

**JULY 26, 2022  
CITY COUNCIL SPECIAL MEETING  
ADDITIONAL MATERIAL/REVISIONS**

**REQUESTED ADDITIONS TO THE PACKET:**

<b><u>ACTION</u></b>	<b><u>ITEM</u></b>	<b><u>REQUESTED BY</u></b>
Add to item B.1	<b>Resolution No. 2022-57</b> <ul style="list-style-type: none"><li>• Public Comment</li></ul>	City Clerk

**Padgett  
855 Ames Road  
Kenai, Alaska 99611**

Monday, July 25, 2022

City of Kenai  
Planning & Zoning Department  
210 Fidalgo Avenue  
Kenai, AK 99611

RE: Resolution No. 2022-57

I would like to go on record as encouraging the City of Kenai to **not** pass Resolution No. 2022-57 related to fishery management. Fishery Management has finally progressed to include paired restrictions related to Kenai River King Salmon. Kenai River King Salmon have suffered for years, and the State of Alaska Board of Fish has implemented measures that might provide hope for a continued July King Salmon run.

I appreciate the complexity of the issue and am concerned about the political influence on biological issues. Given the Board of Fish position on the side of King Salmon conservation, I recommend that the City of Kenai support the Board of Fish decision.

I am not anti-set net, simply pro King Salmon.

Sincerely,



Mack E. Padgett  
907/350-2103



My name is Brian Koski. I am a lifelong Alaska resident and east side set netter. My Family has deep roots in the Kasilof area. My Grandparents and father homestead in the late 50's and 60's in clam gulch. We have had our set net site on K-Beach road since 1967. This is a family operation. There has always been three generations fishing our nets since I was born.

I am concerned with how ADF&G has managed this years Kasilof River run. I am distressed that with the current level of escapement into the river this will damage future runs for all user groups. I have never seen in my life 125K up the river in one day nor have my parents. They are projecting 900K+ in the Kasilof river. That is our entire run! The Kasilof river is a very small system compared to the Kenai River. It can not handle this much pressure. I fear this will result in the system crashing. This is all over a few large Kenai Chinook, from the Kenai River an entirely different river system.

Brian Marston, Cook Inlet Commercial Fishing Manager, informed me that he is managing for a weak stock (Kenai river Chinook). There is no definition in 5 AAC 39.222 or 223, NOAA, North Pacific Management Counsel for weak stock management.

I have reached out to the commissioner several times. The Commissioner has the authority to open up the Kasilof set net sites. I feel this is a politically motivated move on the Commissioner's part. I feel that he is not upholding the duties of the office of ADF&G and is being negligent in his decisions. ADF&G is not being good stewards of this natural resource. I am urgently asking you to take a deeper look into this matter. People of all user groups are losing trust in the Department of Fish and Game.

Upper Cook inlet ESSN  
Sockeye and Chinook Harvest

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I have included data from the last 10 years for you to review.

