

Chignik Management Area Salmon Fishery

by

Dawn M. Wilburn



Report to the Alaska Board of Fisheries

February 2016

Written Report: Supplemental materials

Staff Comments: RC 2

Oral Report: RC 3; Tab 6

Chignik Management Area Salmon Fishery

Overview

1. Geographic description of the Chignik Management Area (CMA)
2. Salmon management and harvest strategy
3. Historical escapement, harvest, and value
4. 2013–2015 season summaries
5. Summary of proposals



Black Lake (Early Run)

**Chignik Lake
(Late Run)**

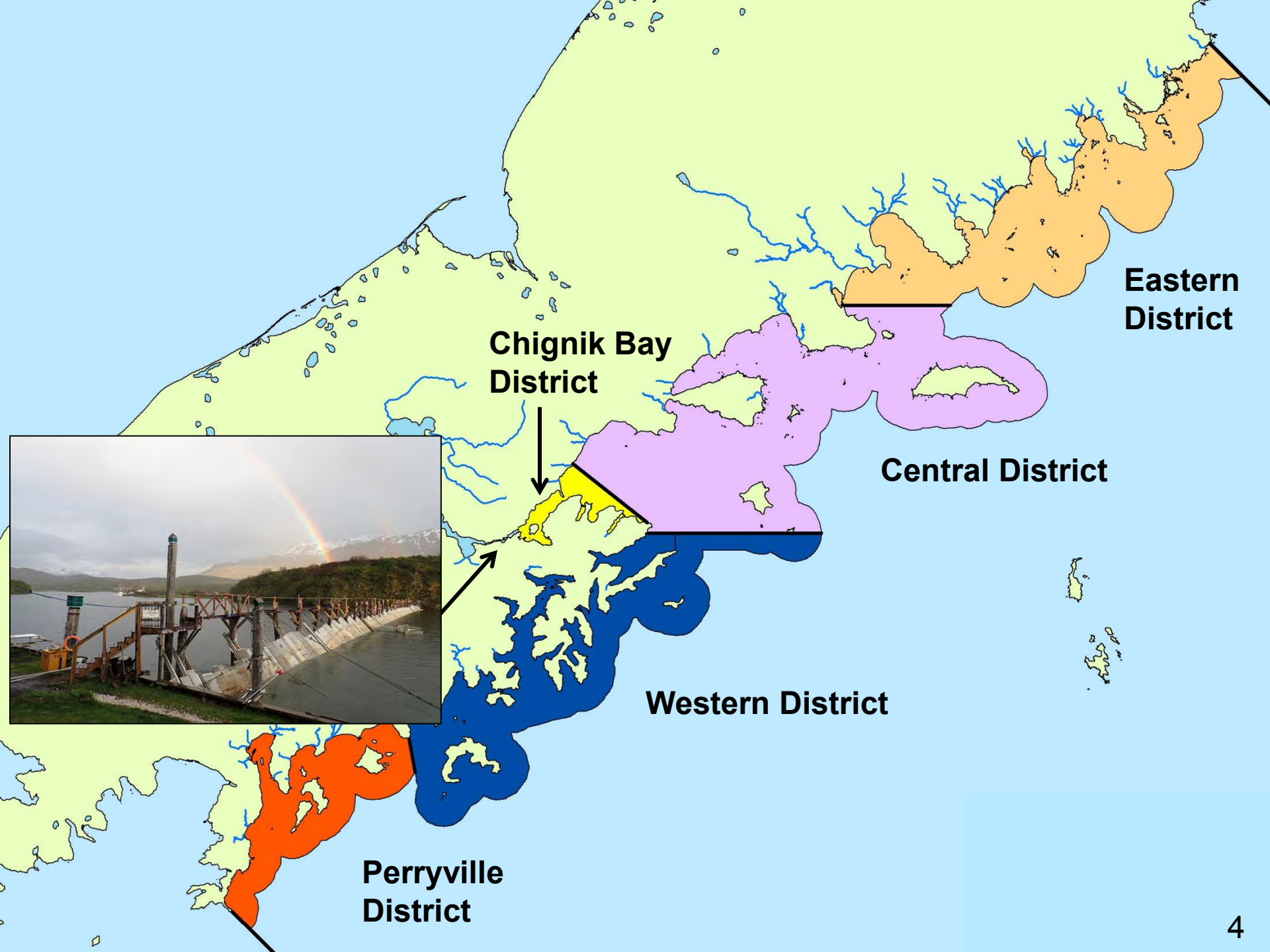
Area K

**Kilokak
Rocks**

Area L

Kupreanof Pt.

Area M

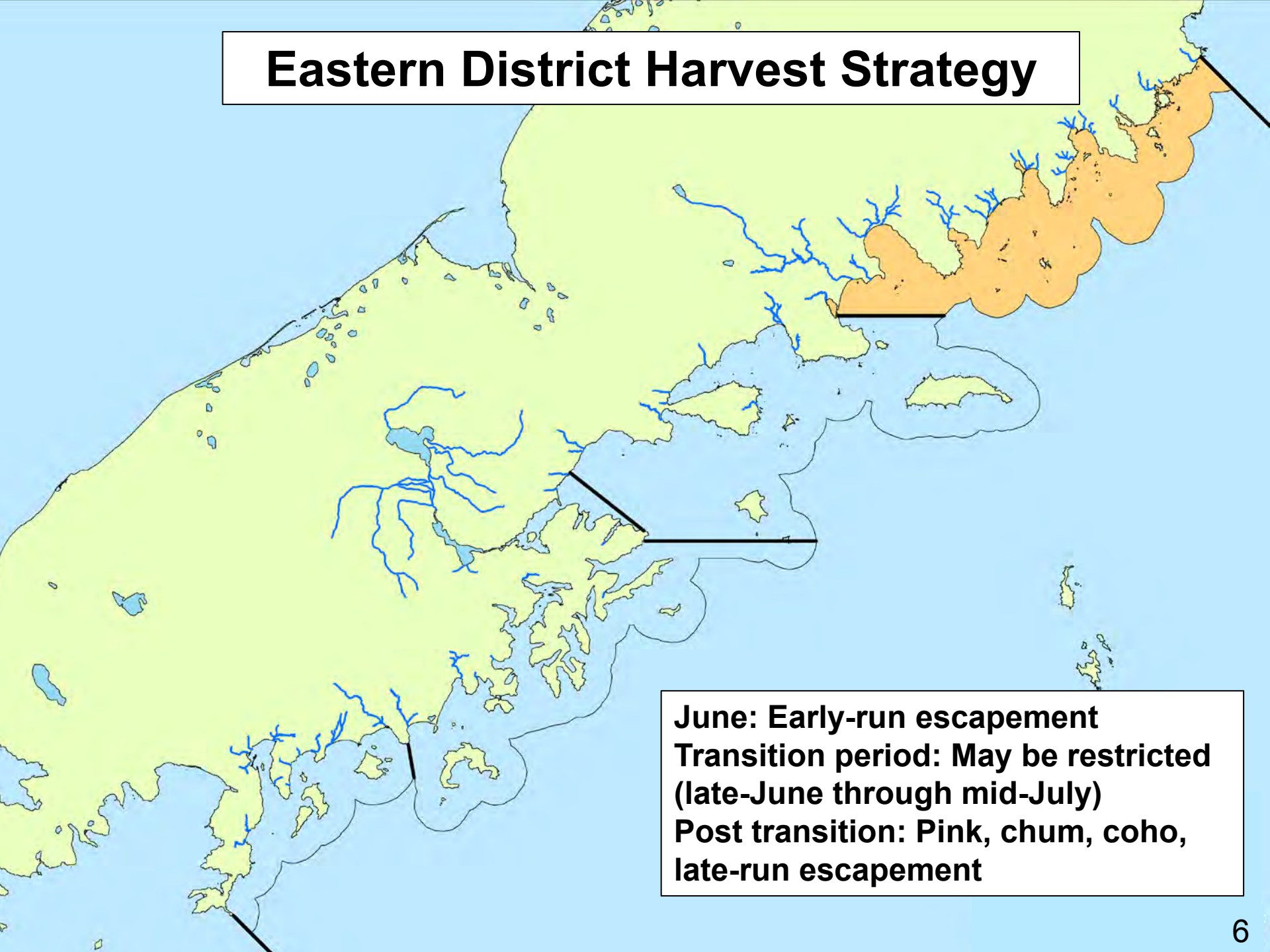


Chignik Management Area Salmon Fishery

Chignik Salmon Management Plan (1999; 5 AAC 15.357)

