

Lower Yukon Test Fishery—Stratum 1 Mixed Stock Analysis (MSA)

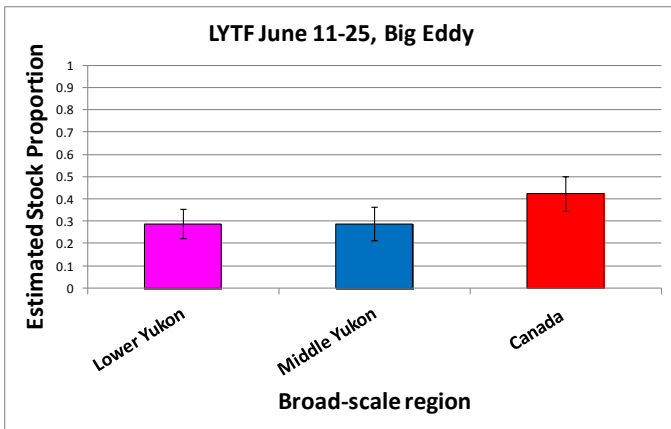
June 11-25, 2012—Big Eddy and Middle Mouth stations

Estimates provided inseason and are to be considered preliminary

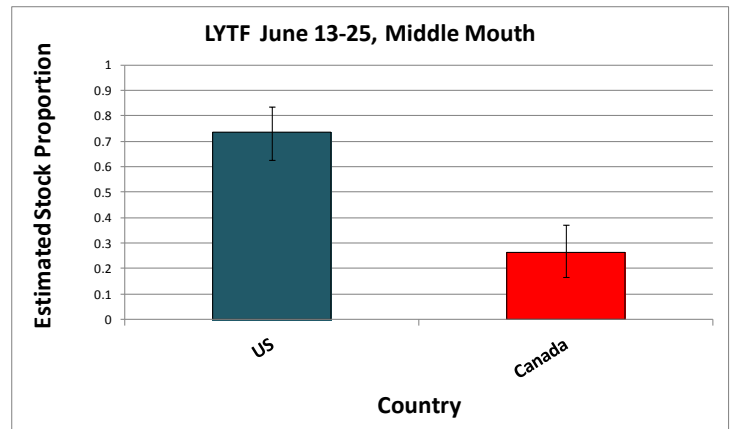
Reporting Group	Big Eddy June 11-25 N=173				Middle Mouth June 13-25 N=93			
	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI
Country								
United States	0.576	0.046	0.081	(0.499-0.652)	0.736	0.063	0.086	(0.628-0.835)
Canada	0.424	0.046	0.110	(0.348-0.501)	0.264	0.063	0.239	(0.165-0.372)
Broad-scale								
Lower Yukon	0.289	0.040	0.139	(0.224-0.357)				
Middle Yukon	0.288	0.046	0.161	(0.213-0.365)				
Canada	0.424	0.046	0.110	(0.348-0.501)				

Insufficient sample size

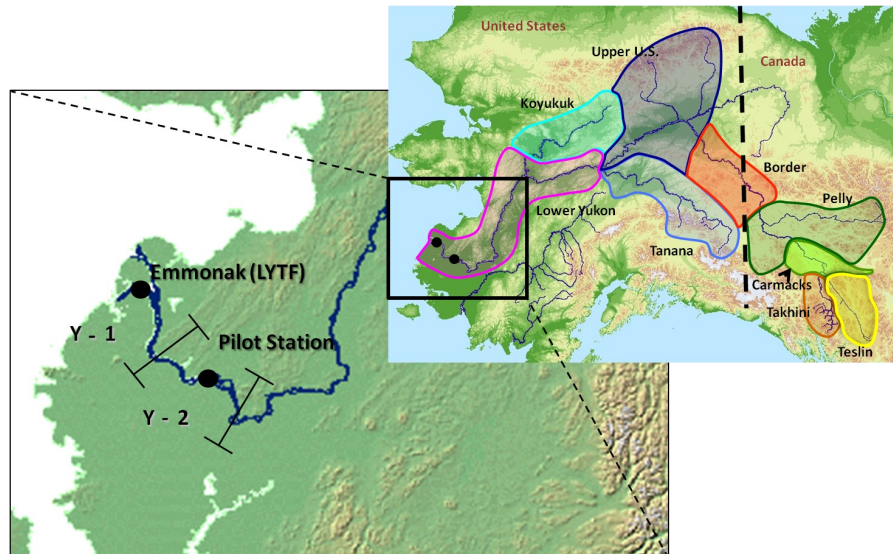
Note- Estimated proportional contributions (Est), standard deviations (S.D.), coefficient of variation (CV), and 90% credibility intervals (90% CI) by reporting group of Chinook salmon caught in the District Y-1 Lower Yukon Test Fishery (LYTF), 2012.



