



Lower Cook Inlet Commercial Salmon Fisheries

Presented to the Alaska Board of Fisheries by
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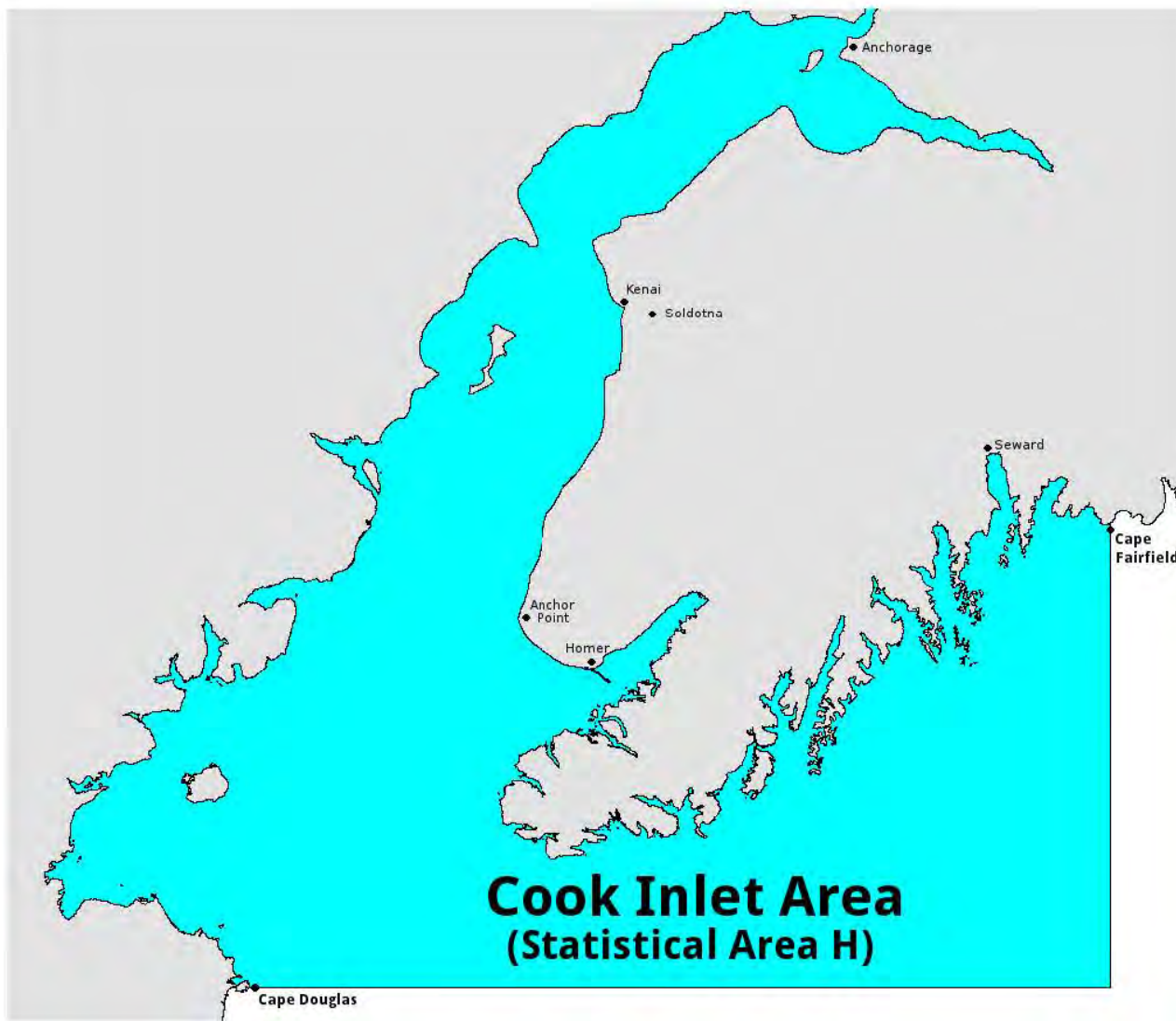
November 30 – December 3, 2016



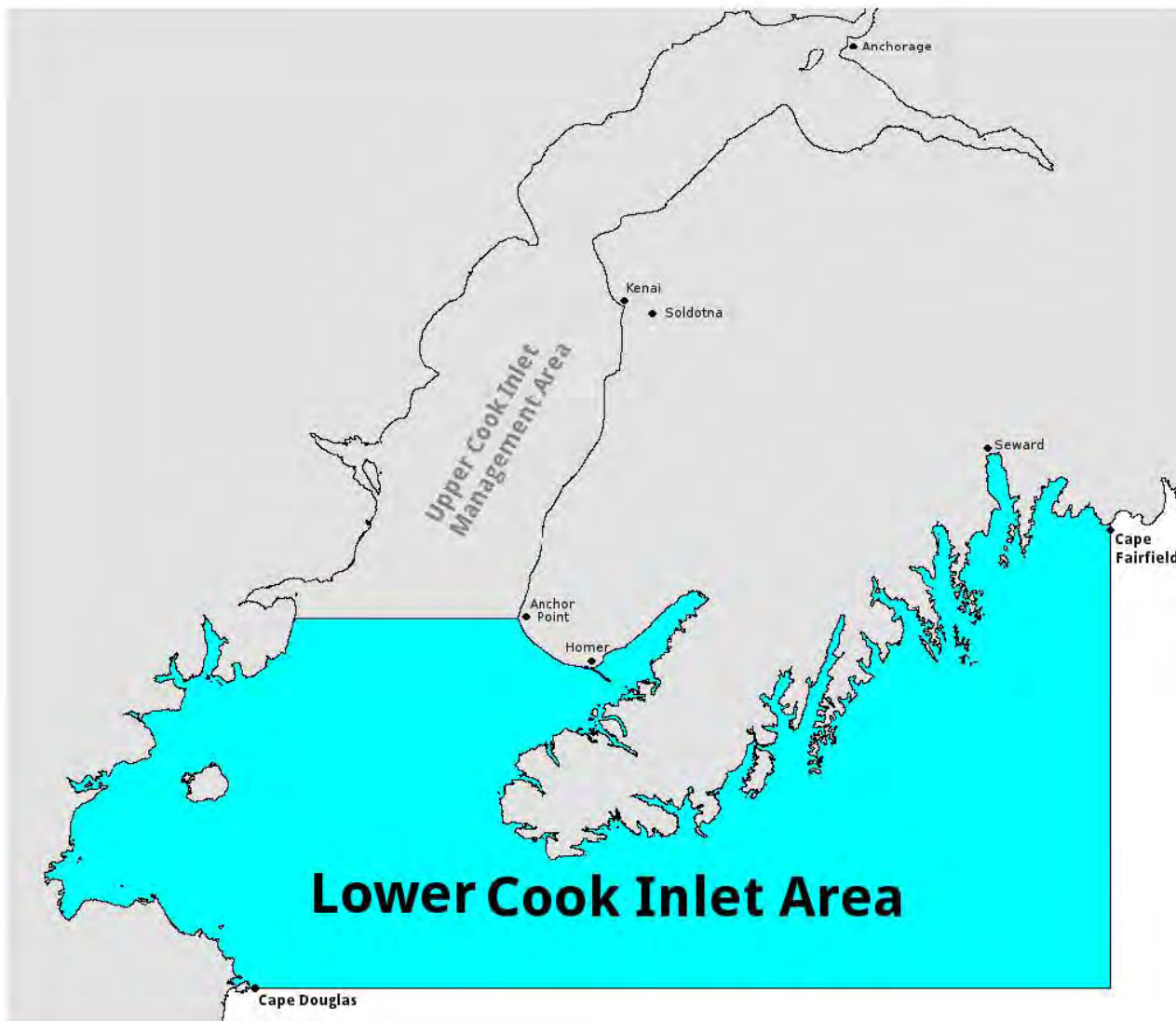
Overview

- Lower Cook Inlet Area (LCI) geography
- Overall historic area harvests and gear
- Harvest by district and gear
- Fisheries enhancement
- 2016 commercial harvest
- Salmon proposals before the board