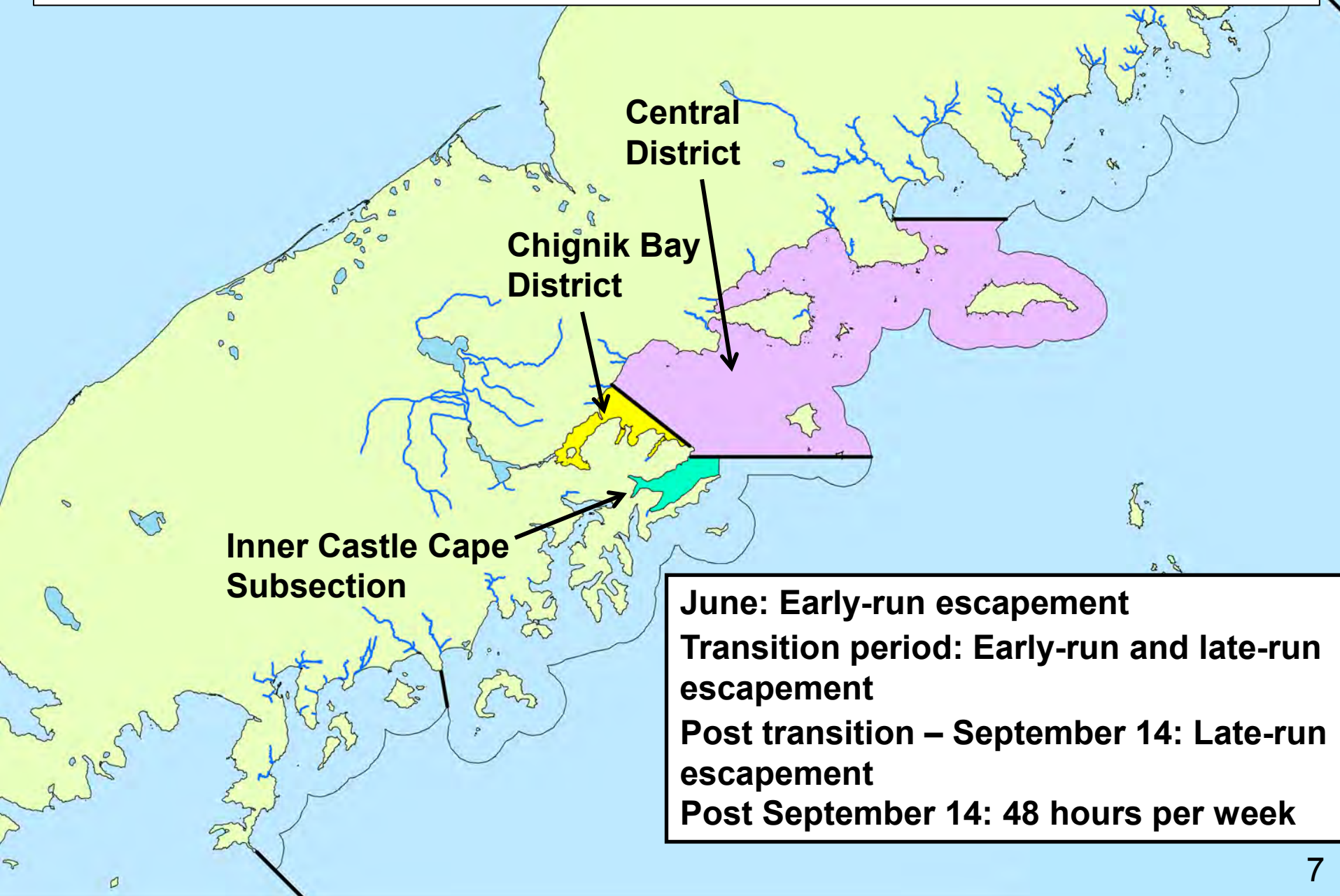
- In effect from June 1 through October 31
- Fishing periods established by emergency order (EO)
- Purse seine and hand purse seine gear
- Organized into districts or groups of districts
 - Eastern District
 - Chignik Bay and Central districts
 - Western and Perryville districts

