

# **Southeast Alaska/Yakutat Commercial Salmon Troll Fishery**

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# Overview

- Abundance-based management
- Annual Chinook salmon harvest limits
- Southeast Alaska troll fisheries:
  - Winter
  - Spring
  - Summer

# Chinook Salmon Abundance Index

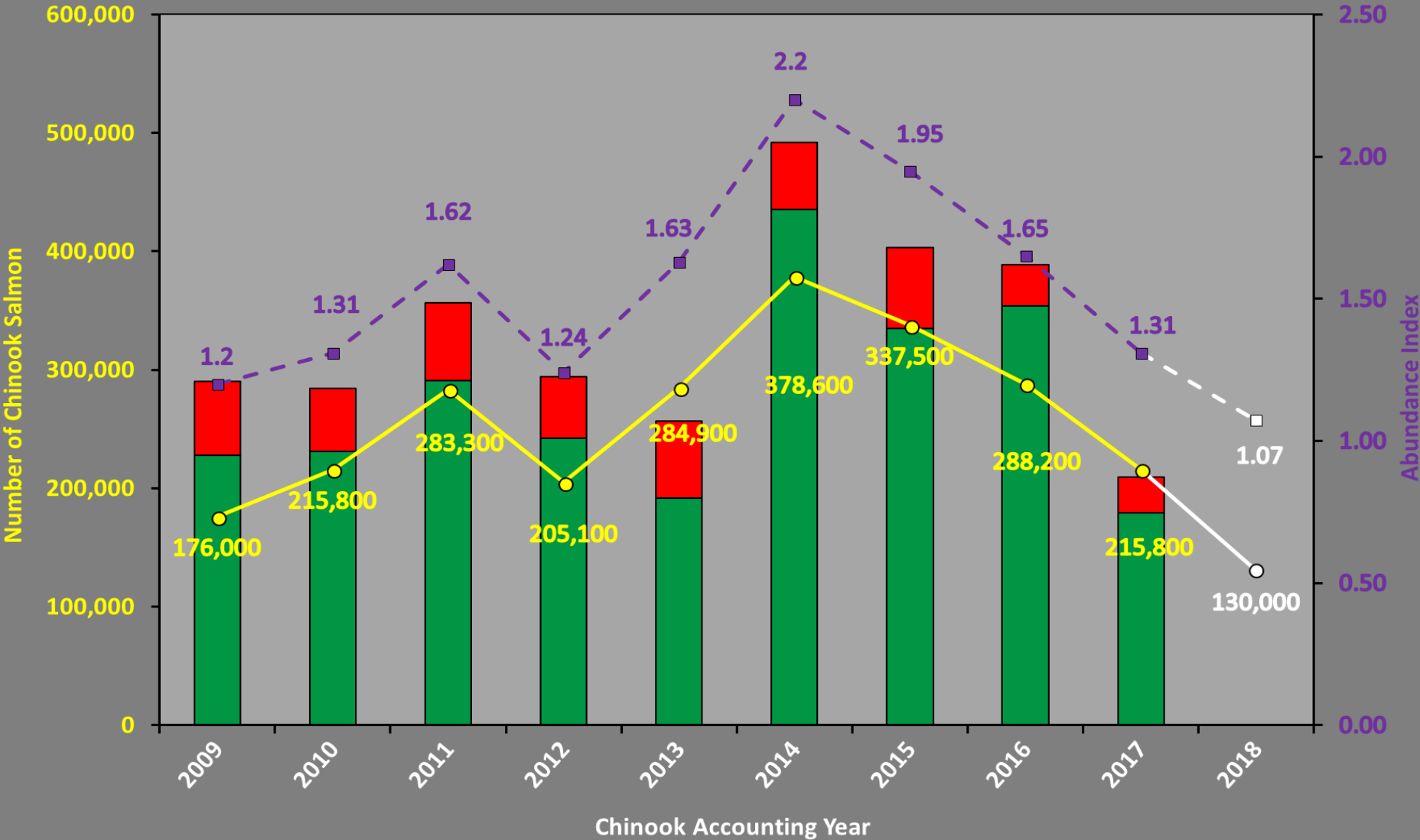
- Abundance-based management
- Chinook Technical Committee of the Pacific Salmon Commission determines the annual preseason abundance index (AI)
- AI equates to annual all-gear treaty harvest limit for Southeast Alaska/Yakutat (SEAK)
- Treaty harvest limit is allocated among gear groups with accounting year October-September