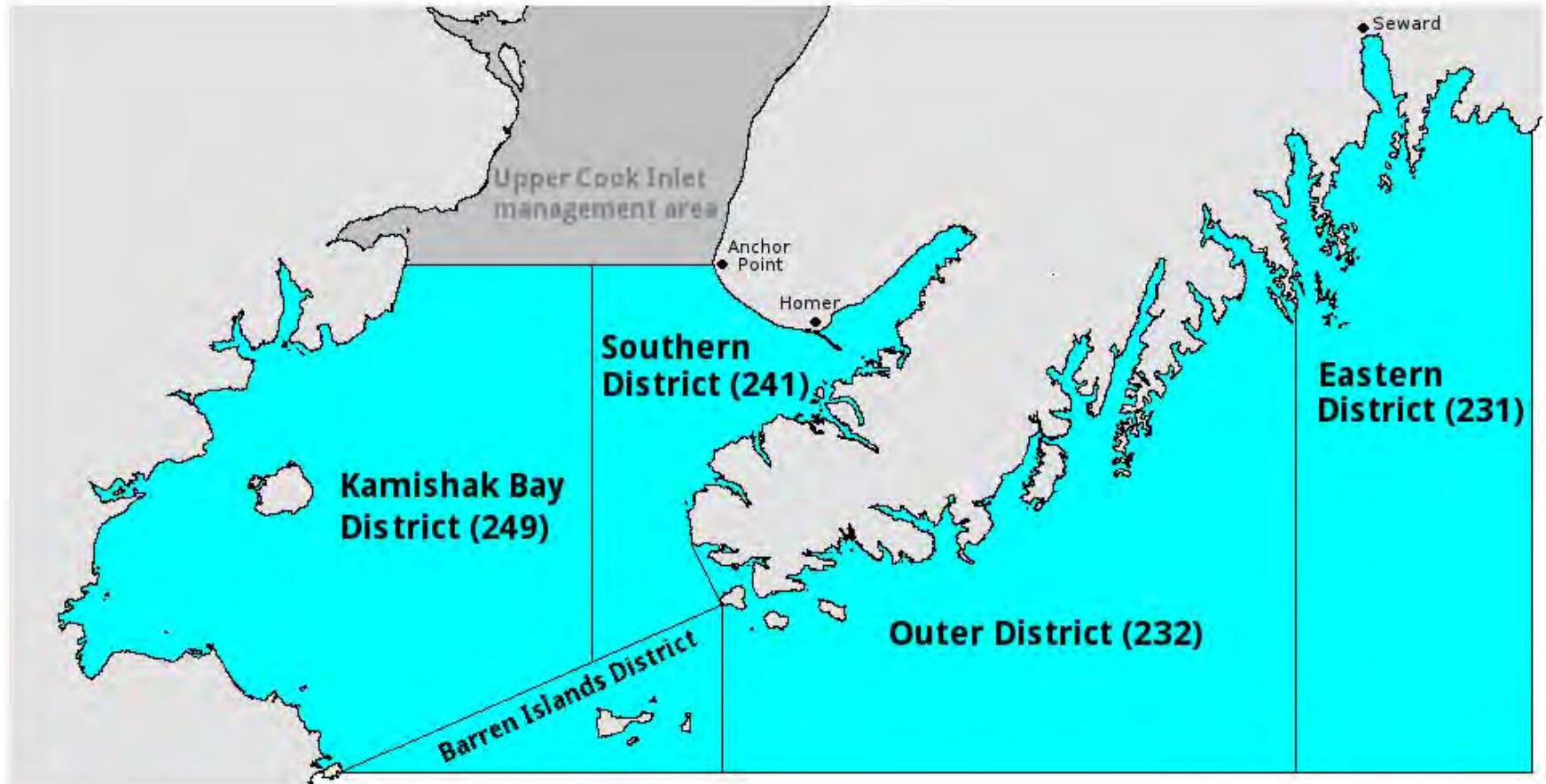
Cook Inlet (Area H)



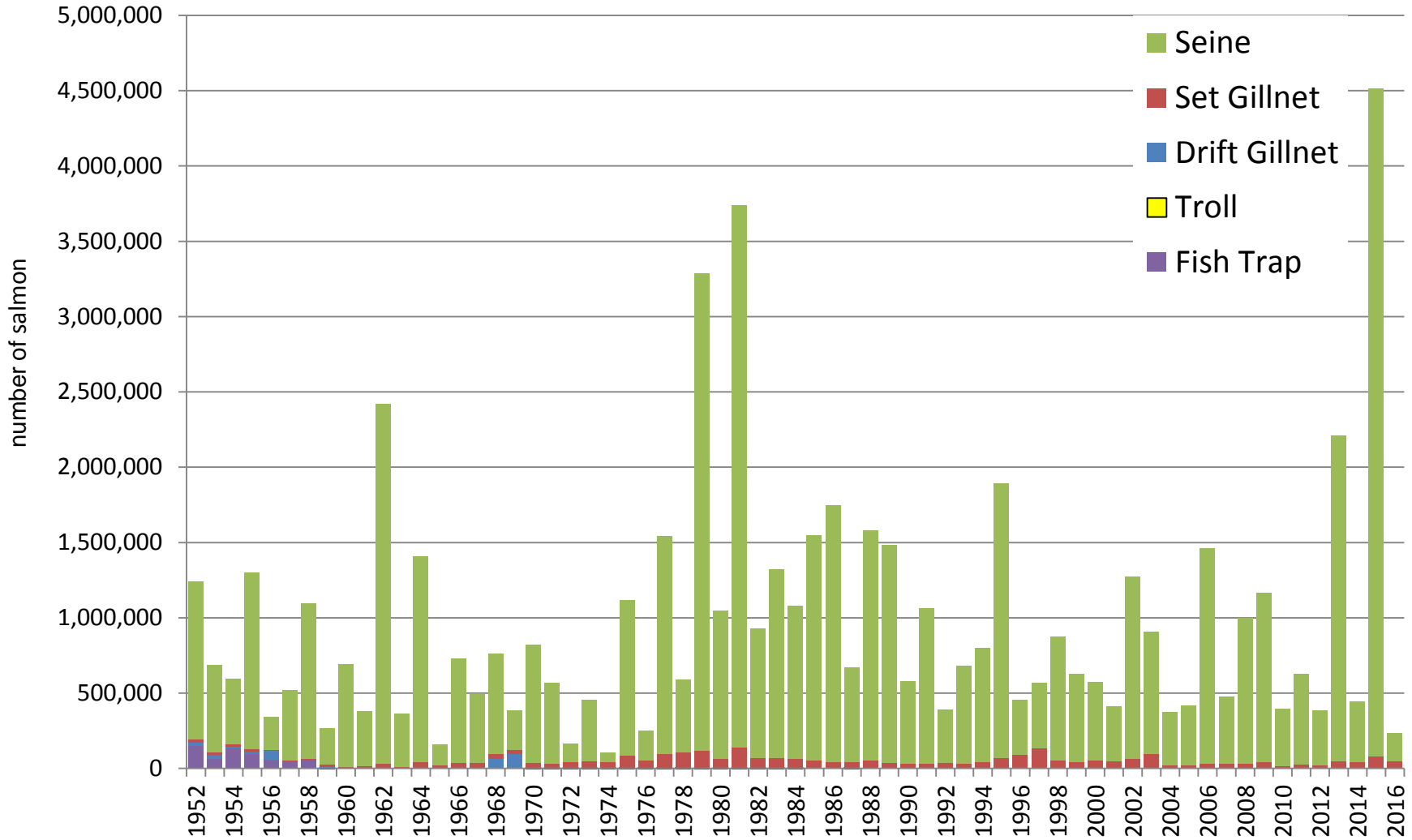
Cook Inlet (Area H)