Eastern District Harvest Strategy

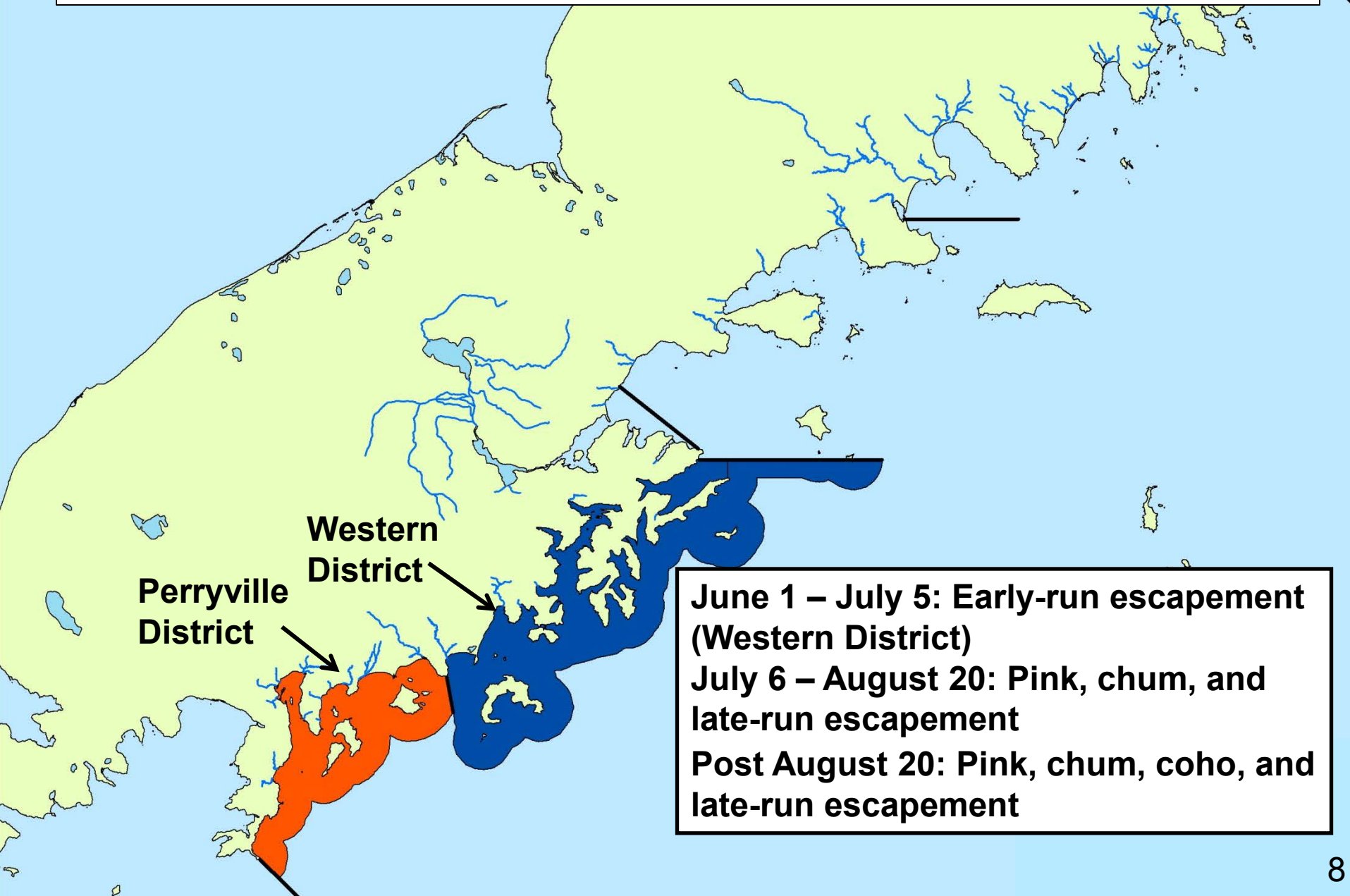


June: Early-run escapement
Transition period: May be restricted
(late-June through mid-July)
Post transition: Pink, chum, coho,
late-run escapement

Chignik Bay and Central Districts Harvest Strategy



Western and Perryville Districts Harvest Strategy



Chignik Management Area Salmon Fishery

Chignik River Sockeye Salmon Escapement Goals

Early-run BEG: 350,000 – 450,000

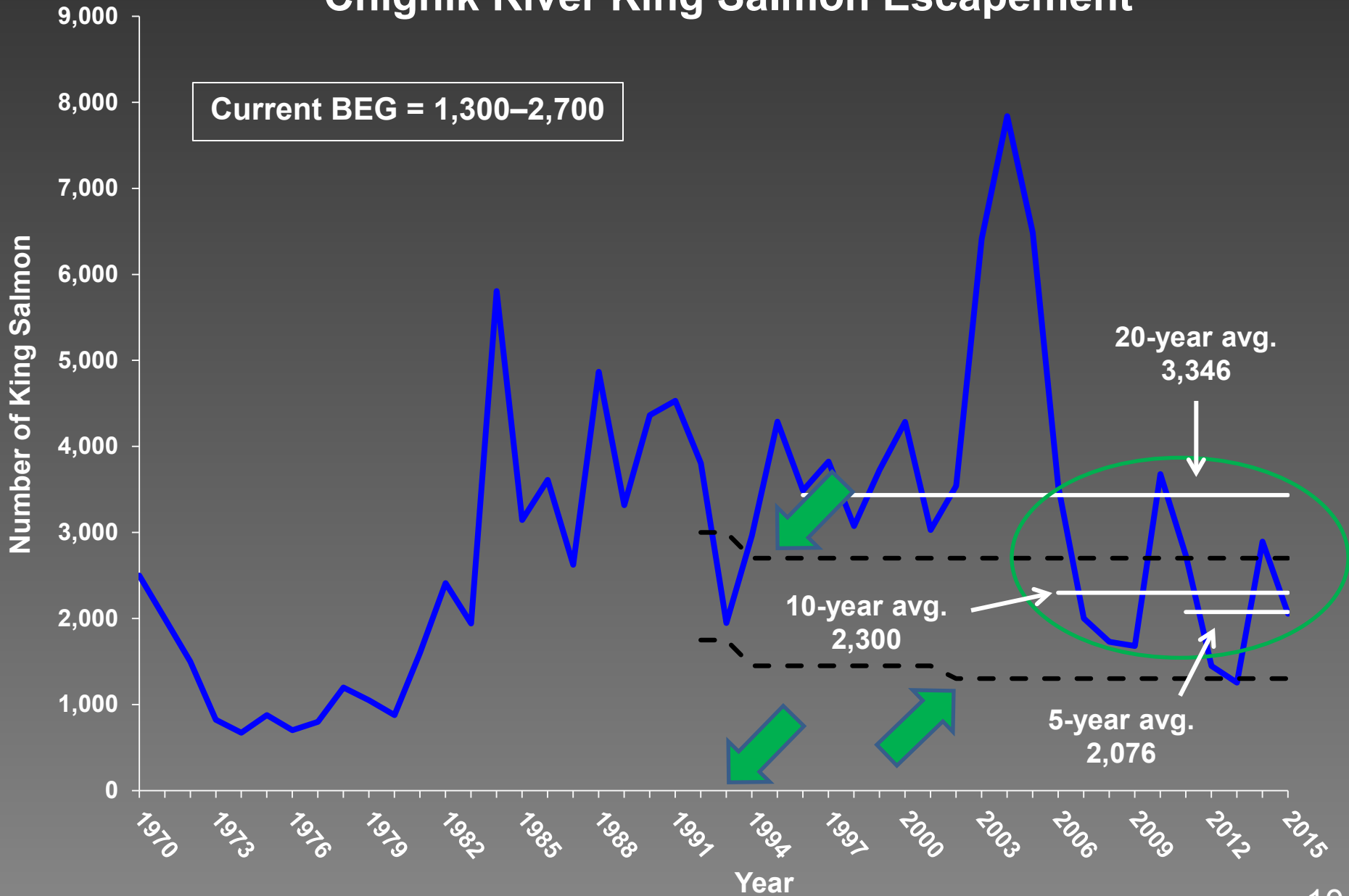
Late-run SEG: 200,000 – 400,000

Inriver Run Goal (IRRG)