# Chinook Salmon Allocation

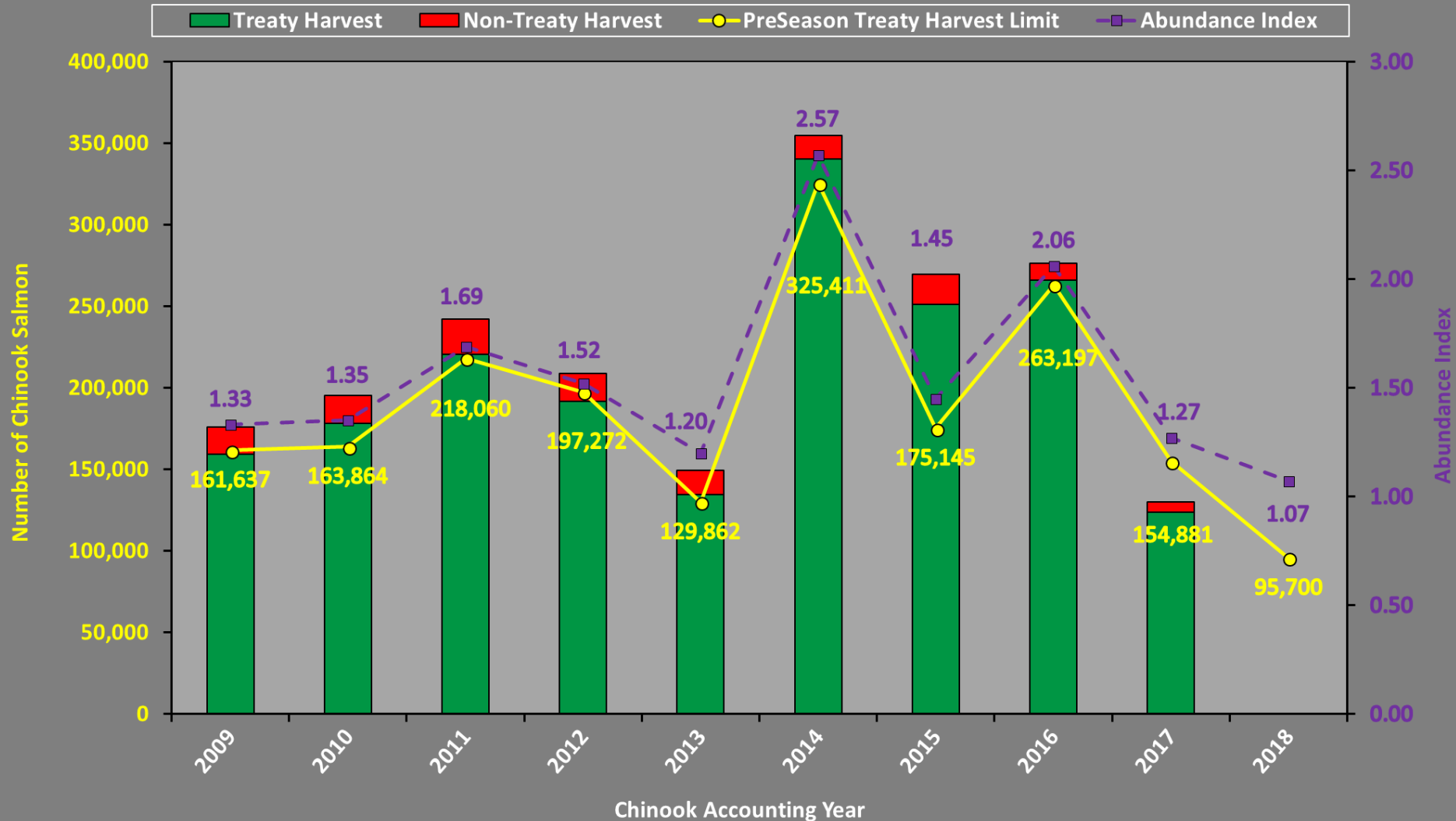
- Purse Seine = 4.3% of all-gear treaty harvest limit
- Drift Gillnet = 2.9% of all-gear treaty harvest limit
- Set Gillnet = 1,000 fish (historical average)
- Net gear total subtracted from all-gear harvest limit
- Remainder split between troll and sport fisheries:
  - 80% to troll
  - 20% to sport

