

# Subsistence Harvest and Escapement

## Southeast Alaska Region



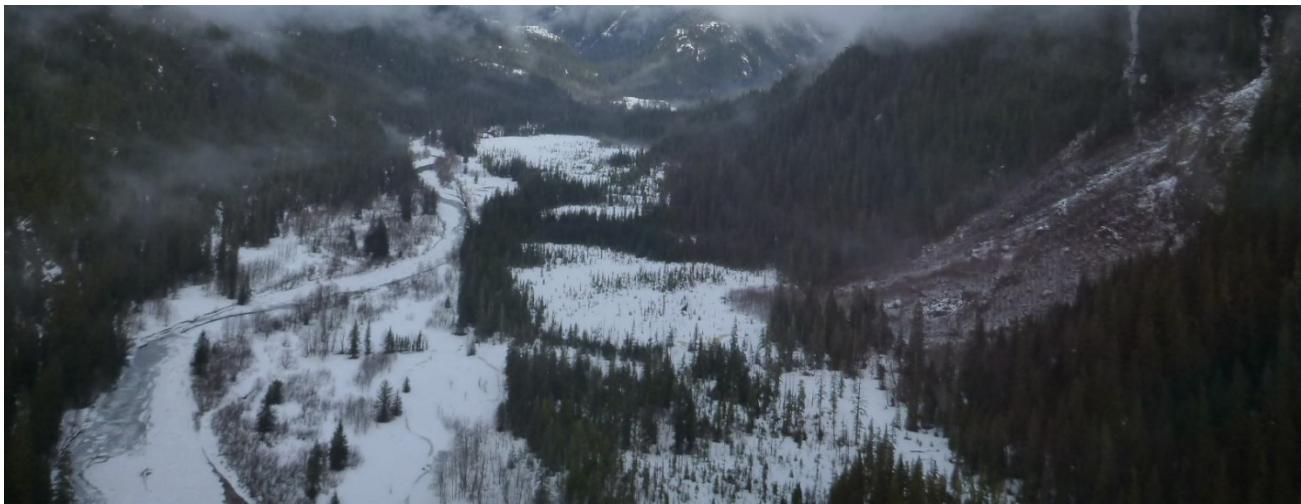
# District 1 Eulachon Monitoring - 2020

- Two aerial surveys as of March 19
- No on-site monitoring due to access difficulties
- Two small schools observed in Upper Landing Slough on the Unuk River

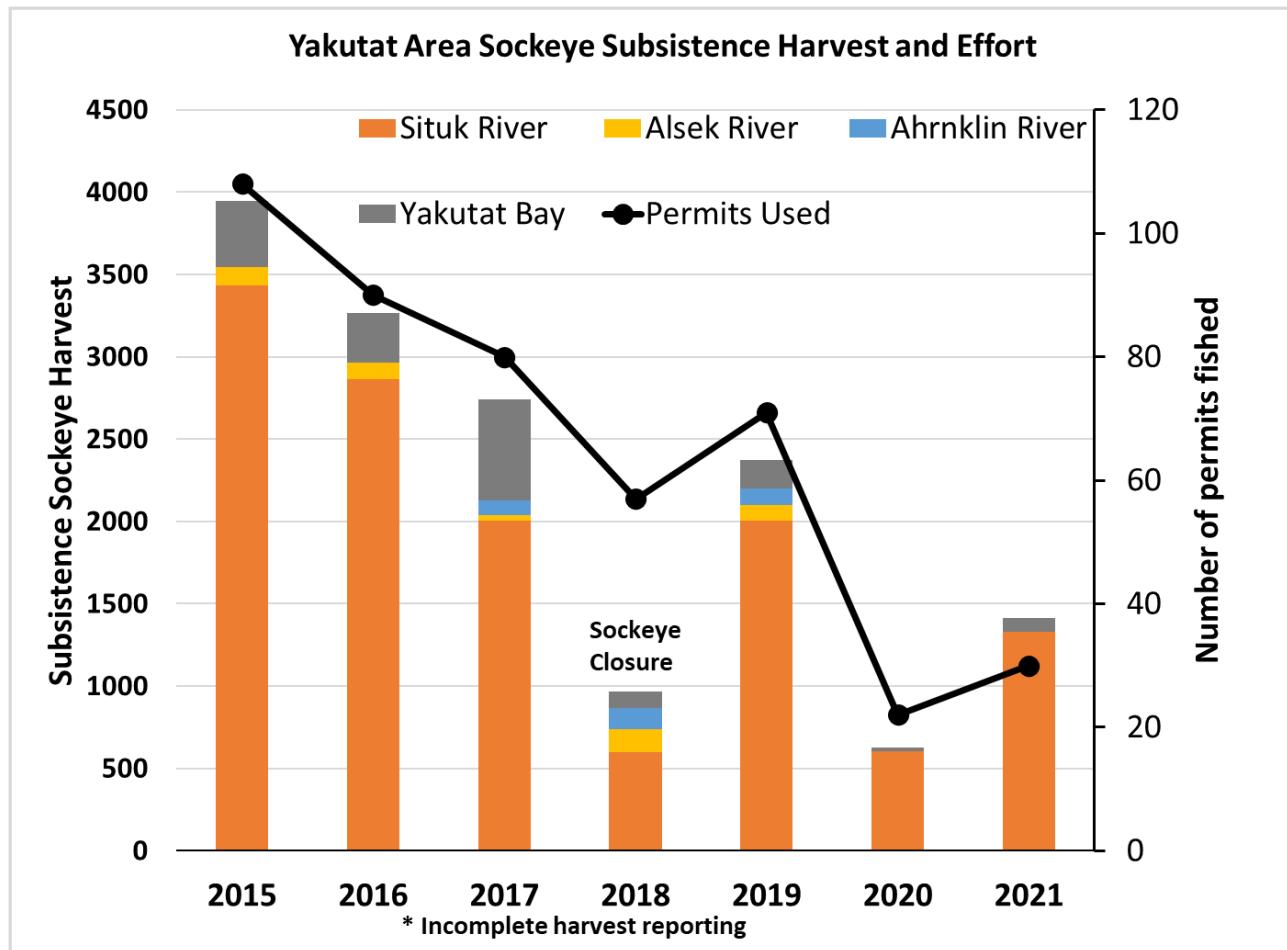


# District 1 Eulachon Monitoring - 2021

- Phone surveys with local landowners began March 1
  - March 16 – “The Eulachon have finally arrived”
  - March 22 “Still Present”
  - March 29 – “Very few fish present”
  - Overall run was classified as a 3/10
- On-site monitoring at Unuk and Eulachon Rivers - March 25
- Aerial monitoring throughout the area - March 9, March 19
- Seven harvesters participated in the limited fishery on the Unuk River