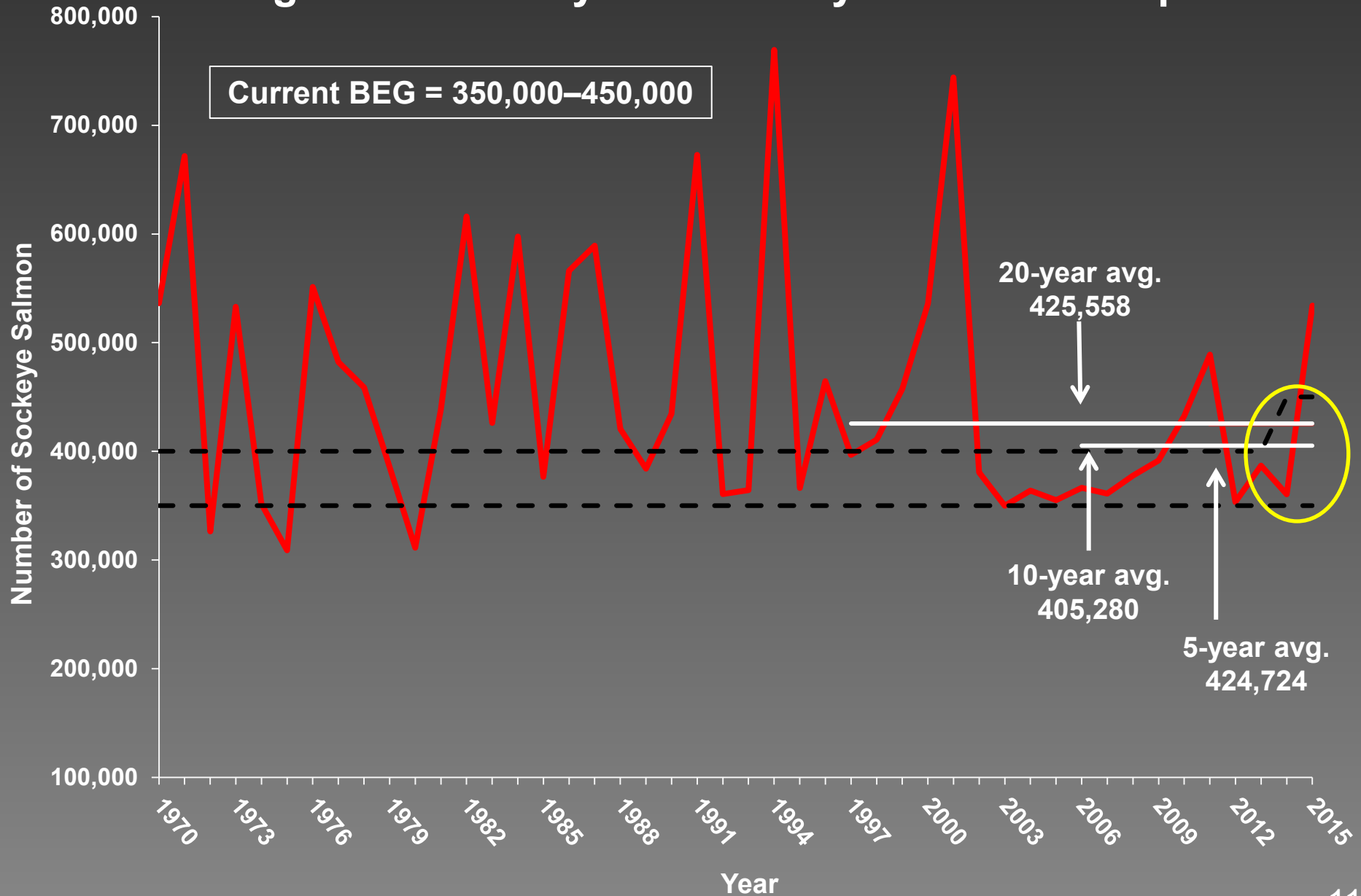
- 50,000 sockeye salmon in addition to late run escapement objectives to provide for late season subsistence needs
- 25,000 of the IRRG sockeye salmon in August
- 25,000 of the IRRG sockeye salmon September 1–15