Kasilof Sockeye Escapement Goals

140,000-320,000 BEG

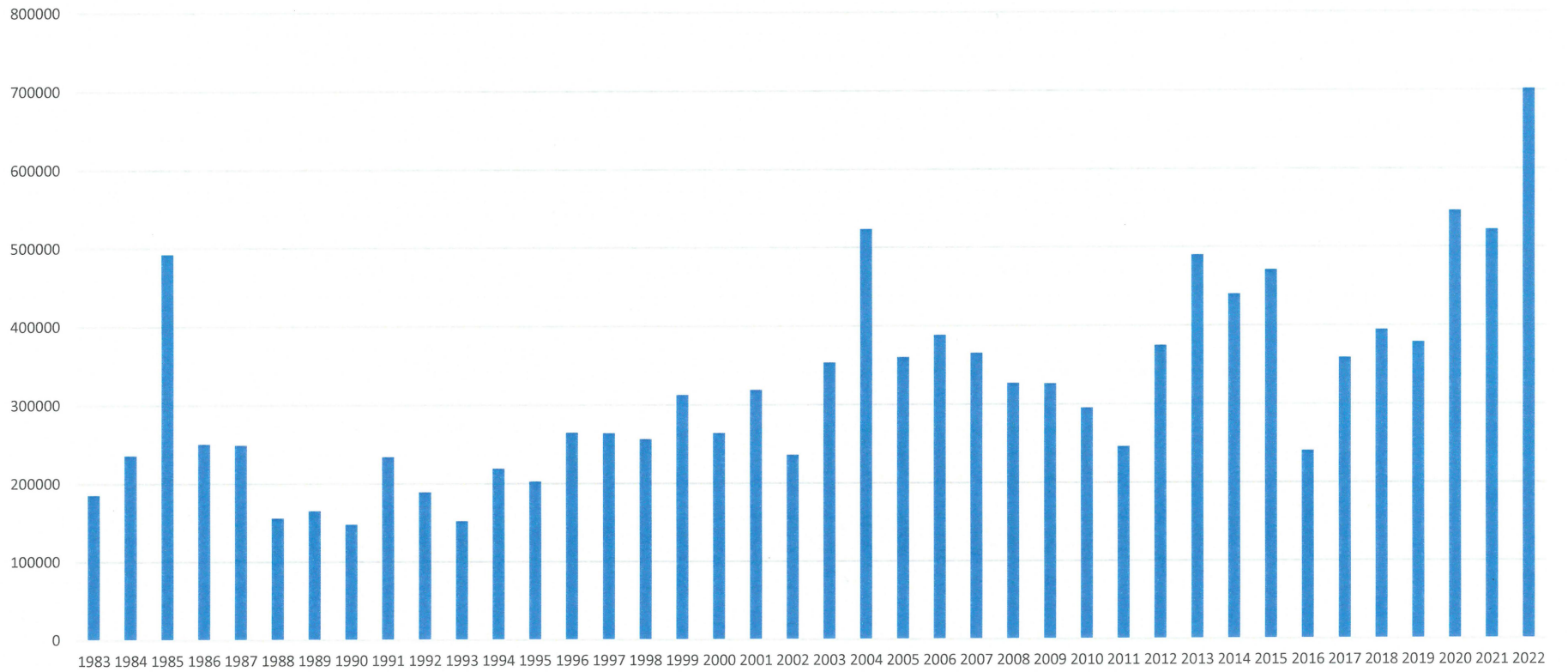
Kenai River Sockeye goal

1,100,000-1,400,000 In-river goal

Kenai River Late Chinook Goal (large Goal)