Lower Cook Inlet Management Area

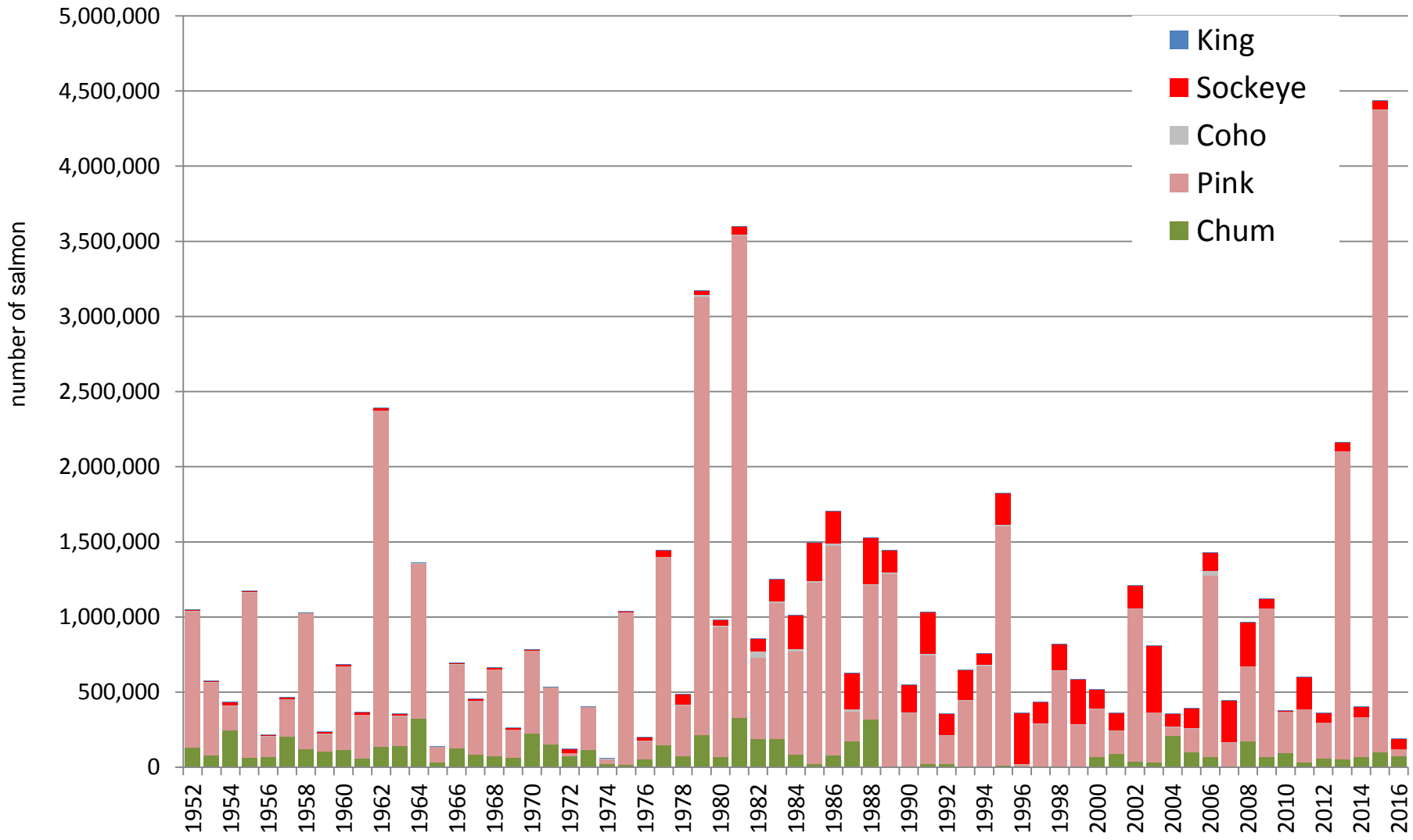


LCI Historical Harvests by Gear, 1952-2016



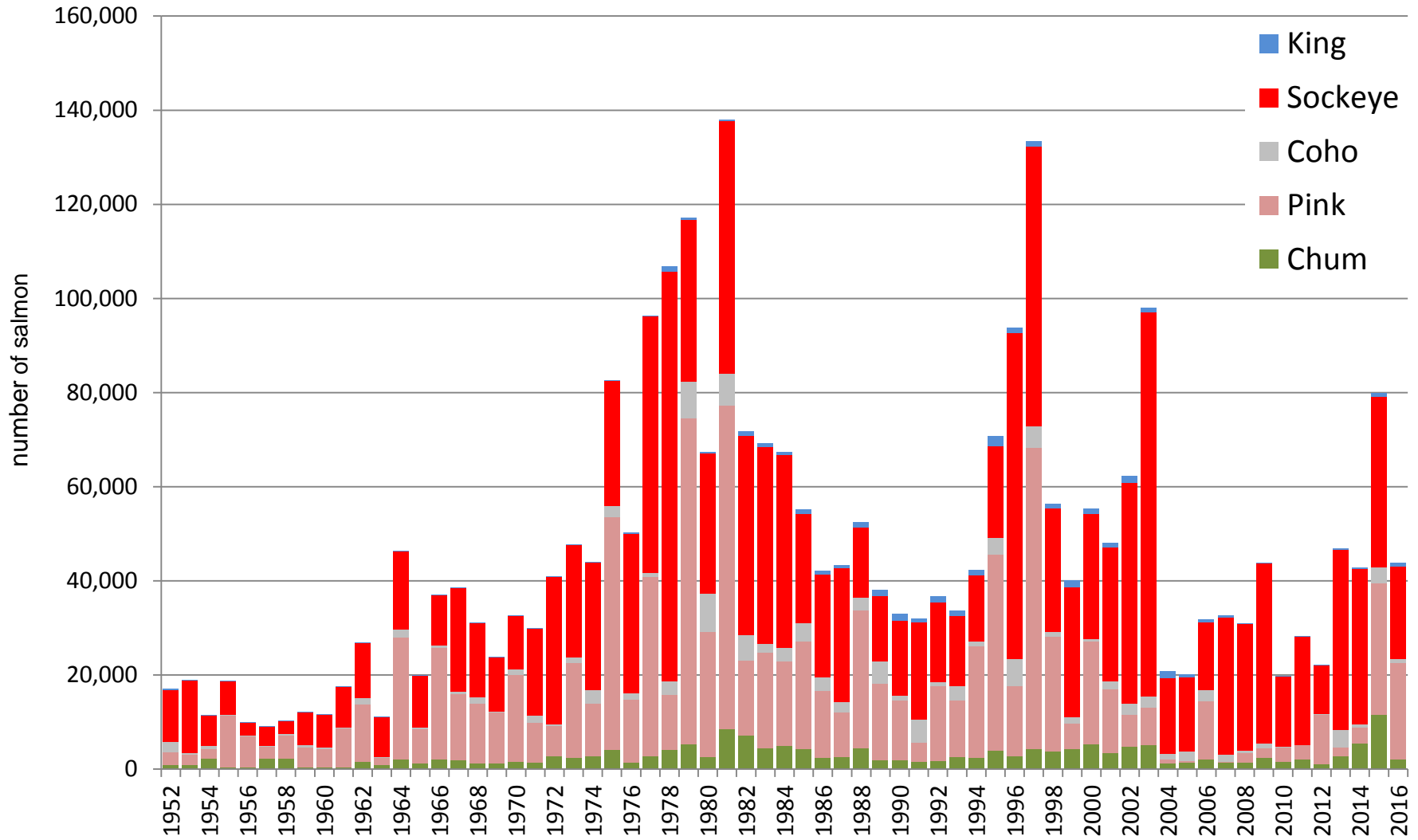


Seine Harvests in LCI, 1952-2016

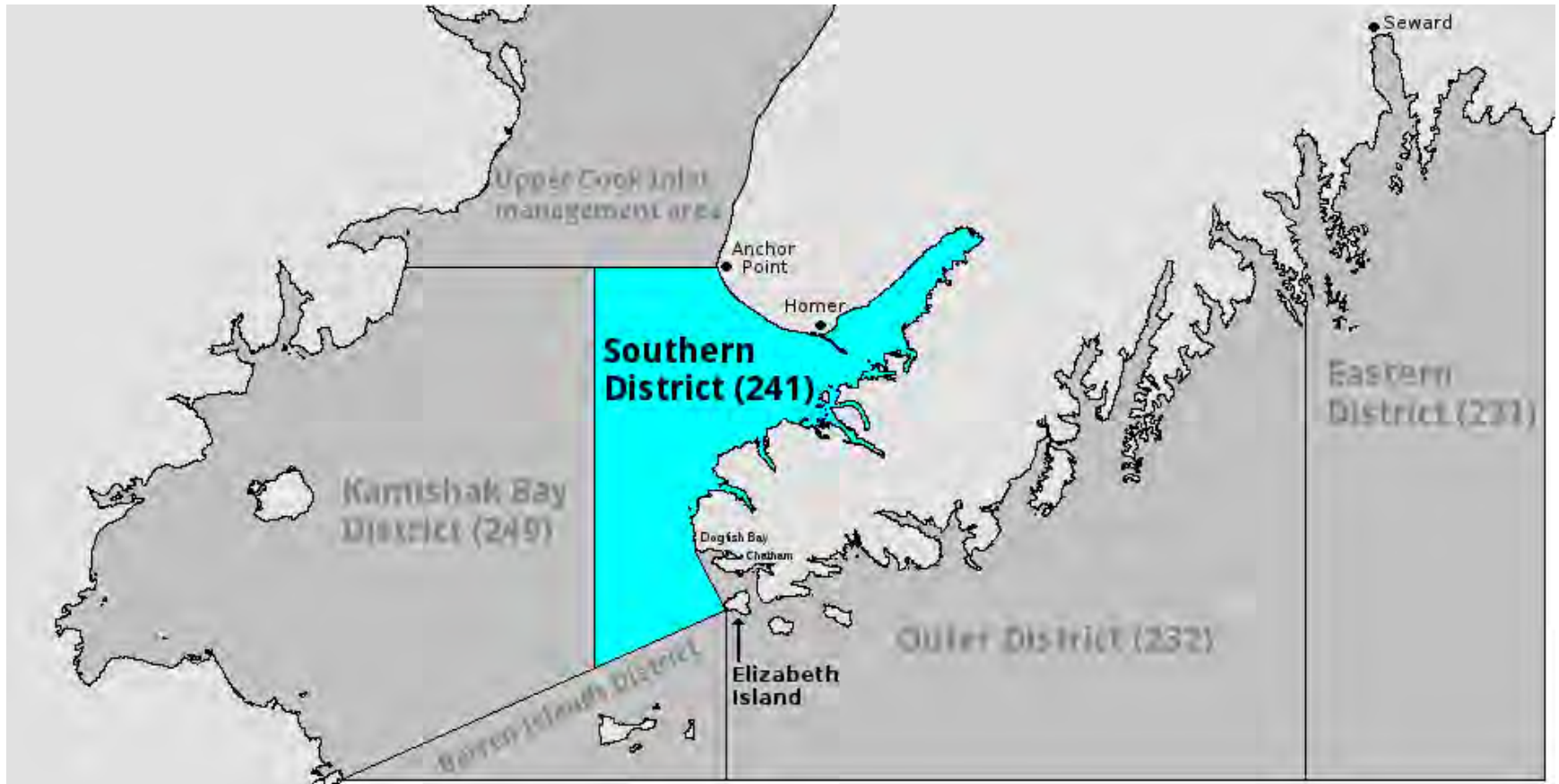




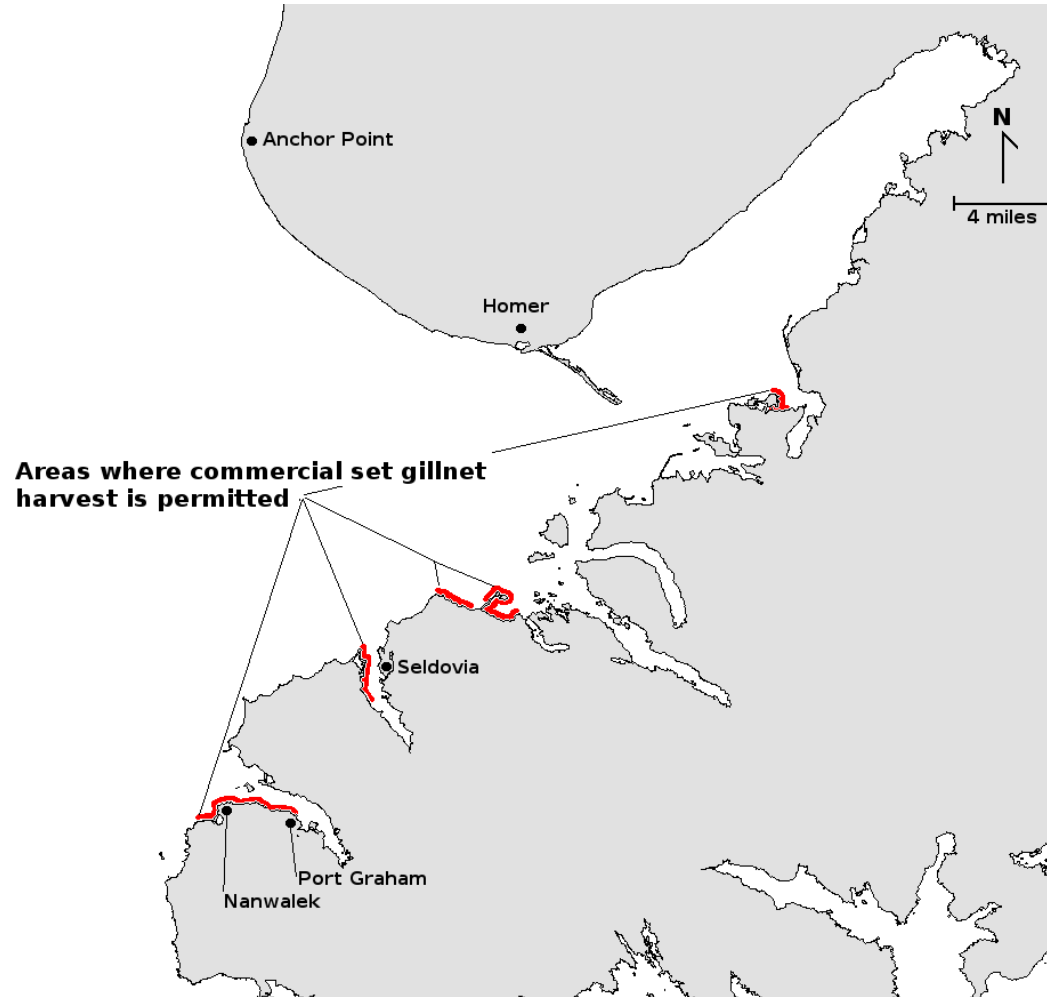
Set Gillnet Harvests in LCI, 1952-2016



Southern District Harvests

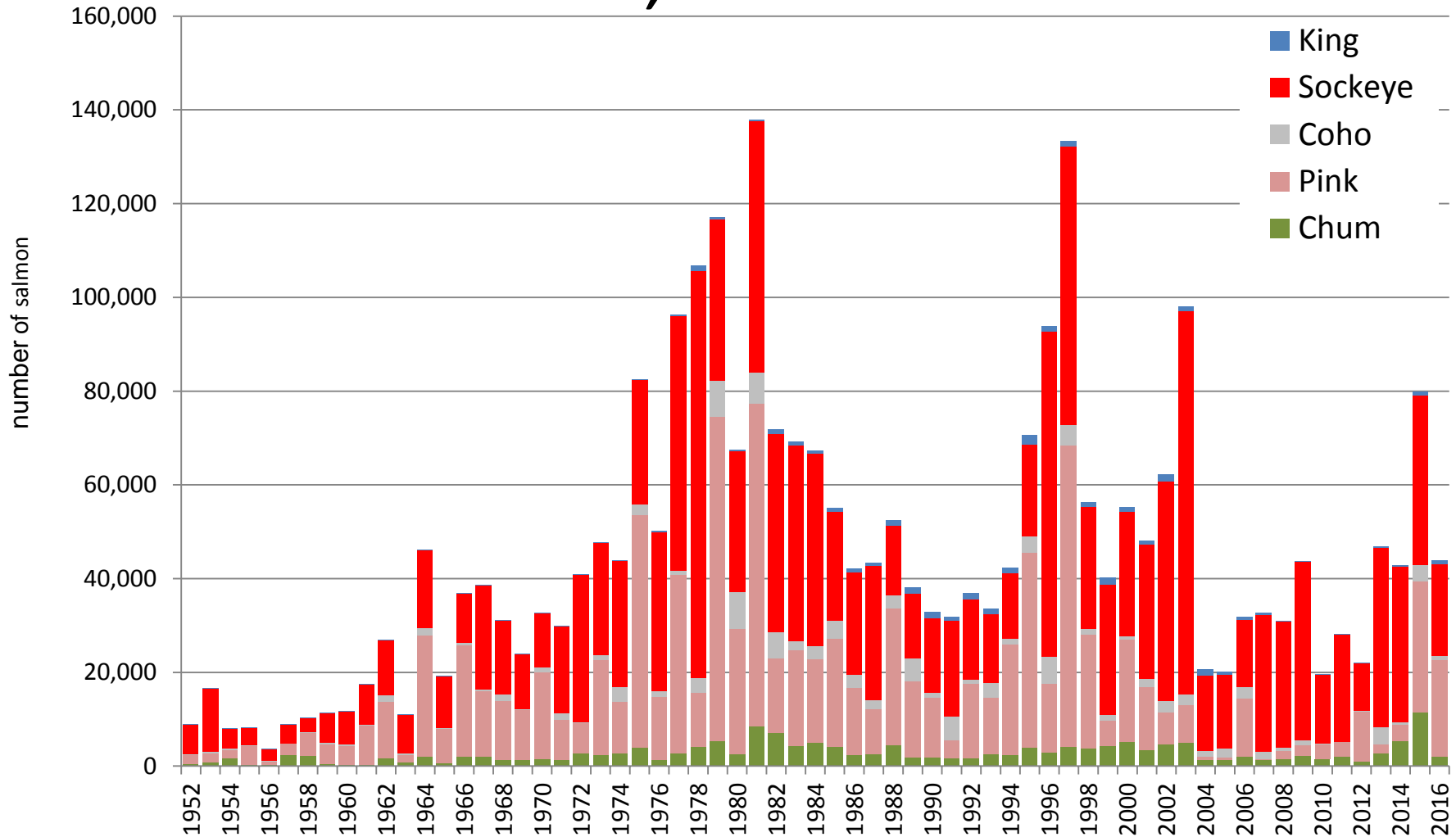


Southern District Harvests



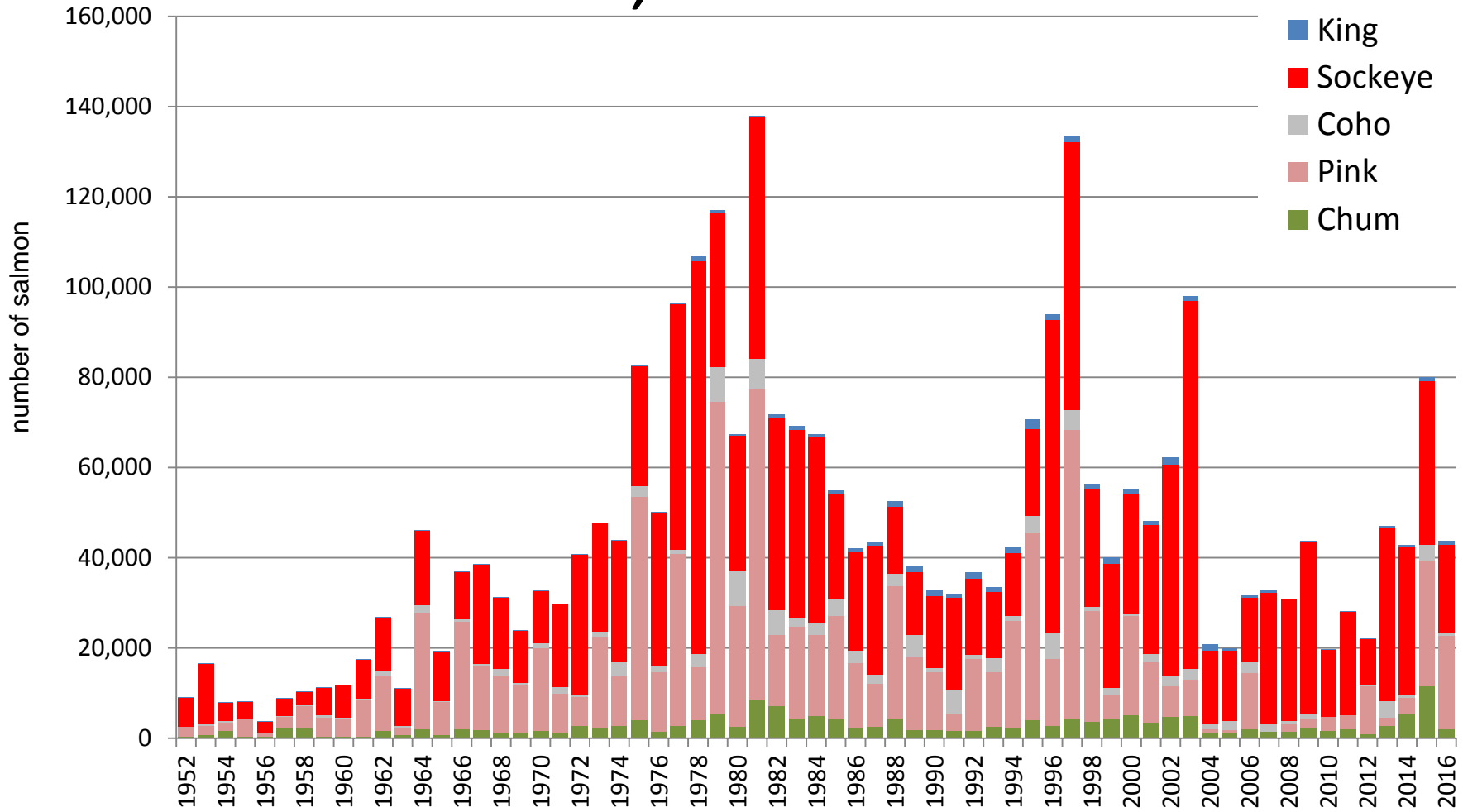


Southern District Set Gillnet Harvests, 1952-2016

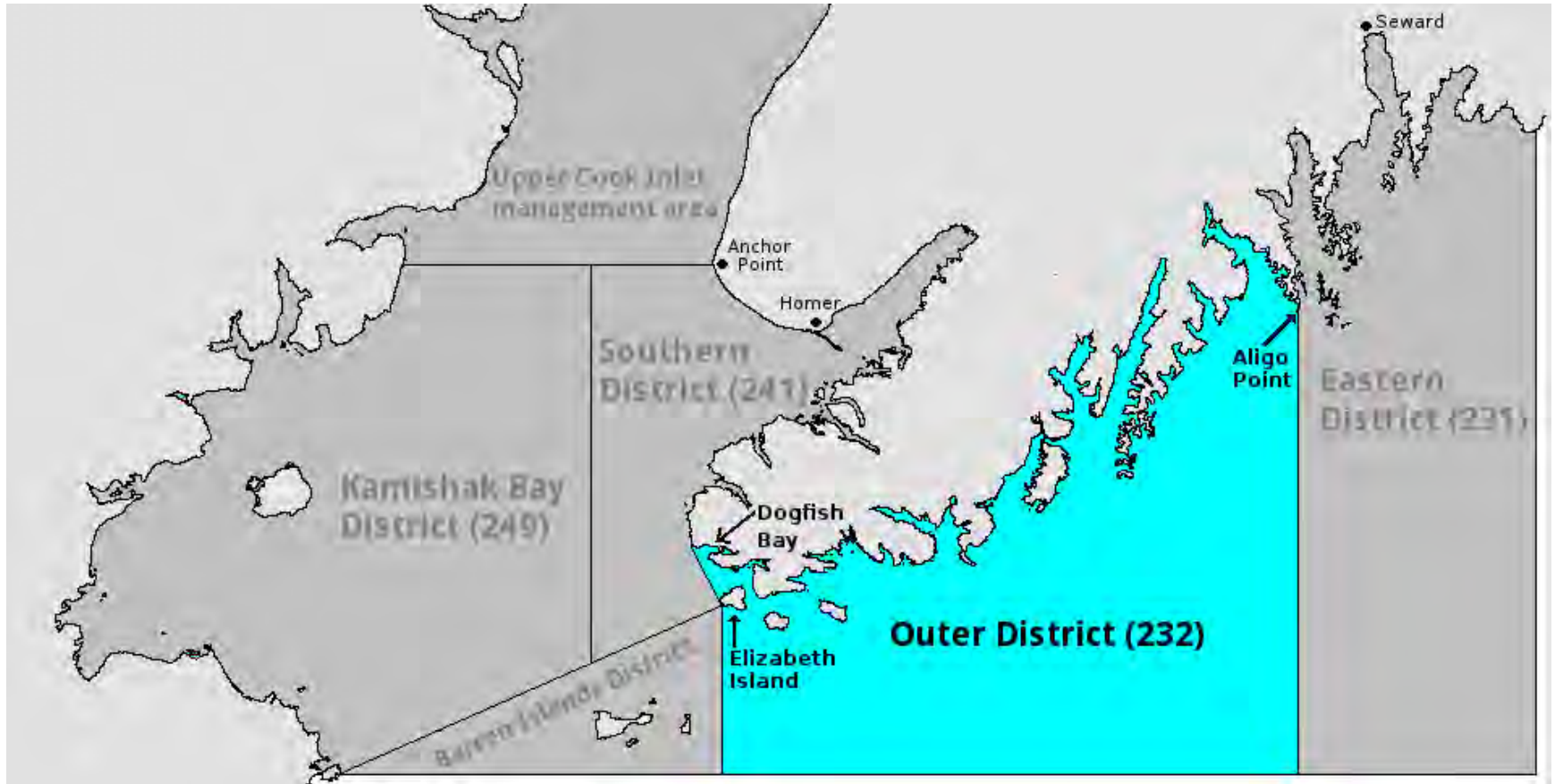