Late-run SEG + IRRG = 250,000 – 400,000

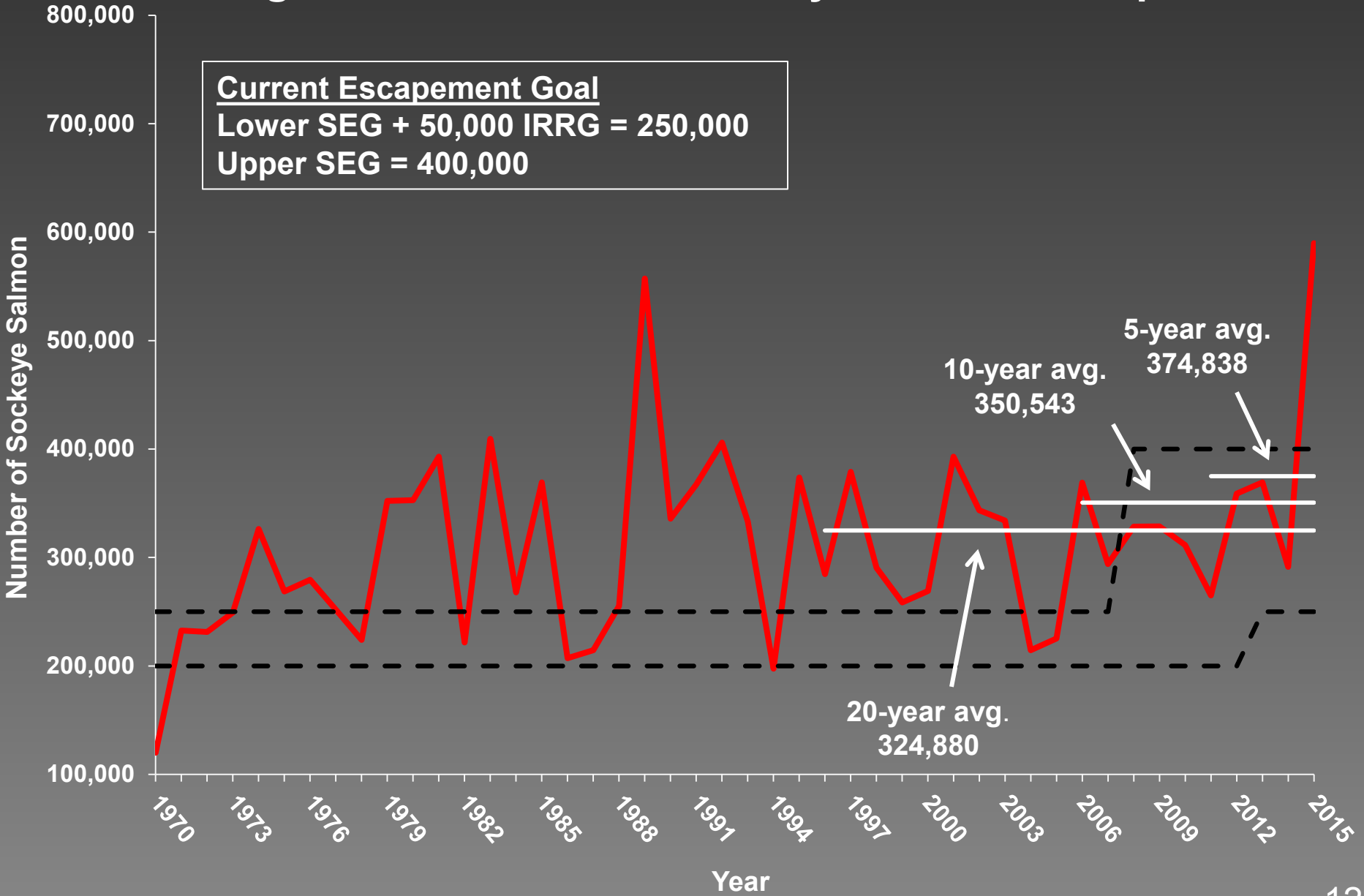
Chignik River King Salmon Escapement



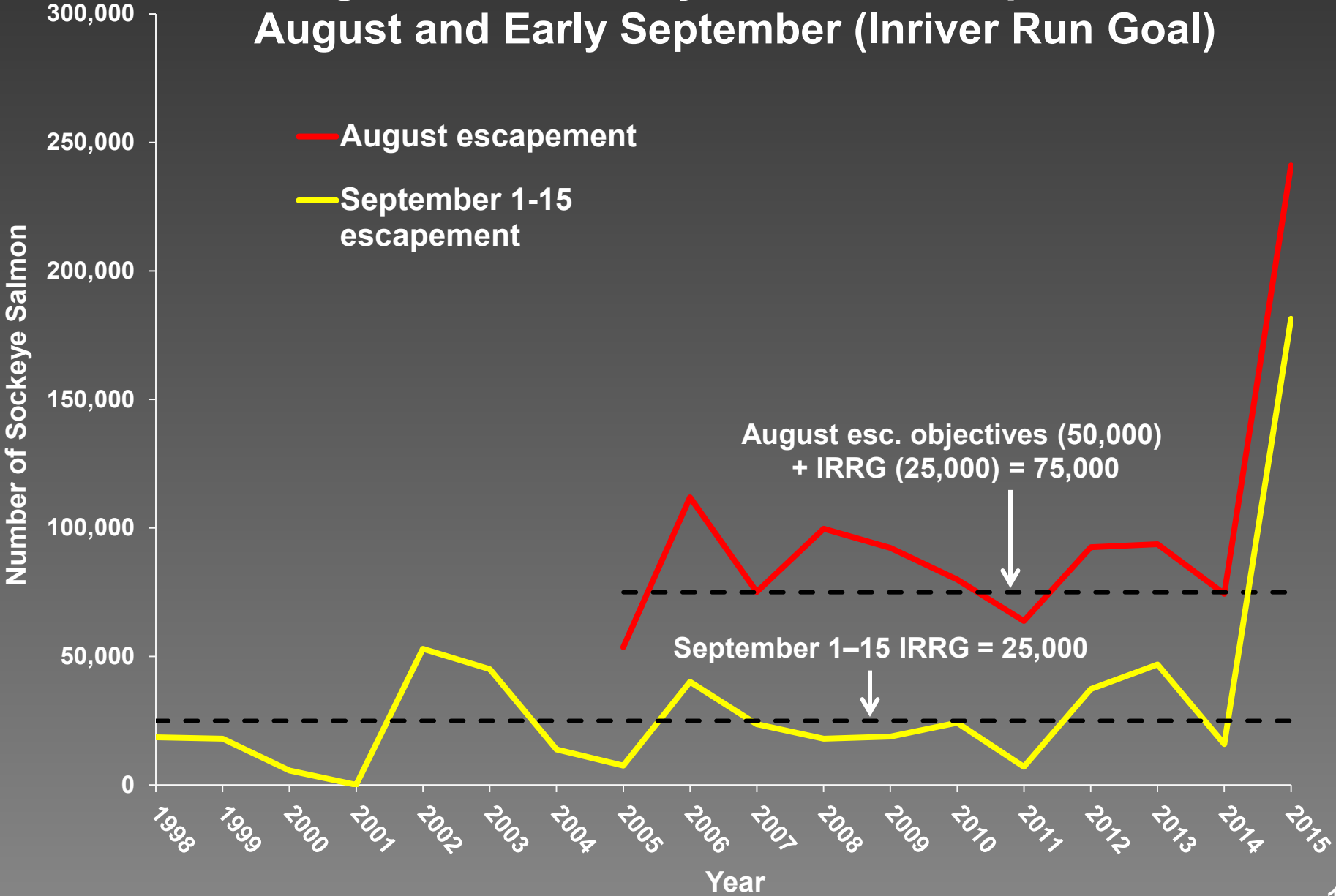
Chignik River Early-Run Sockeye Salmon Escapement



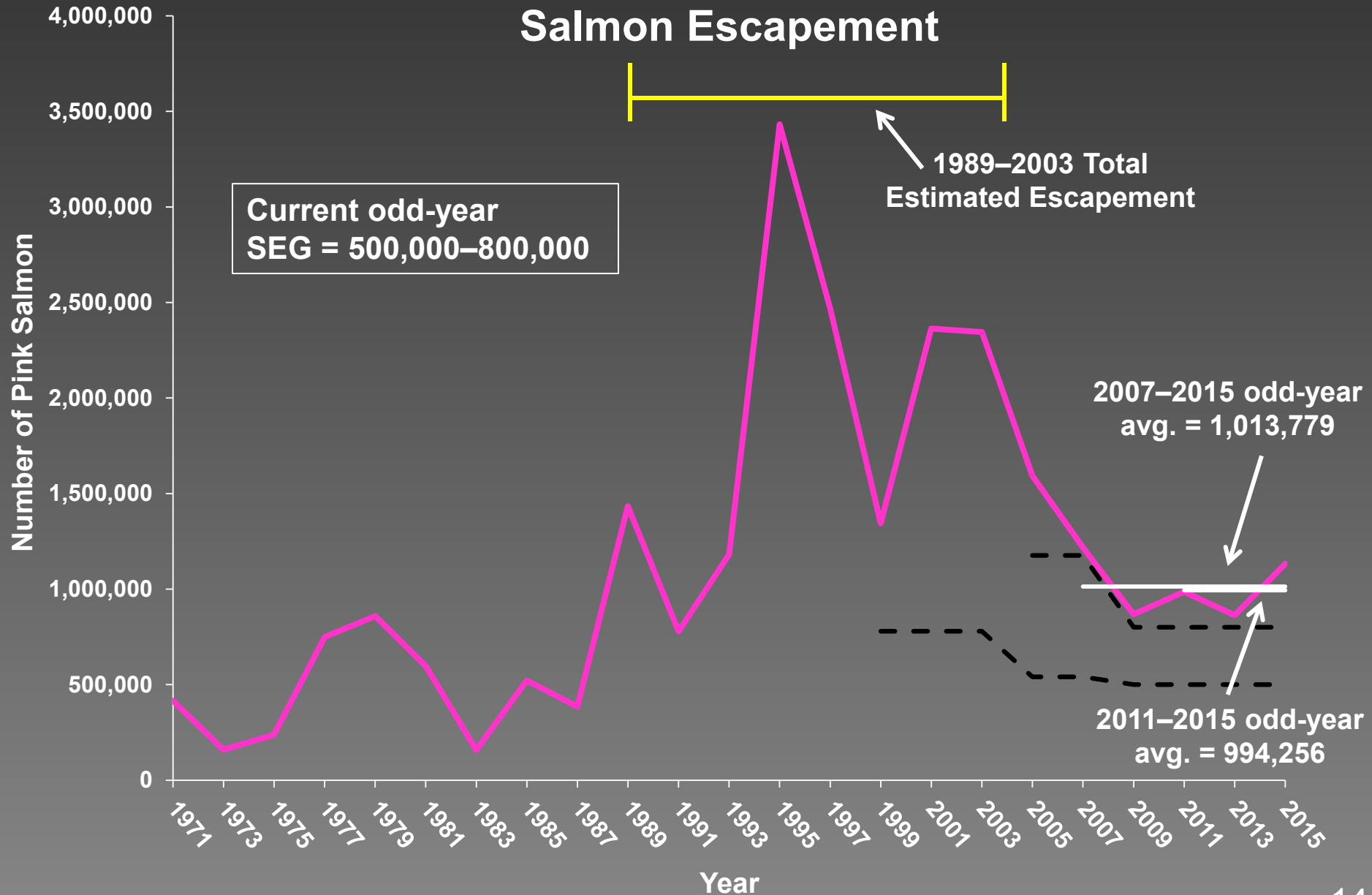
Chignik River Late-Run Sockeye Salmon Escapement