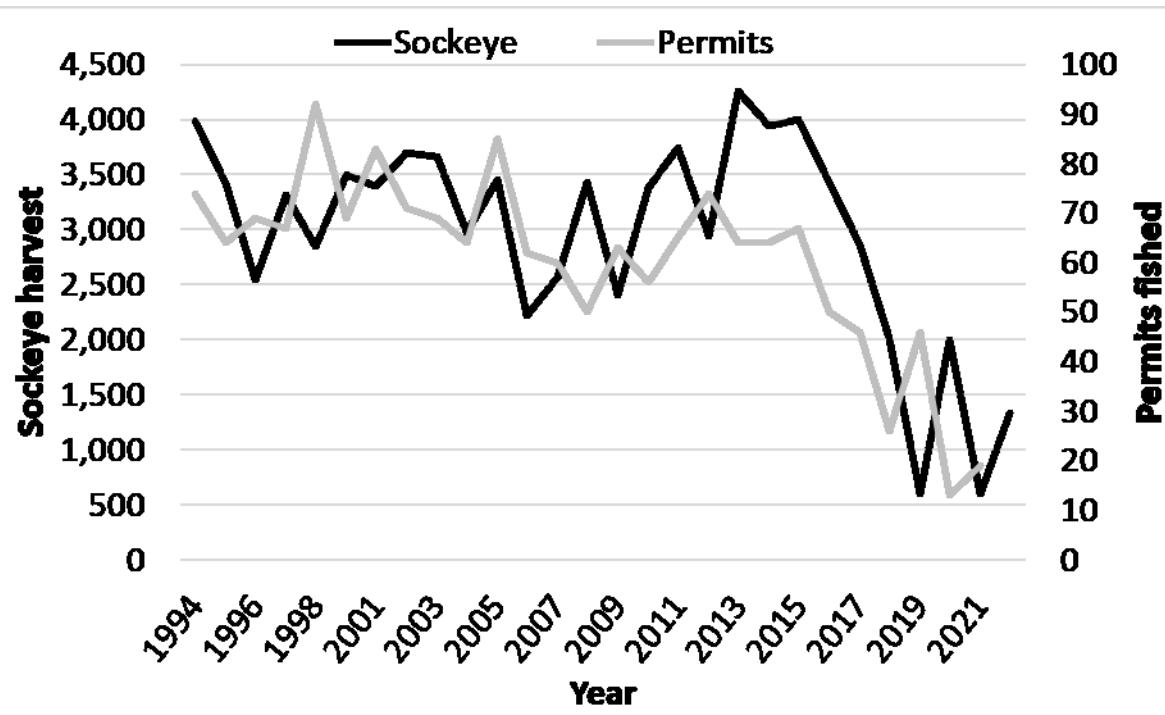
# Yakutat Salmon



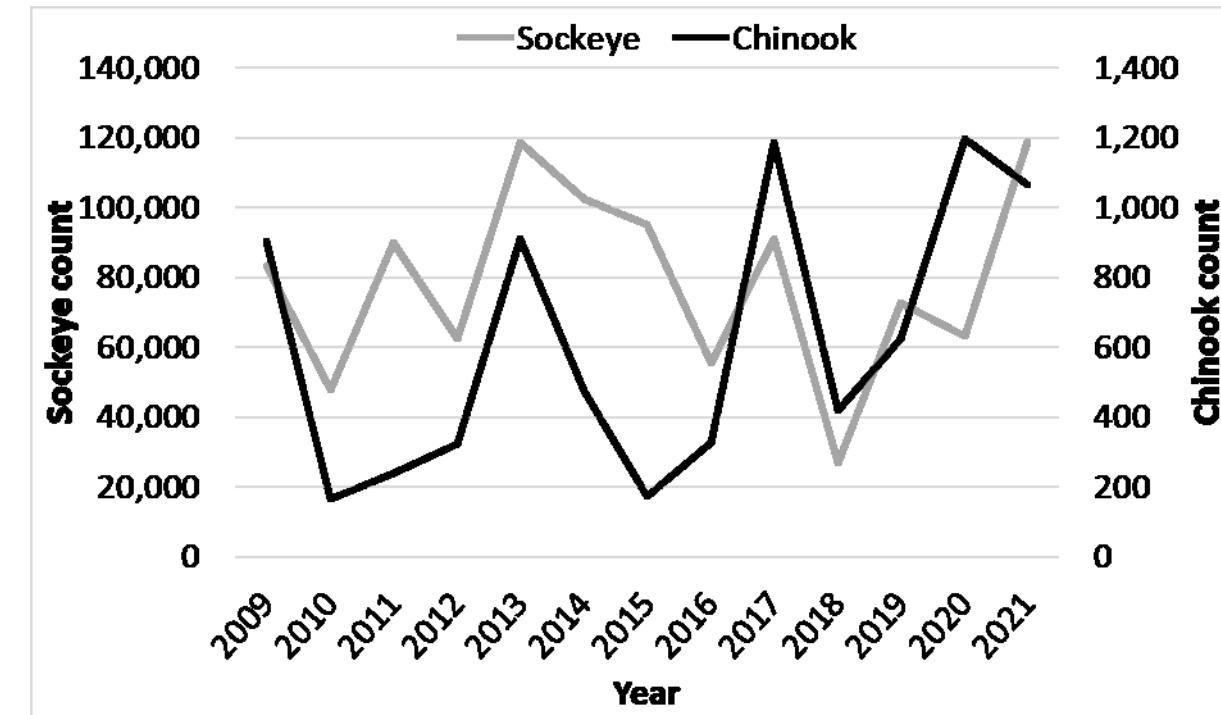
- No active FRMP projects
- Situk River is largest producer, Yakutat Bay also important, esp. for Chinook
- Situk Chinook closures for the past decade due to poor returns, Sockeye closure in 2018
- Sockeye harvest and effort declining in marine waters, possibly due to effects of Chinook closure during overlapping run timing



# Sitku River Salmon

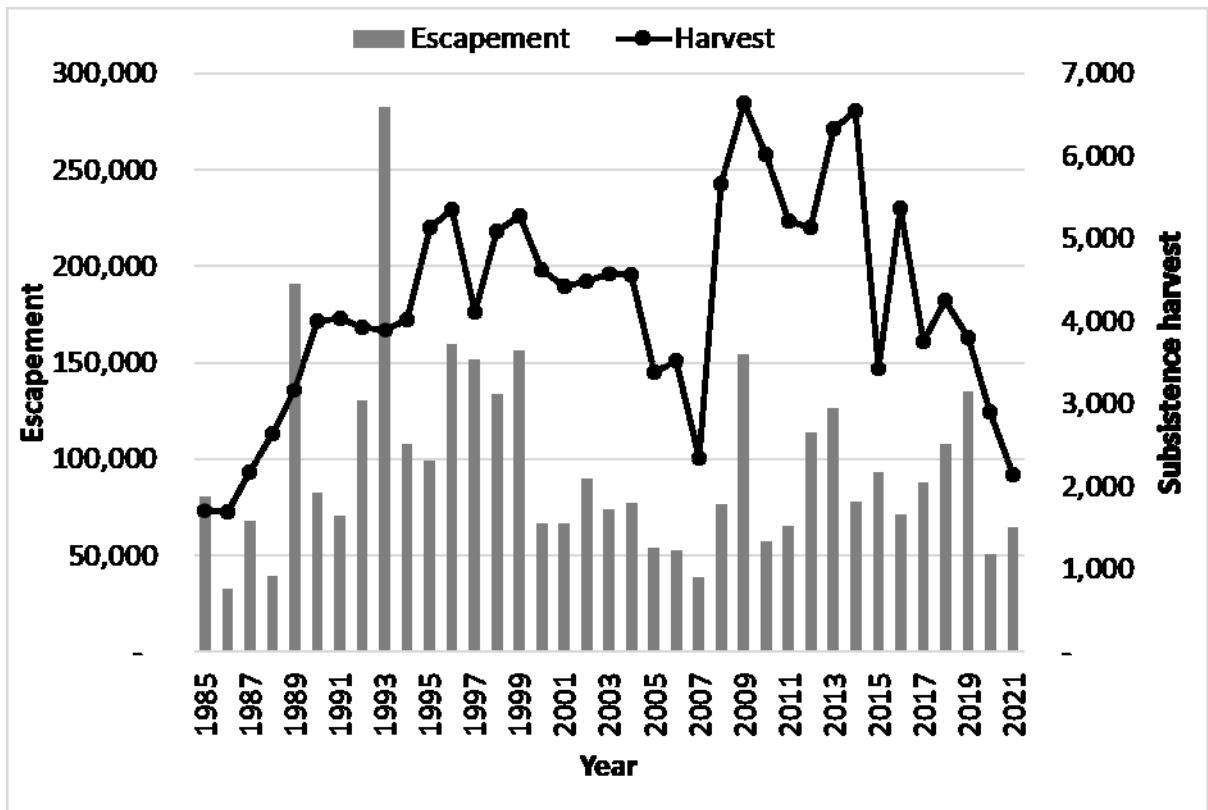


- Situk Sockeye harvest and effort had been relatively stable for 20+ years, before declining over the past few years.

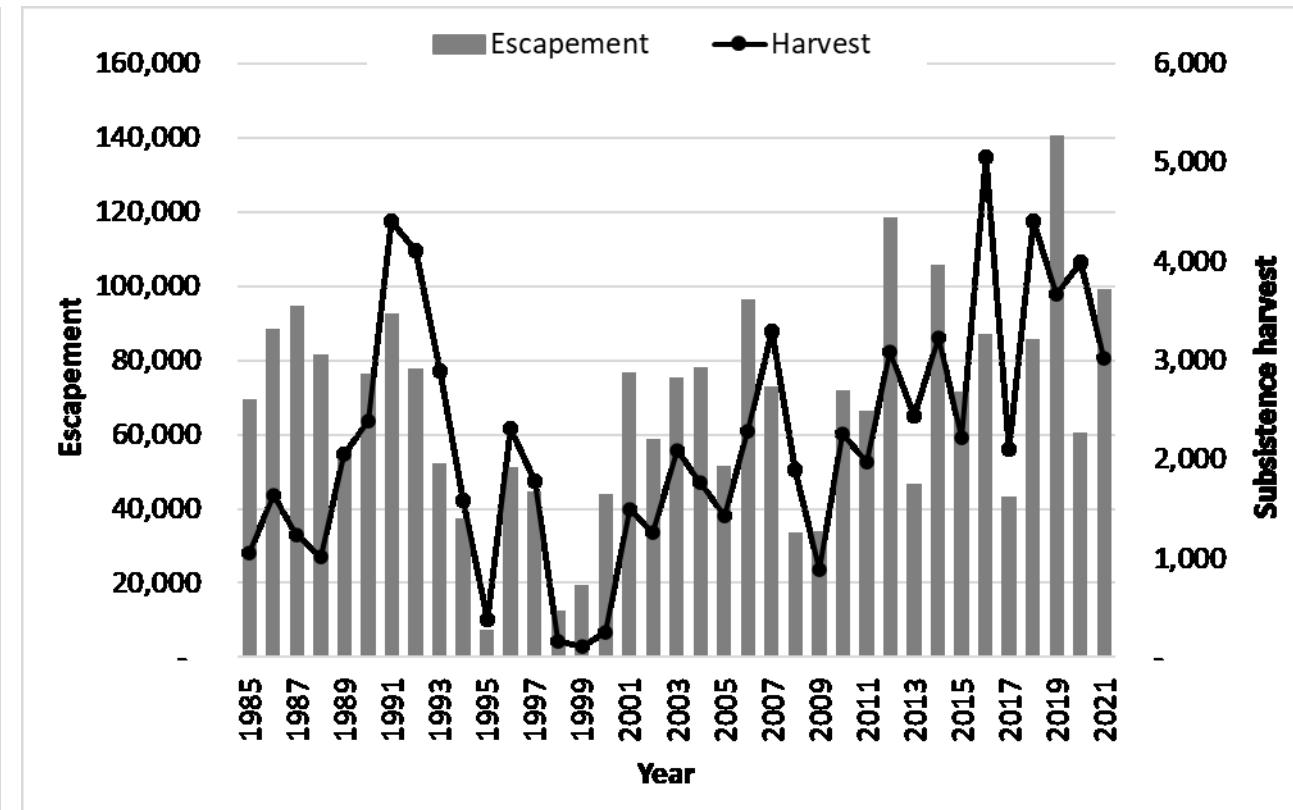


- Sockeye counts have generally met escapement goals, with notable exception of 2018.
- Chinook counts have met minimum