15,000-30,000 OEG

Kasilof In-river Escapement  
140,000-320,000  
1983-2022



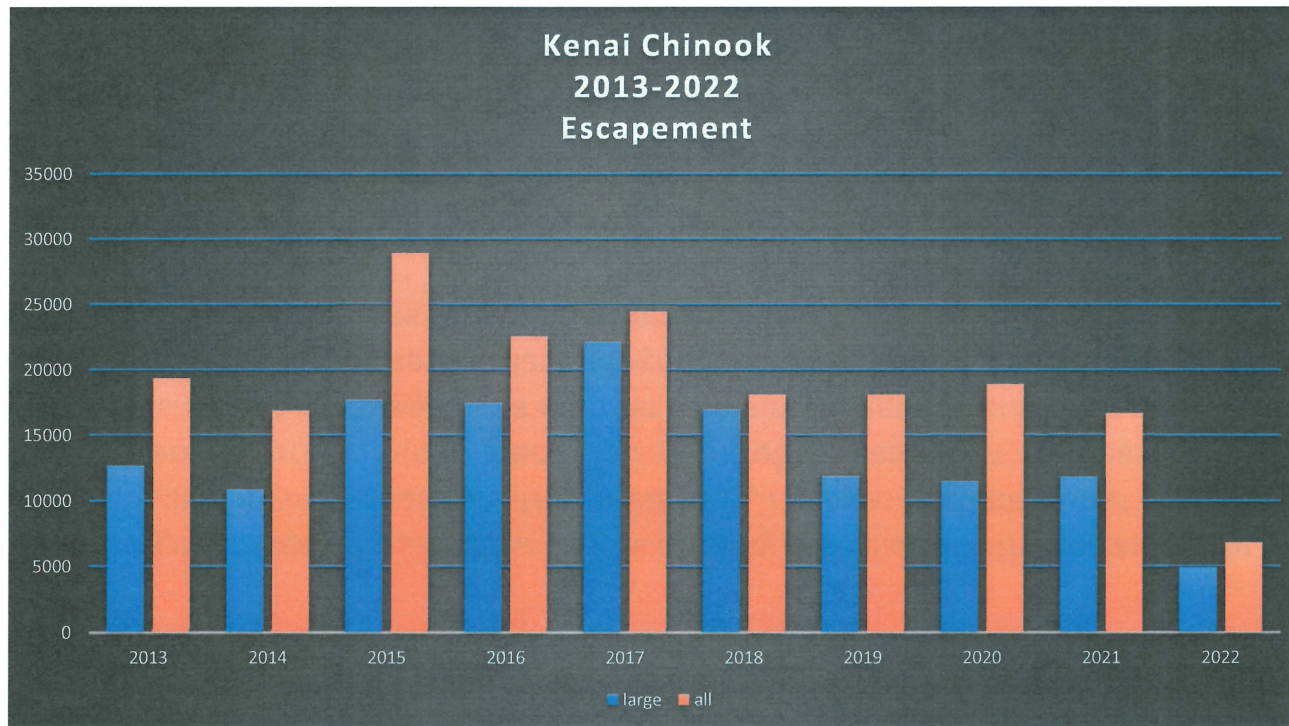
Current problem in the east side set net (ESSN) fishery is that the large chinook goal goes against 5 AAC 39. 222 (c) (2) C and D.

**(C)** salmon escapement goal ranges should allow for uncertainty associated with measurement techniques, observed variability in the salmon stock measured, changes in climatic and oceanographic conditions, and varying abundance within related populations of the salmon stock measured;

**(D)** salmon escapement should be managed in a manner to maintain genetic and phenotypic characteristics of the stock by assuring appropriate geographic and temporal distribution of spawners as well as consideration of size range, sex ratio, and other population attributes;



The Current Kenai River Chinook goal isn't counting all sizes of chinook that pass by the sonar. On July 17, 2022, they closed the river to sport fishing for Chinook. ADF&G issued emergency order 2-KS-1-53-22. With this closure the ESSN are shut down until further notice.



The Commissioner has the authority to open or close any fishery.

5 AAC 21.363 (e)

(e) Notwithstanding any other provision of this chapter, it is the intent of the board that, while in most circumstances the department will adhere to the management plans in this chapter, no provision within a specific management plan is intended to limit the commissioner's use of emergency order authority under AS 16.05.060 to achieve established escapement goals for the management plans as the primary management objective. For the purpose of this subsection, "escapement goals" includes inriver goal, biological escapement goal, sustainable escapement goal, and optimal escapement goal as defined in 5 AAC 39.222

The commissioner has several options in the Kasilof district to open fishing with little large Kenai chinook harvest.