Southern District Purse Seine Harvests, 1952-2016



Outer District Harvests

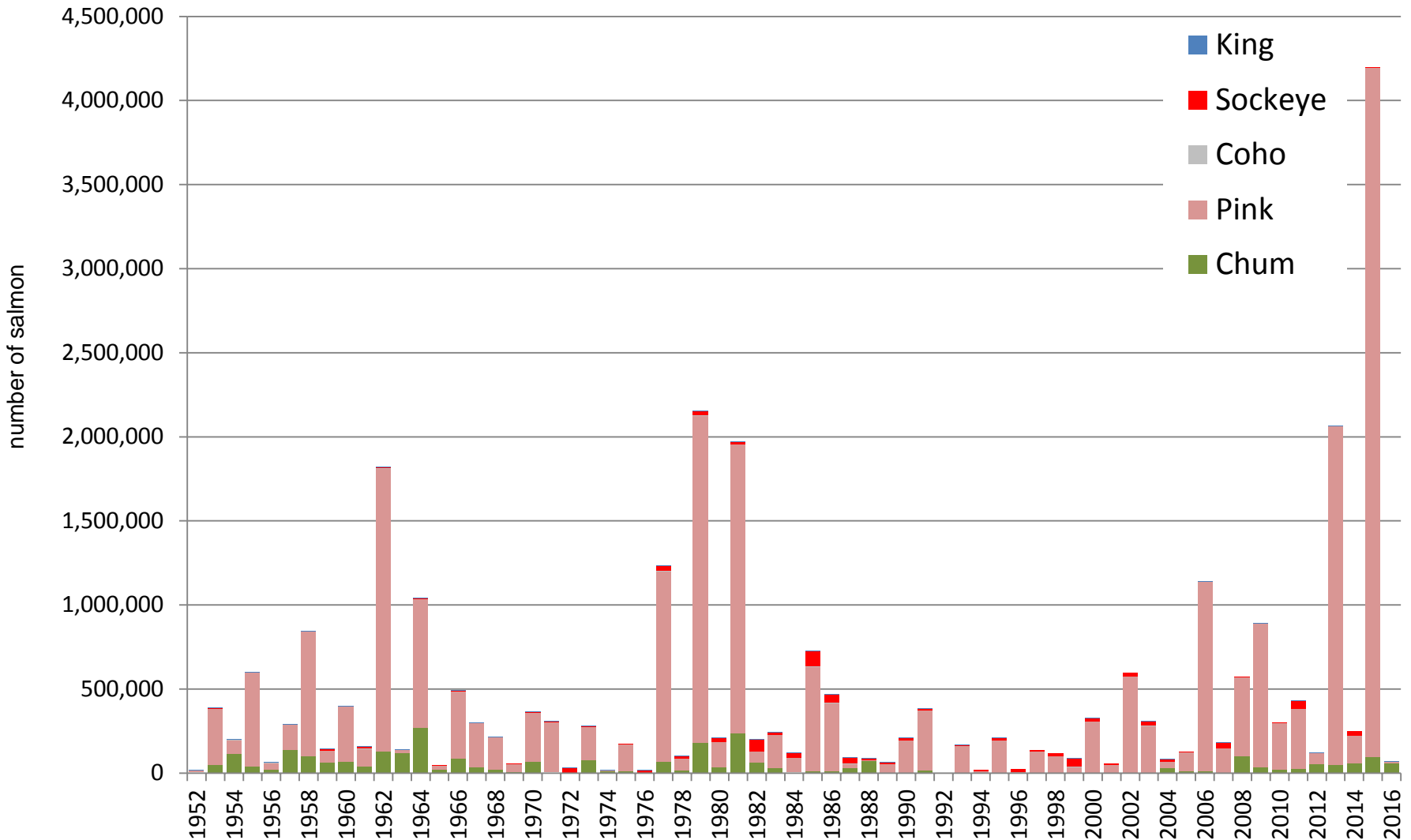


Outer District Harvests

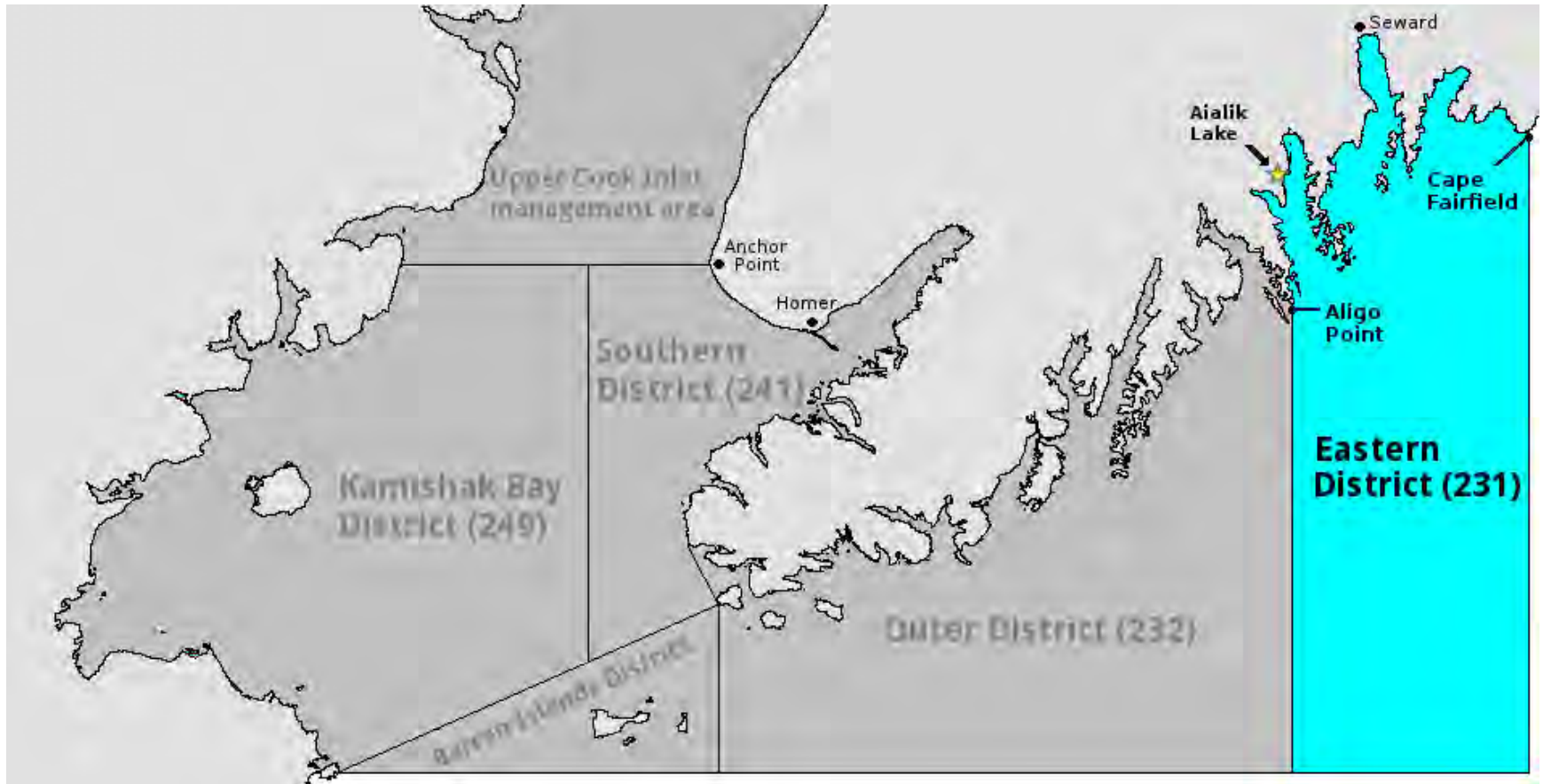




Outer District Harvest by Species

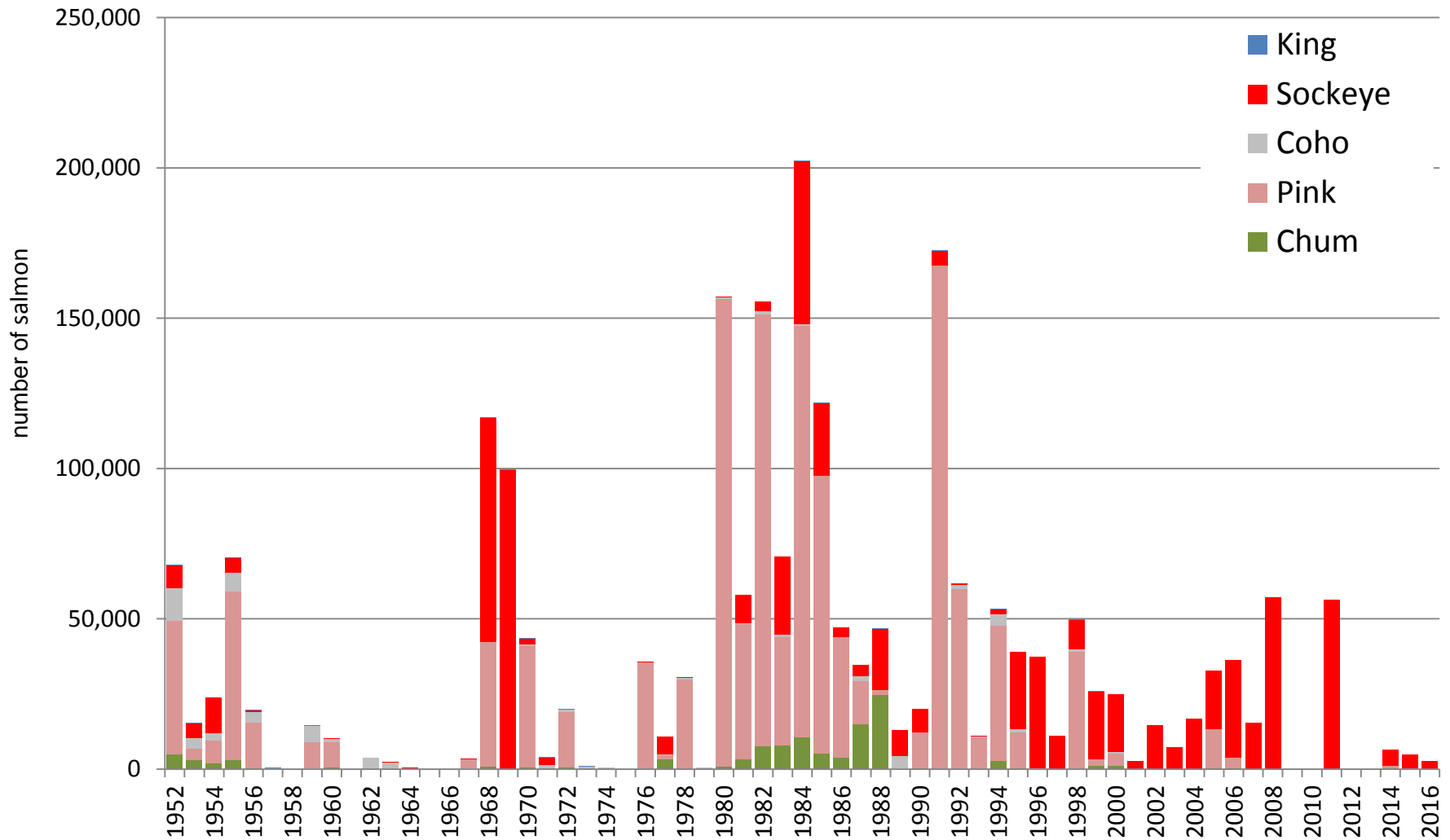


Eastern District Harvests



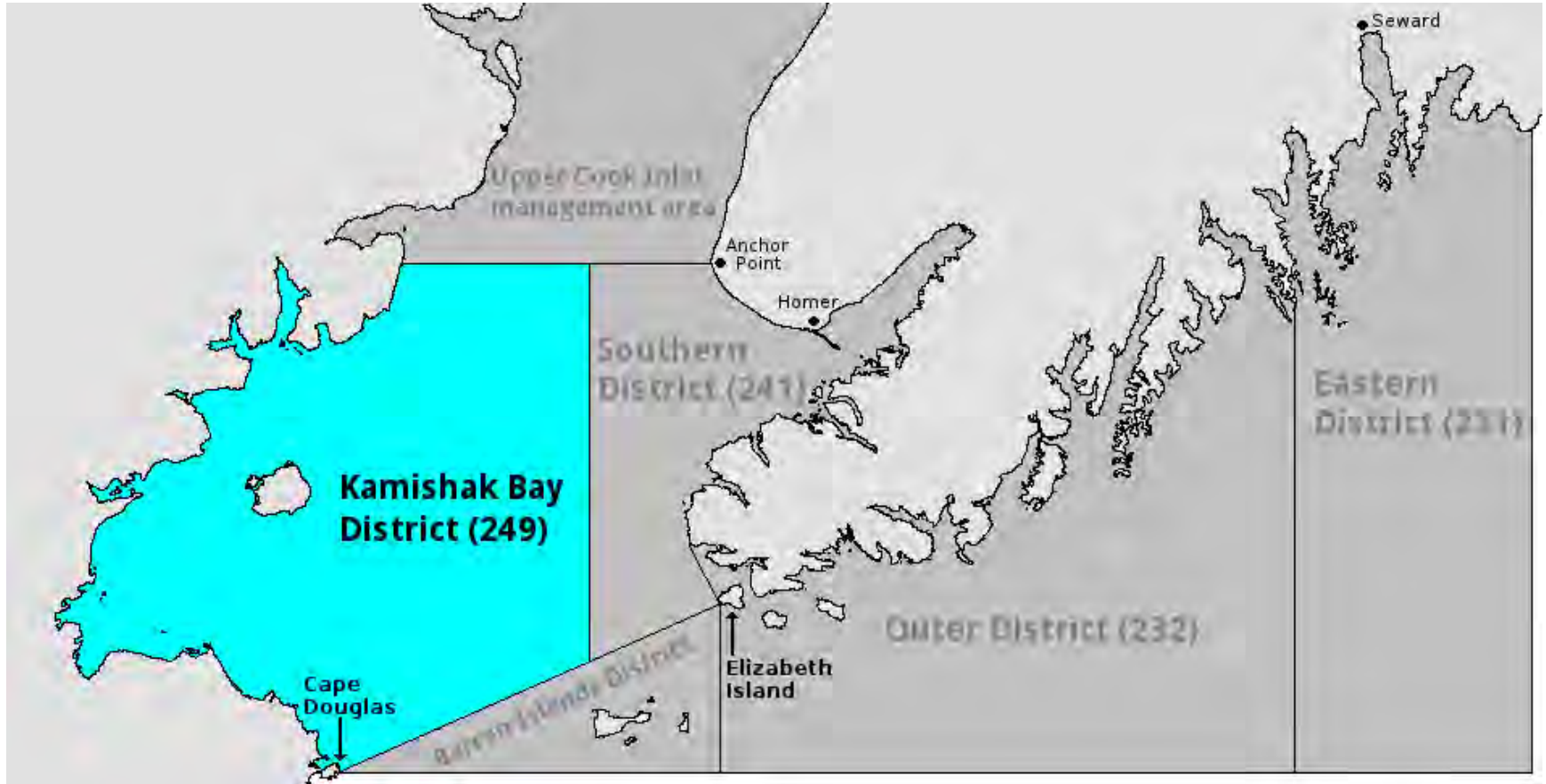


Eastern District Harvest by Species

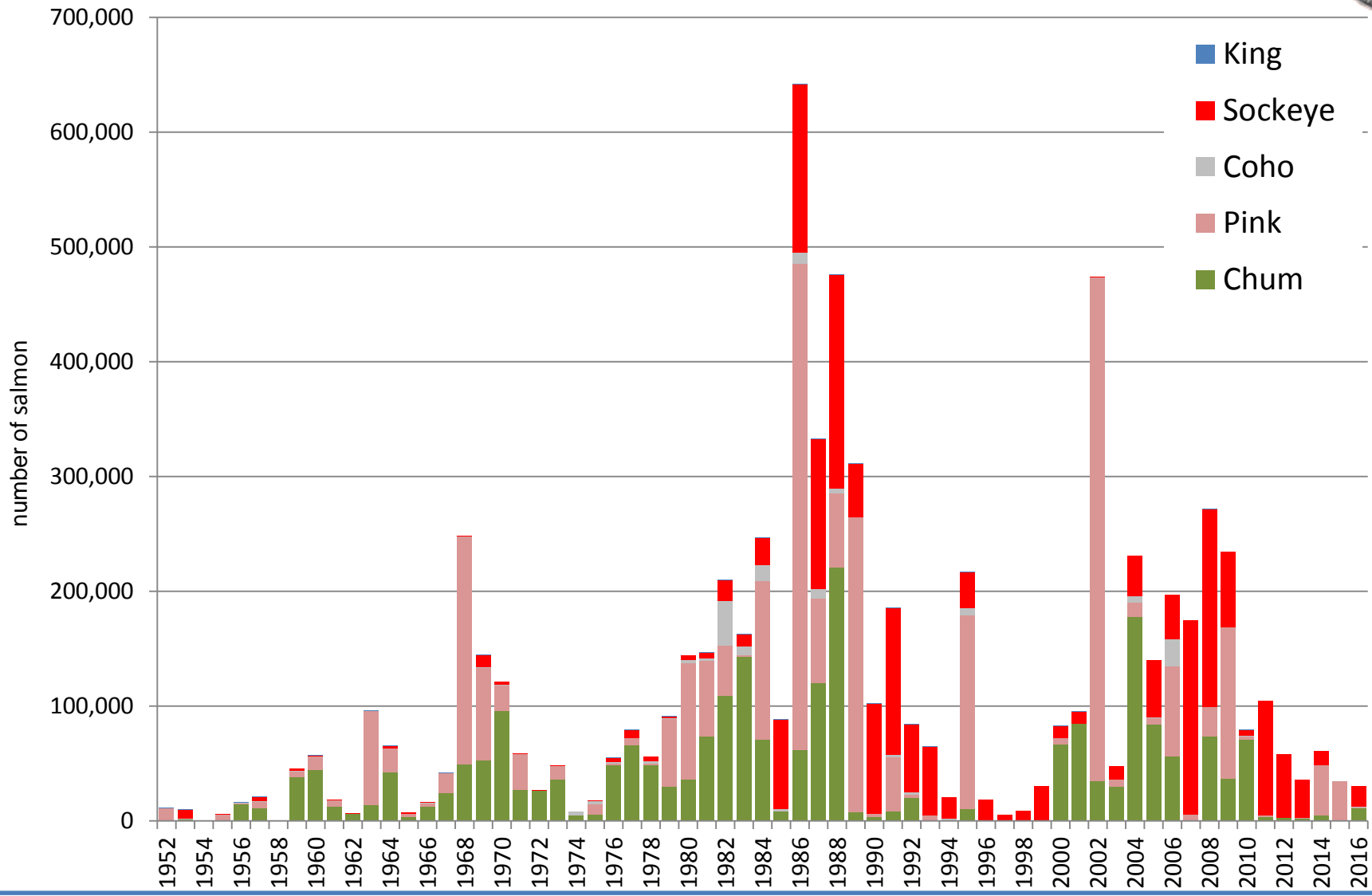




Kamishak Bay District Harvests



Kamishak District Harvest by Species

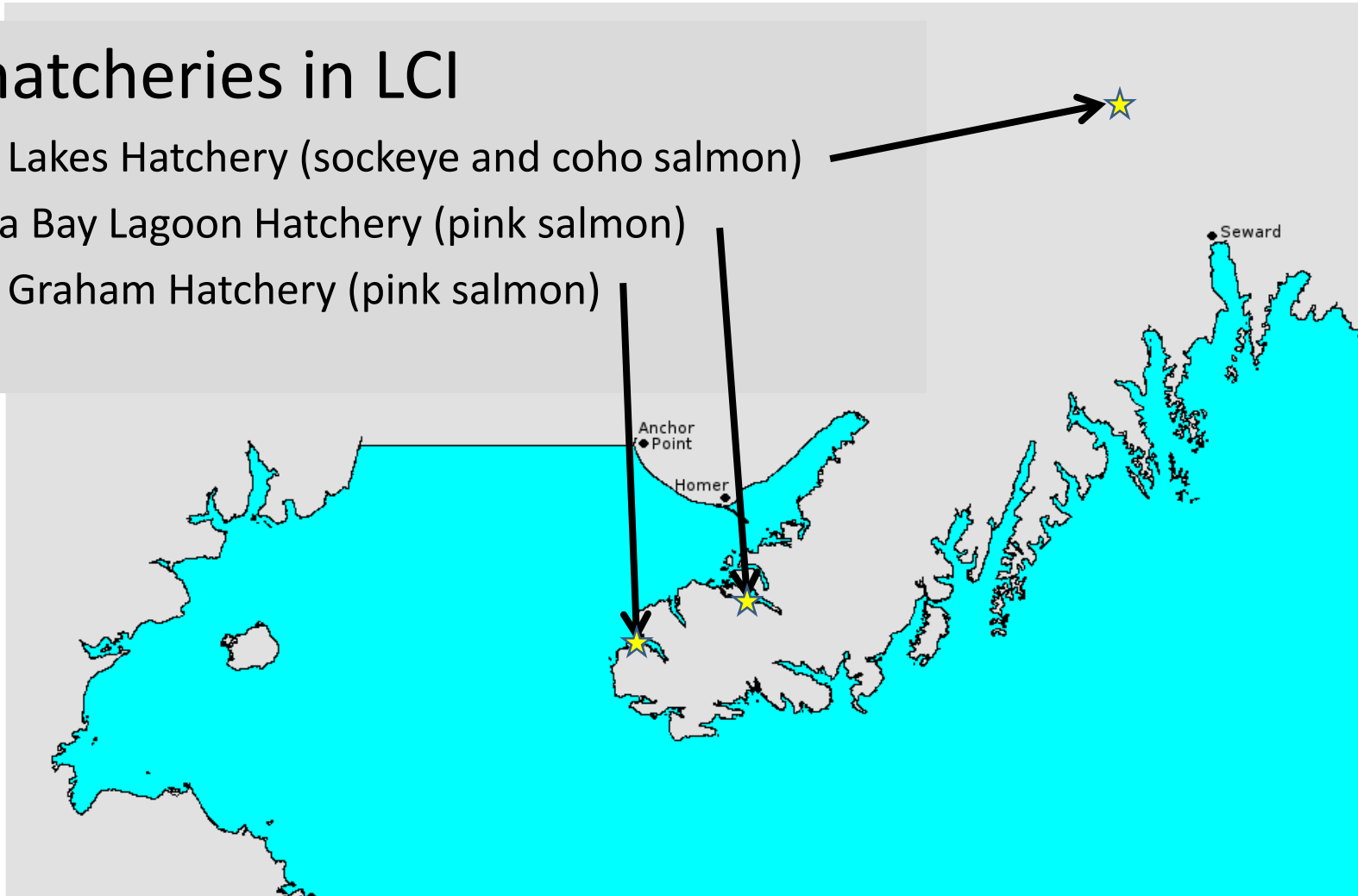




Enhancement

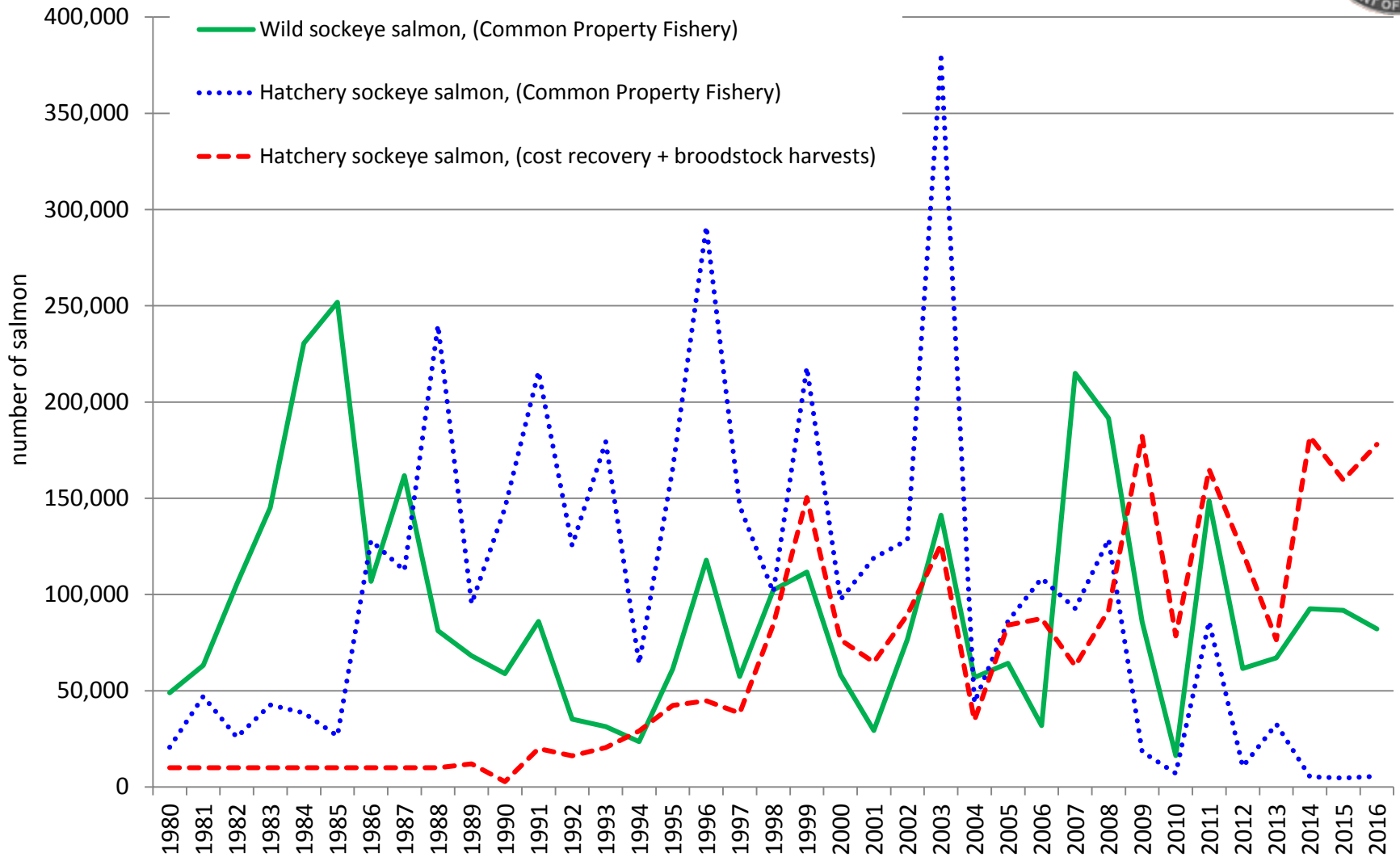
Three hatcheries in LCI

