8	22.1	0.6	0.0	44.6
Total All Districts	0.1	42.9	55.3	1.3	0.4	100.0
Fall Chum Salmon						
%Males	0.0	36.4	10.0	0.0	0.0	46.4
%Females	0.0	42.8	10.5	0.3	0.0	53.6
Total All Districts	0.0	79.2	20.5	0.3	0.0	100.0
Coho Salmon						
%Males	5.0	60.0	5.0	0.0	0.0	70.0
%Females	2.5	27.5	0.0	0.0	0.0	30.0
Total All Districts	7.5	87.5	5.0	0.0	0.0	100.0

Chinook Salmon

Commercial

Catch Data

Yukon River District 1 chinook salmon commercial catch age and sex composition by stratum, and mean length(mm), 1999.

Strata Dates	Sample Size		Brood Year and (Age Group)																		Total			
			1996		1995		1994		1991		1990		1990											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Unrestricted 22-Jun	387	Males	0	0.0	87	0.8	809	7.2	0	0.0	5,833	52.2	29	0.3	58	0.5	29	0.3	0	0.0	0	0.0	6,844	61.2
		Females	0	0.0	0	0.0	347	3.1	0	0.0	3,956	35.4	0	0.0	29	0.3	0	0.0	0	0.0	0	0.0	4,332	38.8
		Subtotal	0	0.0	87	0.8	1,155	10.3	0	0.0	9,790	87.6	29	0.3	87	0.8	29	0.3	0	0.0	0	0.0	11,176	100.0
Unrestricted 26-Jun	372	Males	0	0.0	211	2.2	1,106	11.3	0	0.0	4,582	46.8	0	0.0	79	0.8	0	0.0	0	0.0	0	0.0	5,978	61.0
		Females	0	0.0	0	0.0	158	1.6	0	0.0	3,634	37.1	0	0.0	26	0.3	0	0.0	0	0.0	0	0.0	3,819	39.0
		Subtotal	0	0.0	211	2.2	1,264	12.9	0	0.0	8,217	83.9	0	0.0	105	1.1	0	0.0	0	0.0	0	0.0	9,797	100.0
Unrestricted 30-Jun	367	Males	0	0.0	267	3.5	802	10.6	0	0.0	2,550	33.8	0	0.0	62	0.8	0	0.0	0	0.0	0	0.0	3,867	48.8
		Females	0	0.0	0	0.0	473	6.3	0	0.0	3,270	43.3	0	0.0	82	1.1	41	0.5	0	0.0	0	0.0	3,681	51.2
		Subtotal	0	0.0	267	3.5	1,275	16.9	0	0.0	5,820	77.1	0	0.0	144	1.9	41	0.5	0	0.0	0	0.0	7,548	100.0
Unrestricted 03-Jul	364	Males	0	0.0	190	3.0	985	15.7	0	0.0	2,091	33.2	0	0.0	52	0.8	52	0.8	0	0.0	0	0.0	3,369	53.6
		Females	0	0.0	0	0.0	432	6.9	0	0.0	2,419	38.5	0	0.0	52	0.8	17	0.3	0	0.0	0	0.0	2,920	46.4
		Subtotal	0	0.0	190	3.0	1,417	22.5	0	0.0	4,509	71.7	0	0.0	104	1.7	69	1.1	0	0.0	0	0.0	6,289	100.0
Unrestricted 07-Jul	367	Males	0	0.0	32	1.4	318	13.6	0	0.0	732	31.3	0	0.0	13	0.6	0	0.0	0	0.0	0	0.0	1,094	46.9
		Females	0	0.0	0	0.0	83	3.6	0	0.0	1,139	48.8	0	0.0	19	0.8	0	0.0	0	0.0	0	0.0	1,241	53.1
		Subtotal	0	0.0	32	1.4	401	17.2	0	0.0	1,871	80.1	0	0.0	32	1.4	0	0.0	0	0.0	0	0.0	2,335	100.0
Season Total	1,857	Males	0	0.0	787	2.1	4,020	10.8	0	0.0	15,788	42.5	29	0.1	264	0.7	81	0.2	0	0.0	0	0.0	21,152	56.5
		Females	0	0.0	0	0.0	1,493	4.0	0	0.0	14,418	38.8	0	0.0	208	0.6	58	0.2	0	0.0	0	0.0	15,993	43.6
		Total	0	0.0	787	2.1	5,513	14.8	0	0.0	30,206	81.3	29	0.1	472	1.3	139	0.4	0	0.0	0	0.0	37,145	100.0
Mean Length Std. Error	Males		0.0	550.8	732.9	0.0	848.1	850.0	862.7	855.0	0.0	0.0												
			0.0	48.8	70.9	0.0	55.6	0.0	42.2	52.3	0.0	0.0												
Mean Length Std. Error	Females		0.0	0.0	786.2	0.0	850.8	0.0	872.1	795.0	0.0	0.0												
			0.0	0.0	75.0	0.0	44.8	0.0	28.9	8.7	0.0	0.0												

Yukon River District 2 chinook salmon commercial gillnet catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)																		Total			
			1996		1995		1994		1993		1992		1991											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.										
Unrestricted 25-Jun	373	Males	0	0.0	150	1.9	708	8.9	0	0.0	3,796	47.5	0	0.0	64	0.8	0	0.0	0	0.0	0	0.0	4,718	59.0
		Females	0	0.0	0	0.0	129	1.6	0	0.0	3,067	38.3	0	0.0	86	1.1	0	0.0	0	0.0	0	0.0	3,282	41.0
		Subtotal	0	0.0	150	1.9	836	10.5	0	0.0	6,863	85.8	0	0.0	150	1.9	0	0.0	0	0.0	0	0.0	8,000	100.0
Unrestricted 28-Jun	366	Males	0	0.0	210	2.7	842	10.9	0	0.0	3,787	49.2	0	0.0	84	1.1	0	0.0	0	0.0	0	0.0	4,923	63.9
		Females	0	0.0	21	0.3	231	3.0	0	0.0	2,419	31.4	0	0.0	105	1.4	0	0.0	0	0.0	0	0.0	2,777	36.1
		Subtotal	0	0.0	231	3.0	1,073	13.9	0	0.0	6,206	80.6	0	0.0	189	2.5	0	0.0	0	0.0	0	0.0	7,700	100.0
Unrestricted 02-Jul	370	Males	0	0.0	158	2.2	848	11.6	0	0.0	2,664	36.5	0	0.0	79	1.1	39	0.5	0	0.0	0	0.0	3,788	51.9
		Females	0	0.0	0	0.0	197	2.7	0	0.0	3,216	44.1	0	0.0	39	0.5	59	0.8	0	0.0	0	0.0	3,512	48.1
		Subtotal	0	0.0	158	2.2	1,046	14.3	0	0.0	5,879	80.5	0	0.0	118	1.6	99	1.3	0	0.0	0	0.0	7,300	100.0
Unrestricted 05-Jul	362	Males	0	0.0	95	2.2	594	13.8	0	0.0	1,390	32.3	24	0.6	12	0.3	0	0.0	0	0.0	0	0.0	2,114	49.2
		Females	0	0.0	0	0.0	190	4.4	0	0.0	1,960	45.6	0	0.0	12	0.3	24	0.6	0	0.0	0	0.0	2,186	50.8
		Subtotal	0	0.0	95	2.2	784	18.2	0	0.0	3,350	77.9	24	0.6	24	0.6	24	0.6	0	0.0	0	0.0	4,300	100.0
Season Total	1,471	Males	0	0.0	613	2.2	2,992	11.0	0	0.0	11,637	42.6	24	0.1	239	0.9	39	0.1	0	0.0	0	0.0	15,543	56.9
		Females	0	0.0	21	0.1	747	2.7	0	0.0	10,662	39.1	0	0.0	242	0.9	83	0.3	0	0.0	0	0.0	11,757	43.1
		Total	0	0.0	634	2.3	3,739	13.7	0	0.0	22,299	81.7	24	0.1	481	1.8	122	0.4	0	0.0	0	0.0	27,300	100.0
Mean Length Std. Error		Males	0.0	558.0	726.8	0.0	832.3	745.0	868.3	832.5	0.0	0.0												
			0.0	59.2	60.8	0.0	59.2	28.3	49.0	38.9	0.0	0.0												
Mean Length Std. Error		Females	0.0	640.0	787.3	0.0	841.0	0.0	864.6	835.0	0.0	0.0												
			0.0	0.0	54.4	0.0	46.3	0.0	45.7	58.9	0.0	0.0												

Yukon River District 4B chinook salmon commercial set gillnet catch sample age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)																		Total			
			1996		1995		1994		1993		1992		1991											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.										
		No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.			
Jul 9-12	53	Males	0	0.0	0	0.0	9	17.0	0	0.0	21	39.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	30	56.6
		Females	0	0.0	0	0.0	0	0.0	0	0.0	22	41.5	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	23	43.4
		Subtotal	0	0.0	0	0.0	9	17.0	0	0.0	43	81.1	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	53	100.0
13-Jul	35	Males	0	0.0	0	0.0	3	8.6	0	0.0	12	34.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	15	42.9
		Females	0	0.0	0	0.0	0	0.0	0	0.0	20	57.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	20	57.1
		Subtotal	0	0.0	0	0.0	3	8.6	0	0.0	32	91.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	35	100.0
Jul 15-16	71	Males	0	0.0	0	0.0	13	18.3	0	0.0	22	31.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	35	49.3
		Females	0	0.0	0	0.0	3	4.2	0	0.0	32	45.1	0	0.0	1	1.4	0	0.0	0	0.0	0	0.0	36	50.7
		Subtotal	0	0.0	0	0.0	16	22.5	0	0.0	54	76.1	0	0.0	1	1.4	0	0.0	0	0.0	0	0.0	71	100.0
Season Total	159	Males	0	0.0	0	0.0	25	15.7	0	0.0	55	34.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	80	50.3
		Females	0	0.0	0	0.0	3	1.9	0	0.0	74	46.5	0	0.0	2	1.3	0	0.0	0	0.0	0	0.0	79	49.7
		Total	0	0.0	0	0.0	28	17.6	0	0.0	129	81.1	0	0.0	2	1.3	0	0.0	0	0.0	0	0.0	159	100.0
Mean Length		Males	0.0	0.0	736.0	0.0	854.0	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			
			Std. Error	0.0	0.0	12.0	0.0	7.0	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			
Mean Length		Females	0.0	0.0	865.0	0.0	875.0	0.0	888.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
			Std. Error	0.0	0.0	35.0	0.0	6.0	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			