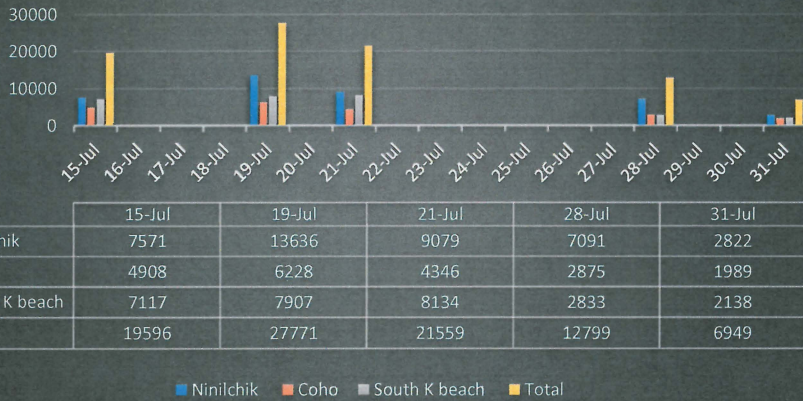
Kasilof district 600'

Kasilof district ½ half mile

Kasilof district

During 2015-2016 a genetic study was done with the whole ESSN fishery. In 2015 they fished the Kasilof district 600' 5 times. We caught 88674 sockeye and 32 large Kenai chinook harvested.

### Sockeye Totals Kasilof Section 600'



600'	Niniichik	Coho	South K beach	Total	
15-Jul		7571	4908	7117	19596
19-Jul		13636	6228	7907	27771
21-Jul		9079	4346	8134	21559
28-Jul		7091	2875	2833	12799
31-Jul		2822	1989	2138	6949
					88674

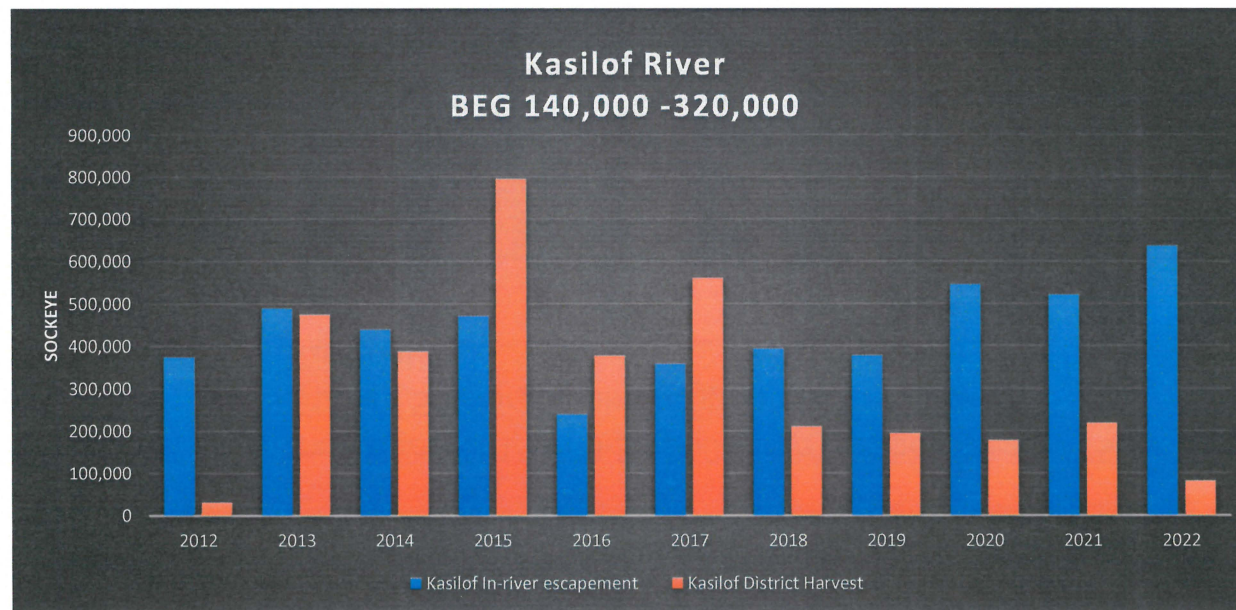
	sockeye	Chinook toal
15-Jul	19596	35
19-Jul	27771	50
21-Jul	21559	49
28-Jul	12799	23
31-Jul	6949	9
		166

Out of 166 harvested chinook 32 are Kenai river large chinooks.