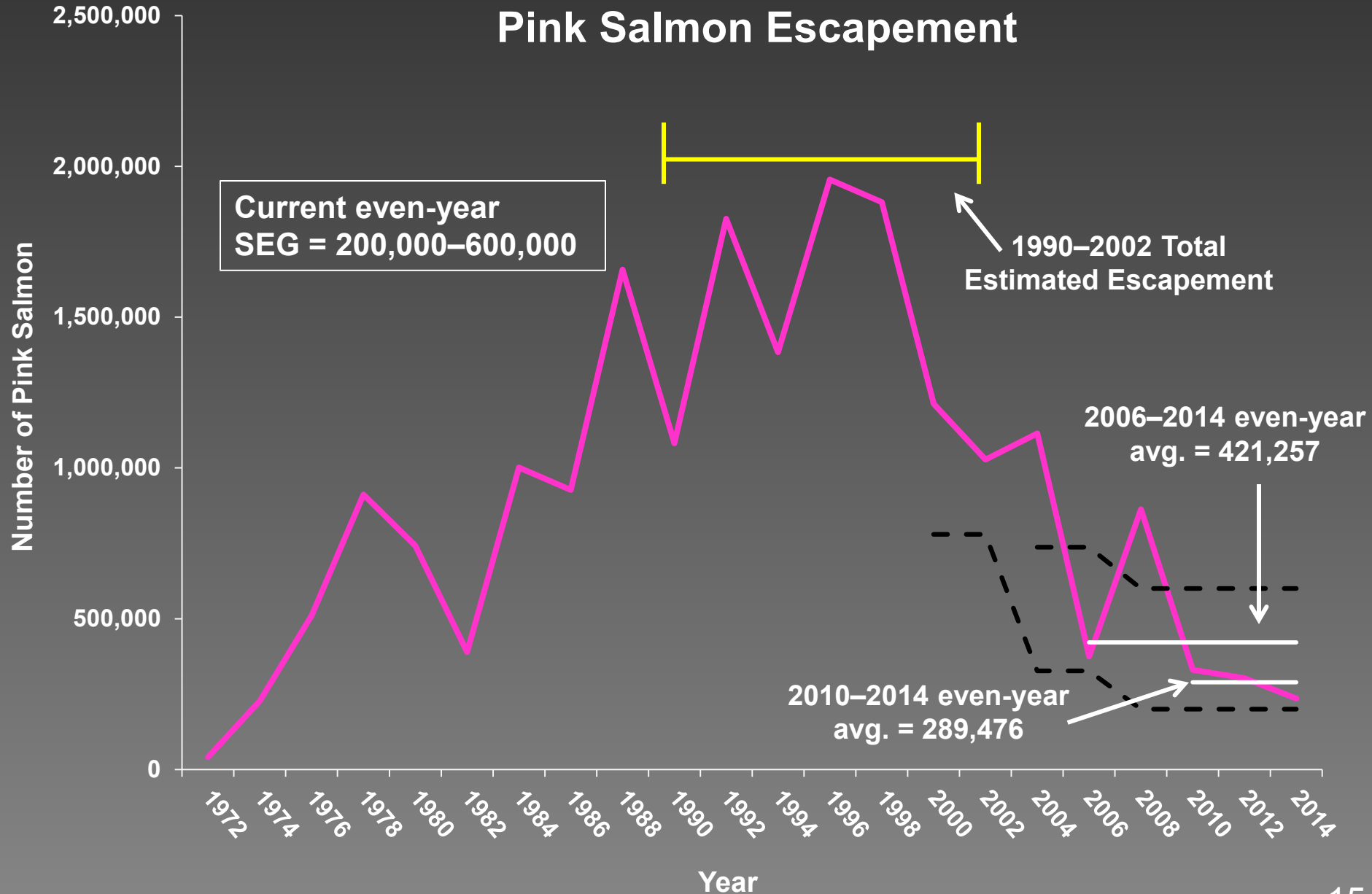
Chignik River Sockeye Salmon Escapement in August and Early September (Inriver Run Goal)



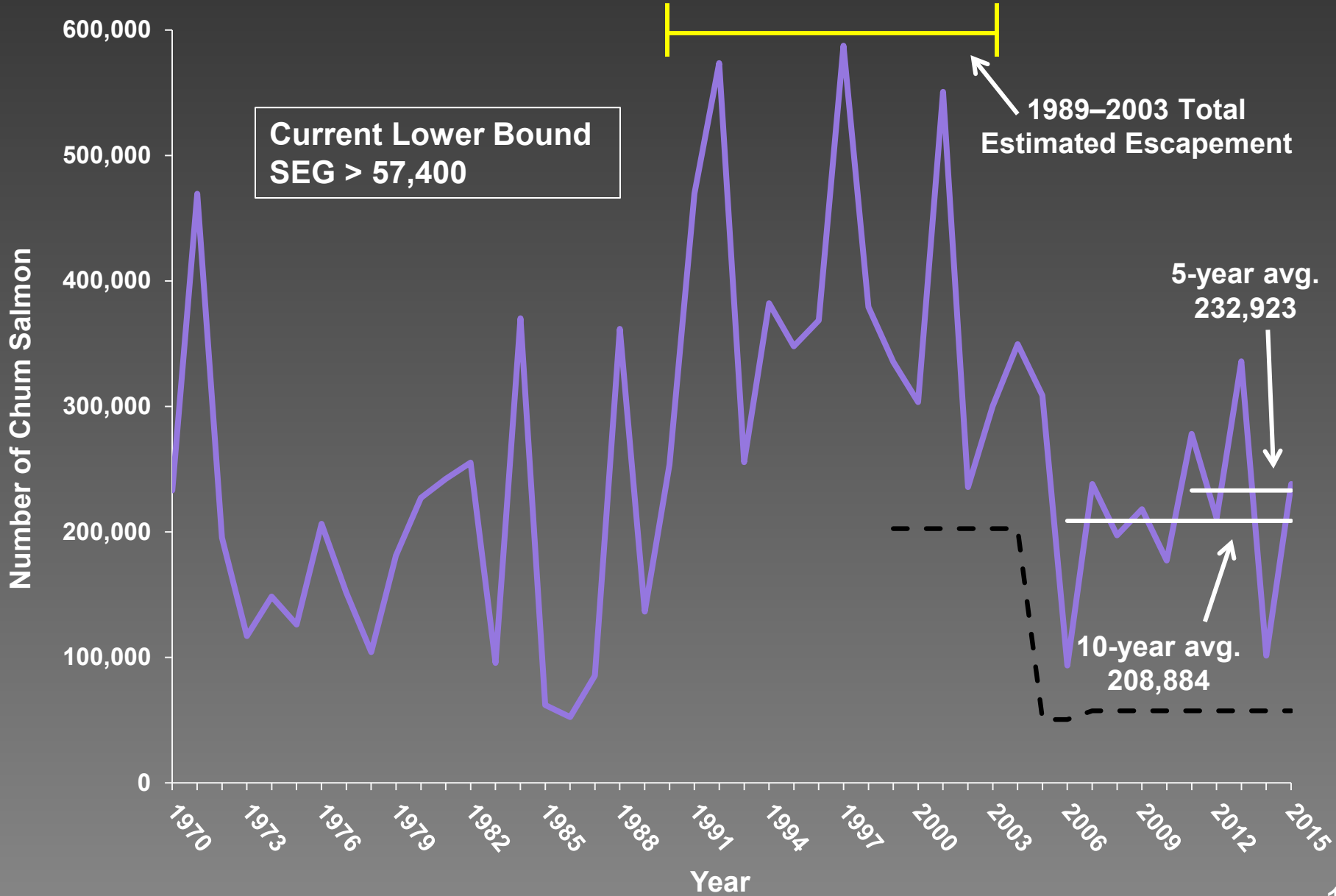
Chignik Management Area Odd-year Peak Pink Salmon Escapement