Yukon River District 4C chinook salmon commercial fish wheel catch sample age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)																Total					
			1996		1995		1994		1993		1992		1991											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.										
		No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.			
08-Jul	66	Males	0	0.0	2	3.0	22	33.3	0	0.0	12	18.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	36	54.5
		Females	0	0.0	0	0.0	1	1.5	0	0.0	29	43.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	30	45.5
		Subtotal	0	0.0	2	3.0	23	34.8	0	0.0	41	62.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	66	100.0
09-Jul	70	Males	0	0.0	10	14.3	29	41.5	0	0.0	14	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	53	75.7
		Females	0	0.0	0	0.0	1	1.4	0	0.0	15	21.4	0	0.0	1	1.4	0	0.0	0	0.0	0	0.0	17	24.3
		Subtotal	0	0.0	10	14.3	30	42.9	0	0.0	29	41.4	0	0.0	1	1.4	0	0.0	0	0.0	0	0.0	70	100.0
12-Jul	88	Males	0	0.0	14	15.9	22	25.0	0	0.0	15	17.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	51	58.0
		Females	0	0.0	1	1.1	3	3.4	0	0.0	32	36.4	0	0.0	1	1.1	0	0.0	0	0.0	0	0.0	37	42.0
		Subtotal	0	0.0	15	17.0	25	28.4	0	0.0	47	53.4	0	0.0	1	1.1	0	0.0	0	0.0	0	0.0	88	100.0
Season Total	224	Males	0	0.0	26	11.6	73	32.6	0	0.0	41	18.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	140	62.5
		Females	0	0.0	1	0.5	5	2.2	0	0.0	76	33.9	0	0.0	2	0.9	0	0.0	0	0.0	0	0.0	84	37.5
		Total	0	0.0	27	12.1	78	34.8	0	0.0	117	52.2	0	0.0	2	0.9	0	0.0	0	0.0	0	0.0	224	100.0
Mean Length Std. Error	Males		0.0	547.0	690.0	0.0	779.0	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	8.0	7.0	0.0	9.0	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			
Mean Length Std. Error	Females		0.0	0.0	788.0	0.0	843.0	0.0	850.0	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	32.0	0.0	7.0	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			

Yukon River District 5B and C chinook salmon commercial set gillnet and fish wheel catch sample age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)																Total					
			1996		1995		1994		1993		1992		1991											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.										
14-Jul	45 ^a	Males	0	0.0	7	15.6	15	33.4	0	0.0	10	22.2	0	0.0	1	2.2	0	0.0	0	0.0	0	0.0	33	73.3
		Females	0	0.0	0	0.0	1	2.2	0	0.0	11	24.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	26.7
		Subtotal	0	0.0	7	15.6	16	35.6	0	0.0	21	46.7	0	0.0	1	2.2	0	0.0	0	0.0	0	0.0	45	100.0
16-Jul	45 ^b	Males	0	0.0	1	2.2	13	28.9	0	0.0	11	24.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	25	55.6
		Females	0	0.0	0	0.0	2	4.4	0	0.0	18	40.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	20	44.4
		Subtotal	0	0.0	1	2.2	15	33.3	0	0.0	29	64.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	45	100.0
18-Jul	61 ^b	Males	0	0.0	5	8.2	20	32.8	0	0.0	4	6.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	29	47.5
		Females	0	0.0	0	0.0	2	3.3	0	0.0	28	45.9	0	0.0	2	3.3	0	0.0	0	0.0	0	0.0	32	52.5
		Subtotal	0	0.0	5	8.2	22	36.1	0	0.0	32	52.5	0	0.0	2	3.3	0	0.0	0	0.0	0	0.0	61	100.0
Season Total	151	Males	0	0.0	13	8.6	48	31.8	0	0.0	25	16.6	0	0.0	1	0.7	0	0.0	0	0.0	0	0.0	87	57.6
		Females	0	0.0	0	0.0	5	3.3	0	0.0	57	37.7	0	0.0	2	1.3	0	0.0	0	0.0	0	0.0	64	42.4
		Total	0	0.0	13	8.6	53	35.1	0	0.0	82	54.3	0	0.0	3	2.0	0	0.0	0	0.0	0	0.0	151	100.0
Mean Length Std. Error	Males		0.0	553.0	690.0	0.0	808.0	0.0	970.0	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	8.0	9.0	0.0	11.0	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	
Mean Length Std. Error	Females		0.0	0.0	723.0	0.0	841.0	0.0	908.0	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	44.0	0.0	6.0	0.0	8.0	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	

^a Samples from commercial fish wheels in Subdistrict B.

^b Samples from processors who mixed gear types from commercial fish wheels and gillnets in Subdistrict B,C.

Yukon River District 6B chinook salmon commercial fish wheel catch sample age and sex composition by stratum, 1999.

Strata	Sample Size		Brood Year and (Age Group)																				Total	
			1996		1995		1994		1993		1992		1991											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.	No.	Per.								
Season Total	67	Males	0	0.0	11	16.4	24	35.8	0	0.0	6	9.0	0	0.0	0	0.0	0	0.0	0	0.0	41	61.2		
		Females	0	0.0	0	0.0	5	7.5	0	0.0	21	31.3	0	0.0	0	0.0	0	0.0	0	0.0	26	38.8		
		Total	0	0.0	11	16.4	29	43.3	0	0.0	27	40.3	0	0.0	0	0.0	0	0.0	0	0.0	67	100.0		

Chinook Salmon

Test Fishing

Catch Data

Big Eddy chinook salmon set gillnet 8.5" test fishing catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)																				Total	
			1996		1995		1994		1993		1992		1991											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.										
Jun 6-18	95	Males	0	0.0	0	0.0	7	7.4	0	0.0	27	28.4	0	0.0	3	3.2	0	0.0	0	0.0	0	0.0	37	38.9
		Females	0	0.0	0	0.0	1	1.0	0	0.0	57	60.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	58	61.1
		Subtotal	0	0.0	0	0.0	8	8.4	0	0.0	84	88.4	0	0.0	3	3.2	0	0.0	0	0.0	0	0.0	95	100.0
Jun 19-23	111	Males	0	0.0	0	0.0	3	2.7	0	0.0	37	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	40	36.0
		Females	0	0.0	0	0.0	2	1.8	0	0.0	65	58.6	0	0.0	4	3.6	0	0.0	0	0.0	0	0.0	71	64.0
		Subtotal	0	0.0	0	0.0	5	4.5	0	0.0	102	91.9	0	0.0	4	3.6	0	0.0	0	0.0	0	0.0	111	100.0
Jun 24-28	100	Males	0	0.0	0	0.0	6	6.0	0	0.0	33	33.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	39	39.0
		Females	0	0.0	0	0.0	1	1.0	0	0.0	58	58.0	0	0.0	2	2.0	0	0.0	0	0.0	0	0.0	61	61.0
		Subtotal	0	0.0	0	0.0	7	7.0	0	0.0	91	91.0	0	0.0	2	2.0	0	0.0	0	0.0	0	0.0	100	100.0
Jun 29-Jul 3	104	Males	0	0.0	2	1.9	8	7.7	0	0.0	24	23.1	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	35	33.7
		Females	0	0.0	0	0.0	3	2.9	0	0.0	64	61.5	0	0.0	2	1.9	0	0.0	0	0.0	0	0.0	69	66.3
		Subtotal	0	0.0	2	1.9	11	10.6	0	0.0	88	84.6	0	0.0	3	2.9	0	0.0	0	0.0	0	0.0	104	100.0
Jul 4-15	100	Males	0	0.0	0	0.0	11	11.0	0	0.0	24	24.0	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	36	36.0
		Females	0	0.0	0	0.0	8	8.0	0	0.0	55	55.0	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	64	64.0
		Subtotal	0	0.0	0	0.0	19	19.0	0	0.0	79	79.0	0	0.0	2	2.0	0	0.0	0	0.0	0	0.0	100	100.0
Season Total	510	Males	0	0.0	2	0.4	35	6.9	0	0.0	145	28.5	0	0.0	5	1.0	0	0.0	0	0.0	0	0.0	187	36.7
		Females	0	0.0	0	0.0	15	2.9	0	0.0	299	58.6	0	0.0	9	1.7	0	0.0	0	0.0	0	0.0	323	63.3
		Total	0	0.0	2	0.4	50	9.8	0	0.0	444	87.1	0	0.0	14	2.7	0	0.0	0	0.0	0	0.0	510	100.0
Mean Length Std. Error	Males		0.0	560.0	774.0	0.0	842.0	0.0	924.0	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	50.0	10.0	0.0	4.0	0.0	27.0	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	
Mean Length Std. Error	Females		0.0	0.0	832.0	0.0	871.0	0.0	897.0	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	11.0	0.0	2.0	0.0	19.0	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	

Middle Mouth chinook salmon set gillnet 8.5" test fishing catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)																		Total			
			1996		1995		1994		1993		1992		1991											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.										
Jun 13-21	93	Males	0	0.0	0	0.0	4	4.3	0	0.0	65	69.9	0	0.0	1	1.1	0	0.0	0	0.0	0	0.0	70	75.3
		Females	0	0.0	0	0.0	0	0.0	0	0.0	22	23.6	0	0.0	1	1.1	0	0.0	0	0.0	0	0.0	23	24.7
		Subtotal	0	0.0	0	0.0	4	4.3	0	0.0	87	93.5	0	0.0	2	2.2	0	0.0	0	0.0	0	0.0	93	100.0
Jun 22-25	91	Males	0	0.0	2	2.2	3	3.3	0	0.0	33	36.3	0	0.0	2	2.2	0	0.0	0	0.0	0	0.0	40	44.0
		Females	0	0.0	0	0.0	3	3.3	0	0.0	45	49.4	0	0.0	3	3.3	0	0.0	0	0.0	0	0.0	51	56.0
		Subtotal	0	0.0	2	2.2	6	6.6	0	0.0	78	85.7	0	0.0	5	5.5	0	0.0	0	0.0	0	0.0	91	100.0
Jun 26-29	86	Males	0	0.0	1	1.2	2	2.3	0	0.0	23	26.8	0	0.0	1	1.2	0	0.0	0	0.0	0	0.0	27	31.4
		Females	0	0.0	0	0.0	6	7.0	0	0.0	51	59.3	0	0.0	2	2.3	0	0.0	0	0.0	0	0.0	59	68.6
		Subtotal	0	0.0	1	1.2	8	9.3	0	0.0	74	86.1	0	0.0	3	3.5	0	0.0	0	0.0	0	0.0	86	100.0
Jun 30-Jul 3	74	Males	0	0.0	1	1.4	2	2.7	0	0.0	13	17.6	0	0.0	2	2.7	0	0.0	0	0.0	0	0.0	18	24.3
		Females	0	0.0	0	0.0	7	9.5	0	0.0	49	66.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	56	75.7
		Subtotal	0	0.0	1	1.4	9	12.2	0	0.0	62	83.8	0	0.0	2	2.7	0	0.0	0	0.0	0	0.0	74	100.0
Jul 4-15	89	Males	0	0.0	1	1.1	5	5.6	0	0.0	17	19.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	23	25.8
		Females	0	0.0	0	0.0	5	5.6	0	0.0	61	68.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	66	74.2
		Subtotal	0	0.0	1	1.1	10	11.2	0	0.0	78	87.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	89	100.0
Season Total	433	Males	0	0.0	5	1.2	16	3.7	0	0.0	151	34.9	0	0.0	6	1.4	0	0.0	0	0.0	0	0.0	178	41.1
		Females	0	0.0	0	0.0	21	4.8	0	0.0	228	52.6	0	0.0	6	1.4	0	0.0	0	0.0	0	0.0	255	58.9
		Total	0	0.0	5	1.2	37	8.5	0	0.0	379	87.5	0	0.0	12	2.8	0	0.0	0	0.0	0	0.0	433	100.0
Mean Length Std. Error	Males		0.0	558.0	732.0	0.0	853.0	0.0	867.0	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	23.0	27.0	0.0	7.0	0.0	18.0	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	
Mean Length Std. Error	Females		0.0	0.0	799.0	0.0	865.0	0.0	903.0	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	14.0	0.0	3.0	0.0	23.0	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	