Eastside Set Gillnet Chinook Salmon Harvest Composition in Upper Cook Inlet, Alaska, 2016, Including Large Fish Harvest for 2015 and 2016

<https://www.adfg.alaska.gov/FedAidPDFs/FDS17-50.pdf> PAGE 36

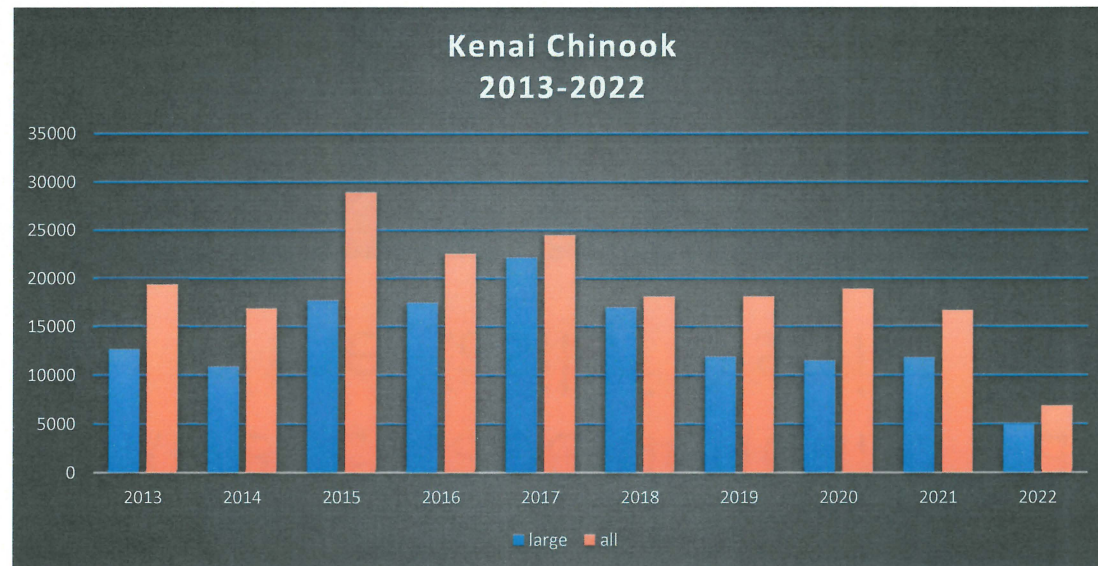
# Kasilof River Escapement and Harvest In the Kasilof District



