

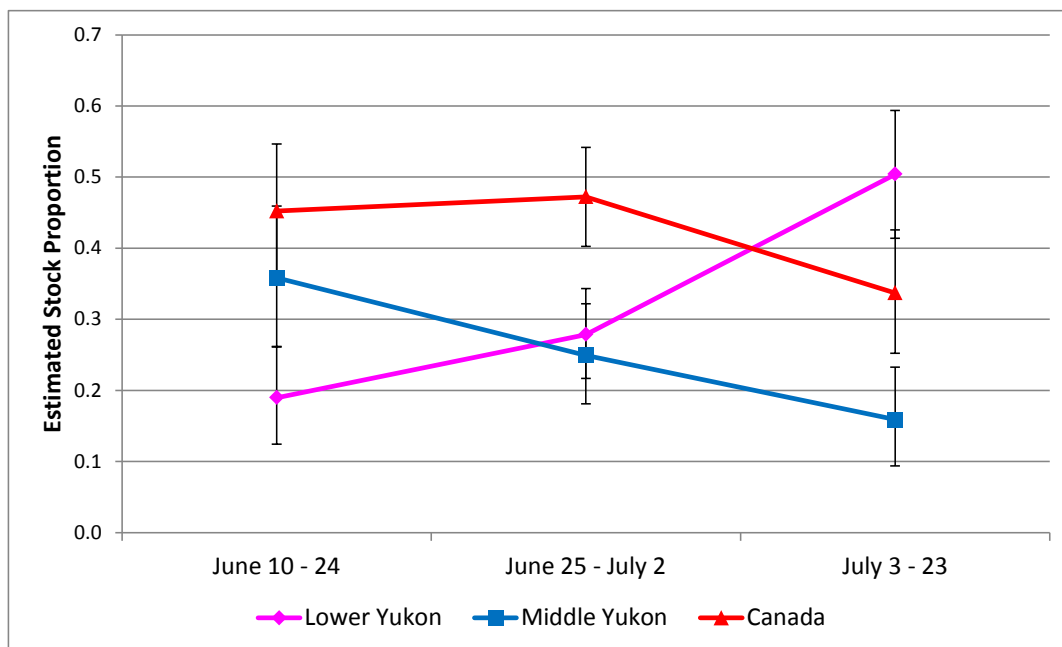
# Pilot Station Test Fishery

June 10 through July 23, 2012

## Summary of estimates for post-season analyses

Reporting Group	Pilot Stratum 1				Pilot Stratum 2				Pilot Stratum 3			
	June 10 - 24				June 25 - July 2				July 3 - 23			
	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI
Country												
United States	0.548	0.057	0.104	(0.453-0.642)	0.528	0.042	0.080	(0.458-0.597)	0.663	0.053	0.079	(0.574-0.748)
Canada	0.452	0.057	0.126	(0.358-0.547)	0.472	0.042	0.090	(0.403-0.542)	0.337	0.053	0.156	(0.252-0.426)
Broad-scale												
Lower Yukon	0.190	0.042	0.219	(0.124-0.261)	0.279	0.038	0.138	(0.217-0.343)	0.504	0.055	0.108	(0.414-0.594)
Middle Yukon	0.358	0.060	0.167	(0.262-0.459)	0.249	0.043	0.171	(0.181-0.322)	0.159	0.042	0.266	(0.094-0.233)
Canada	0.452	0.057	0.126	(0.358-0.547)	0.472	0.042	0.090	(0.403-0.542)	0.337	0.053	0.156	(0.252-0.426)
Fine-scale												
Lower Yukon					0.279	0.038	0.138	(0.217-0.343)				
Tanana					0.198	0.039	0.197	(0.136-0.264)				
Koyukuk					0.007	0.016	2.340	(0.000-0.042)				
Upper U.S.	Insufficient sample size				0.044	0.033	0.745	(0.000-0.104)	Insufficient sample size			
Border					0.008	0.011	1.470	(0.000-0.031)				
Pelly					0.146	0.044	0.302	(0.078-0.223)				
Carmacks					0.192	0.094	0.492	(0.000-0.313)				
Takhini					0.011	0.018	1.675	(0.000-0.051)				
Teslin					0.116	0.084	0.725	(0.034-0.305)				

Note- Estimated proportional contributions (Est), standard deviations (S.D.), coefficient of variation (CV), and 90% credibility intervals (90% CI) by reporting group of Chinook salmon caught in the District Y-2 Pilot Station Test Fishery, 2012.



Above— Estimated country-of-origin stock proportions of Chinook salmon caught in District Y-2 Pilot Station Test Fishery, 2012 . Error bars note the 90% credibility intervals (90% CI) .

# District Y1 and Y2 subsistence fisheries

Sample from District Y1 includes the communities of Alakanuk, Emmonak, and Kotlik.

Sample from District Y2 includes communities of Mountain Village, St. Mary's, and Marshall.