Marshall chinook salmon 8.5" drift gillnet test fishing catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)																		Total			
			1996		1995		1994		1993		1992		1991											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.										
Jun 21-25	80	Males	0	0.0	0	0.0	3	3.8	0	0.0	31	38.8	0	0.0	2	2.5	0	0.0	0	0.0	0	0.0	36	45.0
		Females	0	0.0	0	0.0	3	3.7	0	0.0	41	51.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	44	55.0
		Subtotal	0	0.0	0	0.0	6	7.5	0	0.0	72	90.0	0	0.0	2	2.5	0	0.0	0	0.0	0	0.0	80	100.0
Jun 26-Jul1	95	Males	0	0.0	0	0.0	7	7.4	0	0.0	46	48.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	53	55.8
		Females	0	0.0	0	0.0	2	2.1	0	0.0	38	40.0	1	1.1	1	1.1	0	0.0	0	0.0	0	0.0	42	44.2
		Subtotal	0	0.0	0	0.0	9	9.5	0	0.0	84	88.4	1	1.1	1	1.1	0	0.0	0	0.0	0	0.0	95	100.0
Jul 2-15	96	Males	0	0.0	0	0.0	11	11.5	0	0.0	24	25.0	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	36	37.5
		Females	0	0.0	2	2.1	1	1.0	0	0.0	57	59.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	60	62.5
		Subtotal	0	0.0	2	2.1	12	12.5	0	0.0	81	84.4	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	96	100.0
Season Total	271	Males	0	0.0	0	0.0	21	7.8	0	0.0	101	37.3	0	0.0	3	1.1	0	0.0	0	0.0	0	0.0	125	46.1
		Females	0	0.0	2	0.7	6	2.2	0	0.0	136	50.1	1	0.4	1	0.4	0	0.0	0	0.0	0	0.0	146	53.9
		Total	0	0.0	2	0.7	27	10.0	0	0.0	237	87.4	1	0.4	4	1.5	0	0.0	0	0.0	0	0.0	271	100.0
Mean Length		Males	0.0	0.0	776.0	0.0	855.0	0.0	910.0	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	
Std. Error			0.0	0.0	15.0	0.0	7.0	0.0	20.0	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		
Mean Length		Females	0.0	580.0	748.0	0.0	853.0	845.0	920.0	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	
Std. Error			0.0	5.0	33.0	0.0	4.0	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	

Yukon River Pilot Station Sonar chinook salmon test fishing unweighted catch age and sex composition, by mesh size, 1999.

Mesh Size	Sample Size		Brood Year and (Age Group)																		Total			
			1996		1995		1994		1991		1990		1990											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
2.75" Mesh Size	10	Males	2	16.7	2	16.7	4	33.3	0	0.0	3	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	11	91.7
		Females	0	0.0	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	1	8.3
		Subtotal	2	16.7	2	16.7	4	33.3	0	0.0	4	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	100.0
4.0" Mesh Size	24	Males	0	0.0	4	16.7	7	29.2	0	0.0	5	20.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	16	66.7
		Females	0	0.0	1	4.2	1	4.2	0	0.0	6	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8	33.3
		Subtotal	0	0.0	5	20.8	8	33.3	0	0.0	11	45.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	24	100.0
5.25" Mesh Size	61	Males	0	0.0	14	23.0	11	18.0	0	0.0	14	23.0	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	40	65.6
		Females	0	0.0	0	0.0	1	1.6	0	0.0	19	31.1	0	0.0	1	1.6	0	0.0	0	0.0	0	0.0	21	34.4
		Subtotal	0	0.0	14	23.0	12	19.7	0	0.0	33	54.1	0	0.0	1	1.6	1	1.6	0	0.0	0	0.0	61	100.0
5.75" Mesh Size	3	Males	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
		Females	0	0.0	0	0.0	1	33.3	0	0.0	2	66.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
		Subtotal	0	0.0	0	0.0	1	33.3	0	0.0	2	66.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
6.50" Mesh Size	130	Males	0	0.0	6	4.6	27	20.8	0	0.0	36	27.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	69	53.1
		Females	0	0.0	2	1.5	16	12.3	0	0.0	43	33.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	61	46.9
		Subtotal	0	0.0	8	6.2	43	33.1	0	0.0	79	60.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	130	100.0
7.50" Mesh Size	96	Males	0	0.0	4	4.2	14	14.6	0	0.0	20	20.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	38	39.6
		Females	0	0.0	1	1.0	8	8.3	0	0.0	48	50.0	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	58	60.4
		Subtotal	0	0.0	5	5.2	22	22.9	0	0.0	68	70.8	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	96	100.0
8.50" Mesh Size	125	Males	0	0.0	2	1.6	10	8.0	0	0.0	41	32.8	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	54	43.2
		Females	0	0.0	1	0.8	9	7.2	0	0.0	59	47.2	1	0.8	1	0.8	0	0.0	0	0.0	0	0.0	71	56.8
		Subtotal	0	0.0	3	2.4	19	15.2	0	0.0	100	80.0	1	0.8	2	1.6	0	0.0	0	0.0	0	0.0	125	100.0
Season Total Mesh Sizes Combined	451	Males	2	0.4	32	7.1	73	16.2	0	0.0	119	26.4	0	0.0	1	0.2	1	0.2	0	0.0	0	0.0	228	50.6
		Females	0	0.0	5	1.1	36	8.0	0	0.0	178	39.5	1	0.2	3	0.7	0	0.0	0	0.0	0	0.0	223	49.4
		Total	2	0.4	37	8.2	109	24.2	0	0.0	297	65.9	1	0.2	4	0.9	1	0.2	0	0.0	0	0.0	451	100.0

Yukon River Canadian Commercial chinook salmon drift gillnet catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)																		Total	
			1995		1994		1993		1992		1991		1990									
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.								
19-Jul	37	Males	0	0.0	0	0.0	3	8.1	0	0.0	22	59.5	0	0.0	0	0.0	0	0.0	0	0.0	25	67.6
		Females	0	0.0	0	0.0	0	0.0	12	32.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	32.4
		Subtotal	0	0.0	0	0.0	3	8.1	0	0.0	34	91.9	0	0.0	0	0.0	0	0.0	0	0.0	37	100.0
25-Jul	72	Males	0	0.0	0	0.0	12	16.7	0	0.0	18	25.0	0	0.0	0	0.0	0	0.0	0	0.0	30	41.7
		Females	0	0.0	0	0.0	6	8.3	0	0.0	36	50.0	0	0.0	0	0.0	0	0.0	0	0.0	42	58.3
		Subtotal	0	0.0	0	0.0	18	25.0	0	0.0	54	75.0	0	0.0	0	0.0	0	0.0	0	0.0	72	100.0
26-Jul	21	Males	0	0.0	0	0.0	1	4.8	0	0.0	7	33.4	0	0.0	0	0.0	1	4.8	0	0.0	9	42.9
		Females	0	0.0	0	0.0	2	9.5	0	0.0	10	47.6	0	0.0	0	0.0	0	0.0	0	0.0	12	57.1
		Subtotal	0	0.0	0	0.0	3	14.3	0	0.0	17	81.0	0	0.0	0	0.0	1	4.8	0	0.0	21	100.0
09-Aug	29	Males	0	0.0	0	0.0	4	13.8	0	0.0	9	31.0	0	0.0	0	0.0	0	0.0	0	0.0	13	44.8
		Females	0	0.0	0	0.0	3	10.3	0	0.0	12	41.4	0	0.0	1	3.4	0	0.0	0	0.0	16	55.2
		Subtotal	0	0.0	0	0.0	7	24.1	0	0.0	21	72.4	0	0.0	1	3.4	0	0.0	0	0.0	29	100.0
Total	159	Males	0	0.0	0	0.0	20	12.6	0	0.0	56	35.2	0	0.0	0	0.0	1	0.6	0	0.0	77	48.4
		Females	0	0.0	0	0.0	11	6.9	0	0.0	70	44.0	0	0.0	1	0.6	0	0.0	0	0.0	82	51.6
		Total	0	0.0	0	0.0	31	19.5	0	0.0	126	79.2	0	0.0	1	0.6	1	0.6	0	0.0	159	100.0
Mean Length		Males	0.0	0.0	816.0	0.0	897.0	0.0	0.0	890.0	0.0	0.0	0.0	0.0	0.0	0.0						
Std. Error			0.0	0.0	20.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Mean Length		Females	0.0	0.0	841.0	0.0	921.0	0.0	990.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
Std. Error			0.0	0.0	23.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						