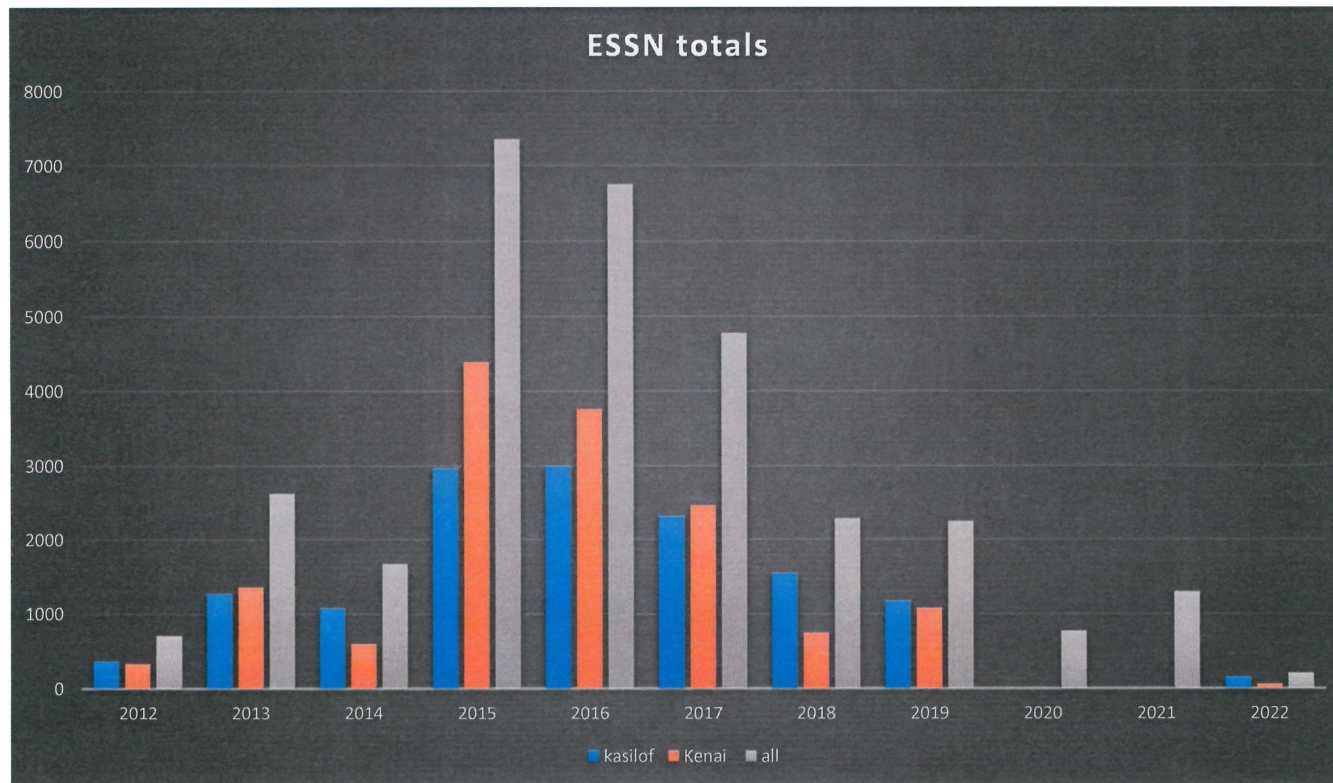


# Kenai Chinook Escapement 2013-2022

Currently the Optimal Escapement goal is 15,000-30,000 Large chinook greater 75cm  
In 2018 the goal was BEG 13,500-27,500 large Chinook greater than 75cm  
2013 was 15,000-30,000 All Size goal.