# All-Gear Chinook Salmon Treaty Harvest Limits

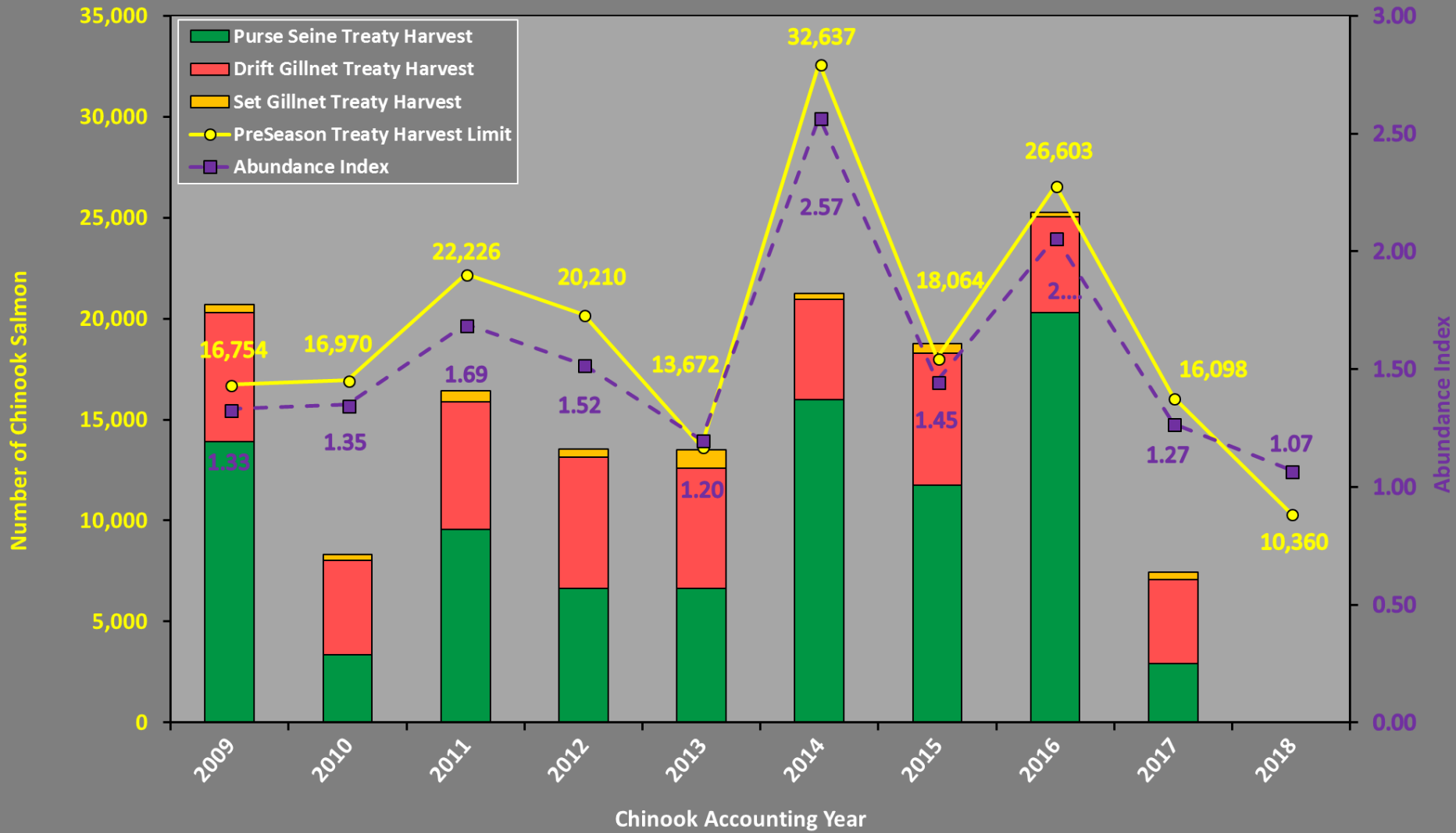
Treaty Harvest    Non-Treaty Harvest    PostSeason Treaty Harvest Limit    Abundance Index



