

ALASKA DEPARTMENT OF FISH AND GAME

DIVISION OF COMMERCIAL FISHERIES

NEWS RELEASE



Sam Cotten, Commissioner
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CHIGNIK WEIR SOCKEYE SALMON STOCK COMPOSITION SUMMARY #2

July 2, 2016

This is the Alaska Department of Fish and Game with an update regarding genetic stock composition estimates for sockeye salmon from the Chignik River weir for July 2, 2016. A total of 190 fish were sampled and genotyped, however only 156 fish had adequate genotypes to include in the mixture. We are uncertain why some fish failed to adequately amplify for genotyping; however, we are confident in the 156 fish with quality genotypes. Although the credibility intervals are higher with this smaller sample size, we think there is value in releasing in-season estimates based on a sample size of 156 fish to distinguish between two reporting groups (early and late-run).

Reporting Group	Stock Composition Estimate	90% Confidence Intervals	
		Lower	Upper
Black (Early Run)	79.9%	69.4%	89.5%
Chignik (Late Run)	20.1%	10.5%	30.6%

Statistical charts, harvest strategies, and subsistence fishing permits are available at the Chignik weir and the Kodiak regional ADF&G offices. Commercial fishing information, regulations, commercial harvest, escapement, and news releases can be found on the ADF&G website at <http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareachignik.salmon> and by calling the 24-hour record-a-phone at 845-2235. Fishermen are encouraged to standby on VHF Channel 6 at 9:15 a.m. and 6:15 p.m. daily for fishery updates.

This project is funded by the Alaska Sustainable Salmon Fund (<http://www.akssf.org/Default.aspx?id=3423>). Samples were collected at the Chignik weir and analyzed at the Gene Conservation Laboratory by Commercial Fisheries Division staff. These results are in-season estimates and are therefore preliminary in nature.

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