# Haines/Upper Lynn Canal



Chilkoot



Chilkoot

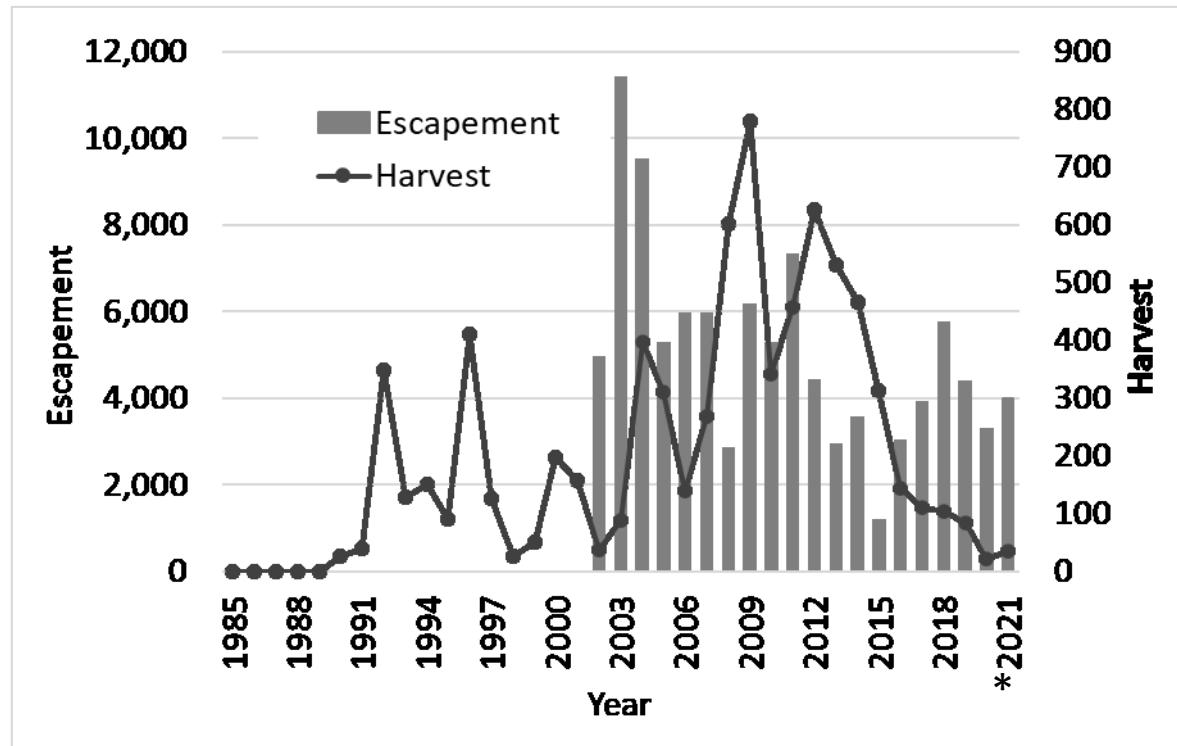


# Hoonah/Icy Straits

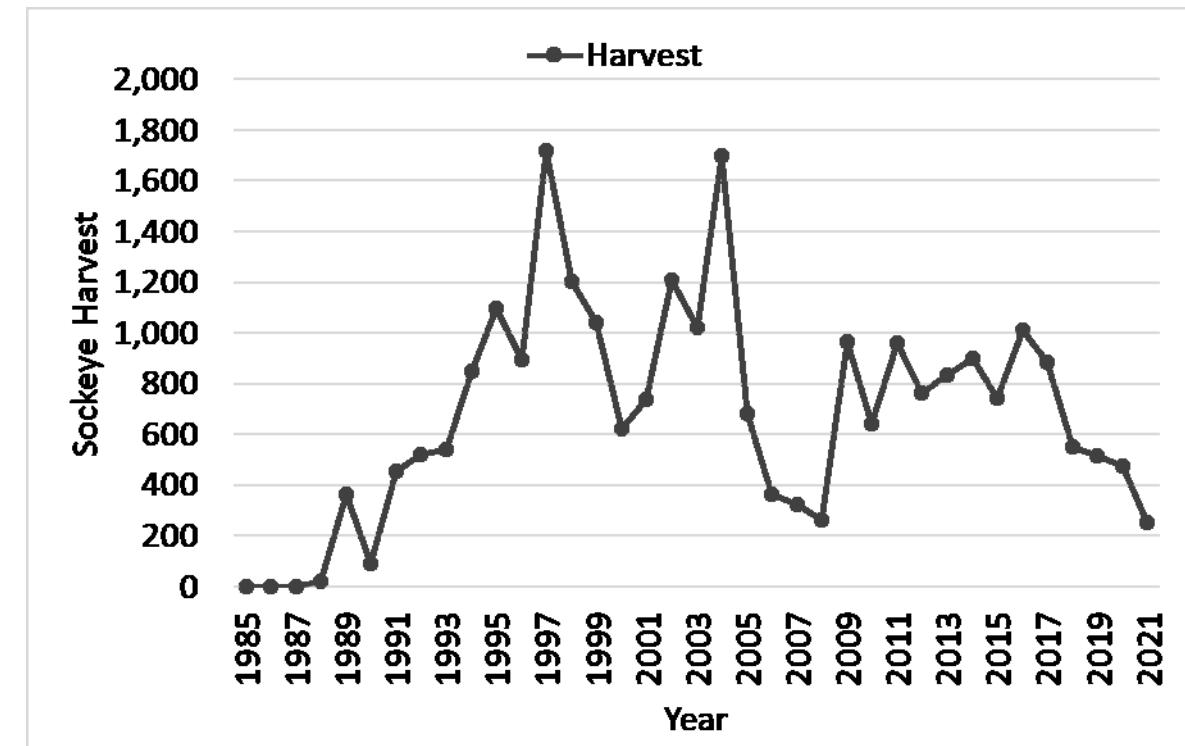


- Active FRMP project at Neva Lake (Excursion Inlet)
  - Improved escapements over past few years (5yr average 4,261)
  - Harvest lower due to reduced limits (approx. 61/year, down from 450)
  - Recent Sockeye closure to non-rural users
- Hoktaheen harvest relatively stable

# Hoonah Area Systems



Neva



Hoktaheen

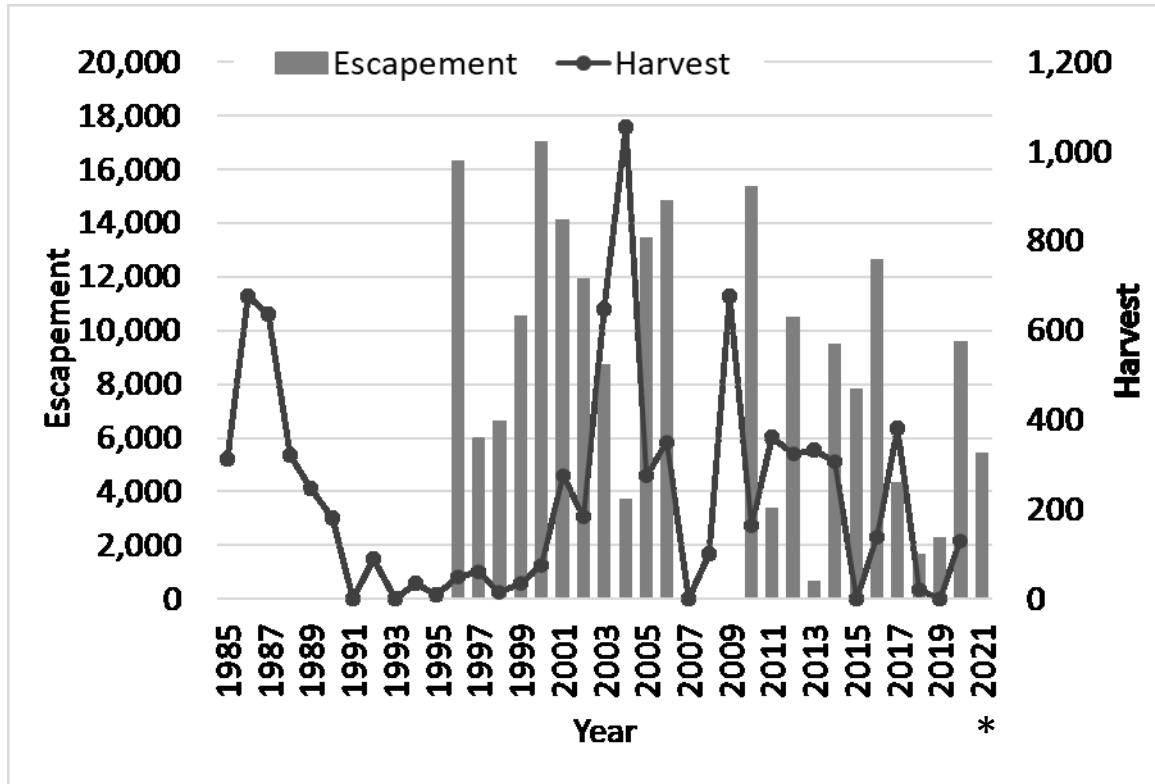


# Angoon

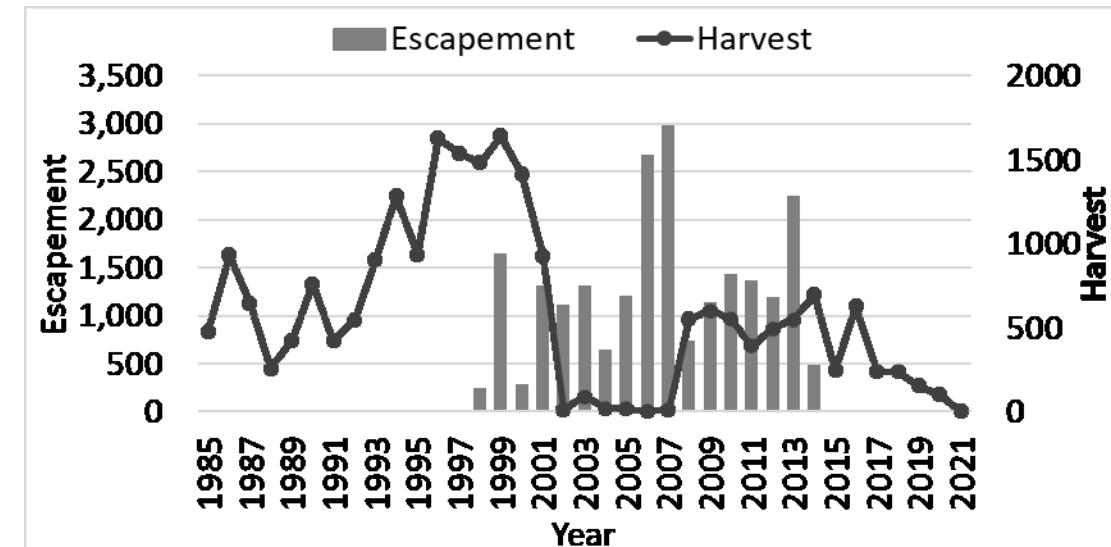


- Active FRMP project at Sitkoh Lake
  - Escapement rebounding after very low escapements 2017-2019 (approx. 2,000 compared to 8-12,000)
  - Discontinued projects at Kook Lake and Kanalku Lake (ended 2017)
- Increased effort and catch at Lake Eva/Hanus Bay