Above— Estimated broad-scale stock proportions of Chinook salmon caught in the LYTF (Big Eddy), June 11-25, 2012. Error bars note the 90% credibility intervals (90% CI).



Above— Estimated Country-of-origin stock proportions of Chinook salmon caught in the LYTF (Middle Mouth), June 13-25, 2012. Error bars note the 90% credibility intervals (90% CI).



Above— Map showing locations of the Lower Yukon Test Fishery (LYTF) and Pilot station sonar site relative to the fine scale reporting regions used in MSA.

Pilot Station Test Fishery

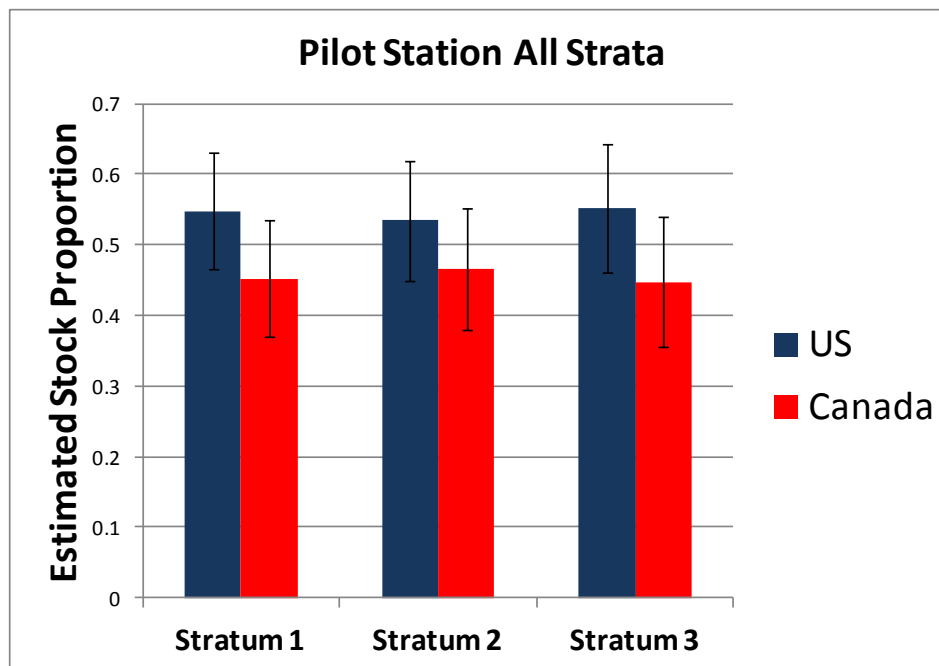
June 10 through July 7, 2012

Summary of estimates for all inseason analyses

Estimates provided inseason and are to be considered preliminary

Reporting Group	Pilot Station Stratum 1				Pilot Station Stratum 2				Pilot Station Stratum 3			
	June 10-25				June 26-30				July 1-7			
	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI	Est	S.D.	CV	90%CI
Country												
United States	0.548	0.050	0.091	(0.466-0.630)	0.535	0.052	0.097	(0.449-0.620)	0.553	0.056	0.101	(0.460-0.644)
Canada	0.452	0.050	0.111	(0.370-0.534)	0.465	0.052	0.112	(0.380-0.551)	0.447	0.056	0.125	(0.356-0.540)
Broad-scale												
Lower Yukon	0.252	0.041	0.163	(0.186-0.322)	0.181	0.039	0.213	(0.121-0.248)	Insufficient sample size			
Middle Yukon	0.296	0.052	0.174	(0.214-0.384)	0.353	0.054	0.152	(0.267-0.443)				
Canada	0.452	0.050	0.111	(0.370-0.534)	0.465	0.052	0.112	(0.380-0.551)				