# Commercial Troll Chinook Salmon Treaty Harvest Limits

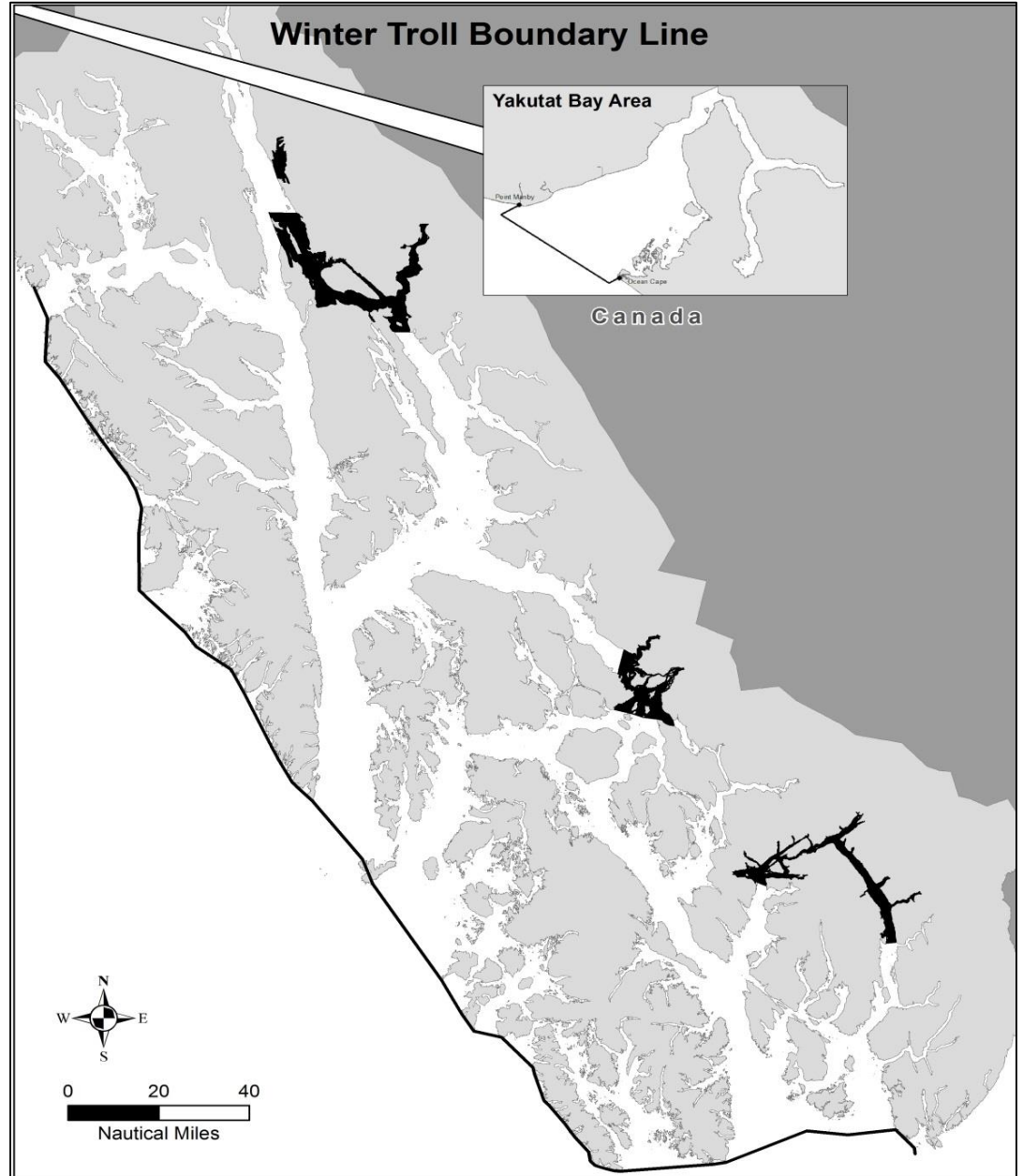


# Commercial Net Gear Chinook Salmon Treaty Harvest Limits



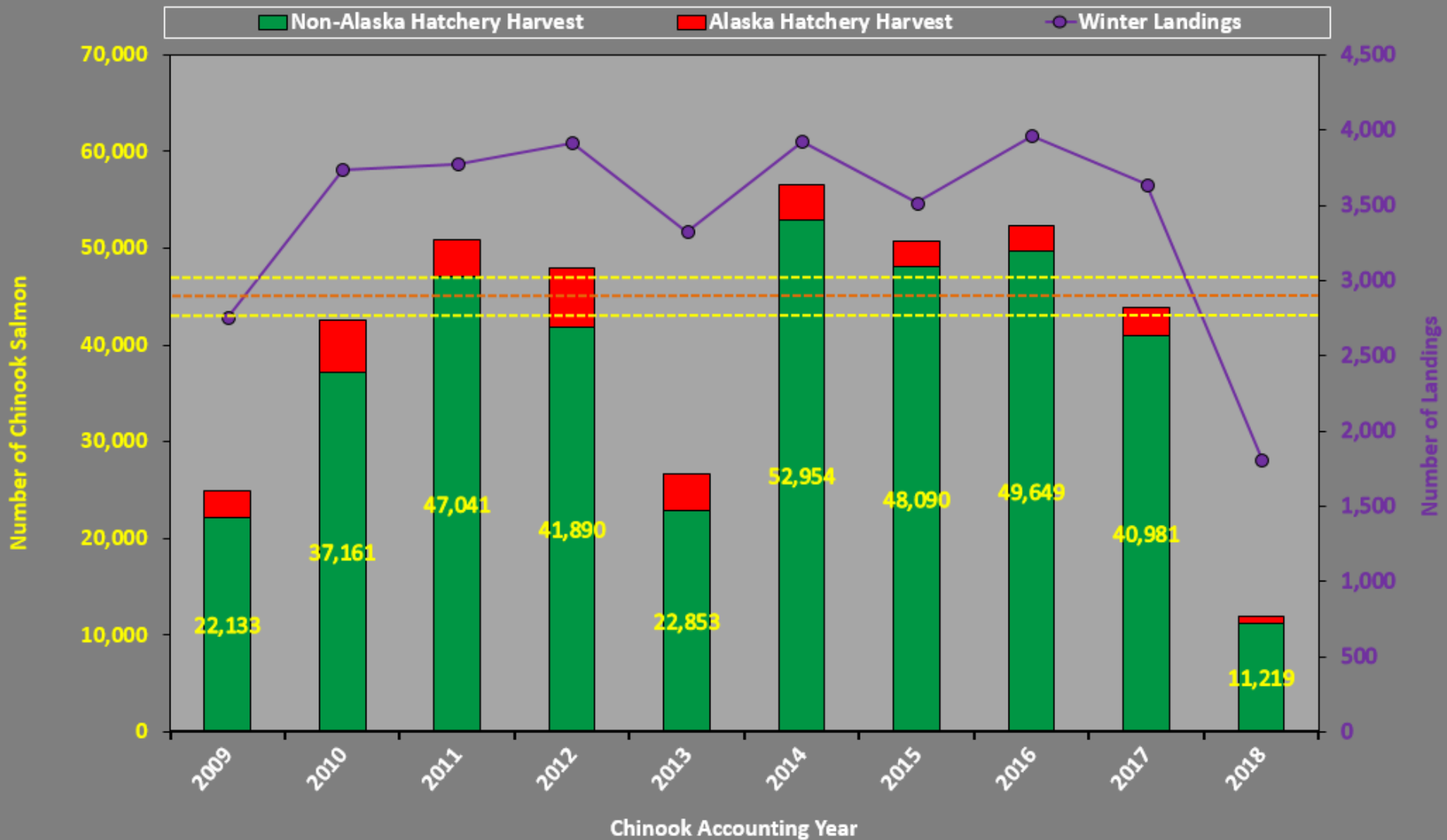
# Winter Chinook Salmon Fishery

- Beginning 2018, Open October 11-March 15
- Target Chinook salmon, restricted to inside winter boundary line, or “surflines”