Yukon River Canadian Sheep Rock chinook salmon test fishing fishwheel catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)																		Total					
			1995		1994		1993		1992		1991		1990		No.	Per.										
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)														
No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.							
18-19-Jul	57	Males	0	0.0	0	0.0	16	28.1	0	0.0	12	21.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	28	49.1		
		Females	0	0.0	0	0.0	0	0.0	0	0.0	29	50.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	29	50.9		
		Subtotal	0	0.0	0	0.0	16	28.1	0	0.0	41	71.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	57	100.0		
22-24-Jul	56	Males	0	0.0	1	1.8	17	30.4	0	0.0	13	23.2	0	0.0	1	1.8	0	0.0	0	0.0	0	0.0	0	0.0	32	57.1
		Females	0	0.0	0	0.0	4	7.1	0	0.0	20	35.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	24	42.9		
		Subtotal	0	0.0	1	1.8	21	37.5	0	0.0	33	58.9	0	0.0	1	1.8	0	0.0	0	0.0	0	0.0	56	100.0		
25-26-Jul	61	Males	0	0.0	2	3.3	17	27.9	0	0.0	17	27.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	36	59.0
		Females	0	0.0	0	0.0	3	4.9	0	0.0	22	36.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	25	41.0		
		Subtotal	0	0.0	2	3.3	20	32.8	0	0.0	39	63.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	61	100.0		
27-Jul	65	Males	0	0.0	5	7.7	18	27.7	0	0.0	17	26.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	40	61.5
		Females	0	0.0	0	0.0	2	3.1	0	0.0	23	35.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	25	38.5		
		Subtotal	0	0.0	5	7.7	20	30.8	0	0.0	40	61.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	65	100.0		
28-31-Jul	61	Males	0	0.0	2	3.3	10	16.4	0	0.0	19	31.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	31	50.8
		Females	0	0.0	0	0.0	5	8.2	0	0.0	25	41.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	30	49.2		
		Subtotal	0	0.0	2	3.3	15	24.6	0	0.0	44	72.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	61	100.0		
01-07, 25-Aug	32	Males	0	0.0	2	6.3	2	6.2	0	0.0	11	34.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	15	46.9
		Females	0	0.0	0	0.0	7	21.9	0	0.0	10	31.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	17	53.1		
		Subtotal	0	0.0	2	6.3	9	28.1	0	0.0	21	65.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	32	100.0		
Season Total	332	Males	0	0.0	12	3.6	80	24.1	0	0.0	89	26.8	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	0	0.0	182	54.8
		Females	0	0.0	0	0.0	21	6.3	0	0.0	129	38.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	150	45.2		
		Total	0	0.0	12	3.6	101	30.4	0	0.0	218	65.7	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	332	100.0		
Mean Length Std. Error	Males		0.0	594.0	736.0	0.0	830.0	0.0	850.0	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	19.0	8.0	0.0	8.0	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					
Mean Length Std. Error	Females		0.0	0.0	827.0	0.0	865.0	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	12.0	0.0	5.0	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					

Yukon River Canadian White Rock chinook salmon test fishing fishwheel catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)																Total					
			1995		1994		1993		1992		1991		1990											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.										
		No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.			
15-20-Jul	62	Males	0	0.0	4	6.5	18	29.1	0	0.0	19	30.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	41	66.1
		Females	0	0.0	0	0.0	2	3.2	0	0.0	19	30.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	21	33.9
		Subtotal	0	0.0	4	6.5	20	32.3	0	0.0	38	61.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	62	100.0
22-24-Jul	63	Males	0	0.0	4	6.3	20	31.7	0	0.0	15	23.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	39	61.9
		Females	0	0.0	0	0.0	2	3.2	0	0.0	22	34.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	24	38.1
		Subtotal	0	0.0	4	6.3	22	34.9	0	0.0	37	58.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	63	100.0
25-28-Jul	53	Males	1	1.9	9	17.0	19	35.8	0	0.0	9	17.0	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	39	73.6
		Females	0	0.0	0	0.0	1	1.9	0	0.0	12	22.6	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	14	26.4
		Subtotal	1	1.9	9	17.0	20	37.7	0	0.0	21	39.6	0	0.0	2	3.8	0	0.0	0	0.0	0	0.0	53	100.0
01-02-Aug	69	Males	0	0.0	20	29.0	17	24.6	0	0.0	10	14.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	47	68.1
		Females	0	0.0	0	0.0	5	7.3	0	0.0	17	24.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	22	31.9
		Subtotal	0	0.0	20	29.0	22	31.9	0	0.0	27	39.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	69	100.0
06-10, 30-Aug	73	Males	2	2.7	29	39.7	10	13.7	0	0.0	4	5.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	45	61.6
		Females	0	0.0	0	0.0	3	4.1	0	0.0	25	34.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	28	38.4
		Subtotal	2	2.7	29	39.7	13	17.8	0	0.0	29	39.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	73	100.0
Season Total	320	Males	3	0.9	66	20.6	84	26.3	0	0.0	57	17.8	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	211	65.9
		Females	0	0.0	0	0.0	13	4.1	0	0.0	95	29.7	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	109	34.1
		Total	3	0.9	66	20.6	97	30.3	0	0.0	152	47.5	0	0.0	2	0.6	0	0.0	0	0.0	0	0.0	320	100.0
Mean Length Std. Error	Males		500.0		544.0		734.0		0.0		847.0		0.0		1080.0		0.0		0.0		0.0			
			20.0		7.0		9.0		0.0		18.0		0.0		0.0		0.0		0.0		0.0			
Mean Length Std. Error	Females		0.0		0.0		822.0		0.0		855.0		0.0		850.0		0.0		0.0		0.0			
			0.0		0.0		14.0		0.0		7.0		0.0		0.0		0.0		0.0		0.0			

Chinook Salmon

Subsistence

Catch Data

Yukon River District 4 chinook salmon subsistence drift gillnet catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)												Total									
			1996		1995		1994		1993		1992		1991											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.	No.	Per.								
Season Total	165	Males	0	0.0	2	1.2	32	19.4	0	0.0	52	31.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	86	52.1
		Females	0	0.0	1	0.6	3	1.8	0	0.0	73	44.2	0	0.0	2	1.2	0	0.0	0	0.0	0	0.0	79	47.9
		Subtotal	0	0.0	3	1.8	35	21.2	0	0.0	125	75.7	0	0.0	2	1.2	0	0.0	0	0.0	0	0.0	165	100.0
Mean Length		Males	0.0	555.0	689.0	0.0	829.0	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
Std. Error			0.0	15.0	15.2	0.0	14.4	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
Mean Length		Females	0.0	590.0	787.0	0.0	862.0	0.0	1000.0	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
Std. Error			0.0	0.0	54.0	0.0	13.4	0.0	10.0	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

Yukon River District 5B chinook salmon subsistence fish wheel catch sample age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size	Brood Year and (Age Group)																				Total	
		1996		1995		1994		1993		1992		1991											
		(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.										
Season Total	69	Males	0	0.0	3	4.3	20	29.0	0	0.0	24	34.8	0	0.0	0	0.0	0	0.0	0	0.0	47	68.1	
		Females	0	0.0	0	0.0	1	1.4	0	0.0	21	30.4	0	0.0	0	0.0	0	0.0	0	0.0	22	31.9	
		Total	0	0.0	3	4.3	21	30.4	0	0.0	45	65.2	0	0.0	0	0.0	0	0.0	0	0.0	69	100.0	
Mean Length		Males	0.0	573.0	715.0	0.0	815.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Std. Error			0.0	19.0	15.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Mean Length		Females	0.0	0.0	835.0	0.0	852.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Std. Error			0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				

Yukon River District 6B chinook salmon subsistence fish wheel catch sample age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size	Brood Year and (Age Group)																				Total		
		1996		1995		1994		1993		1992		1991												
		(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.	No.	Per.									
Season Total	122	Males	5	4.1	30	24.6	32	26.2	0	0.0	10	8.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	77	63.1
		Females	0	0.0	1	0.8	4	3.3	0	0.0	38	31.1	0	0.0	2	1.6	0	0.0	0	0.0	0	0.0	45	36.9
		Total	5	4.1	31	25.4	36	29.5	0	0.0	48	39.3	0	0.0	2	1.6	0	0.0	0	0.0	0	0.0	122	100.0
Mean Length		Males	473.0		539.0		670.0		0.0		790.0		0.0		0.0		0.0		0.0		0.0			
Std. Error			21.0		9.0		10.0		0.0		17.0		0.0		0.0		0.0		0.0		0.0			
Mean Length		Females	0.0		695.0		749.0		0.0		839.0		0.0		840.0		0.0		0.0		0.0			
Std. Error			0.0		0.0		41.0		0.0		8.0		0.0		15.0		0.0		0.0		0.0			

Chinook Salmon

Escapement

Data

Andreafsky River Weir chinook salmon escapement catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)																Total					
			1996		1995		1994		1993		1992		1991											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.										
Jul 5-8	96	Males	1	1.0	32	33.3	29	30.2	0	0.0	11	11.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	73	76.0
		Females	0	0.0	1	1.1	2	2.1	0	0.0	20	20.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	23	24.0
		Subtotal	1	1.0	33	34.4	31	32.3	0	0.0	31	32.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	96	100.0
Jul 9-16	109	Males	0	0.0	34	31.2	34	31.2	0	0.0	9	8.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	77	70.6
		Females	0	0.0	5	4.6	8	7.3	0	0.0	18	16.5	0	0.0	1	0.9	0	0.0	0	0.0	0	0.0	32	29.4
		Subtotal	0	0.0	39	35.8	42	38.5	0	0.0	27	24.8	0	0.0	1	0.9	0	0.0	0	0.0	0	0.0	109	100.0
Jul 19-29	112	Males	0	0.0	28	25.0	26	23.2	0	0.0	19	17.0	0	0.0	1	0.9	0	0.0	0	0.0	0	0.0	74	66.1
		Females	0	0.0	2	1.8	8	7.2	0	0.0	28	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	38	33.9
		Subtotal	0	0.0	30	26.8	34	30.4	0	0.0	47	42.0	0	0.0	1	0.9	0	0.0	0	0.0	0	0.0	112	100.0
Jul 30-Sept 29	40	Males	0	0.0	21	52.5	8	20.0	0	0.0	2	5.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	31	77.5
		Females	0	0.0	0	0.0	0	0.0	0	0.0	9	22.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	22.5
		Subtotal	0	0.0	21	52.5	8	20.0	0	0.0	11	27.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	40	100.0
Season Total	357	Males	1	0.3	115	32.2	97	27.2	0	0.0	41	11.5	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	255	71.4
		Females	0	0.0	8	2.3	18	5.0	0	0.0	75	21.0	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	102	28.6
		Total	1	0.3	123	34.5	115	32.2	0	0.0	116	32.5	0	0.0	2	0.6	0	0.0	0	0.0	0	0.0	357	100.0
Mean Length Std. Error	Males		440.0	525.0	667.0	0.0	754.0	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	4.0	7.0	0.0	10.0	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			
Mean Length Std. Error	Females		0.0	552.0	743.0	0.0	859.0	0.0	860.0	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	16.0	19.0	0.0	6.0	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			

Anvik River chinook salmon escapement age and sex composition by stratum, and mean length (mm), 1999

Strata	Sample Size	Brood Year and (Age Group)																				Total		
		1996		1995		1994		1993		1992		1991		(1.6)		(2.5)								
		(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	
Season Total	343	Males	0	0.0	32	9.3	125	36.4	0	0.0	56	16.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	213	62.1
		Females	0	0.0	0	0.0	21	6.1	0	0.0	109	31.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	130	37.9
		Subtotal	0	0.0	32	9.3	146	42.6	0	0.0	165	48.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	343	100.0
Mean Length		Males	0.0	511.9	642.9	0.0	706.1	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			
			Std. Error	0.0	180.1	188.3	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		
Mean Length		Females	0.0	0.0	750.7	0.0	808.3	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			
			Std. Error	0.0	0.0	79.8	0.0	165.9	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		