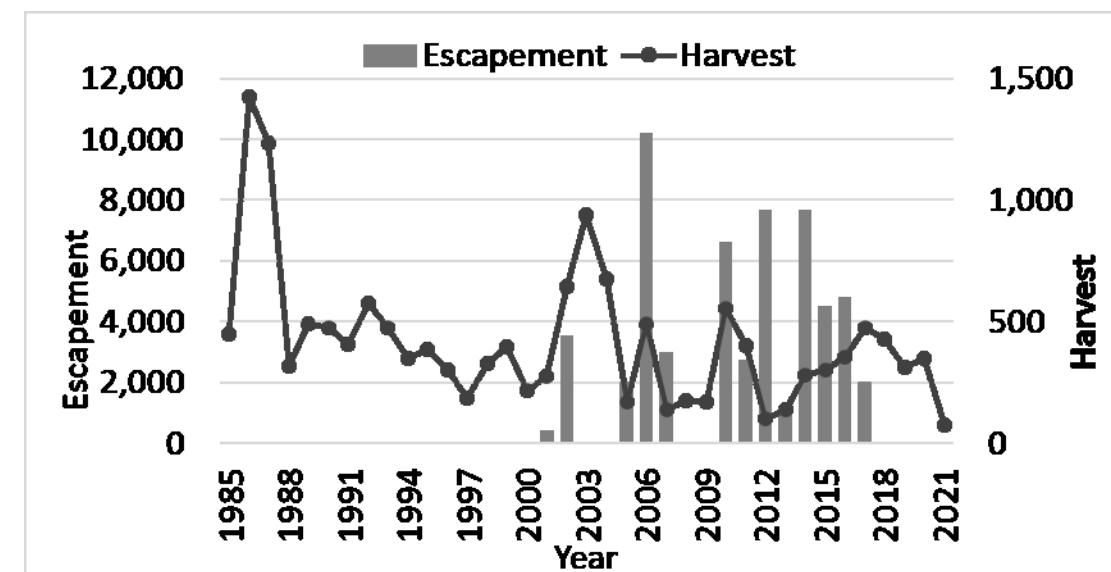
# Angoon Area Systems



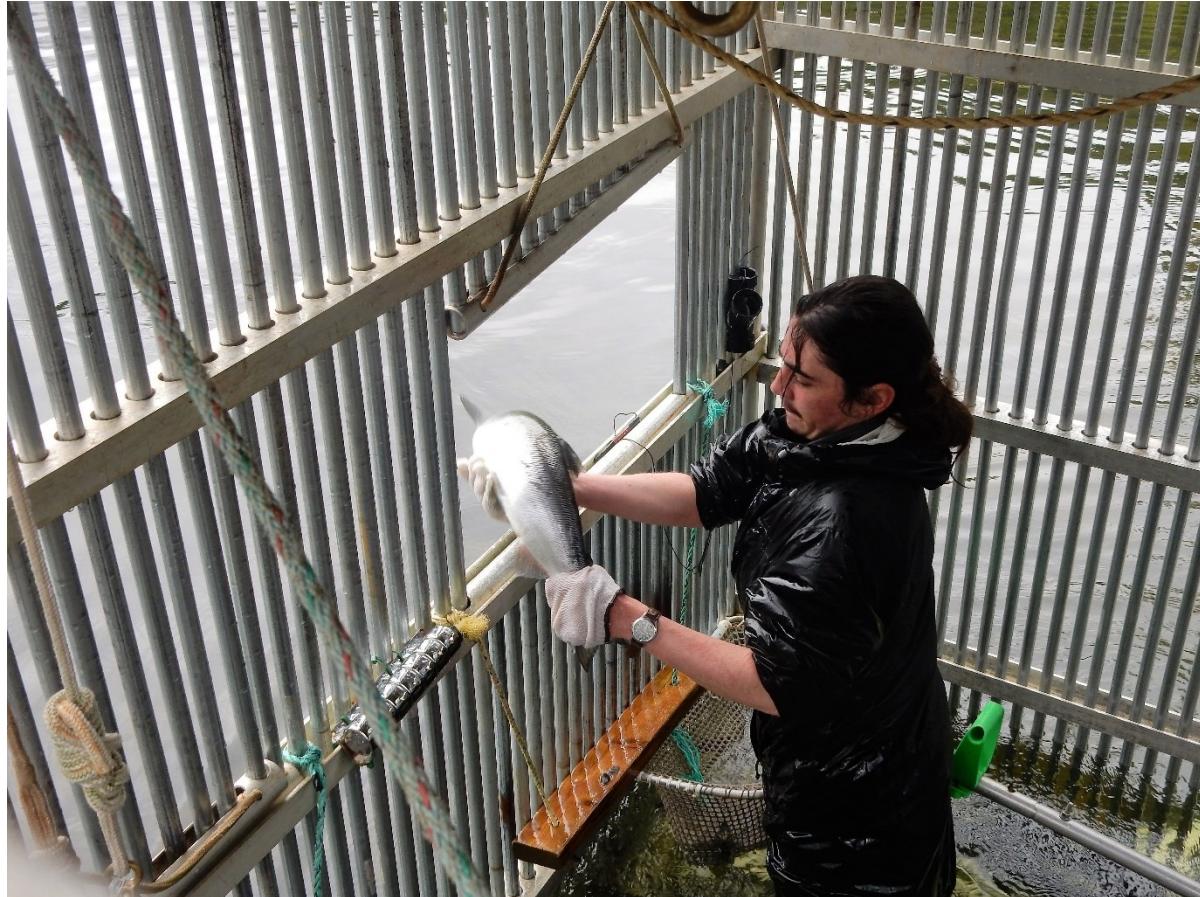
Sitkoh



Kanalku



# Sitka



➤ Active FRMP project at Klag Bay

- Poor escapement = effort shifted to other systems
- Low water flows delay run

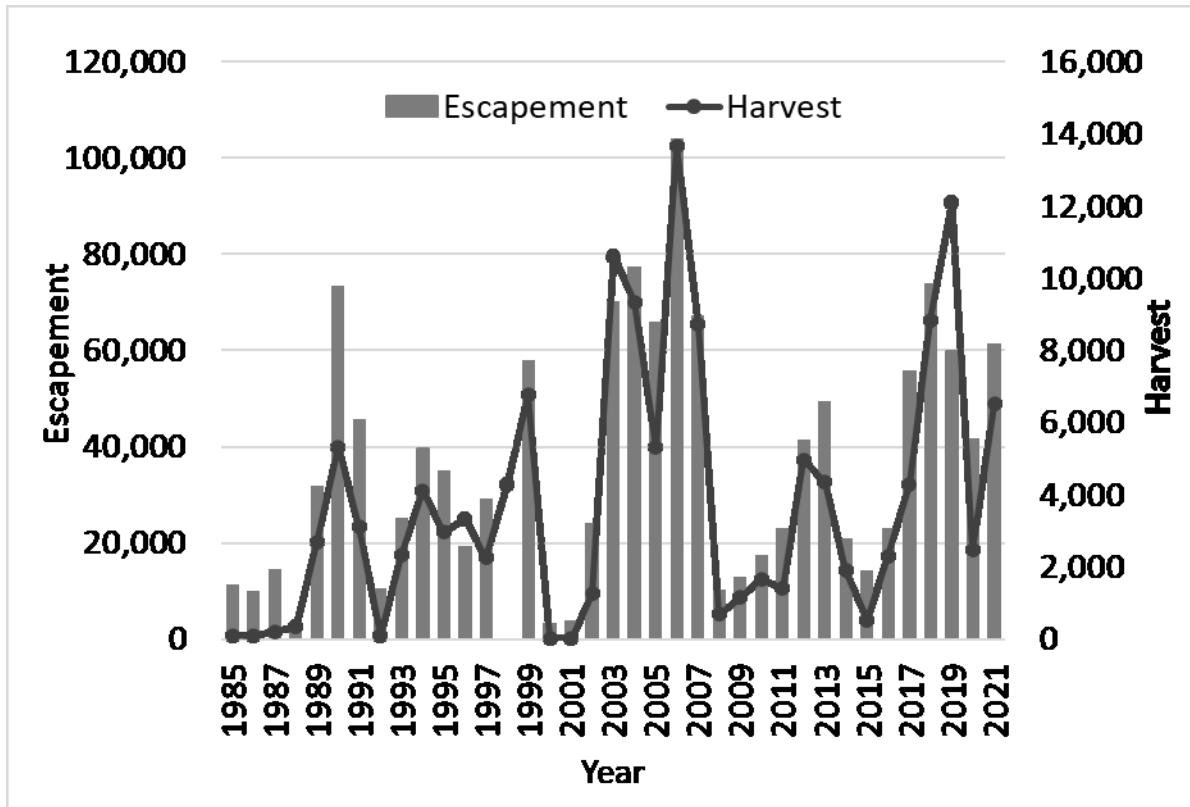
➤ Redoubt Lake monitoring

- Strong recent returns, increased harvest and effort

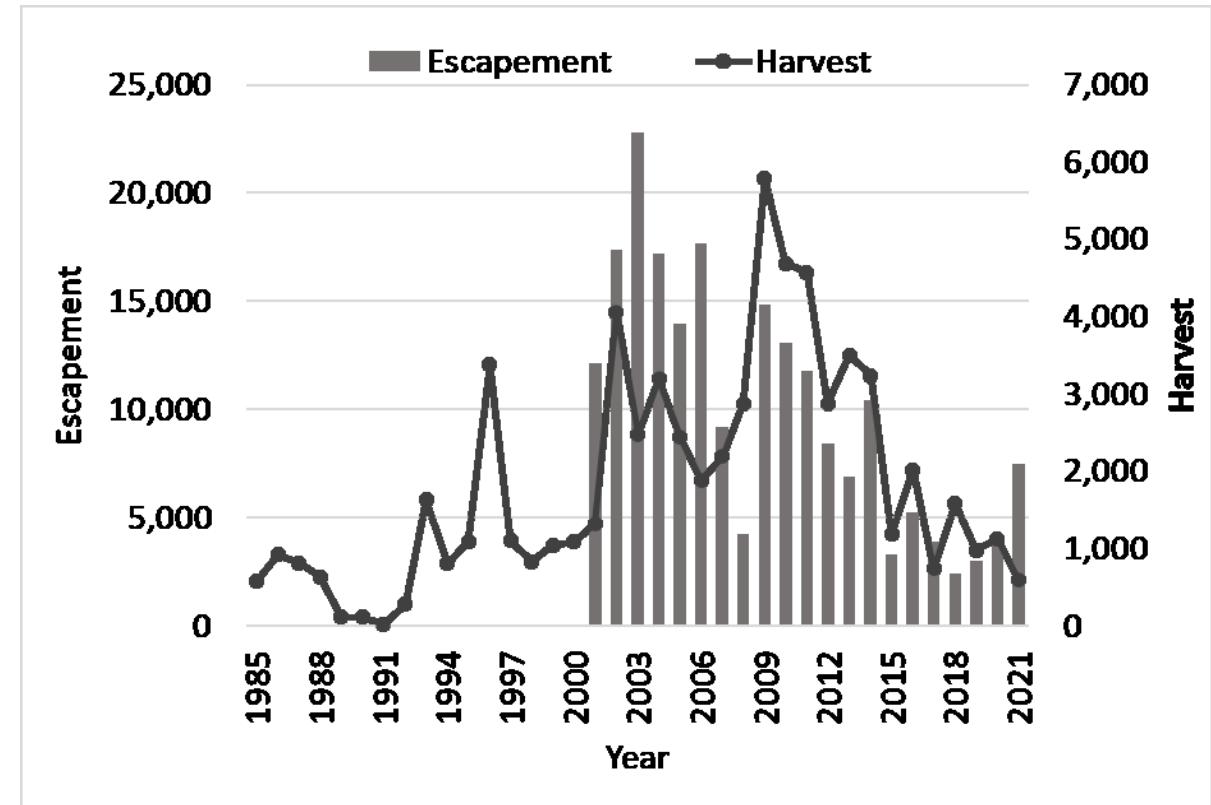
➤ Other systems used

- Redfish Bay and Necker Bay

# Sitka Area Systems



Redoubt



Klag

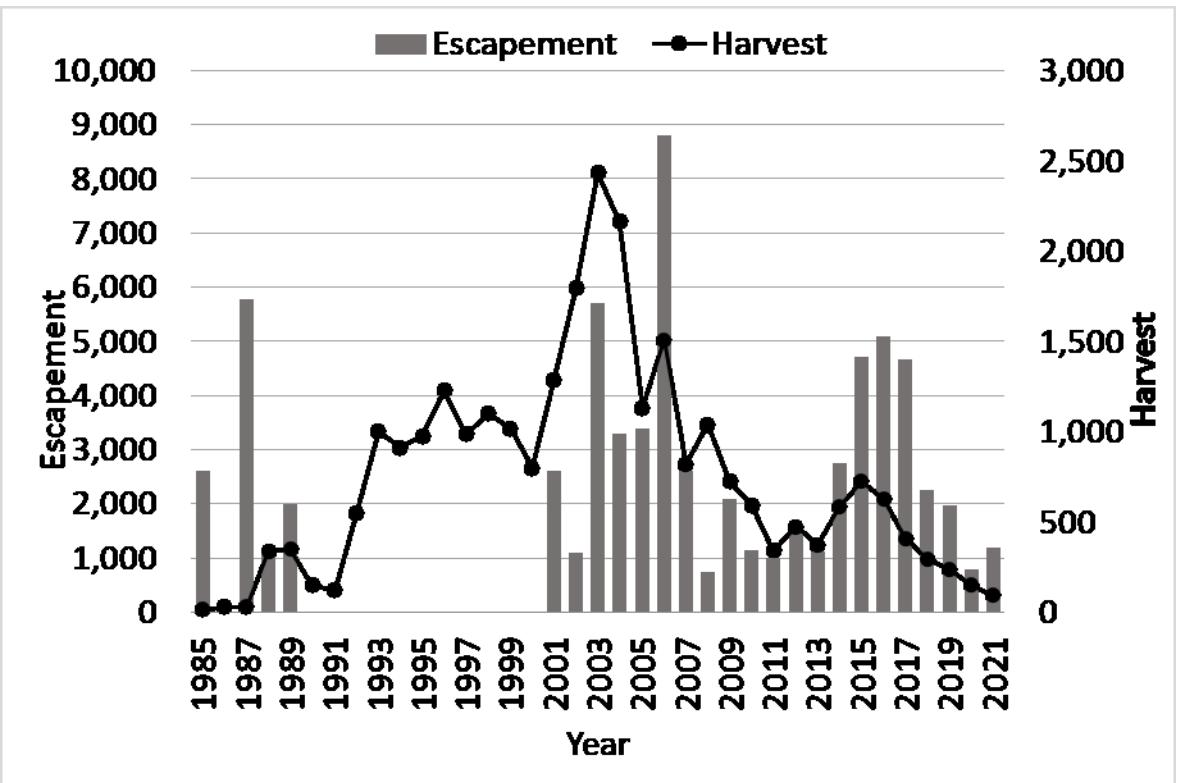


# Kake

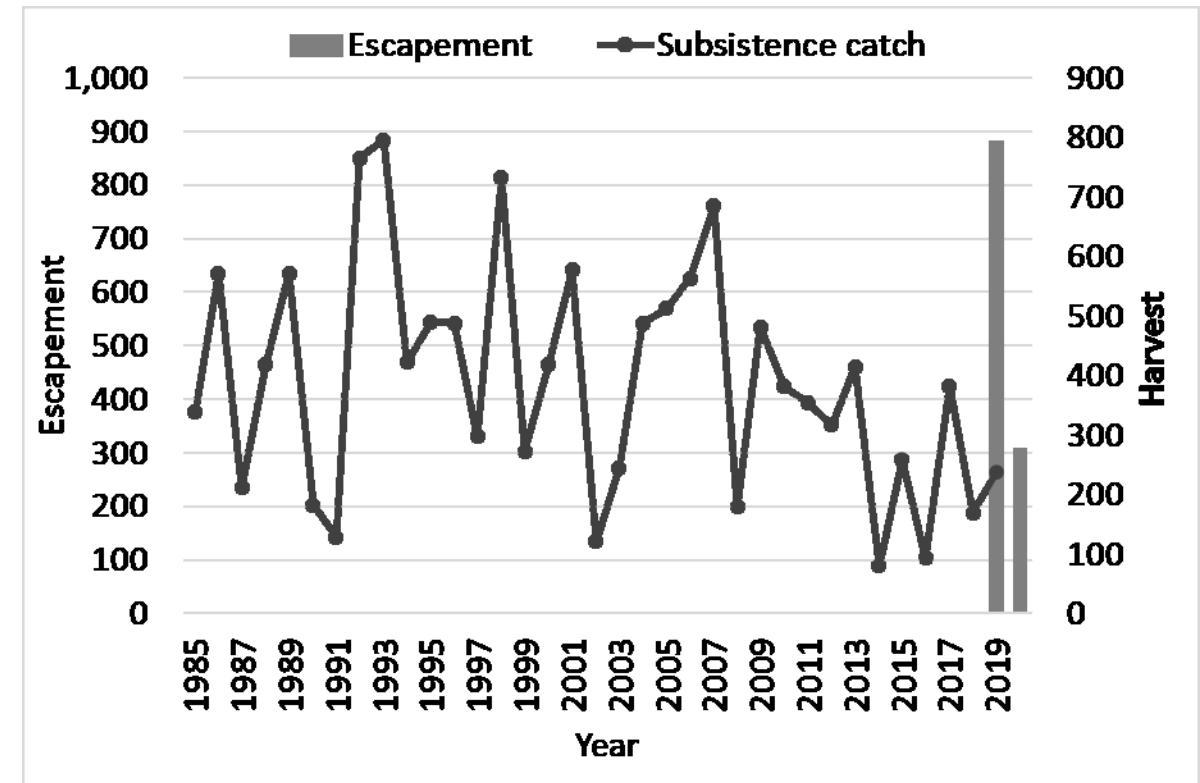