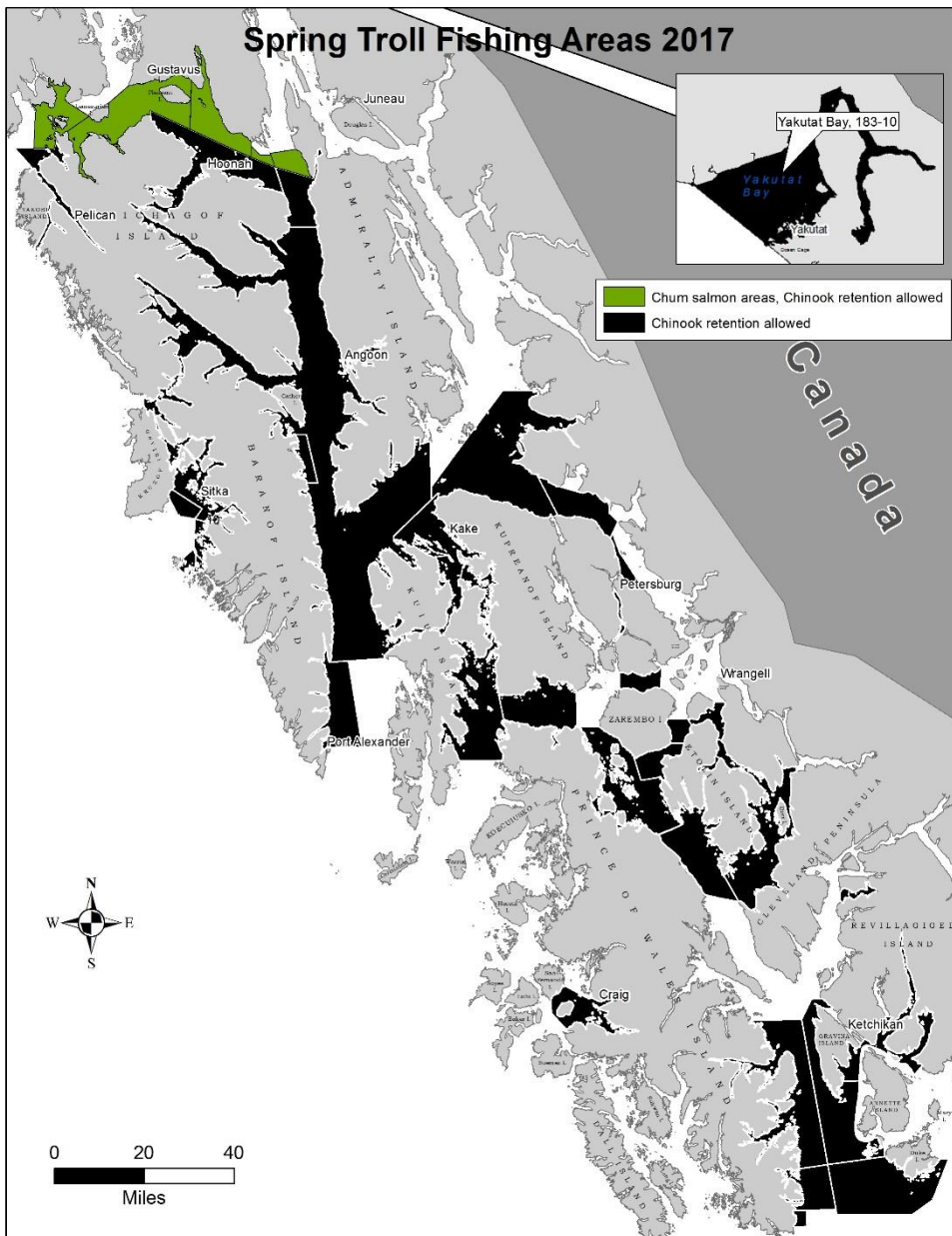
# Winter Chinook Salmon Fishery



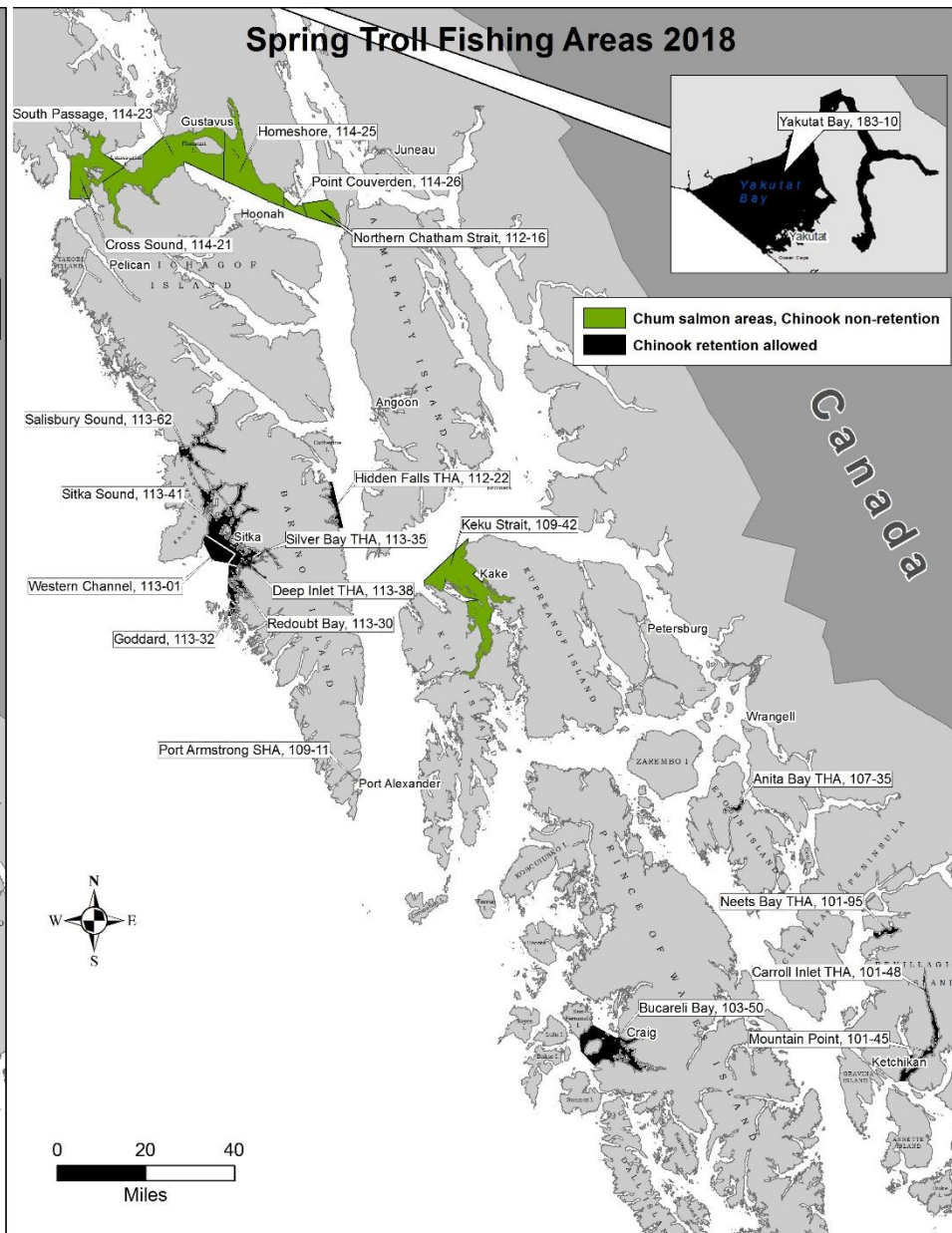
# Spring Troll Fisheries

- Open May 1 – June 30.
- Located along migration routes or near hatchery and release sites; target Alaska hatchery-produced Chinook salmon
- Harvest of treaty Chinook salmon is limited according to the percentage of the Alaska hatchery fish taken in each fishery
- Spring fisheries are managed individually on a weekly basis by emergency order
- Hatchery-produced chum salmon also targeted

