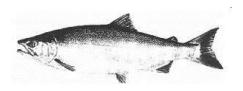
## ALASKA DEPARTMENT OF FISH AND GAME DIVISION OF COMMERCIAL FISHERIES NEWS RELEASE



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## Yukon River Chinook Salmon Stock Composition Summary May 30 – July 6, 2016

This is the Alaska Department of Fish and Game with an update regarding genetic stock composition estimates for Yukon River Chinook salmon from the test fishing operations near Pilot Station for May 30 – July 6, 2016.

A total of 648 fish were sampled and 646 were analyzed (577 had adequate data to include in the analysis). The sample sizes for the strata May 30 – June 14 and June 26 – July 6 were insufficient for stock assignment to drainage.

	May 30 - June 14 n=178			June 15 - 25 n=288			June 26 - July 6 n=111		
	Stock	9	0%	Stock	90	)%	Stock	90	)%
Reporting	Composition	Confider	nce Interval	Composition	Confidence	e Intervals	Composition	Confidence	e Intervals
Group	Estimate	Lower	Upper	Estimate	Lower	Upper	Estimate	Lower	Upper
Lower Yukon	6.88%	3.14%	11.34%	25.19%	19.72%	31.16%	38.91%	30.46%	47.66%
Middle U.S. Yukon	41.51%	33.38%	49.89%	41.20%	33.68%	49.29%	7.47%	2.52%	13.95%
Koyukuk River				1.14%	0.00%	5.37%			
Tanana River				32.52%	25.39%	39.61%			
Upper U.S. Yukon	l			7.54%	1.83%	14.46%			
Canada	51.61%	43.62%	59.37%	33.62%	26.16%	40.50%	53.63%	44.25%	62.80%

The season estimate for the time period May 30 - July 6 is given below. These estimates are calculated by weighting the estimates for the three strata in the table above by the passage estimate for each time period.

	May 30 - July 6 n=577				
	Stock	90%			
Reporting	Composition	Confidence Interv			
Group	Estimate	Lower	Upper		
Lower Yukon	24.41%	20.71%	28.31%		
Middle U.S. Yukon	32.99%	28.42%	37.85%		
Koyukuk River	0.97%	0.01%	3.34%		
Tanana River	26.34%	21.88%	30.81%		
Upper U.S. Yukon	5.68%	1.98%	10.04%		
Canada	42.60%	37.75%	47.25%		

These and past results can be found at: <a href="http://www.adfg.alaska.gov/index.cfm?adfg=fishinggeneconservationlab.yukonchinook\_results">http://www.adfg.alaska.gov/index.cfm?adfg=fishinggeneconservationlab.yukonchinook\_results</a>