- Falls Lake and Gut Bay – active
  - Strong returns at Falls Lake from 2015-2017 with low returns recently
  - Low water inhibited escapement in 2019, especially at Falls Lake
- Other systems
  - Kutlaku/Pillar Bay
  - Alecks Creek/Tebenkof Bay

# Kake Area Systems



Falls Lake



Gut Bay



# Petersburg/Wrangell



## ➤ Stikine River

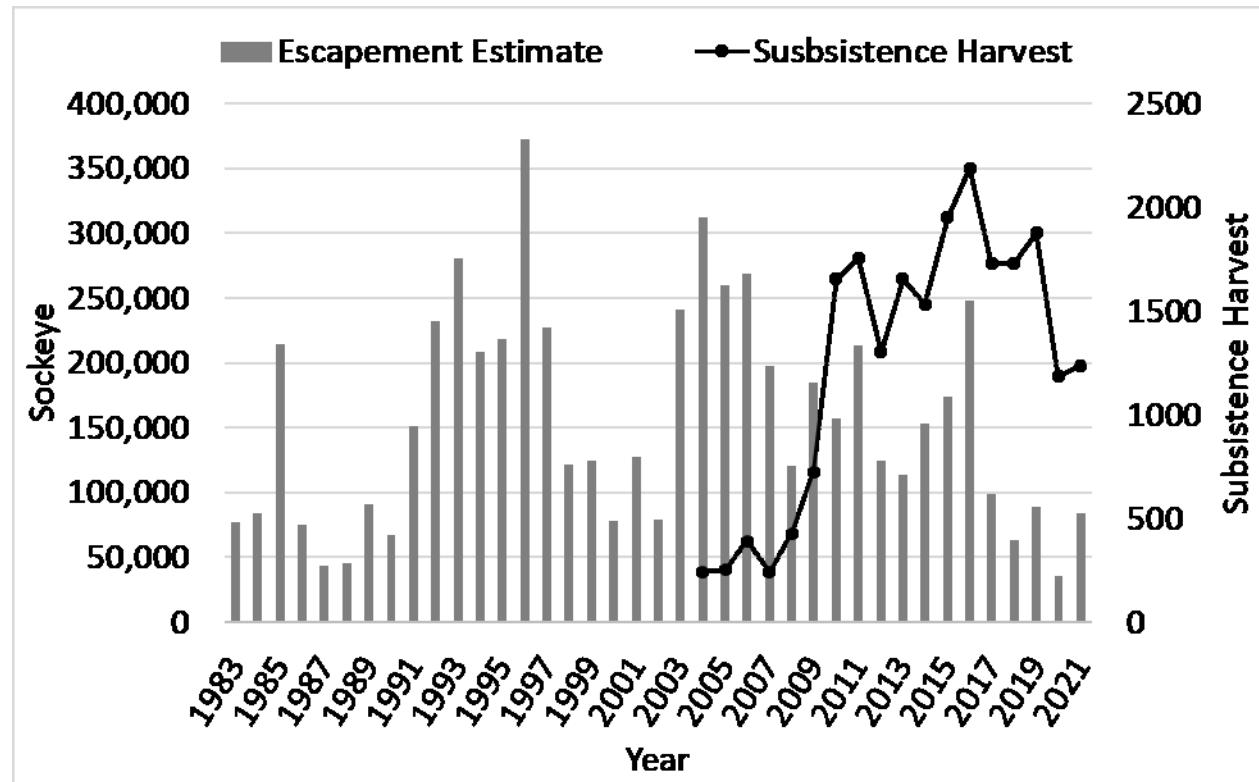
- Primary subsistence salmon system for PSG and WRG
- Subsistence Chinook fishery remains closed
- Low Sockeye returns since 2018
- High water made fishing very difficult in 2020 and 2021