Chatanika River chinook salmon escapement age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size	Brood Year and (Age Group)																Total						
		1996		1995		1994		1993		1992		1991												
		(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.											
		No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.							
Season Total	21	Males	0	0.0	0	0.0	1	4.8	0	0.0	3	14.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	19.0
		Females	0	0.0	0	0.0	4	19.0	0	0.0	13	61.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	17	81.0
		Total	0	0.0	0	0.0	5	23.8	0	0.0	16	76.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	21	100.0
Mean Length Std. Error	Males		0.0	0.0	735.0	0.0	815.0	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	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			
Mean Length Std. Error	Females		0.0	0.0	773.0	0.0	830.0	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	33.0	0.0	15.0	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			

Chena River chinook salmon escapement age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size	Brood Year and (Age Group)																				Total	
		1996		1995		1994		1993		1992		1991											
		(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.										
Carcass Samples	177	Males	0	0.0	7	3.9	23	13.0	0	0.0	31	17.5	0	0.0	0	0.0	0	0.0	0	0.0	61	34.5	
		Females	0	0.0	1	0.6	21	11.9	0	0.0	94	53.1	0	0.0	0	0.0	0	0.0	0	0.0	116	65.5	
		Subtotal	0	0.0	8	4.5	44	24.9	0	0.0	125	70.6	0	0.0	0	0.0	0	0.0	0	0.0	177	100.0	
Electroshock Samples	141	Males	3	2.1	17	12.1	30	21.3	0	0.0	20	14.2	0	0.0	0	0.0	0	0.0	0	0.0	70	49.6	
		Females	0	0.0	0	0.0	6	4.2	0	0.0	63	44.7	0	0.0	2	1.4	0	0.0	0	0.0	71	50.4	
		Subtotal	3	2.1	17	12.1	36	25.5	0	0.0	83	58.9	0	0.0	2	1.4	0	0.0	0	0.0	141	100.0	
Combined Season Total	318	Males	3	0.9	24	7.5	53	16.7	0	0.0	51	16.0	0	0.0	0	0.0	0	0.0	0	0.0	131	41.2	
		Females	0	0.0	1	0.3	27	8.5	0	0.0	157	49.4	0	0.0	2	0.6	0	0.0	0	0.0	187	58.8	
		Total	3	0.9	25	7.9	80	25.2	0	0.0	208	65.4	0	0.0	2	0.6	0	0.0	0	0.0	318	100.0	
Mean Length ^a		Males	0.0	592.0	708.0	0.0	801.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Std. Error			0.0	27.0	17.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Mean Length ^a		Females	0.0	540.0	779.0	0.0	825.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Std. Error			0.0	0.0	16.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				

^a Length data refers to carcass samples only.

Gisasa River chinook salmon escapement catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)																		Total			
			1996		1995		1994		1993		1992		1991											
			(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Jul 9-12	82	Males	0	0.0	7	8.5	48	58.5	0	0.0	21	25.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	76	92.7
		Females	0	0.0	0	0.0	2	2.5	0	0.0	4	4.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	7.3
		Subtotal	0	0.0	7	8.5	50	61.0	0	0.0	25	30.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	82	100.0
Jul 14-16	88	Males	0	0.0	24	27.3	46	52.3	0	0.0	11	12.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	81	92.0
		Females	0	0.0	0	0.0	1	1.1	0	0.0	6	6.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	8.0
		Subtotal	0	0.0	24	27.3	47	53.4	0	0.0	17	19.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	88	100.0
Jul 17-20	87	Males	0	0.0	18	20.7	32	36.8	0	0.0	14	16.1	0	0.0	1	1.1	0	0.0	0	0.0	0	0.0	65	74.7
		Females	0	0.0	0	0.0	1	1.1	0	0.0	21	24.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	22	25.3
		Subtotal	0	0.0	18	20.7	33	37.9	0	0.0	35	40.2	0	0.0	1	1.1	0	0.0	0	0.0	0	0.0	87	100.0
Jul 21-23	73	Males	0	0.0	11	15.1	36	49.3	0	0.0	12	16.5	0	0.0	1	1.4	0	0.0	0	0.0	0	0.0	60	82.2
		Females	0	0.0	0	0.0	1	1.4	0	0.0	12	16.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13	17.8
		Subtotal	0	0.0	11	15.1	37	50.7	0	0.0	24	32.9	0	0.0	1	1.4	0	0.0	0	0.0	0	0.0	73	100.0
Jul 24-27	92	Males	1	0.1	15	16.3	26	28.3	0	0.0	11	11.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	53	57.6
		Females	0	0.0	0	0.0	5	5.4	0	0.0	33	35.9	0	0.0	1	1.1	0	0.0	0	0.0	0	0.0	39	42.4
		Subtotal	1	0.1	15	16.3	31	33.7	0	0.0	44	47.8	0	0.0	1	1.1	0	0.0	0	0.0	0	0.0	92	100.0
Jul 28-Aug 5	87	Males	1	0.1	11	12.6	14	16.1	0	0.0	14	16.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	40	46.0
		Females	0	0.0	0	0.0	0	0.0	0	0.0	47	54.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	47	54.0
		Subtotal	1	0.1	11	12.6	14	16.1	0	0.0	61	70.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	87	100.0
Season Total	509	Males	2	0.4	86	16.9	202	39.7	0	0.0	83	16.3	0	0.0	2	0.4	0	0.0	0	0.0	0	0.0	375	73.7
		Females	0	0.0	0	0.0	10	2.0	0	0.0	123	24.2	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0	134	26.3
		Total	2	0.4	86	16.9	212	41.7	0	0.0	206	40.5	0	0.0	3	0.6	0	0.0	0	0.0	0	0.0	509	100.0
Mean Length Std. Error	Males		418.0	523.0	680.0	0.0	765.0	0.0	870.0	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	5.0	4.0	0.0	6.0	0.0	5.0	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	
Mean Length Std. Error	Females		0.0	0.0	785.0	0.0	826.0	0.0	850.0	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	26.0	0.0	4.0	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	

Salcha River chinook salmon escapement age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size	Brood Year and (Age Group)																						
		1996		1995		1994		1993		1992		1991		Total										
		(1.1)	(1.2)	(1.3)	(2.2)	(1.4)	(2.3)	(1.5)	(2.4)	(1.6)	(2.5)	No.	Per.	No.	Per.									
		No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.					
Season Total	307	Males	0	0.0	28	9.1	52	16.9	0	0.0	59	19.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	139	45.3
		Females	0	0.0	0	0.0	22	7.2	0	0.0	145	47.2	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	168	54.7
		Total	0	0.0	28	9.1	74	24.1	0	0.0	204	66.4	0	0.0	1	0.3	0	0.0	0	0.0	0	0.0	307	100.0
Mean Length Std. Error	Males		0.0	539.0	701.0	0.0	808.0	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	11.0	10.0	0.0	10.0	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				
Mean Length Std. Error	Females		0.0	0.0	822.0	0.0	861.0	0.0	885.0	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	12.0	0.0	3.0	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				

Summer Chum Salmon

Commercial

Catch Data

Yukon District 1 summer chum salmon commercial gillnet catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996		1995		1994		1993		1992			
			(0.2)	(0.3)	(0.4)	(0.5)	(0.6)	No.	Per.	No.	Per.	No.	Per.	No.
Unrestricted 22-Jun	155	Males	0	0.0	1,254	18.7	2,723	40.6	0	0.0	0	0.0	3,977	59.4
		Females	0	0.0	1,037	15.5	1,643	24.5	43	0.6	0	0.0	2,723	40.6
		Subtotal	0	0.0	2,291	34.2	4,366	65.2	43	0.6	0	0.0	6,700	100.0
Unrestricted 26-Jun	148	Males	26	0.7	616	16.2	1,335	35.1	77	2.0	0	0.0	2,054	54.1
		Females	0	0.0	847	22.3	873	23.0	26	0.7	0	0.0	1,746	45.9
		Subtotal	26	0.7	1,463	38.5	2,208	58.1	103	2.7	0	0.0	3,800	100.0
Unrestricted 30-Jun	69	Males	0	0.0	330	17.4	551	29.0	0	0.0	0	0.0	881	46.4
		Females	0	0.0	523	27.5	496	26.1	0	0.0	0	0.0	1,019	53.6
		Subtotal	0	0.0	853	44.9	1,047	55.1	0	0.0	0	0.0	1,900	100.0
Unrestricted 03-Jul	150	Males	0	0.0	500	33.3	450	30.0	30	2.0	0	0.0	980	65.3
		Females	0	0.0	340	22.7	180	12.0	0	0.0	0	0.0	520	34.7
		Subtotal	0	0.0	840	56.0	630	42.0	30	2.0	0	0.0	1,500	100.0
Unrestricted 07-Jul	146	Males	0	0.0	285	21.9	312	24.0	0	0.0	0	0.0	597	45.9
		Females	0	0.0	347	26.7	356	27.4	0	0.0	0	0.0	703	54.1
		Subtotal	0	0.0	632	48.6	668	51.4	0	0.0	0	0.0	1,300	100.0
Season Total	668	Males	26	0.2	2,985	19.6	5,371	35.3	107	0.7	0	0.0	8,489	55.8
		Females	0	0.0	3,094	20.4	3,548	23.3	69	0.5	0	0.0	6,711	44.2
		Total	26	0.2	6,079	40.0	8,919	58.7	176	1.2	0	0.0	15,200	100.0
Mean Length Std. Error	Males		530.0		583.4		608.4		590.8		0.0			
			0.0		31.1		34.0		33.7		0.0			
Mean Length Std. Error	Females		0.0		559.5		578.5		570.0		0.0			
			0.0		24.8		29.2		42.4		0.0			