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, June 26 through July 7, 2012. Error bars note the 90% credibility intervals (90% CI).

Pilot Station Test Fishery—Strata 1 and 2 pooled

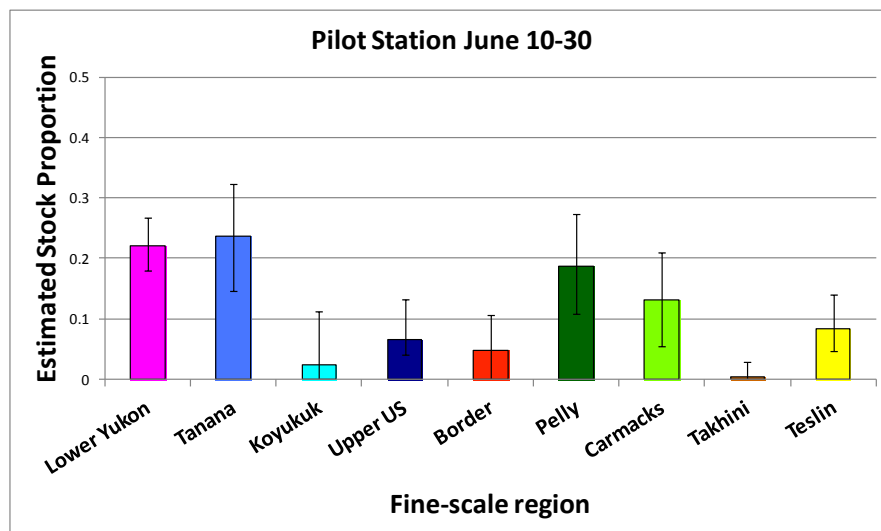
June 10-30, 2012

This analysis was completed on June 8, 2012, and combines the samples from strata 1 and 2 for the purpose of providing fine-scale stock composition estimates for Chinook passage at Pilot Station through June 30.

Estimates provided inseason and are to be considered preliminary

Pilot Station Stratum 1 and 2 pooled				
June 10-30				
N=298				
Reporting Group	Est	S.D.	CV	90%CI
Country				
United States	0.547	0.036	0.067	(0.487-0.607)
Canada	0.453	0.036	0.080	(0.393-0.513)
Broad-scale				
Lower Yukon	0.221	0.029	0.131	(0.175-0.270)
Middle Yukon	0.326	0.038	0.116	(0.265-0.389)
Canada	0.453	0.036	0.080	(0.393-0.513)
Fine-scale				
Lower Yukon	0.221	0.029	0.131	(0.175-0.270)
Tanana	0.236	0.040	0.168	(0.171-0.302)
Koyukuk	0.024	0.031	1.309	(0.000-0.090)
Upper U.S.	0.066	0.032	0.483	(0.017-0.121)
Border	0.047	0.020	0.425	(0.018-0.083)
Pelly	0.188	0.043	0.228	(0.119-0.259)
Carmacks	0.130	0.043	0.334	(0.059-0.197)
Takhini	0.005	0.008	1.855	(0.000-0.023)
Teslin	0.084	0.034	0.404	(0.043-0.142)

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 broad-scale stock proportions of Chinook salmon caught in District Y-2 Pilot Station Test Fishery, June 10-30, 2012 . Error bars note the 90% credibility intervals (90% CI) .