Each sample represents the entire season

Estimates to be considered preliminary

Reporting Group	District Y1 Subsistence				District Y2 Subsistence			
	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI
Country								
United States	0.697	0.034	0.048	(0.641-0.751)	0.520	0.034	0.065	(0.465-0.576)
Canada	0.303	0.034	0.111	(0.249-0.359)	0.480	0.034	0.071	(0.424-0.535)
Broad-scale								
Lower Yukon	0.365	0.031	0.085	(0.315-0.417)	0.083	0.019	0.229	(0.054-0.117)
Middle Yukon	0.331	0.036	0.107	(0.274-0.391)	0.437	0.036	0.081	(0.379-0.496)
Canada	0.303	0.034	0.110	(0.249-0.359)	0.480	0.034	0.071	(0.424-0.536)
Fine-scale								
Lower Yukon	0.365	0.031	0.085	(0.315-0.417)	0.083	0.019	0.229	(0.054-0.117)
Tanana	0.181	0.045	0.247	(0.106-0.253)	0.296	0.038	0.129	(0.234-0.359)
Koyukuk	0.053	0.040	0.746	(0.001-0.127)	0.050	0.029	0.577	(0.005-0.103)
Upper U.S.	0.097	0.033	0.341	(0.049-0.157)	0.091	0.034	0.375	(0.039-0.150)
Border	0.021	0.016	0.746	(0.001-0.051)	0.107	0.025	0.235	(0.068-0.151)
Pelly	0.057	0.036	0.629	(0.002-0.120)	0.229	0.048	0.210	(0.151-0.309)
Carmacks	0.163	0.045	0.273	(0.090-0.237)	0.081	0.039	0.480	(0.018-0.149)
Takhini	0.005	0.007	1.499	(0.000-0.020)	0.006	0.005	0.821	(0.000-0.015)
Teslin	0.058	0.032	0.554	(0.013-0.117)	0.057	0.023	0.406	(0.023-0.098)

Note- Estimated proportional contributions (Est), standard deviations (S.D.), coefficient of variation (CV), and 90% credibility intervals (90% CI) by reporting group of Chinook salmon caught in the District Y-1 and Y-2 subsistence fisheries, 2012.

# District Y1 commercial incidental harvest

## Fishing periods 1-3 and periods 4-9 pooled

Estimates to be considered preliminary

Reporting Group	Y1 commercial incidental - Periods 1-3				Y1 commercial incidental - Periods 4-9			
	June 29 - July 2				July 3 - 13			
	N=264				N=237			
	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI
Country								
United States	0.645	0.034	0.053	(0.588-0.700)	0.813	0.029	0.036	(0.763-0.859)
Canada	0.355	0.034	0.096	(0.300-0.412)	0.187	0.029	0.155	(0.141-0.237)
Broad-scale								
Lower Yukon	0.443	0.035	0.079	(0.386-0.501)	0.741	0.032	0.043	(0.687-0.792)
Middle Yukon	0.202	0.032	0.159	(0.150-0.256)	0.072	0.022	0.308	(0.039-0.111)
Canada	0.355	0.034	0.096	(0.300-0.412)	0.187	0.029	0.155	(0.141-0.237)
Fine-scale								
Lower Yukon	0.443	0.035	0.079	(0.386-0.501)	0.741	0.032	0.043	(0.687-0.792)
Tanana	0.102	0.028	0.274	(0.057-0.149)	0.048	0.023	0.483	(0.012-0.088)
Koyukuk	0.009	0.017	1.871	(0.000-0.047)	0.016	0.016	1.003	(0.000-0.048)
Upper U.S.	0.091	0.027	0.300	(0.049-0.138)	0.008	0.014	1.780	(0.000-0.038)
Border	0.005	0.008	1.629	(0.000-0.023)	0.005	0.008	1.584	(0.000-0.023)
Pelly	0.036	0.031	0.867	(0.000-0.098)	0.004	0.010	2.197	(0.000-0.025)
Carmacks	0.059	0.055	0.940	(0.000-0.159)	0.032	0.049	1.546	(0.000-0.147)
Takhini	0.006	0.009	1.585	(0.000-0.025)	0.006	0.009	1.661	(0.000-0.026)
Teslin	0.250	0.054	0.214	(0.160-0.335)	0.140	0.055	0.395	(0.014-0.213)

Note- Estimated proportional contributions (Est), standard deviations (S.D.), coefficient of variation (CV), and 90% credibility intervals (90% CI) by reporting group of Chinook salmon caught as incidental harvest in the District Y-1 commercial chum fishery, 2012.

# District Y2 Mountain Village test fishery

Estimates to be considered preliminary

Reporting Group	Mountain Village Test Fish			
	June 10 - July 11			
	N=415			
	Est	S.D.	CV	90%CI
Country				
United States	0.506	0.032	0.062	(0.454-0.558)
Canada	0.494	0.032	0.064	(0.442-0.546)
Broad-scale				
Lower Yukon	0.277	0.027	0.096	(0.234-0.322)
Middle Yukon	0.230	0.031	0.136	(0.179-0.281)
Canada	0.494	0.032	0.064	(0.442-0.546)
Fine-scale				
Lower Yukon	0.277	0.027	0.096	(0.234-0.322)
Tanana	0.175	0.029	0.168	(0.127-0.224)
Koyukuk	0.004	0.009	2.297	(0.000-0.023)
Upper U.S.	0.050	0.027	0.526	(0.011-0.098)
Border	0.039	0.019	0.494	(0.009-0.073)
Pelly	0.185	0.042	0.228	(0.117-0.256)
Carmacks	0.068	0.052	0.766	(0.000-0.155)
Takhini	0.008	0.010	1.238	(0.000-0.029)
Teslin	0.194	0.041	0.212	(0.127-0.261)

Note- Estimated proportional contributions (Est), standard deviations (S.D.), coefficient of variation (CV), and 90% credibility intervals (90% CI) by reporting group of Chinook salmon caught in the Mountain Village test fishery, 2012.