# Kasilof River and Kenai River All size Chinook Harvest in ESSN



## Maximum Sustainable Yield for the Kasilof River

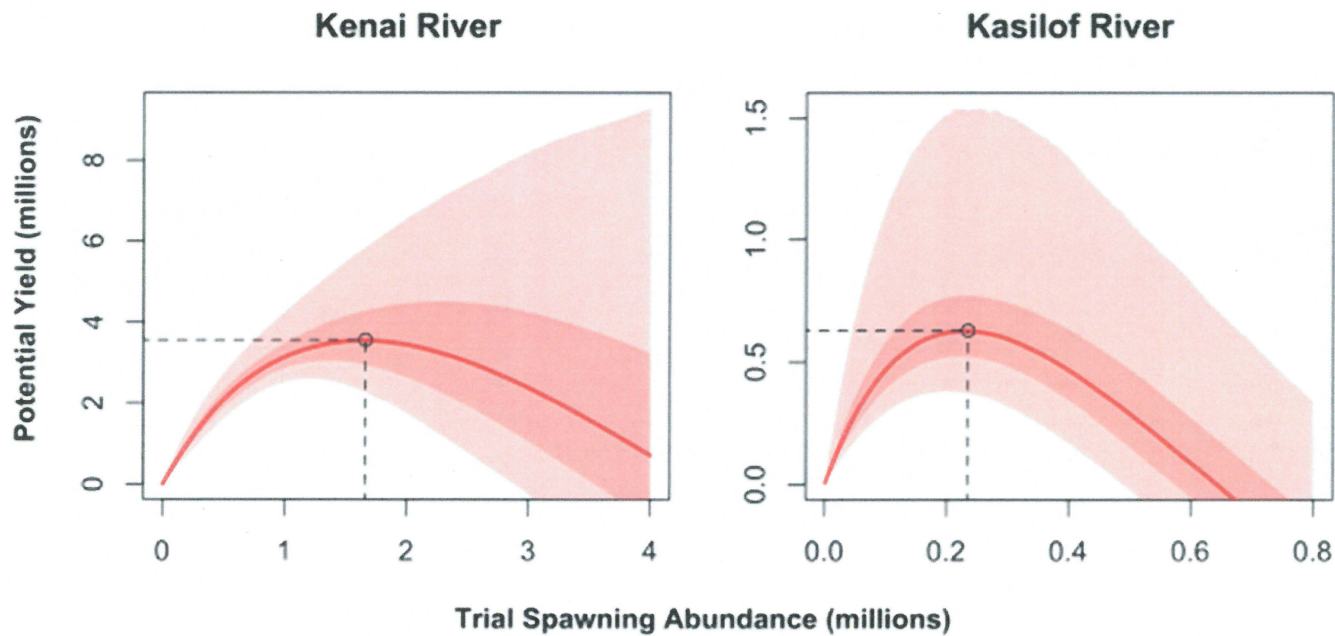


Figure 14. Simulated potential yield for the autoregressive Ricker model across a range of trial spawning abundances. The red line indicates the median expectation, while the dark and light shaded regions indicate the 50% and 95% credible intervals for predictions. Dashed lines describe predicted  $S_{msy}$  and MSY for each stock.