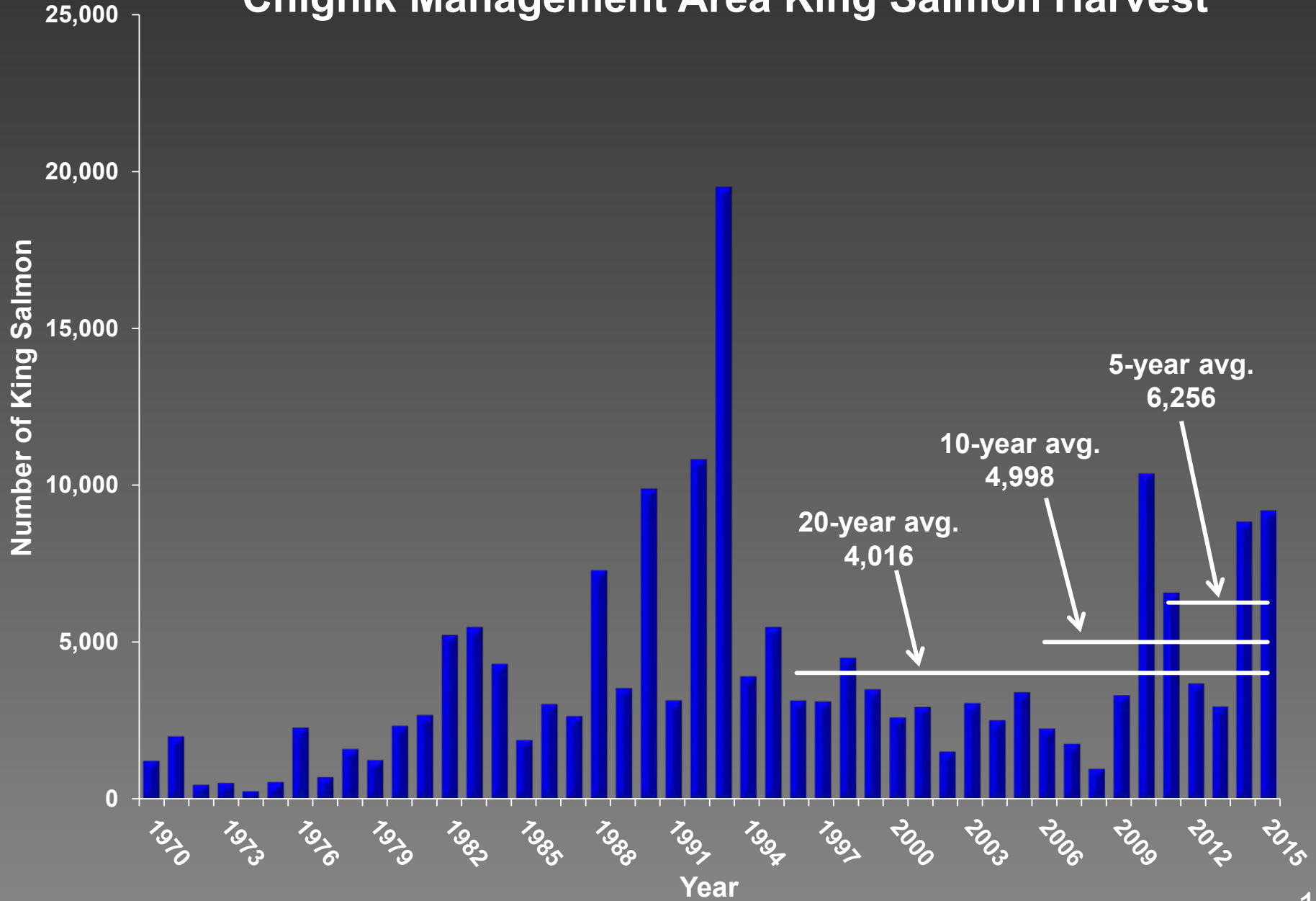
Chignik Management Area Even-year Peak Pink Salmon Escapement



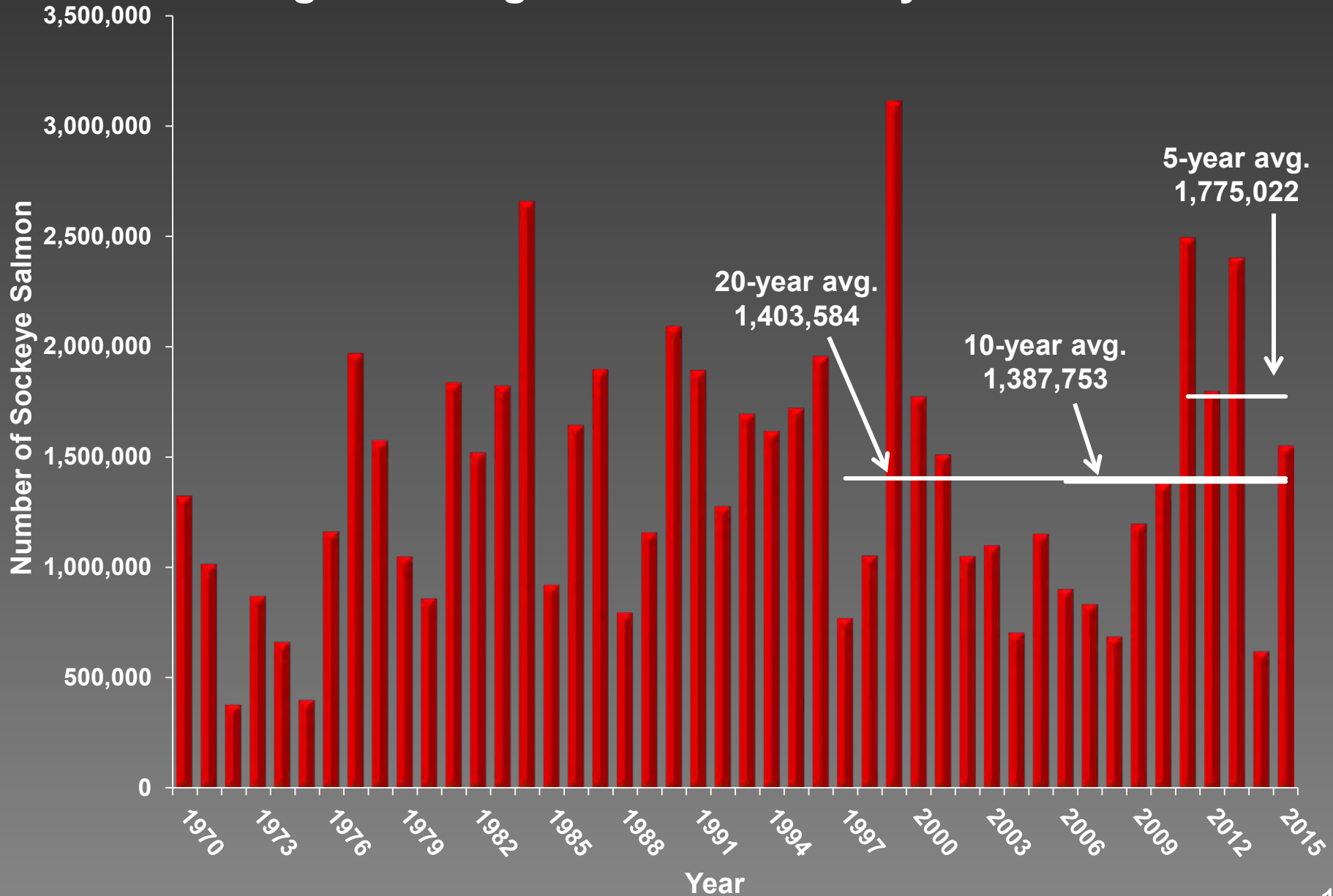
Chignik Management Area Peak Chum Salmon Escapement



