

ADDENDUM-Run Size reconstructions by river system sorted by run size

Tables 3-8x through 3-11x are reproduced here sorted by run size (rather than by year as included in the preliminary review draft Tables 3-8 through 3-11) with the associated information as to whether ANS and escapement goals were met in that year. The average run size over all years represented in the table is included in the caption for each table.

Table 3-8x Yukon River chum salmon summer run reconstruction index and whether ANS and escapement goals were met, 1992 through 2022 sorted by run index. The average run size over this time is 2,063,060

Year	Yukon Summer Index (run reconstruction)	Currently established ANS Met (83,500–142,192)	Met or Exceeded All Current EGs(Anvik, EF Andreafsky and Drainagewide; based on currently used EG range)
1995	4,295,000	YES	100%
1996	4,219,600	YES	100%
2006	4,012,700	YES	100%
1994	3,670,100	YES	100%
2017	3,627,300	YES	100%
2013	3,346,100	YES	100%
2005	2,760,000	YES	67%
1992	2,707,800	YES	100%
2016	2,578,100	YES	67%
2012	2,478,400	YES	100%
2014	2,463,900	YES	67%
2011	2,405,800	YES	100%
2007	2,154,700	YES	100%
2018	2,070,000	NO	33%
2008	2,065,100	YES	100%
2015	1,974,300	YES	100%
1993	1,786,500	YES	100%
2009	1,698,400	NO	33%
2019	1,682,200	NO	67%
2010	1,664,800	YES	100%
1997	1,654,200	YES	100%
2004	1,462,500	NO	100%
2002	1,273,400	YES	100%
2003	1,259,000	NO	33%
1999	1,142,800	YES	67%
1998	1,012,700	YES	100%
2020	762,520	NO	100%
2000	552,470	NO	0%
2001	541,970	NO	0%
2022	478,130	NO	0%
2021	154,370	NO	0%

Sources: <https://www.adfg.alaska.gov/FedAidPDFs/SP22-20.pdf> https://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareayukon.subsistence_salmon_harvest
<https://www.adfg.alaska.gov/FedAidPDFs/SP22-20.pdf>

Jallen, D. M., C. M. Gleason, B. M. Borba, F. W. West, S. K. S. Decker, and S. R. Ransbury. 2022. Yukon River salmon stock status and salmon fisheries, 2022: A report to the Alaska Board of Fisheries, January 2023. Alaska Department of Fish and Game, Special Publication No 22, Anchorage <https://www.adfg.alaska.gov/FedAidPDFs/SP22-20.pdf>

Table 3-9x Yukon River chum salmon fall run reconstruction index and whether ANS and escapement goals were met, 1992 through 2022 sorted by run index. The average run size over this time frame is 893,713.

Year	Yukon Fall Index (run reconstruction)	Currently established ANS Met (89,500–167,900)	Met or Exceeded All Current EGs(Drainagewide, Delta, Chandalar, Fishing Branch CA, Yukon Mainstem CA; based on currently used EG range)
2017	2,288,383	NO	100%
2005	2,180,488	YES	100%
1995	1,611,534	YES	100%
2016	1,389,062	NO	100%
2011	1,238,091	NO	80%
2013	1,211,909	YES	100%
2006	1,211,273	NO	100%
2007	1,160,101	YES	100%
1996	1,141,115	YES	100%
2018	1,112,834	NO	80%
1994	1,109,572	YES	100%
2012	1,085,700	YES	100%
2014	954,769	YES	80%
2008	857,269	NO	80%
2015	823,653	NO	80%
2019	801,614	NO	80%
2003	792,025	NO	100%
1997	707,279	YES	100%
2004	653,216	NO	80%
2009	598,277	NO	100%
2010	587,091	NO	80%
1992	568,652	YES	75%
1993	473,535	NO	75%
2002	427,969	NO	80%
1999	419,480	YES	40%
2001	374,885	NO	60%
1998	351,957	NO	40%
2000	252,942	NO	40%
2022	242,480	NO	0%
2020	184,233	NO	25%
2021	95,249	NO	0%

Sources: <https://www.adfg.alaska.gov/FedAidPDFs/SP22-20.pdf> https://www.adfg.alaska.gov/CF_R3/external/sites/avkdbms_website/DataSelection.aspx https://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareayukon.subsistence_salmon_harvest <https://www.adfg.alaska.gov/FedAidPDFs/SP22-20.pdf>

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Table 3-10x Kuskokwim River chum Bethel test fishery CPUE and whether ANS and escapement goals were met, 1992 through 2022 sorted by run index. The average run size over this time frame is 5,715

Year	Bethel Test Fishery CPUE	Currently established ANS Met (41,200-116,400)	All Current Eggs (Kogrukluk River; based on currently used)
2005	18,192	YES	YES
2006	13,927	YES	YES
2007	10,655	YES	YES
2011	10,028	YES	YES
2009	8,257	YES	YES
1996	8,256	YES	YES
2018	8,205	YES	YES
2010	7,655	YES	YES
2012	6,894	YES	
2002	6,798	YES	YES
2017	6,785	YES	YES
2008	6,749	YES	YES
2019	6,429	NO	YES
2014	6,345	YES	YES
2013	5,739	YES	YES
2004	5,248	YES	YES
2003	4,819	YES	YES
1994	4,801	YES	
2016	3,998	YES	YES
1995	3,986	YES	YES
2001	3,396	YES	YES
1992	3,057	YES	YES
2015	2,945	NO	YES
2000	2,599	YES	NO
1993	2,586	YES	YES
1998	2,337	YES	
2022	2,191	NO	NO
1997	1,965	NO	NO
2020	1,443	NO	YES
1999	549	YES	NO
2021	327	NO	NO

Source: <https://www.adfg.alaska.gov/FedAidPDFs/SP22-19.pdf>

<https://www.adfg.alaska.gov/FedAidPDFs/SP22-19.pdf>

Table 3-11x Index of the sum of five Norton Sound Rivers Snake, Nome, Eldorado, Kwiniuk and North river weirs/towers escapement and total harvest) and whether ANS and escapement goals were met, 1997 through 2022 (data are incomplete for recent years) sorted by run index. The average run size over this time frame is 128,481

Year	Minimum Standardized Index (Sum of Snake, Nome, Eldorado, Kwiniuk, North rivers weir/tower escapement and Total NS Harvest)	Met or Exceeded Current EGs (Snake, Nome, Eldorado, Kwiniuk; based on currently used EG range - excludes Tubutulik because that system is rarely assessed)	Subdistricts 1-6 Subsistence Harvest
2018	363,939	100%	6,572
2017	324,148	100%	14,226
2010	277,401	100%	16,201
2015	259,441	100%	14,767
2019	234,270	100%	6,280
2014	215,382	100%	16,233
2011	202,421	100%	14,556
2013	188,104	75%	15,504
2016	124,397	75%	12,818
2006	113,350	100%	5,942
2007	107,719	100%	12,011
2012	107,359	50%	12,399
1997	101,934	100%	16,906
1998	80,966	100%	14,497
2002	73,710	100%	13,095
2009	69,906	25%	8,946
2001	66,123	75%	13,963
2008	63,806	75%	8,709
2022	62,657	100%	10,539
2000	55,153	75%	12,989
2005	53,034	100%	6,115
2020	49,762	50%	1,950
2003	43,407	75%	9,498
2004	41,270	75%	4,541
1999	39,217	0%	13,049
2021	21,632	50%	1663