## Maximum Sustainable Yield for the Kenai River.

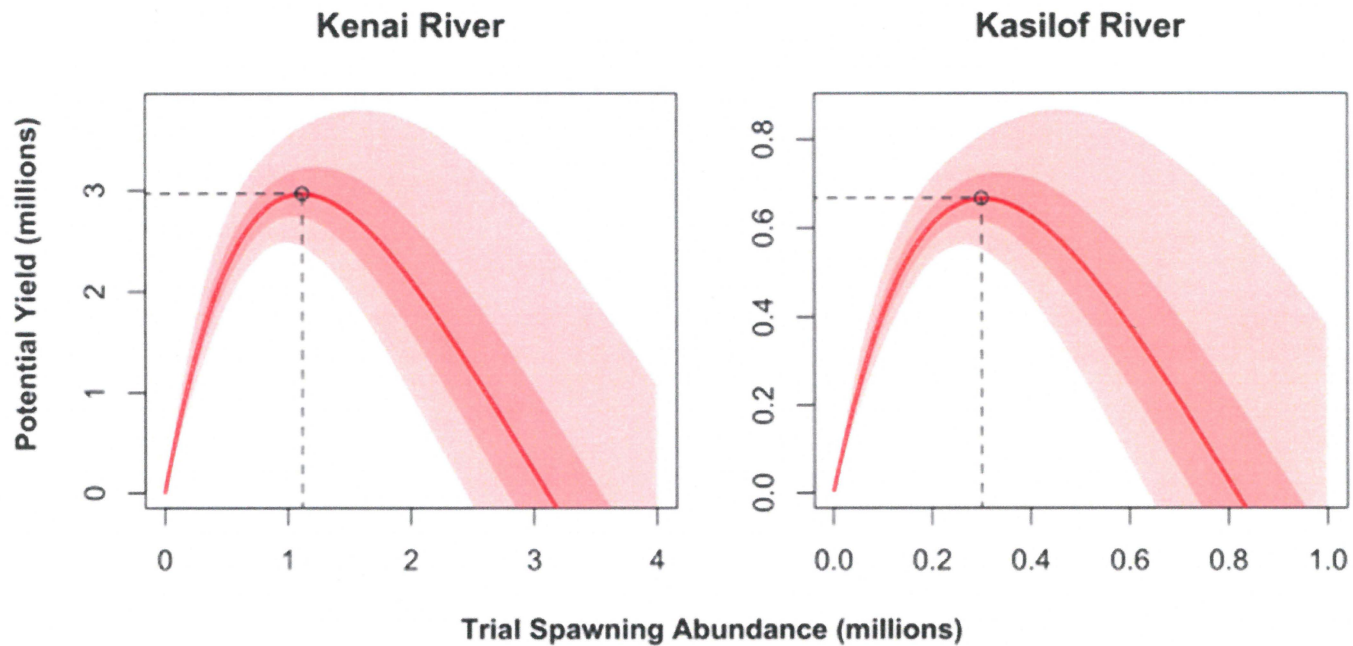


Figure 10. Simulated potential yield for the brood year interaction Ricker (main effects version) model across a range of trial spawning abundances. The red line indicates the median expectation, while the dark and light shaded regions indicate the 50% and 95% credible intervals for predictions. Dashed lines describe predicted Smsy and MSY for each stock.



# References

2012 UPPER COOK INLET COMMERCIAL SALMON FISHERY SEASON SUMMARY

<https://www.adfg.alaska.gov/static/applications/dcfnewsrelease/237160620.pdf>

Upper Cook Inlet Commercial Fisheries Annual Management Report, 2012

<https://www.adfg.alaska.gov/FedAidPDFs/FMR13-21.pdf>

Upper Cook Inlet Commercial Fisheries Annual Management Report, 2013

<https://www.adfg.alaska.gov/FedAidPDFs/FMR13-49.pdf>

Upper Cook Inlet Commercial Fisheries Annual Management Report, 2014

<https://www.adfg.alaska.gov/FedAidPDFs/FMR15-20.pdf>

Upper Cook Inlet Commercial Fisheries Annual Management Report, 2015

<https://www.adfg.alaska.gov/FedAidPDFs/FMR16-14.pdf>

Upper Cook Inlet Commercial Fisheries Annual Management Report, 2016

<https://www.adfg.alaska.gov/FedAidPDFs/FMR17-05.pdf>

Upper Cook Inlet Commercial Fisheries Annual Management Report, 2017

<https://www.adfg.alaska.gov/FedAidPDFs/FMR18-10.pdf>

Upper Cook Inlet Commercial Fisheries Annual Management Report, 2018

<https://www.adfg.alaska.gov/FedAidPDFs/FMR19-25.pdf>

Upper Cook Inlet Commercial Fisheries Annual Management Report, 2019

<https://www.adfg.alaska.gov/FedAidPDFs/FMR21-26.pdf>

2020 Upper Cook Inlet Commercial Salmon Fishery Season Summary

<https://www.adfg.alaska.gov/static/applications/dcfnewsrelease/1231395611.pdf>

2021 Upper Cook Inlet Commercial Salmon Fishery Season Summary

<https://www.adfg.alaska.gov/static/applications/dcfnewsrelease/134668657.pdf>

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<https://www.adfg.alaska.gov/FedAidPDFs/FDS17-50.pdf>

Pages 58-59 show in late july we don't catch that many large Kenai Kings

Exploration of Overcompensation and the Spawning Abundance Producing Maximum Sustainable Yield for Upper Cook Inlet Sockeye Salmon Stocks

[https://meetings.npfmc.org/CommentReview/DownloadFile?p=5671087c-4793-461a-8c25-856f1776987c.pdf&fileName=D2%20\(SSC%20Review\)%20Overcompensation%20analysis.pdf](https://meetings.npfmc.org/CommentReview/DownloadFile?p=5671087c-4793-461a-8c25-856f1776987c.pdf&fileName=D2%20(SSC%20Review)%20Overcompensation%20analysis.pdf)