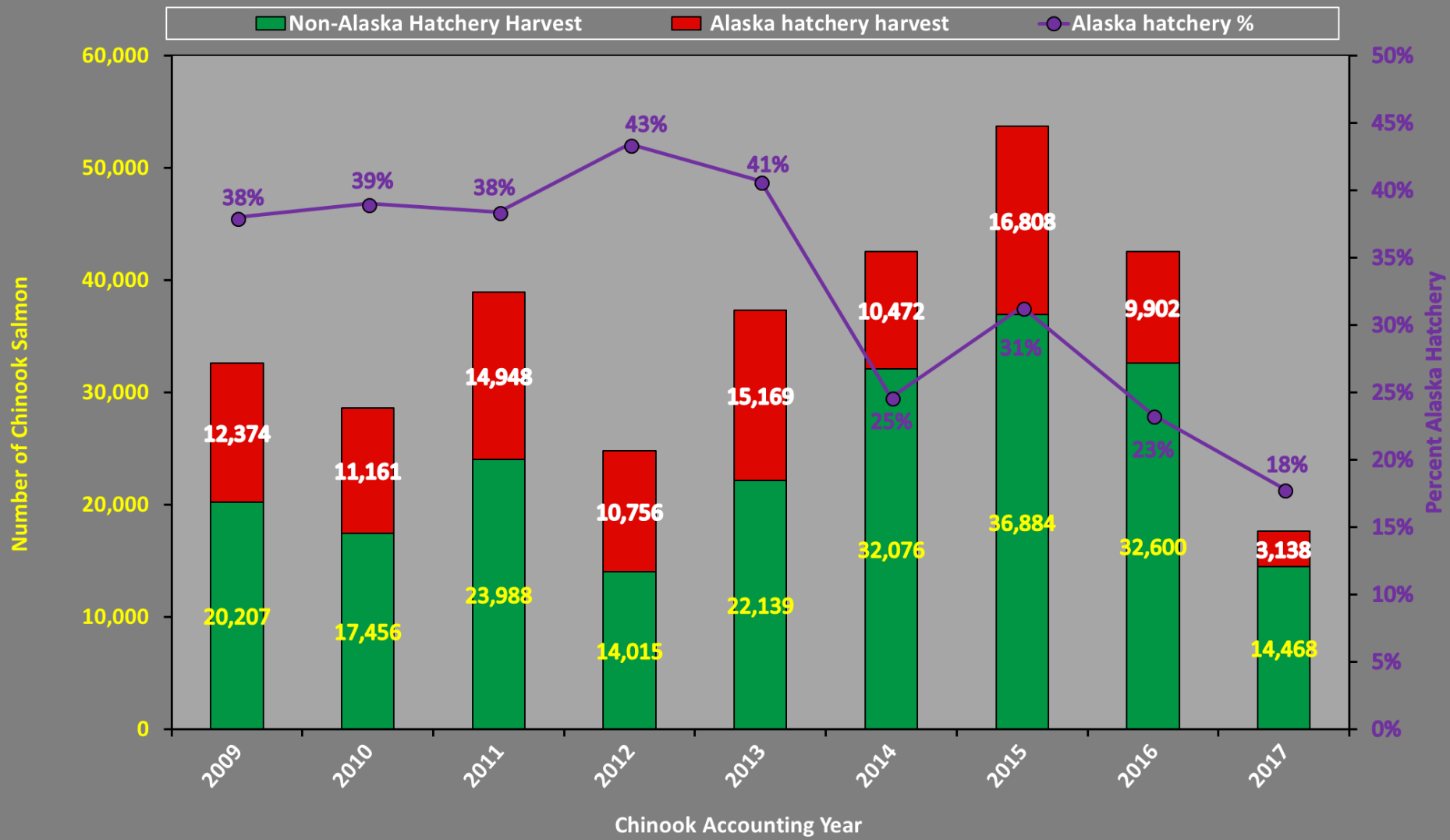
## Spring Troll Fishing Areas 2017



## Spring Troll Fishing Areas 2018



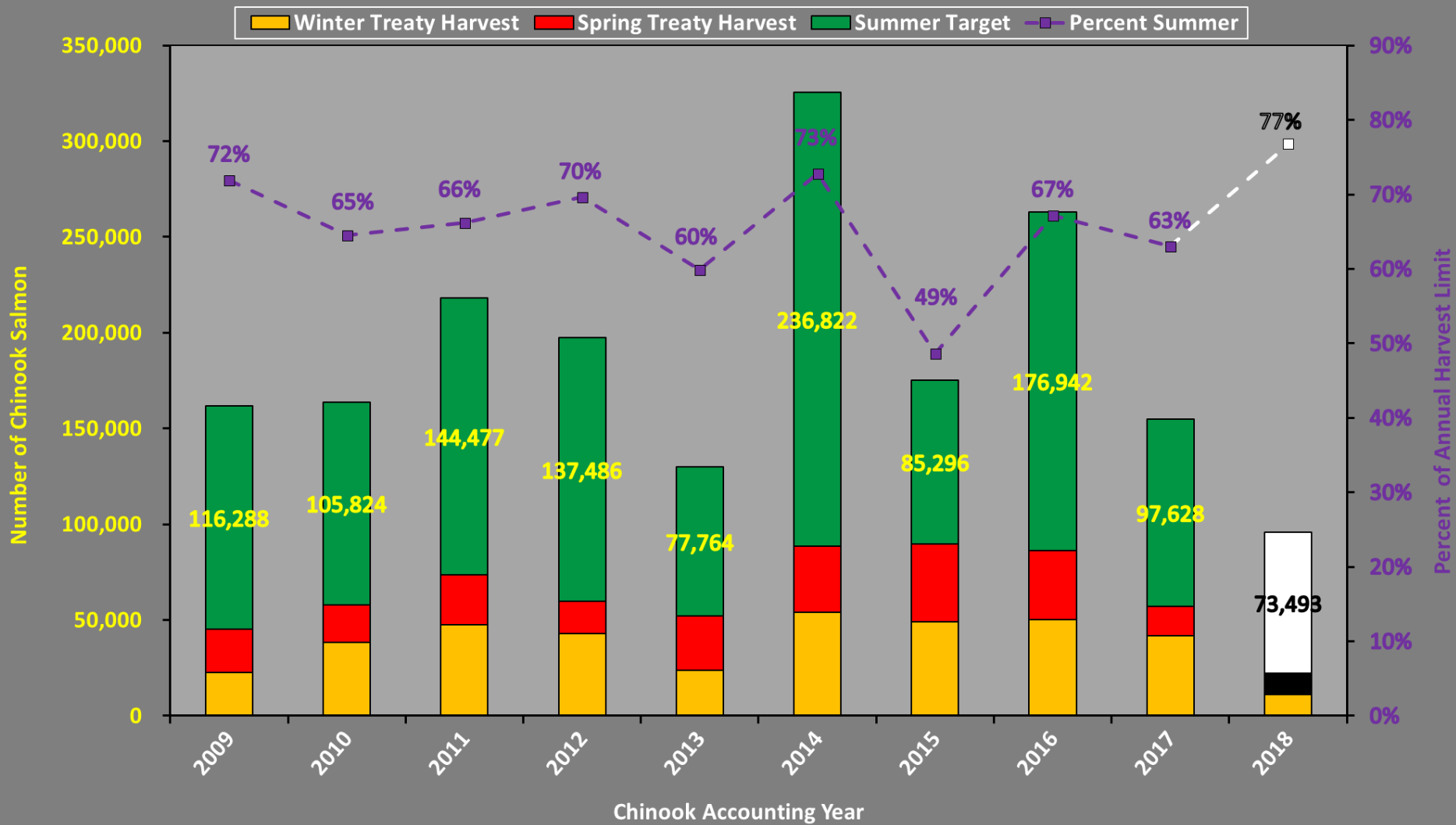
# Spring Chinook Salmon Fishery



# Summer Troll Fishery

- Summer fishery begins on July 1, harvest and effort are at peak levels with most waters of the region open to troll gear
- 1<sup>st</sup> Chinook retention period: 70% of the Chinook salmon remaining on the troll allocation after winter and spring fisheries end
- 2<sup>nd</sup> Chinook retention period: any remaining portion of the annual troll allocation following the first summer retention period
- Also target coho and chum during summer

# Summer Chinook Salmon Fishery



# Questions?

