

Submitted by the Alaska Department of Fish and Game on behalf of Board Member Payton
February 7, 2020

Total run, inriver run, escapement, Deshka River weir count, and associated coefficient of variation (CV) for four Susitna River king salmon stocks, 2018 – 2019. These estimates are considered in draft form until formal publication. They are intended to supplement those found in Appendix C of Reimer, A.M., and N.A. DeCovich. 2020. Susitna River Chinook salmon run reconstruction and escapement goal analysis. Alaska Department of Fish and Game, Fishery Manuscript No. 20-01, Anchorage.

For the Deshka River, the weir count will be used as it has been in the past and therefore is provided here.

	Total run (CV)	Inriver run (CV)	Escapement (CV)	Weir count
Deshka River 2018				8,549
2019				9,705
Eastside Susitna 2018	10,683 (0.17)	10,600 (0.17)	10,599 (0.17)	
2019	11,728 (0.16)	11,655 (0.16)	11,653 (0.16)	
Talkeetna River 2018	7,210 (0.18)	7,155 (0.18)	7,153 (0.18)	
2019	10,840 (0.19)	10,773 (0.19)	10,771 (0.19)	
Yentna River 2018	15,009 (0.21)	14,893 (0.21)	14,892 (0.21)	
2019	23,133 (0.24)	22,990 (0.24)	22,989 (0.24)	

Note: Point estimates are posterior medians, CVs are posterior standard deviations divided by posterior means.