

2019 Inseason Harvest Estimates

Subsistence salmon harvest estimated during the 6 fishing opportunities provided within Refuge waters between and including Tuntutuliak and Akiak between June 11 and June 22:

- Total Salmon Harvest: 60,710 (50,070-72,840)
- Chinook Salmon Harvest: 40,120 (32,410-48,930)
- Sockeye Salmon Harvest: 13,400 (10,640-16,760)
- Chum Salmon Harvest: 7,170 (4,960-10,100)

Reference

Decossas G. In-season Harvest and Effort Estimates for the 2019 Kuskokwim River Subsistence Salmon Fisheries During Block Openers. US Department of Interior, Fish & Wildlife Service, Yukon Delta National Wildlife Refuge, Intern Report, Bethel, AK.



Peltola Fish Camp

PROJECT COLLABORATORS



PROJECT FUNDERS

*Partners for Fisheries Resource
Monitoring Program & the Office
of Subsistence Management*

For more information please contact:

Janessa Esquible, Partners Biologist
jesquible@nativecouncil.org

Office: 907-543-0523

Nick Smith, Kuskokwim Area Research
Biologist

Nick.smith@alaska.gov

Office: 907-267-2174

QUYANA

Inseason Harvest Monitoring Program



 **RONC**
ORUTSARMIUT NATIVE COUNCIL

Lekander Fish Camp

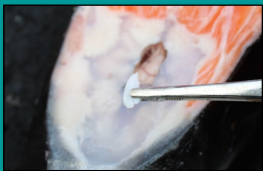


End of the Season Feedback

Participants were asked the following:
“Have you or the Bethel community benefited from being involved with the ONC harvest monitoring program?”

35 fishers responded yes and 4 fishers responded no.

Benefits described by fishers include: Earning \$ from age-sex-length sampling, keeping track of harvest numbers, receiving fish from Bethel Test Fishery and having their fishing information relayed to managers.



Dylan Demientieff dissecting Chinook salmon otolith.

INSEASON SUBSISTENCE HARVEST SURVEYS 2019 RESULTS

ONC conducted weekly surveys with Bethel area fish camps June 2-July 8, 2019. On average, 30 fish camps were contacted weekly.

Table 1. Fishing progress for fish camps surveyed the second week of July, 2019 .

Salmon	Goals Met (%)	Number of Fish Camps Who Met Goal
Chum (Dog)	74%	29/39
Sockeye (Red)	79%	31/39
Chinook (King)	82%	32/39

Compared to 2018, more fish camps reported to have met their sockeye and Chinook salmon harvest goals this year. The majority of respondents who did not meet their harvest goals for sockeye or Chinook salmon attributed it to not having a dependable boat, hot weather and supporting many families. Many respondents attributed not meeting their chum salmon goals to a late and weak chum salmon run.



2019 ONC Crew

Summer Internships & Employment Opportunities

WHO'S ELIGIBLE?

Youth of the YK Delta



Left to Right: Peter Crow, Avery Hoffman, Mary Beaver and Deja Jackson

Our Program Involvement

- King salmon age-sex-length (ASL) sampling
- Subsistence harvest surveys
- King salmon otolith sampling
- Fish distribution program
- Science & Culture camps
- Kuskokwim River Salmon Management Working Group (WG)

2019 ASL Recruitment

25 local samplers

~1500 samples received

~\$7,000 paid to samplers

Highest Recruitment Since 2011