

02.28.24

Alaska Board of Fisheries

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Support Information for proposal 99; authored by Paul A. Shadura II

Information was requested by; BOF Chairman John Wood

Chairman Wood,

The Alaska Department of Fish and Game (ADF&G) stated that there was no “yield” for the Kenai River Late-Run King Salmon (KRLRKS) at present spawner/return models. That statement would not comport to previous return data and the definitions as specified in 39.222

(f) (38) **“sustained yield”** means an average annual yield that results from a level of salmon escapement that can be maintained on a continuing basis; a wide range of average annual yield levels is sustainable; a wide range of annual escapement levels can produce sustained yields;

(f) (41) **“yield”** means the number or weight of salmon harvested in a particular year or season from a stock

Information can be accessed from;

ADF&G Memorandum, 01.23.24, Kenai River late-run Chinook salmon 2024, (75cm METF), Table 2,

Fishery Management Report No. 24-04

Email from Colton Lipka (adf&g), February 20, 2024 from Tony Eskelin (adf&g)

RC 068, Joseph Person

RC 019 KRSA

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All Kenai River King Returns for Years Available

Years:	<u>escapement</u> (>75 cm)	<u>all size</u> (rm 13.7)	<u>total return</u> (>75cm)	<u>yield</u> (>75cm)	<u>escapement</u> (<75cm)	<u>ESSN harvest</u> (<75cm)	<u>total all fish</u>
2012	23,427		24,038	611			
2013	12,719		14,452	1,733			
2014	11,584	16,871	12,776	1,192			
2015	16,857	28,918	23,139	6,282			
2016	15,652	22,537	25,023	9,371		3,853	
2017	20,583	24,436	30,734	10,151	3,853	1,781	36,368
2018	17,405	25,143	18,364	959	7,738	1,757	27,859
2019	11,709	18,093	13,360	1,651	6,384	1,633	21,377
2020	11,854	18,908	12,226	372	7,054	686	17,745
2021	12,238	16,677	12,794	556	4,439	1,080	18,313
2022	13,911	20,712	14,078	167	6,801	300	21,179
2023	14,502	20,162	14,537	35	5,660	0	20,197