Yukon River District 2 summer chum salmon commercial catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Unrestricted 25-Jun	146	Males	0	0.0	863	20.5	1,784	42.5	0	0.0	0	0.0	2,647	63.0
		Females	29	0.7	805	19.2	719	17.1	0	0.0	0	0.0	1,553	37.0
		Subtotal	29	0.7	1,668	39.7	2,503	59.6	0	0.0	0	0.0	4,200	100.0
Unrestricted 28-Jun	154	Males	0	0.0	623	19.5	1,205	37.7	0	0.0	0	0.0	1,829	57.1
		Females	0	0.0	623	19.5	727	22.7	21	0.7	0	0.0	1,371	42.8
		Subtotal	0	0.0	1,246	38.9	1,932	60.4	21	0.7	0	0.0	3,200	100.0
Unrestricted 02-Jul	153	Males	0	0.0	688	25.5	829	30.7	18	0.7	0	0.0	1,165	56.9
		Females	0	0.0	547	20.3	600	22.2	18	0.7	0	0.0	1,535	43.1
		Subtotal	0	0.0	1,235	45.7	1,429	52.9	36	1.3	0	0.0	2,700	100.0
Unrestricted 05-Jul	152	Males	0	0.0	350	25.0	516	36.8	0	0.0	0	0.0	866	61.8
		Females	0	0.0	286	20.4	249	17.8	0	0.0	0	0.0	535	38.2
		Subtotal	0	0.0	636	45.4	765	54.6	0	0.0	0	0.0	1,401	100.0
Season Total	605	Males	0	0.0	2,524	21.9	4,334	37.7	18	0.2	0	0.0	6,507	59.8
		Females	29	0.3	2,261	19.7	2,295	20.0	39	0.3	0	0.0	4,994	40.2
		Subtotal	29	0.3	4,785	41.6	6,629	57.6	57	0.5	0	0.0	11,501	100.0
Mean Length Std. Error		Males	0.0		583.4		604.3		600.0		0.0			
			0.0		25.3		28.4		1.0		0.0			
Mean Length Std. Error		Females	510.0		553.3		571.3		560.0		0.0			
			1.0		25.7		28.2		56.6		0.0			

Yukon River District 4B and C summer chum salmon commercial catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
13-Jul	72 ^a	Males	0	0.0	13	18.1	18	25.0	2	2.8	0	0.0	33	45.8
		Females	0	0.0	24	33.3	14	19.4	1	1.4	0	0.0	39	54.2
		Subtotal	0	0.0	37	51.4	32	44.4	3	4.2	0	0.0	72	100.0
13-Jul	56 ^b	Males	0	0.0	7	12.5	18	32.2	0	0.0	0	0.0	25	44.6
		Females	0	0.0	10	17.9	20	35.7	1	1.8	0	0.0	31	55.4
		Subtotal	0	0.0	17	30.4	38	67.9	1	1.8	0	0.0	56	100.0
15-Jul	51 ^b	Males	0	0.0	6	11.8	13	25.5	1	2.0	1	2.0	21	41.2
		Females	0	0.0	13	25.5	16	31.4	1	1.9	0	0.0	30	58.8
		Subtotal	0	0.0	19	37.3	29	56.9	2	3.9	1	2.0	51	100.0
18-Jul	140 ^{a,b}	Males	0	0.0	26	18.6	43	30.7	2	1.5	0	0.0	71	50.7
		Females	0	0.0	33	23.5	34	24.3	2	1.4	0	0.0	69	49.3
		Subtotal	0	0.0	59	42.1	77	55.0	4	2.9	0	0.0	140	100.0
Season Total	319	Males	0	0.0	52	16.3	92	28.8	5	1.6	1	0.3	150	47.0
		Females	0	0.0	80	25.1	84	26.3	5	1.6	0	0.0	169	53.0
		Total	0	0.0	132	41.4	176	55.2	10	3.1	1	0.3	319	100.0
Mean Length ^c		Male	0.0	604.0	611.0	600.0	0.0							
Std. Error			0.0	4.0	4.0	50.0	0.0							
Mean Length ^c		Female	0.0	587.0	591.0	650.0	0.0							
Std. Error			0.0	4.0	5.0	35.0	0.0							

^a Samples collected from commercial fish wheels in Subdistrict B.

^b Samples collected from commercial fish wheels in Subdistrict C.

^c Length data refers to 18-Jul sample date only.

Summer Chum Salmon

Test Fishing

Catch Data

Big Eddy chum salmon set gillnet 5.5" test fishing catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Jun 13-19	142	Males	0	0.0	36	25.4	36	25.4	0	0.0	0	0.0	72	50.7
		Females	0	0.0	34	23.9	35	24.6	1	0.7	0	0.0	70	49.3
		Subtotal	0	0.0	70	49.3	71	50.0	1	0.7	0	0.0	142	100.0
Jun 20-24	135	Males	0	0.0	11	8.2	54	40.0	2	1.5	0	0.0	67	49.6
		Females	0	0.0	28	20.7	39	28.9	1	0.7	0	0.0	68	50.4
		Subtotal	0	0.0	39	28.9	93	68.9	3	2.2	0	0.0	135	100.0
Jun 25-30	130	Males	0	0.0	23	17.7	31	23.8	2	1.5	0	0.0	56	43.1
		Females	0	0.0	35	26.9	39	30.0	0	0.0	0	0.0	74	56.9
		Subtotal	0	0.0	58	44.6	70	53.8	2	1.5	0	0.0	130	100.0
Jul 1-7	113	Males	0	0.0	23	20.4	25	22.1	0	0.0	0	0.0	48	42.5
		Females	0	0.0	39	34.5	25	22.1	1	0.9	0	0.0	65	57.5
		Subtotal	0	0.0	62	54.9	50	44.2	1	0.9	0	0.0	113	100.0
Jul 8-15	74	Males	0	0.0	13	17.6	11	14.8	1	1.4	0	0.0	25	33.8
		Females	0	0.0	26	35.1	21	28.4	2	2.7	0	0.0	49	66.2
		Subtotal	0	0.0	39	52.7	32	43.2	3	4.1	0	0.0	74	100.0
Season Total	594	Males	0	0.0	106	17.8	157	26.4	5	0.9	0	0.0	268	45.1
		Females	0	0.0	162	27.3	159	26.8	5	0.8	0	0.0	326	54.9
		Total	0	0.0	268	45.1	316	53.2	10	1.7	0	0.0	594	100.0
Mean Length		Male	0.0	579.0	596.0	590.0	0.0							
Std. Error			0.0	2.0	2.0	15.0	0.0							
Mean Length		Female	0.0	557.0	573.0	564.0	0.0							
Std. Error			0.0	2.0	2.0	20.0	0.0							

Middle Mouth chum salmon set gillnet 5.5" test fishing catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Jun 17-24	127	Males	0	0.0	33	26.0	48	37.8	0	0.0	0	0.0	81	63.8
		Females	0	0.0	24	18.9	22	17.3	0	0.0	0	0.0	46	36.2
		Subtotal	0	0.0	57	44.9	70	55.1	0	0.0	0	0.0	127	100.0
Jun 25-Jul 2	135	Males	0	0.0	33	24.4	45	33.3	0	0.0	0	0.0	78	57.8
		Females	0	0.0	29	21.5	26	19.3	2	1.5	0	0.0	57	42.2
		Subtotal	0	0.0	62	45.9	71	52.6	2	1.5	0	0.0	135	100.0
Jul 3-7	130	Males	0	0.0	34	26.2	34	26.1	0	0.0	0	0.0	68	52.3
		Females	0	0.0	34	26.1	27	20.8	1	0.8	0	0.0	62	47.7
		Subtotal	0	0.0	68	52.3	61	46.9	1	0.8	0	0.0	130	100.0
Jul 8-15	151	Males	1	0.6	49	32.5	32	21.2	0	0.0	0	0.0	82	54.3
		Females	3	2.0	39	25.8	27	17.9	0	0.0	0	0.0	69	45.7
		Subtotal	4	2.6	88	58.3	59	39.1	0	0.0	0	0.0	151	100.0
Season Total	543	Males	1	0.2	149	27.4	159	29.3	0	0.0	0	0.0	309	56.9
		Females	3	0.5	126	23.2	102	18.8	3	0.6	0	0.0	234	43.1
		Total	4	0.7	275	50.6	261	48.1	3	0.6	0	0.0	543	100.0
Mean Length Std. Error	Male		560.0		567.0		587.0		0.0		0.0			
			0.0		2.0		2.0		0.0		0.0			
Mean Length Std. Error	Female		573.0		556.0		571.0		592.0		0.0			
			7.0		2.0		2.0		20.0		0.0			

Summer Chum Salmon

Subsistence

Catch Data

Yukon River District 6 B summer chum salmon fish wheel subsistence catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
22-Jul	35	Males	0	0.0	6	17.2	15	42.8	0	0.0	0	0.0	21	60.0
		Females	0	0.0	4	11.4	10	28.6	0	0.0	0	0.0	14	40.0
		Total	0	0.0	10	28.6	25	71.4	0	0.0	0	0.0	35	100.0
Mean Length		Male	0.0	574.0	610.0	0.0	0.0							
Std. Error			0.0	6.0	6.0	0.0	0.0							
Mean Length		Female	0.0	573.0	576.0	0.0	0.0							
Std. Error			0.0	12.0	7.0	0.0	0.0							

Summer Chum Salmon

Escapement

Data

Andreafsky River chum salmon escapement age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Jun 29-30	143	Males	0	0.0	2	1.4	57	39.9	2	1.4	0	0.0	61	42.7
		Females	0	0.0	4	2.8	75	52.4	3	2.1	0	0.0	82	57.3
		Subtotal	0	0.0	6	4.2	132	92.3	5	3.5	0	0.0	143	100.0
Jul 5-6	147	Males	0	0.0	5	3.4	63	42.8	0	0.0	0	0.0	68	46.3
		Females	0	0.0	7	4.8	72	49.0	0	0.0	0	0.0	79	53.7
		Subtotal	0	0.0	12	8.2	135	91.8	0	0.0	0	0.0	147	100.0
Jul 13-14	143	Males	0	0.0	10	7.0	55	38.4	3	2.1	0	0.0	68	47.6
		Females	0	0.0	21	14.7	54	37.8	0	0.0	0	0.0	75	52.4
		Subtotal	0	0.0	31	21.7	109	76.2	3	2.1	0	0.0	143	100.0
Jul 19-23	142	Males	0	0.0	22	15.5	31	21.8	0	0.0	0	0.0	53	37.3
		Females	0	0.0	44	31.0	45	31.7	0	0.0	0	0.0	89	62.7
		Subtotal	0	0.0	66	46.5	76	53.5	0	0.0	0	0.0	142	100.0
Jul 27-29	119	Males	2	1.7	19	16.0	36	30.2	2	1.7	0	0.0	59	49.6
		Females	0	0.0	22	18.5	37	31.1	1	0.8	0	0.0	60	50.4
		Subtotal	2	1.7	41	34.5	73	61.3	3	2.5	0	0.0	119	100.0
Jul 30-Sept 30	145	Males	0	0.0	27	18.6	23	15.9	7	4.8	0	0.0	57	39.3
		Females	8	5.5	43	29.7	33	22.7	4	2.8	0	0.0	88	60.7
		Subtotal	8	5.5	70	48.3	56	38.6	11	7.6	0	0.0	145	100.0
Season Total	839	Males	2	0.2	85	10.1	265	31.6	14	1.7	0	0.0	366	43.6
		Females	8	1.0	141	16.8	316	37.6	8	0.9	0	0.0	473	56.4
		Total	10	1.2	226	26.9	581	69.2	22	2.6	0	0.0	839	100.0
Mean Length		Male	518.0		567.0		589.0		580.0		0.0			
Std. Error			18.0		3.0		2.0		7.0		0.0			
Mean Length		Female	523.0		537.0		553.0		559.0		0.0			
Std. Error			7.0		2.0		1.0		14.0		0.0			