## ➤ Other Systems

- Kah Sheets River- Small harvest
- Mill Creek/Thoms Creek



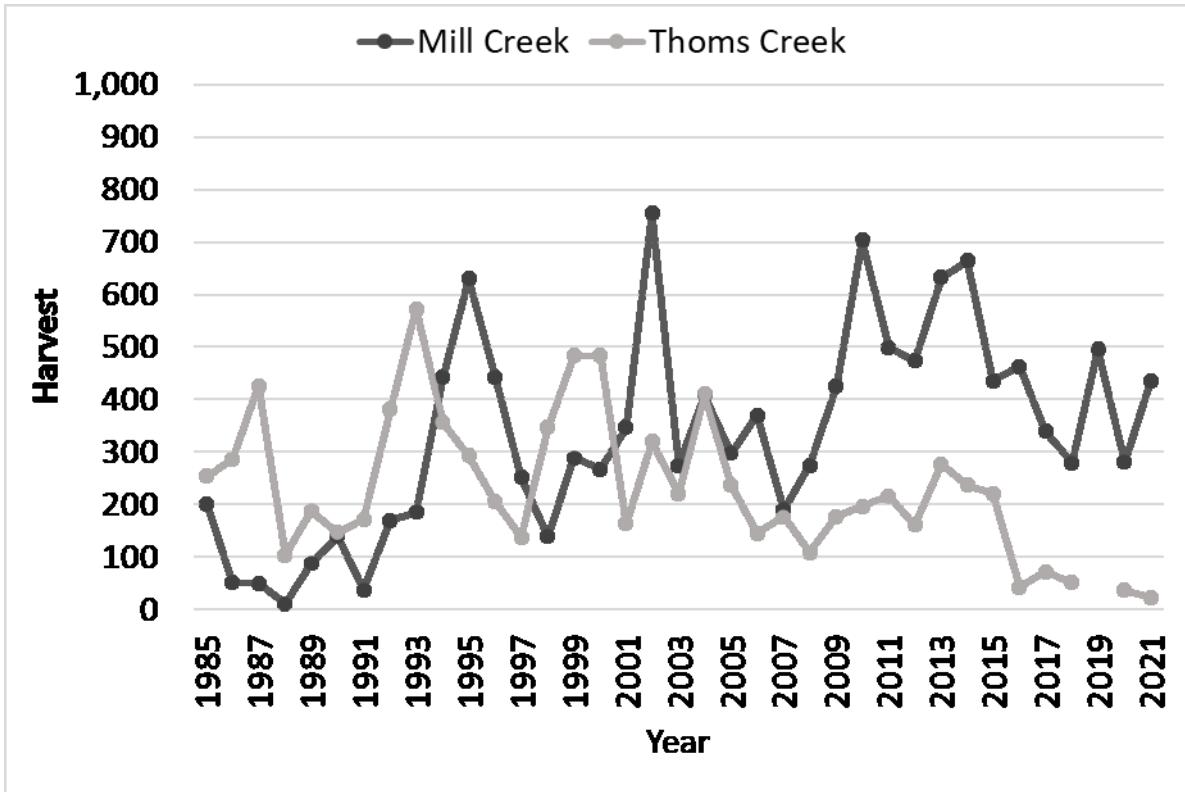
# Petersburg/Wrangell Area Systems



Stikine



# Petersburg/Wrangell- Smaller Systems



Mill Creek



Kah Sheets



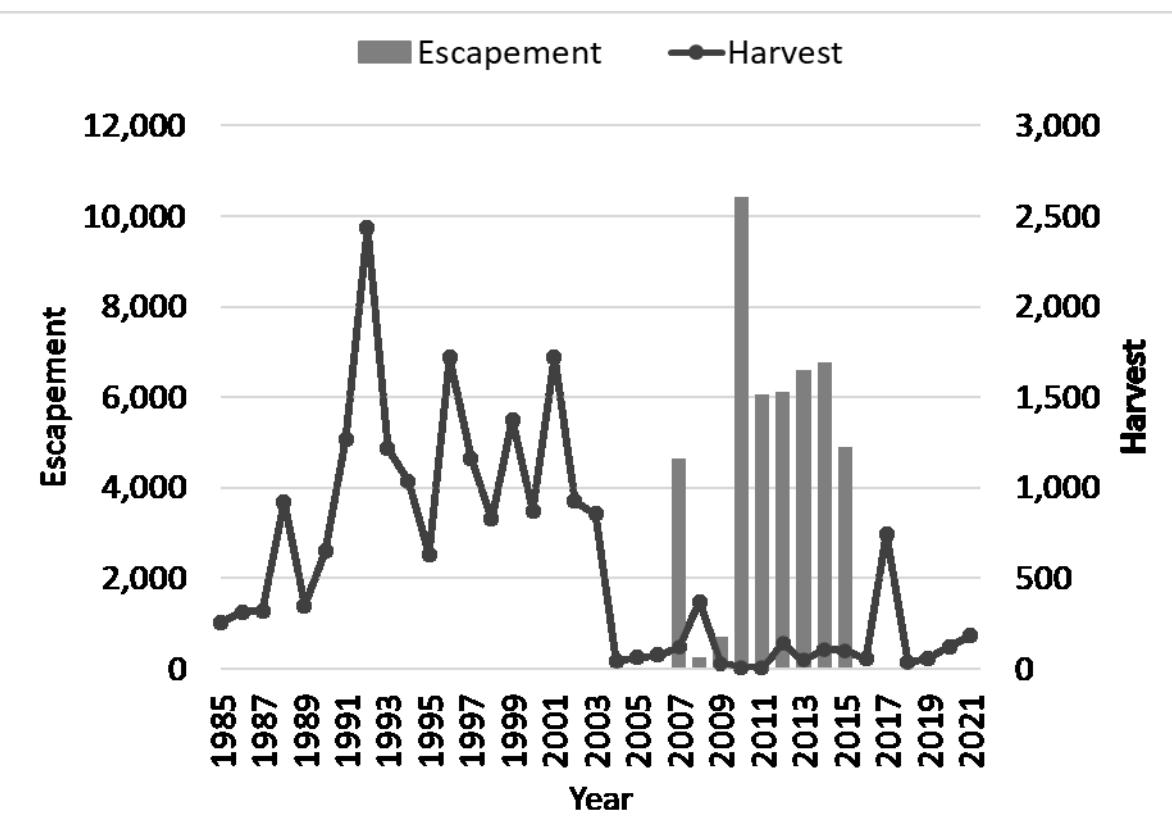
# Prince of Wales Island



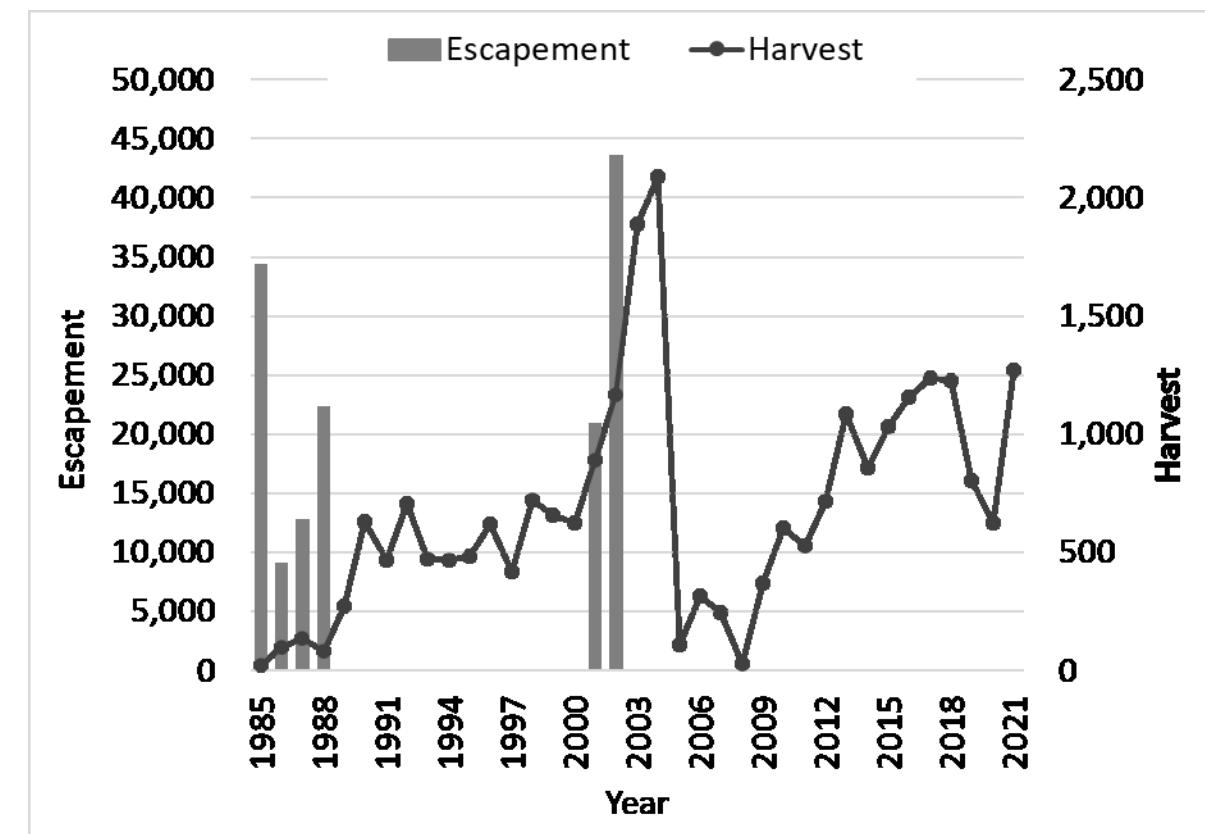
- Two active FRMP projects
  - Hetta and Eek
- Klawock River weir
- Past projects
  - Karta River and Hatchery Creek
- Sockeye harvest is down everywhere except Salmon Bay