- Trail Lakes Hatchery (sockeye and coho salmon)
- Tutka Bay Lagoon Hatchery (pink salmon)
- Port Graham Hatchery (pink salmon)



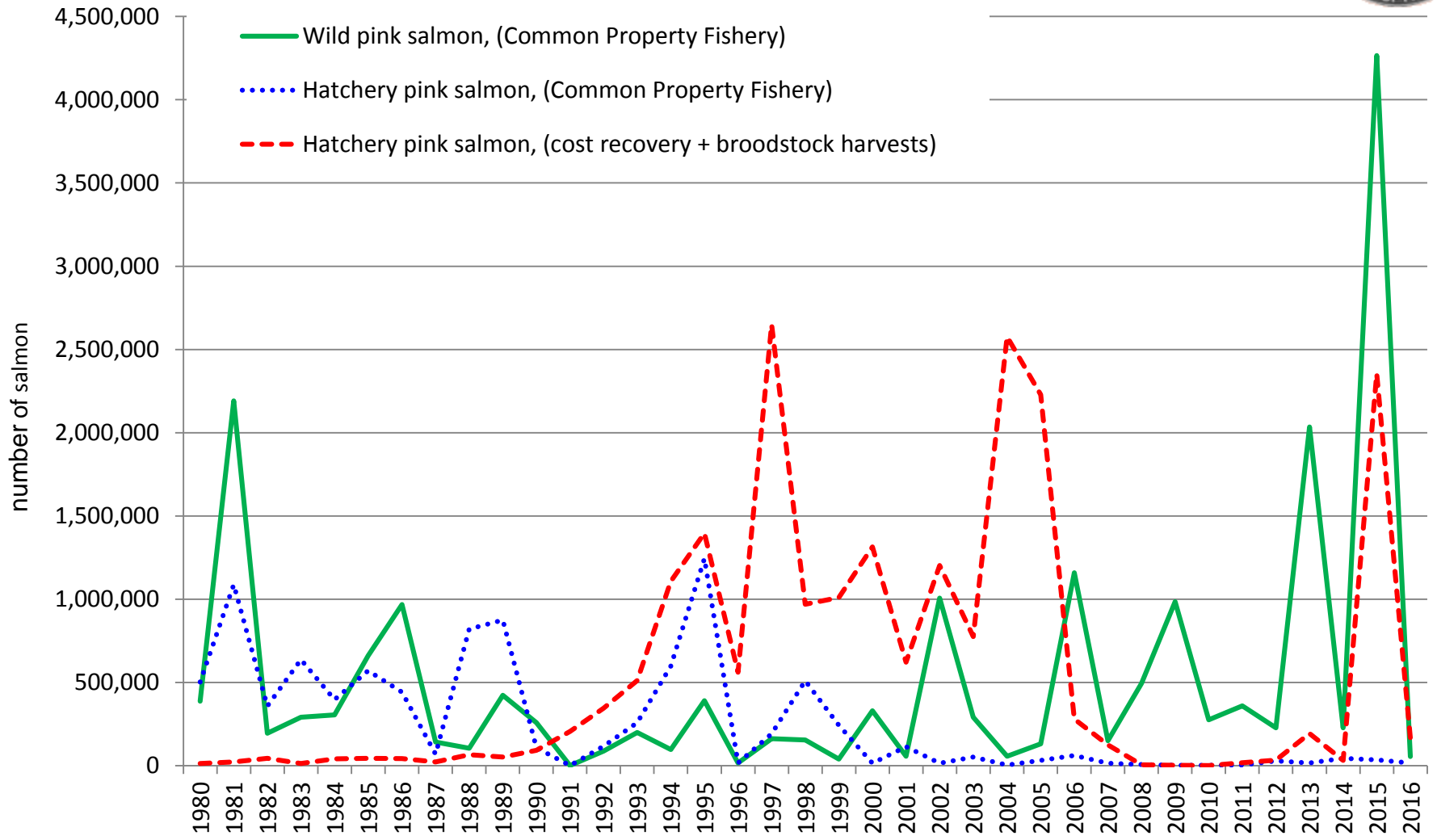


Sockeye Salmon Harvests





Pink Salmon harvests





2016 Harvest

Commercial common property harvests in 2016

- The 2016 harvest of 234,000 salmon (70,000 pink salmon) was the 4th lowest since 1951. This contrasts to the 2015 harvest where 4.5 million salmon (4.3 million pink salmon) were harvested.
- Currently there is a robust even-year, odd-year pink salmon run dichotomy in *many* LCI systems.