Anvik River chum salmon escapement age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Jul 4-7	119	Males	0	0.0	7	5.9	41	34.4	0	0.0	0	0.0	48	40.3
		Females	0	0.0	20	16.8	49	41.2	2	1.7	0	0.0	71	59.7
		Subtotal	0	0.0	27	22.7	90	75.6	2	1.7	0	0.0	119	100.0
Jul 8-11	136	Males	0	0.0	27	19.8	36	26.5	1	0.8	0	0.0	64	47.1
		Females	0	0.0	30	22.1	41	30.1	1	0.7	0	0.0	72	52.9
		Subtotal	0	0.0	57	41.9	77	56.6	2	1.5	0	0.0	136	100.0
Jul 12-17	101	Males	0	0.0	13	12.9	33	32.7	0	0.0	0	0.0	46	45.5
		Females	0	0.0	19	18.8	36	35.6	0	0.0	0	0.0	55	54.5
		Subtotal	0	0.0	32	31.7	69	68.3	0	0.0	0	0.0	101	100.0
Jul 18-20	106	Males	0	0.0	21	19.8	16	15.1	0	0.0	0	0.0	37	34.9
		Females	0	0.0	36	34.0	31	29.2	2	1.9	0	0.0	69	65.1
		Subtotal	0	0.0	57	53.8	47	44.3	2	1.9	0	0.0	106	100.0
Season Total	462	Males	0	0.0	68	14.7	126	27.3	1	0.2	0	0.0	195	42.2
		Females	0	0.0	105	22.7	157	34.0	5	1.1	0	0.0	267	57.8
		Total	0	0.0	173	37.4	283	61.3	6	1.3	0	0.0	462	100.0
Mean Length Std. Error	Male		0.0	581.0	608.0	585.0	0.0							
			0.0	3.0	3.0	0.0	0.0							
Mean Length Std. Error	Female		0.0	555.0	570.0	572.0	0.0							
			0.0	2.0	2.0	11.0	0.0							

Gisasa River chum salmon escapement catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Jul 4-7	145	Males	0	0.0	11	7.6	68	46.9	0	0.0	0	0.0	79	54.5
		Females	0	0.0	11	7.6	51	35.2	4	2.8	0	0.0	66	45.5
		Subtotal	0	0.0	22	15.2	119	82.1	4	2.8	0	0.0	145	100.0
Jul 8-15	148	Males	0	0.0	32	21.6	46	31.1	1	0.7	0	0.0	79	53.4
		Females	0	0.0	25	16.9	44	29.7	0	0.0	0	0.0	69	46.6
		Subtotal	0	0.0	57	38.5	90	60.8	1	0.7	0	0.0	148	100.0
Jul 16-21	148	Males	0	0.0	30	20.3	37	25.0	0	0.0	0	0.0	67	45.3
		Females	0	0.0	40	27.0	40	27.0	1	0.7	0	0.0	81	54.7
		Subtotal	0	0.0	70	47.3	77	52.0	1	0.7	0	0.0	148	100.0
Jul 22-29	138	Males	0	0.0	33	23.9	22	15.9	1	0.7	0	0.0	56	40.6
		Females	0	0.0	60	43.5	20	14.5	2	1.5	0	0.0	82	59.4
		Subtotal	0	0.0	93	67.4	42	30.4	3	2.2	0	0.0	138	100.0
Jul 30-Sep 5	133	Males	1	0.8	26	19.5	24	18.0	2	1.5	0	0.0	53	39.8
		Females	0	0.0	48	36.1	29	21.8	3	2.3	0	0.0	80	60.2
		Subtotal	1	0.8	74	55.6	53	39.8	5	3.8	0	0.0	133	100.0
Season Total	712	Males	1	0.1	132	18.5	197	27.7	4	0.6	0	0.0	334	46.9
		Females	0	0.0	184	25.9	184	25.8	10	1.4	0	0.0	378	53.1
		Subtotal	1	0.1	316	44.4	381	53.5	14	2.0	0	0.0	712	100.0
Mean Length		Males	0.0	561.0	586.0	564.0	0.0							
Std. Error			0.0	2.0	2.0	12.0	0.0							
Mean Length		Females	0.0	538.0	555.0	553.0	0.0							
Std. Error			0.0	2.0	2.0	10.0	0.0							

Gisasa River chum salmon escapement carcasses age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size	Brood Year and (Age Group)										Total		
		1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)				
		No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	
Season Total	27	Males	0	0.0	9	33.3	11	40.8	0	0.0	0	0.0	20	74.1
		Females	0	0.0	1	3.7	6	22.2	0	0.0	0	0.0	7	25.9
		Subtotal	0	0.0	10	37.0	17	63.0	0	0.0	0	0.0	27	100.0
Mean Length		Males	0.0	552.0	575.0	0.0	0.0							
Std. Error			0.0	11.0	9.0	0.0	0.0							
Mean Length		Females	0.0	520.0	548.0	0.0	0.0							
Std. Error			0.0	0.0	18.0	0.0	0.0							

Nulato River chum salmon escapement catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Jul 5-7	158	Males	0	0.0	35	22.2	49	31.0	3	1.9	0	0.0	87	55.1
		Females	0	0.0	34	21.5	37	23.4	0	0.0	0	0.0	71	44.9
		Subtotal	0	0.0	69	43.7	86	54.4	3	1.9	0	0.0	158	100.0
Jul 12-13	138	Males	0	0.0	29	21.0	13	9.4	1	0.7	0	0.0	43	31.2
		Females	1	0.7	61	44.2	32	23.2	1	0.7	0	0.0	95	68.8
		Subtotal	1	0.7	90	65.2	45	32.6	2	1.4	0	0.0	138	100.0
Jul 18-20	138	Males	0	0.0	30	21.7	12	8.7	2	1.5	0	0.0	44	31.9
		Females	1	0.7	76	55.1	16	11.6	1	0.7	0	0.0	94	68.1
		Subtotal	1	0.7	106	76.8	28	20.3	3	2.2	0	0.0	138	100.0
Jul 22-23	152	Males	0	0.0	26	17.1	6	3.9	1	0.7	0	0.0	33	21.7
		Females	0	0.0	98	64.5	20	13.2	1	0.6	0	0.0	119	78.3
		Subtotal	0	0.0	124	81.6	26	17.1	2	1.3	0	0.0	152	100.0
Season Total	586	Males	0	0.0	120	20.5	80	13.7	7	1.2	0	0.0	207	35.3
		Females	2	0.3	269	45.9	105	17.9	3	0.5	0	0.0	379	64.7
		Subtotal	2	0.3	389	66.4	185	31.6	10	1.7	0	0.0	586	100.0
Mean Length		Males	0.0	574.0	603.0	615.0	0.0							
Std. Error			0.0	2.0	3.0	18.0	0.0							
Mean Length		Females	560.0	549.0	568.0	562.0	0.0							
Std. Error			0.0	1.0	2.0	0.0	0.0							

Fall Chum Salmon

Commercial

Catch Data

Yukon River District 1 fall chum salmon gillnet commercial catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
01-Aug	150	Males	0	0.0	64	42.7	18	12.0	0	0.0	0	0.0	82	54.7
		Females	0	0.0	53	35.3	15	10.0	0	0.0	0	0.0	68	45.3
		Subtotal	0	0.0	117	78.0	33	22.0	0	0.0	0	0.0	150	100.0
05-Aug	82	Males	0	0.0	21	25.6	7	8.5	0	0.0	0	0.0	28	34.1
		Females	0	0.0	39	47.6	14	17.1	1	1.2	0	0.0	54	65.9
		Subtotal	0	0.0	60	73.2	21	25.6	1	1.2	0	0.0	82	100.0
09-Aug	21	Males	0	0.0	8	38.1	5	23.8	0	0.0	0	0.0	13	61.9
		Females	0	0.0	8	38.1	0	0.0	0	0.0	0	0.0	8	38.1
		Subtotal	0	0.0	16	76.2	5	23.8	0	0.0	0	0.0	21	100.0
12-Aug	118	Males	0	0.0	42	35.6	7	5.9	0	0.0	0	0.0	49	41.5
		Females	0	0.0	59	50.0	10	8.5	0	0.0	0	0.0	69	58.5
		Subtotal	0	0.0	101	85.6	17	14.4	0	0.0	0	0.0	118	100.0
Season Total	371	Males	0	0.0	135	36.4	37	10.0	0	0.0	0	0.0	172	46.4
		Females	0	0.0	159	42.8	39	10.5	1	0.3	0	0.0	199	53.6
		Total	0	0.0	294	79.2	76	20.5	1	0.3	0	0.0	371	100.0
Mean Length		Male	0.0	595.0	604.0	0.0	0.0							
Std. Error			0.0	2.0	4.0	0.0	0.0							
Mean Length		Female	0.0	585.0	591.0	580.0	0.0							
Std. Error			0.0	2.0	4.0	0.0	0.0							

Fall Chum Salmon

Test Fishing

Catch Data

Big Eddy fall chum salmon set gillnet 6.0" test fishing catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Jul 16-20	135	Males	0	0.0	26	19.3	28	20.7	2	1.5	0	0.0	56	41.5
		Females	0	0.0	30	22.2	48	35.6	1	0.7	0	0.0	79	58.5
		Subtotal	0	0.0	56	41.5	76	56.3	3	2.2	0	0.0	135	100.0
Jul 21-25	145	Males	0	0.0	30	20.7	35	24.2	1	0.7	0	0.0	66	45.5
		Females	0	0.0	42	29.0	37	25.5	0	0.0	0	0.0	79	54.5
		Subtotal	0	0.0	72	49.7	72	49.7	1	0.7	0	0.0	145	100.0
Jul 26-31	111	Males	0	0.0	33	29.7	18	16.2	0	0.0	0	0.0	51	45.9
		Females	0	0.0	42	37.9	18	16.2	0	0.0	0	0.0	60	54.1
		Subtotal	0	0.0	75	67.6	36	32.4	0	0.0	0	0.0	111	100.0
Aug 1-11	125	Males	1	0.8	36	28.8	17	13.6	0	0.0	0	0.0	54	43.2
		Females	0	0.0	51	40.8	20	16.0	0	0.0	0	0.0	71	56.8
		Subtotal	1	0.8	87	69.6	37	29.6	0	0.0	0	0.0	125	100.0
Aug 12-31	90	Males	0	0.0	23	25.6	15	16.7	0	0.0	0	0.0	38	42.2
		Females	0	0.0	39	43.3	13	14.4	0	0.0	0	0.0	52	57.8
		Subtotal	0	0.0	62	68.9	28	31.1	0	0.0	0	0.0	90	100.0
Season Total	606	Males	1	0.2	148	24.4	113	18.7	3	0.5	0	0.0	265	43.7
		Females	0	0.0	204	33.7	136	22.4	1	0.2	0	0.0	341	56.3
		Total	1	0.2	352	58.1	249	41.1	4	0.7	0	0.0	606	100.0
Mean Length Std. Error	Male		565.0		594.0		612.0		607.0		0.0			
			0.0		2.0		3.0		8.0		0.0			
Mean Length Std. Error	Female		0.0		588.0		595.0		560.0		0.0			
			0.0		1.0		2.0		0.0		0.0			