## District Y4 subsistence fisheries

Pooled sample from Anvik, Kaltag, Galena and Ruby harvest samples. The communities of Anvik and Kaltag only (pooled) also provided.

Estimates to be considered preliminary

Reporting Group	District Y4 Subsistence				District Y4 Subsistence - Anvik and Kaltag pooled			
	Season N=234				Season N=142			
	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI
Country								
United States	0.697	0.041	0.059	(0.628-0.762)	0.571	0.064	0.113	(0.465-0.678)
Canada	0.303	0.041	0.135	(0.238-0.372)	0.429	0.064	0.150	(0.322-0.535)
Broad-scale								
Lower Yukon	0.147	0.038	0.260	(0.086-0.212)	0.054	0.022	0.410	(0.026-0.096)
Middle Yukon	0.550	0.051	0.093	(0.467-0.635)	0.518	0.067	0.129	(0.408-0.628)
Canada	0.303	0.041	0.135	(0.237-0.371)	0.428	0.064	0.151	(0.322-0.534)
Fine-scale								
Lower Yukon	0.147	0.038	0.259	(0.087-0.212)				
Tanana	0.404	0.056	0.138	(0.311-0.494)				
Koyukuk	0.038	0.031	0.809	(0.004-0.100)				
Upper U.S.	0.109	0.050	0.458	(0.033-0.196)				
Border	0.087	0.028	0.321	(0.044-0.136)				
Pelly	0.078	0.044	0.562	(0.008-0.153)				
Carmacks	0.079	0.040	0.506	(0.022-0.152)				
Takhini	0.003	0.004	1.566	(0.000-0.011)				
Teslin	0.056	0.032	0.566	(0.014-0.114)				

Insufficient sample size

Note- Estimated proportional contributions (Est), standard deviations (S.D.), coefficient of variation (CV), and 90% credibility intervals (90% CI) by reporting group of Chinook salmon caught in District Y4 subsistence fisheries, 2012.

## District Y5 subsistence fisheries

Estimates to be considered preliminary

Reporting Group	Subdistrict Y5 B Tanana				Subdistrict Y5 B Rapids				Subdistrict Y5 C Fort Yukon			
	Season N=95				Season N=200				Season N=237			
	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI
Country												
United States	0.389	0.072	0.186	(0.270-0.507)	0.198	0.045	0.228	(0.127-0.275)	0.054	0.025	0.459	(0.018-0.099)
Canada	0.611	0.072	0.119	(0.493-0.730)	0.802	0.045	0.056	(0.725-0.873)	0.946	0.025	0.026	(0.901-0.982)
Broad-scale												
Lower Yukon					0.023	0.013	0.566	(0.006-0.048)	0.001	0.002	3.010	(0.000-0.004)
Middle Yukon					0.175	0.045	0.257	(0.104-0.252)	0.054	0.025	0.464	(0.017-0.098)
Canada					0.802	0.045	0.056	(0.725-0.873)	0.946	0.025	0.026	(0.901-0.982)
Fine-scale												
Lower Yukon					0.023	0.013	0.566	(0.006-0.048)	0.001	0.002	3.010	(0.000-0.004)
Tanana					0.002	0.004	2.965	(0.000-0.009)	0.001	0.003	2.941	(0.000-0.005)
Koyukuk					0.022	0.026	1.158	(0.000-0.074)	0.001	0.003	2.991	(0.000-0.005)
Upper U.S.					0.151	0.048	0.317	(0.076-0.232)	0.052	0.025	0.478	(0.016-0.096)
Border					0.063	0.035	0.561	(0.003-0.125)	0.104	0.030	0.286	(0.058-0.156)
Pelly					0.278	0.079	0.285	(0.157-0.417)	0.356	0.061	0.171	(0.258-0.459)
Carmacks					0.358	0.143	0.399	(0.061-0.547)	0.241	0.062	0.258	(0.140-0.344)
Takhini					0.003	0.007	2.628	(0.000-0.015)	0.062	0.020	0.325	(0.032-0.098)
Teslin					0.100	0.105	1.052	(0.000-0.311)	0.182	0.040	0.218	(0.120-0.250)

Insufficient sample size

Note- Estimated proportional contributions (Est), standard deviations (S.D.), coefficient of variation (CV), and 90% credibility intervals (90% CI) by reporting group of Chinook salmon caught in District Y5 subsistence fisheries, 2012.