- The 2016 harvest value was 1.0 million dollars. The previous 10-year harvest value was 2.0 million dollars. The 2015 common property harvest value was 3.9 million dollars.
- Gov. Walker requested Secretary of Commerce declare a fisheries disaster in Lower Cook Inlet and other areas in the North Gulf of AK.
- The hatchery component of the common property sockeye harvest in 2016 was 6.4%, and the pink salmon hatchery component was 22.2%.



2016 LCI Commercial Salmon Proposals

Four proposals submitted by department

- **Proposal #1**- Kachemak Bay Personal Use Fishery. Clarify fishing periods and update closed waters references.
- **Proposal #2**- Establish Port Graham and English Bay sections.
- **Proposal #3**- Establish closed waters in four locations: Akumwarvik Bay, Douglas River, Petrof River, and McCarty Fjord near Delight Lake.
- **Proposal #35**- Redefine the existing seaward boundary of areas where commercial set gillnets may be operated in Kachemak Bay using GPS coordinates.

2016 LCI Commercial Salmon Proposals



Six proposals submitted by stakeholders

- **Proposal #36**- Expand the set gillnet area in the Halibut Cove Subdistrict to align with historic DNR shore fishery lease.
- **Proposal #37**- Open waters east of Gore Pt on 7/1 to salmon harvest for two 40 hour periods per week.
- **Proposal #38**- Open waters of Aialik Bay on 7/1 to salmon harvest for two 40 hour periods per week.
- **Proposal #39**- Allocate Resurrection Bay hatchery sockeye 50/50 between cost recovery and common property harvests.
- **Proposal #40**- Remove waters of lower Salmon Creek from the Bear Creek SHA.
- **Proposal #41**- Exclude near shore marine waters in Resurrection Bay from the Bear Creek SHA.

Thank you for your time.
Questions?