Middle Mouth fall chum salmon set gillnet 6.0" test fishing catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Jul 16-21	151	Males	0	0.0	44	29.1	59	39.1	0	0.0	0	0.0	103	68.2
		Females	0	0.0	22	14.6	23	15.2	3	2.0	0	0.0	48	31.8
		Subtotal	0	0.0	66	43.7	82	54.3	3	2.0	0	0.0	151	100.0
Jul 22-28	147	Males	0	0.0	48	32.7	32	21.8	1	0.7	0	0.0	81	55.1
		Females	0	0.0	43	29.2	22	14.9	1	0.7	0	0.0	66	44.9
		Subtotal	0	0.0	91	61.9	54	36.7	2	1.4	0	0.0	147	100.0
Jul 29-Aug 2	136	Males	0	0.0	38	27.9	15	11.1	0	0.0	0	0.0	53	39.0
		Females	0	0.0	53	39.0	29	21.3	1	0.7	0	0.0	83	61.0
		Subtotal	0	0.0	91	66.9	44	32.4	1	0.7	0	0.0	136	100.0
Aug 3-7	129	Males	0	0.0	21	16.3	14	10.9	1	0.8	0	0.0	36	27.9
		Females	0	0.0	61	47.3	31	24.0	1	0.8	0	0.0	93	72.1
		Subtotal	0	0.0	82	63.6	45	34.9	2	1.6	0	0.0	129	100.0
Aug 8-13	131	Males	0	0.0	30	22.9	6	4.6	1	0.8	0	0.0	37	28.2
		Females	0	0.0	72	55.0	20	15.2	2	1.5	0	0.0	94	71.8
		Subtotal	0	0.0	102	77.9	26	19.8	3	2.3	0	0.0	131	100.0
Aug 14-20	128	Males	0	0.0	36	28.1	15	11.7	0	0.0	0	0.0	51	39.8
		Females	1	0.8	61	47.7	14	11.0	1	0.8	0	0.0	77	60.2
		Subtotal	1	0.8	97	75.8	29	22.7	1	0.8	0	0.0	128	100.0
Aug 21-29	134	Males	0	0.0	27	20.2	7	5.2	0	0.0	0	0.0	34	25.4
		Females	0	0.0	89	66.4	11	8.2	0	0.0	0	0.0	100	74.6
		Subtotal	0	0.0	116	86.6	18	13.4	0	0.0	0	0.0	134	100.0
Season Total	956	Males	0	0.0	244	25.5	148	15.5	3	0.3	0	0.0	395	41.3
		Females	1	0.1	401	42.0	150	15.7	9	1.0	0	0.0	561	58.7
		Total	1	0.1	645	67.5	298	31.2	12	1.3	0	0.0	956	100.0
Mean Length		Male	0.0	590.0	602.0	588.0	0.0							
Std. Error			0.0	2.0	2.0	0.0	0.0							
Mean Length		Female	530.0	587.0	593.0	597.0	0.0							
Std. Error			0.0	1.0	2.0	5.0	0.0							

Fall Chum Salmon

Escapement

Data

Delta River fall chum salmon escapement age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Season Total	186	Males	3	1.6	81	43.5	12	6.5	1	0.5	0	0.0	97	52.2
		Females	1	0.6	79	42.5	9	4.8	0	0.0	0	0.0	89	47.8
		Subtotal	4	2.2	160	86.0	21	11.3	1	0.5	0	0.0	186	100.0
Mean Length		Male	603.0		591.0		609.0		660.0		0.0			
Std. Error			6.0		3.0		7.0		0.0		0.0			
Mean Length		Female	575.0		564.0		581.0		0.0		0.0			
Std. Error			0.0		3.0		6.0		0.0		0.0			

Toklat River fall chum salmon escapement age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)										Total	
			1996 (0.2)		1995 (0.3)		1994 (0.4)		1993 (0.5)		1992 (0.6)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Season Total	72	Males	0	0.0	31	43.1	8	11.1	0	0.0	0	0.0	39	54.2
		Females	0	0.0	22	30.5	11	15.3	0	0.0	0	0.0	33	45.8
		Subtotal	0	0.0	53	73.6	19	26.4	0	0.0	0	0.0	72	100.0
Mean Length Std. Error		Male	0.0		579.0		576.0		0.0		0.0			
			0.0		6.0		11.0		0.0		0.0			
Mean Length Std. Error		Female	0.0		564.0		558.0		0.0		0.0			
			0.0		6.0		6.0		0.0		0.0			

Coho Salmon

Commercial

Catch Data

Yukon River District 1 coho salmon commercial gillnet catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size	Brood Year and (Age Group)										
		1996 (1.1)		1995 (2.1)		1994 (2.2)		1994 (3.1)		Total		
		No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.	
Season Total	40	Males	2	5.0	23	57.5	1	2.5	2	5.0	28	70.0
		Females	1	2.5	11	27.5	0	0.0	0	0.0	12	30.0
		Total	3	7.5	34	85.0	1	2.5	2	5.0	40	100.0
Mean Length		Males	575.0		567.0		570.0		598.0			
Std. Error			45.0		6.0		0.0		33.0			
Mean Length		Females	580.0		580.0		0.0		0.0			
Std. Error			0.0		6.0		0.0		0.0			

Coho Salmon

Test Fishing

Catch Data

Big Eddy coho salmon set gillnet 6.0" test fishing catch age and sex composition by stratum, and mean length (mm),1999.

Strata	Sample Size		Brood Year and (Age Group)								Total	
			1996 (1.1)		1995 (2.1)		(2.2)		1994 (3.1)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Jul 30-Aug 18	44	Males	2	4.6	19	43.2	2	4.5	4	9.1	27	61.4
		Females	2	4.5	13	29.5	0	0.0	2	4.5	17	38.6
		Subtotal	4	9.1	32	72.7	2	4.5	6	13.6	44	100.0
Aug 19-20	51	Males	1	1.9	28	54.9	0	0.0	1	2.0	30	58.8
		Females	3	5.9	17	33.3	0	0.0	1	1.9	21	41.2
		Subtotal	4	7.8	45	88.2	0	0.0	2	3.9	51	100.0
Aug 21-31	52	Males	5	9.6	26	50.0	1	1.9	2	3.9	34	65.4
		Females	0	0.0	16	30.8	1	1.9	1	1.9	18	34.6
		Subtotal	5	9.6	42	80.8	2	3.8	3	5.8	52	100.0
Season Total	147	Males	8	5.4	73	49.7	3	2.0	7	4.8	91	61.9
		Females	5	3.4	46	31.3	1	0.7	4	2.7	56	38.1
		Total	13	8.8	119	81.0	4	2.7	11	7.5	147	100.0
Mean Length		Males	577.0		582.0		597.0		600.0			
Std. Error			7.0		3.0		33.0		7.0			
Mean Length		Females	593.0		584.0		560.0		586.0			
Std. Error			4.0		3.0		0.0		23.0			

Middle Mouth coho salmon set gillnet 6.0" test fishing catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)								Total	
			1996 (1.1)		1995 (2.1)		(2.2)		1994 (3.1)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Jul 30-Aug 13	67	Males	7	10.5	33	49.2	1	1.5	3	4.5	44	65.7
		Females	8	11.9	15	22.4	0	0.0	0	0.0	23	34.3
		Subtotal	15	22.4	48	71.6	1	1.5	3	4.5	67	100.0
Aug 14-17	69	Males	4	5.8	35	50.7	2	2.9	2	2.9	43	62.3
		Females	2	2.9	22	31.9	0	0.0	2	2.9	26	37.7
		Subtotal	6	8.7	57	82.6	2	2.9	4	5.8	69	100.0
Aug 18-22	75	Males	2	2.7	36	48.0	1	1.4	2	2.7	41	54.7
		Females	4	5.3	26	34.7	1	1.3	3	4.0	34	45.3
		Subtotal	6	8.0	62	82.7	2	2.7	5	6.7	75	100.0
Aug 23-29	82	Males	5	6.1	24	29.3	2	2.4	3	3.7	34	41.5
		Females	4	4.9	42	51.2	0	0.0	2	2.4	48	58.5
		Subtotal	9	11.0	66	80.5	2	2.4	5	6.1	82	100.0
Season Total	293	Males	18	6.2	128	43.7	6	2.1	10	3.4	162	55.3
		Females	18	6.1	105	35.8	1	0.3	7	2.4	131	44.7
		Total	36	12.3	233	79.5	7	2.4	17	5.8	293	100.0
Mean Length Std. Error	Males		579.0		579.0		587.0		584.0			
			6.0		3.0		5.0		8.0			
Mean Length Std. Error	Females		571.0		575.0		560.0		584.0			
			6.0		2.0		0.0		5.0			

Coho Salmon

Escapement

Data

Andreafsky River Weir coho salmon catch age and sex composition by stratum, and mean length (mm), 1999.

Strata	Sample Size		Brood Year and (Age Group)								Total	
			1996 (1.1)		1995 (2.1)		1994 (2.2)		1994 (3.1)			
			No.	Per.	No.	Per.	No.	Per.	No.	Per.	No.	Per.
Aug 10-Sep 3	113	Males	19	16.8	56	49.6	0	0.0	2	1.8	77	68.1
		Females	2	1.8	32	28.3	0	0.0	2	1.7	36	31.9
		Subtotal	21	18.6	88	77.9	0	0.0	4	3.5	113	100.0
Sep 4-10	112	Males	5	4.4	36	32.1	0	0.0	17	15.2	58	51.8
		Females	3	2.7	35	31.3	1	0.9	15	13.4	54	48.2
		Subtotal	8	7.1	71	63.4	1	0.9	32	28.6	112	100.0
Season Total	225	Males	24	10.7	92	40.9	0	0.0	19	8.4	135	60.0
		Females	5	2.2	67	29.8	1	0.4	17	7.6	90	40.0
		Total	29	12.9	159	70.7	1	0.4	36	16.0	225	100.0
Mean Length		Males	506.0		536.0		0.0		545.0			
Std. Error			9.0		4.0		0.0		10.0			
Mean Length		Females	518.0		547.0		455.0		540.0			
Std. Error			20.0		4.0		0.0		9.0			