

Submitted by the Alaska Department of Fish and Game at the request of Board Member Payton
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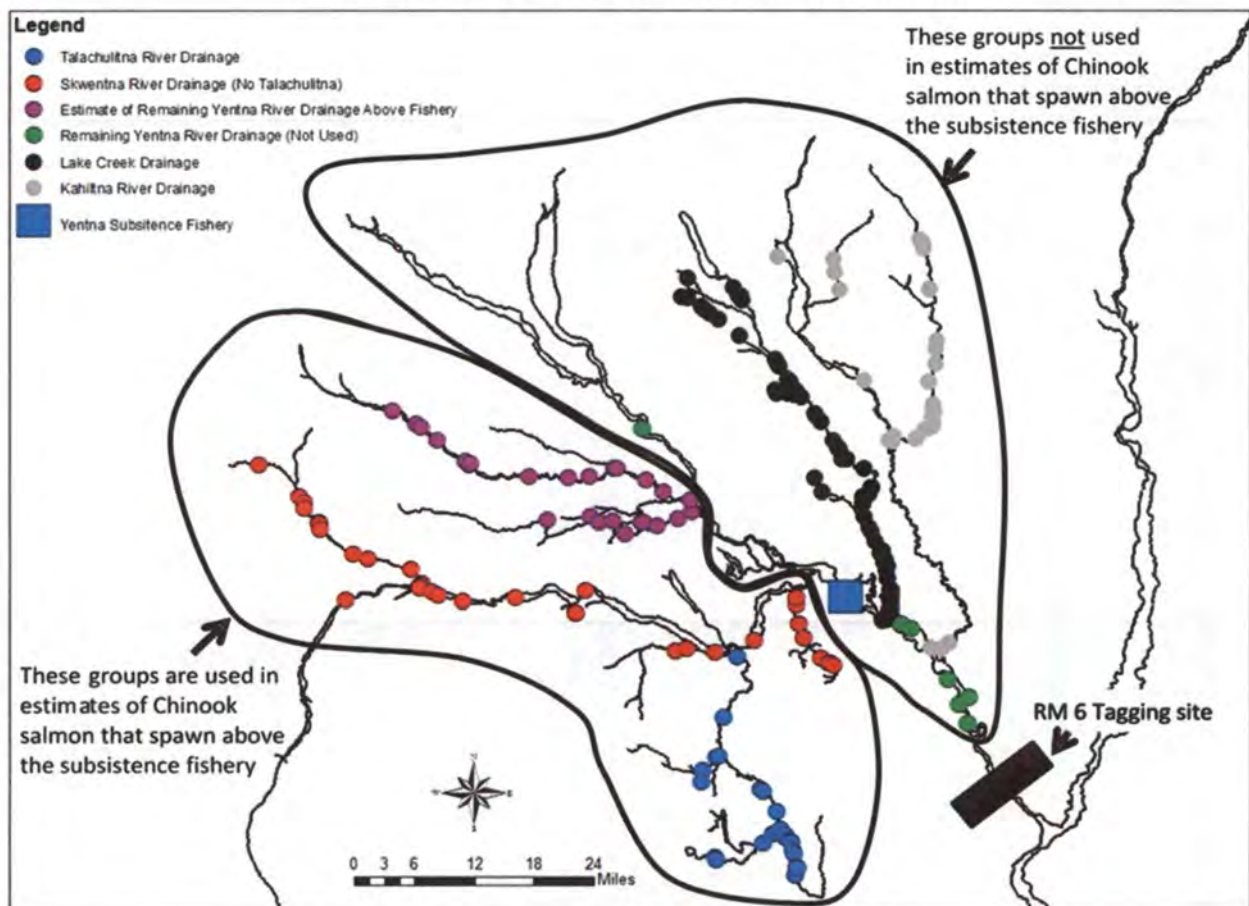
King salmon (>500mm) inriver abundance at the RM 6 tagging site, by drainage groupings, 2015–2017.

Location	2015	2016	2017	2015-2017 Average
	Tributary Abundance	Tributary Abundance	Tributary Abundance	
Talachulitna River drainage	9,351	6,542	1,812	5,902
Skwentna River drainage (No Talachulitna)	11,221	4,716	2,836	6,258
Estimate of Remaining Yentna River drainage above the subsistence fishery	6,248	3,955	2,048	4,084
Total estimate of king salmon (>500mm) above the Yentna River subsistence fishing area ^a	26,820	15,213	6,696	16,243
Remaining Yentna River drainage (not used) ^b	3,310	3,955	1,812	3,026
Lake Creek drainage	10,805	8,367	6,539	8,570
Kahiltna River drainage	7,481	3,803	2,757	4,680
Total Yentna in river estimate of king salmon (>500mm)	48,416	31,338	17,804	32,519

^a Estimate does not include sport harvest removals. Data is unavailable for 2014 season.

^b This reporting group contains king salmon that spawn above and below the subsistence fishing area.

2017 Yentna River Chinook salmon distribution



Map of final locations assigned to king salmon >500mm in the Yenta River distribution study, 2017. Note that the group “Remaining Yentna River Drainage” includes fish assigned both below and above the subsistence fishery, and therefore that data was not used to produce the estimates for the “Total estimate of king salmon (>500mm) above the Yentna River Subsistence fishing area” group.