# Prince of Wales Island - North



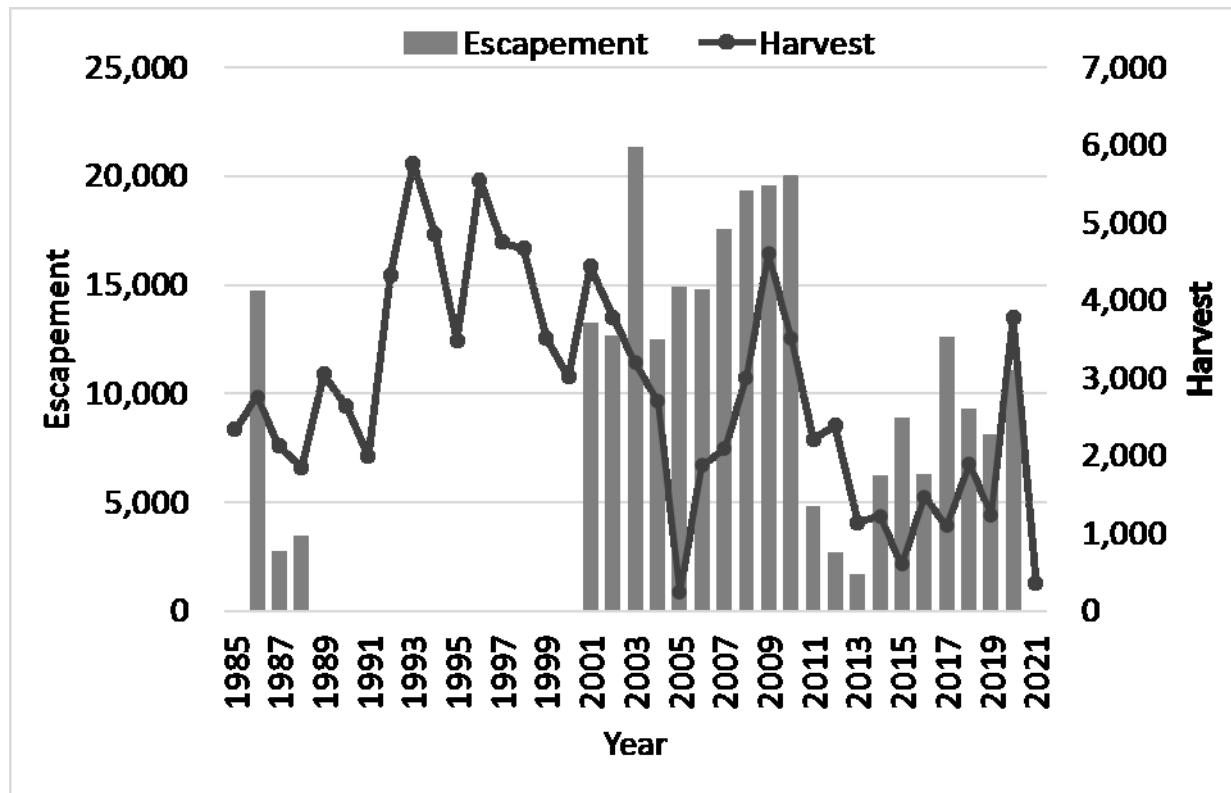
Hatchery Creek



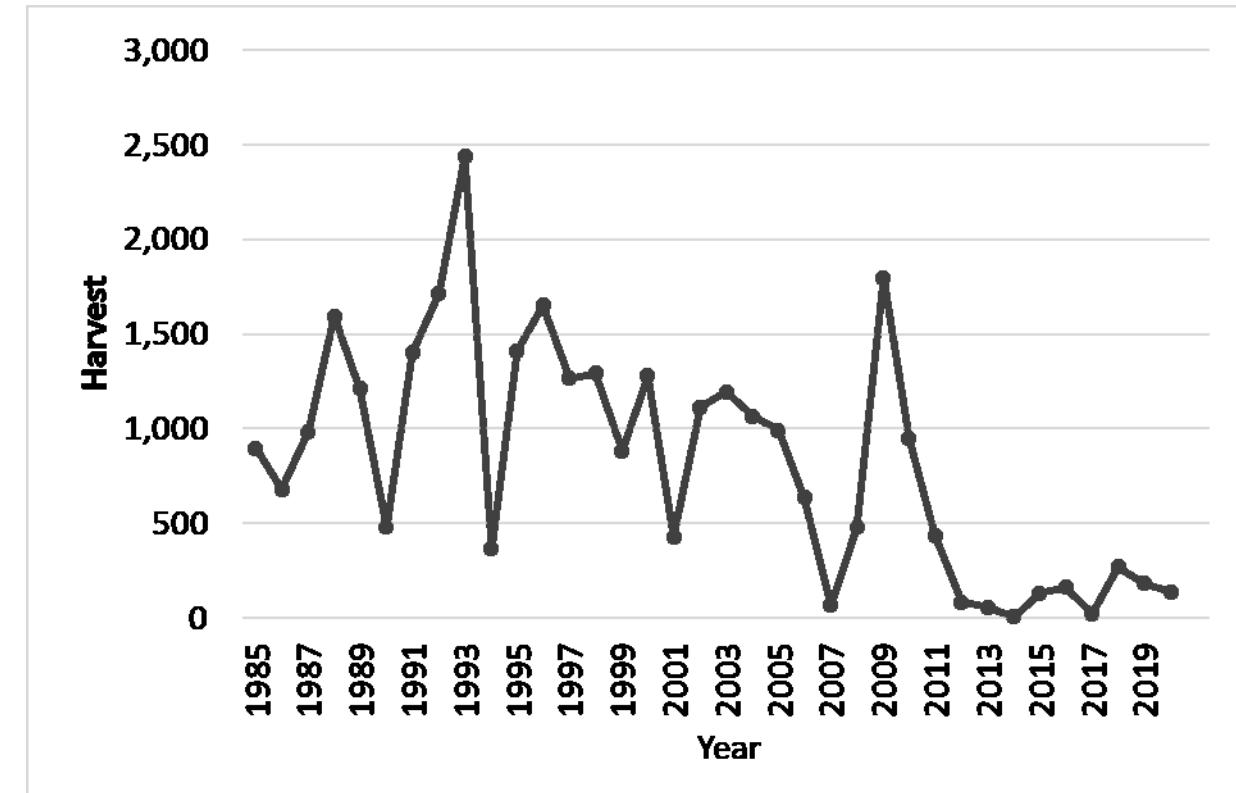
Salmon Bay



# Prince of Wales Island - West



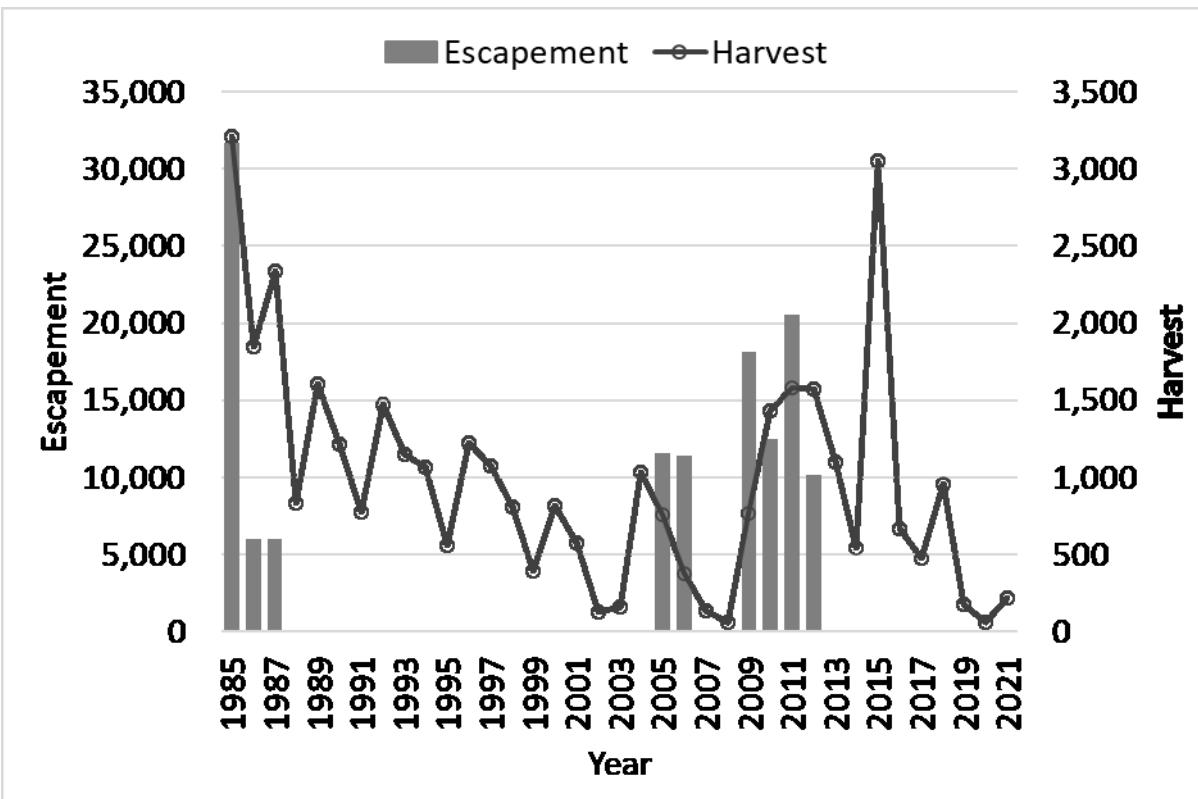
Klawock



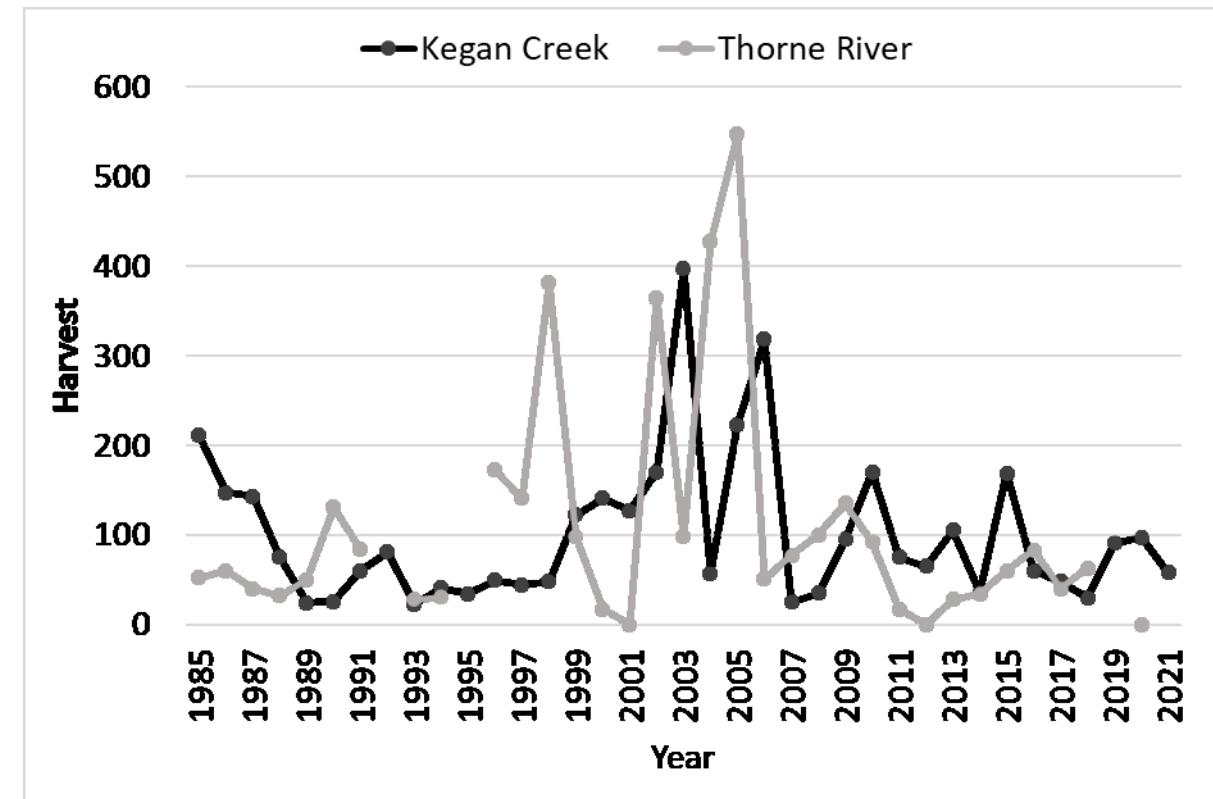
Carcass



# Prince of Wales Island - East



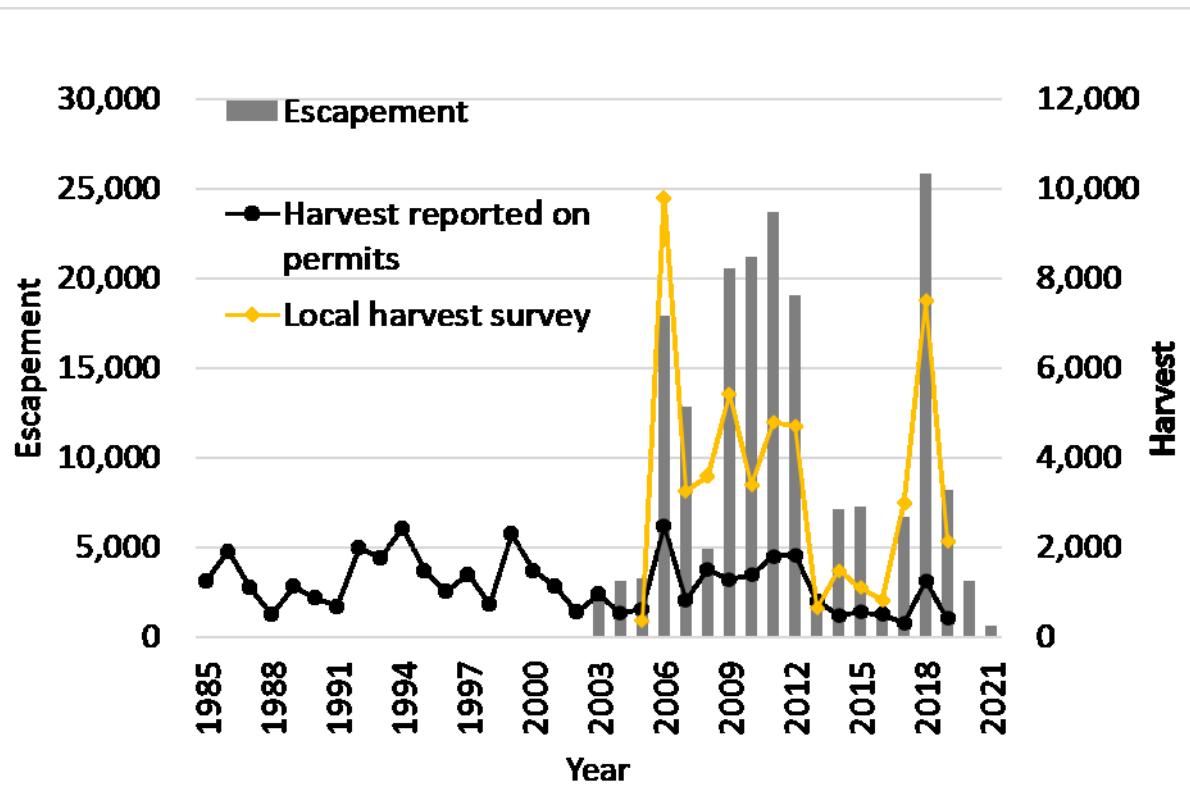
Karta



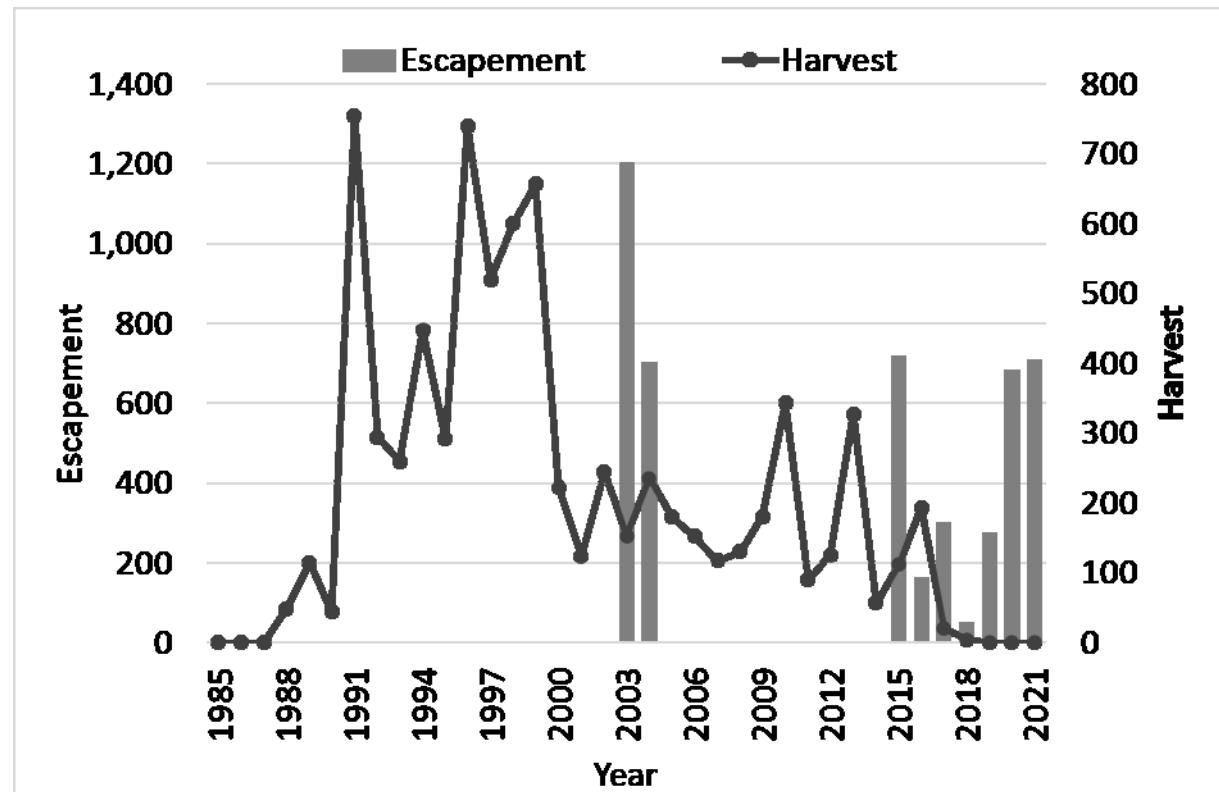
Kegan/Thorne



# Prince of Wales Island - South



Hetta



Eek



# Recent Management Actions

- Situk River – ADFG weir
  - Chinook closure
- Stikine River – ADFG escapement forecasts
  - Chinook closure
  - 2019 in-season Sockeye closure
- District 1 Eulachon – On-site and aerial - USFS
  - Limited opening



# Active FRMP Sockeye Monitoring →2021

- Neva - Escapement
- Sitkoh - Escapement
- Klag - Escapement and harvest
- Falls - Escapement and harvest
- Hetta - Escapement and harvest
- Eek - Escapement and harvest



# Summary

- Many important subsistence sockeye locations
- Escapement and harvest are variable
- Some effort shifting to more productive locations