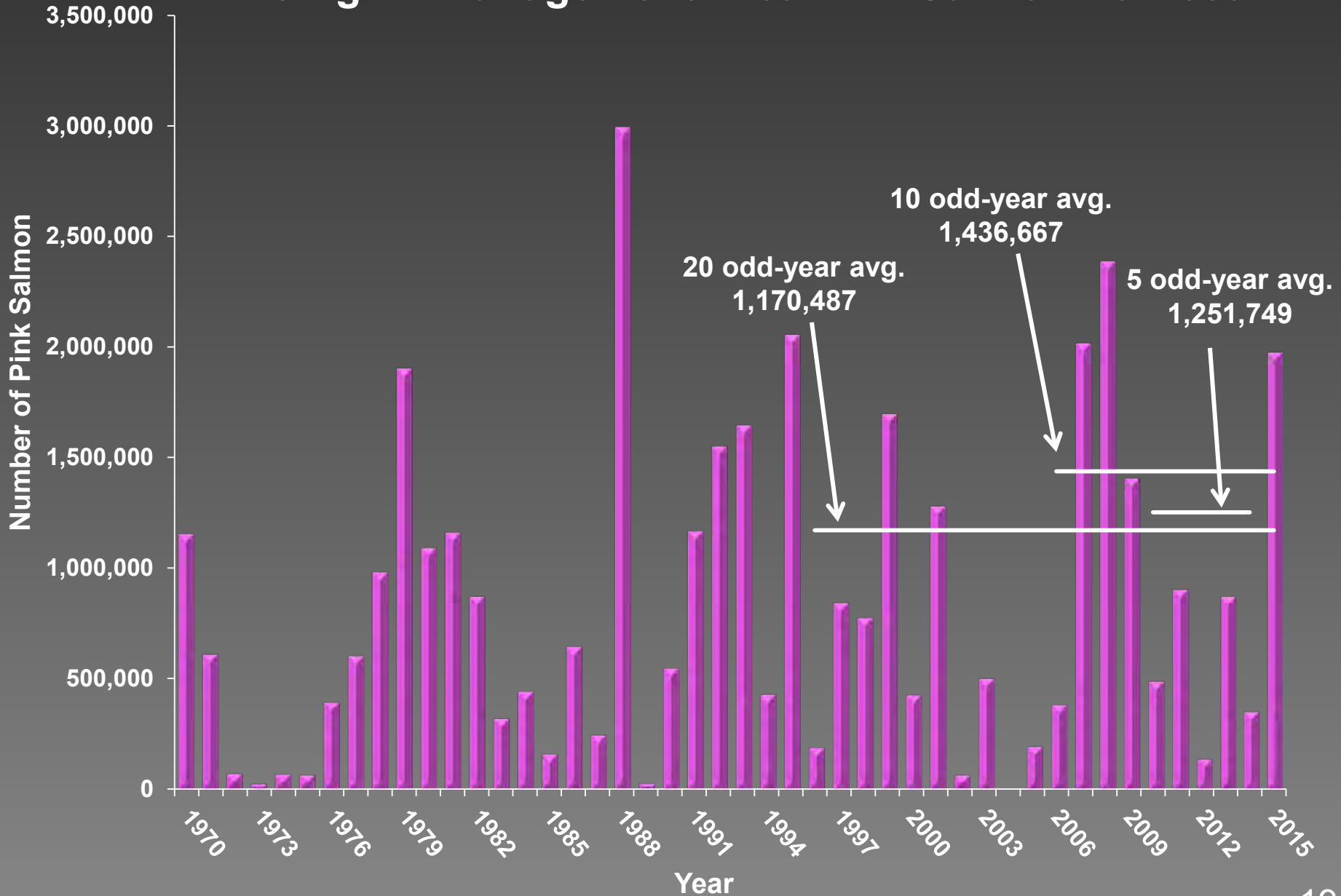
Chignik Management Area King Salmon Harvest



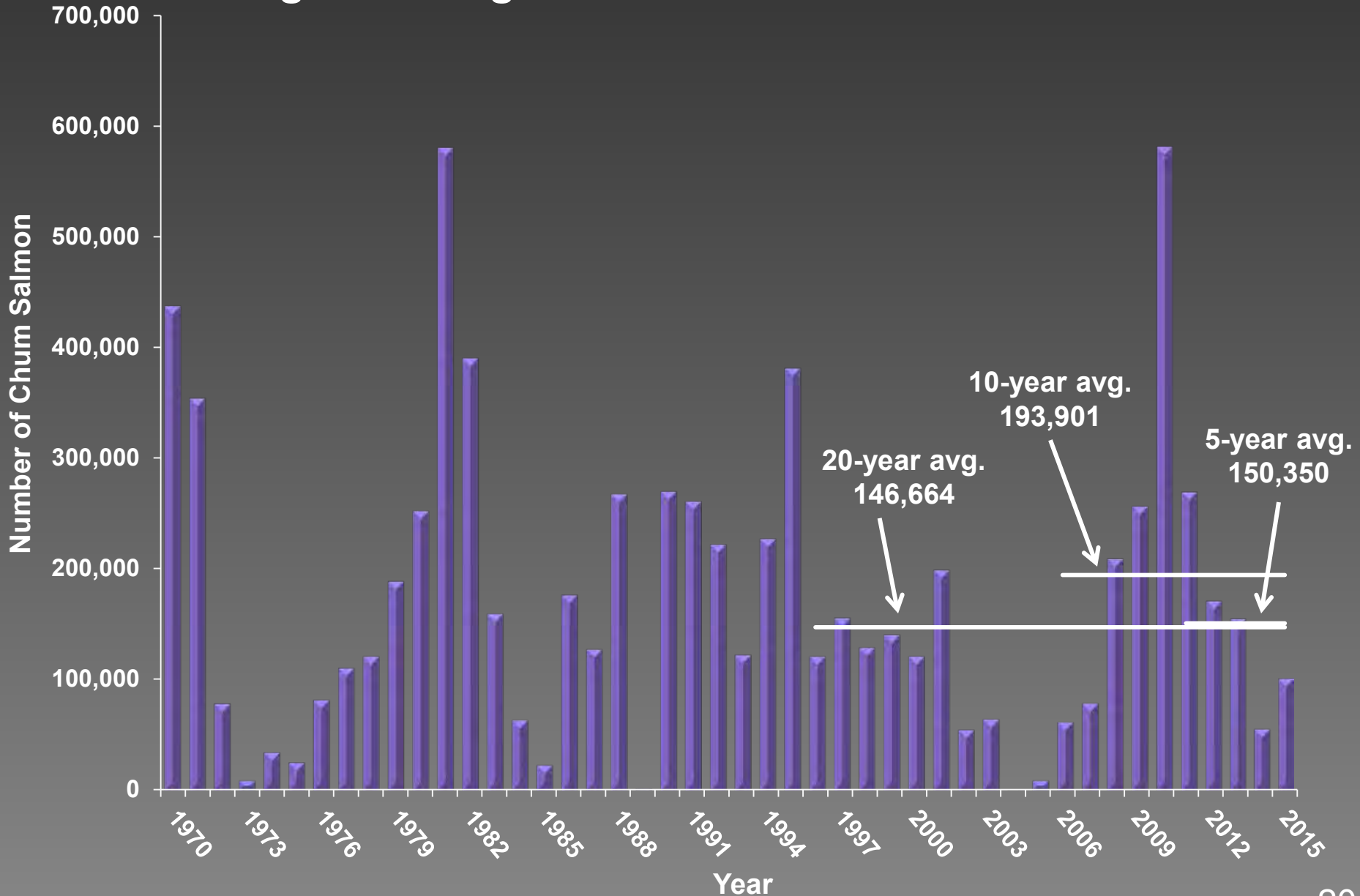
Chignik Management Area Sockeye Salmon Harvest



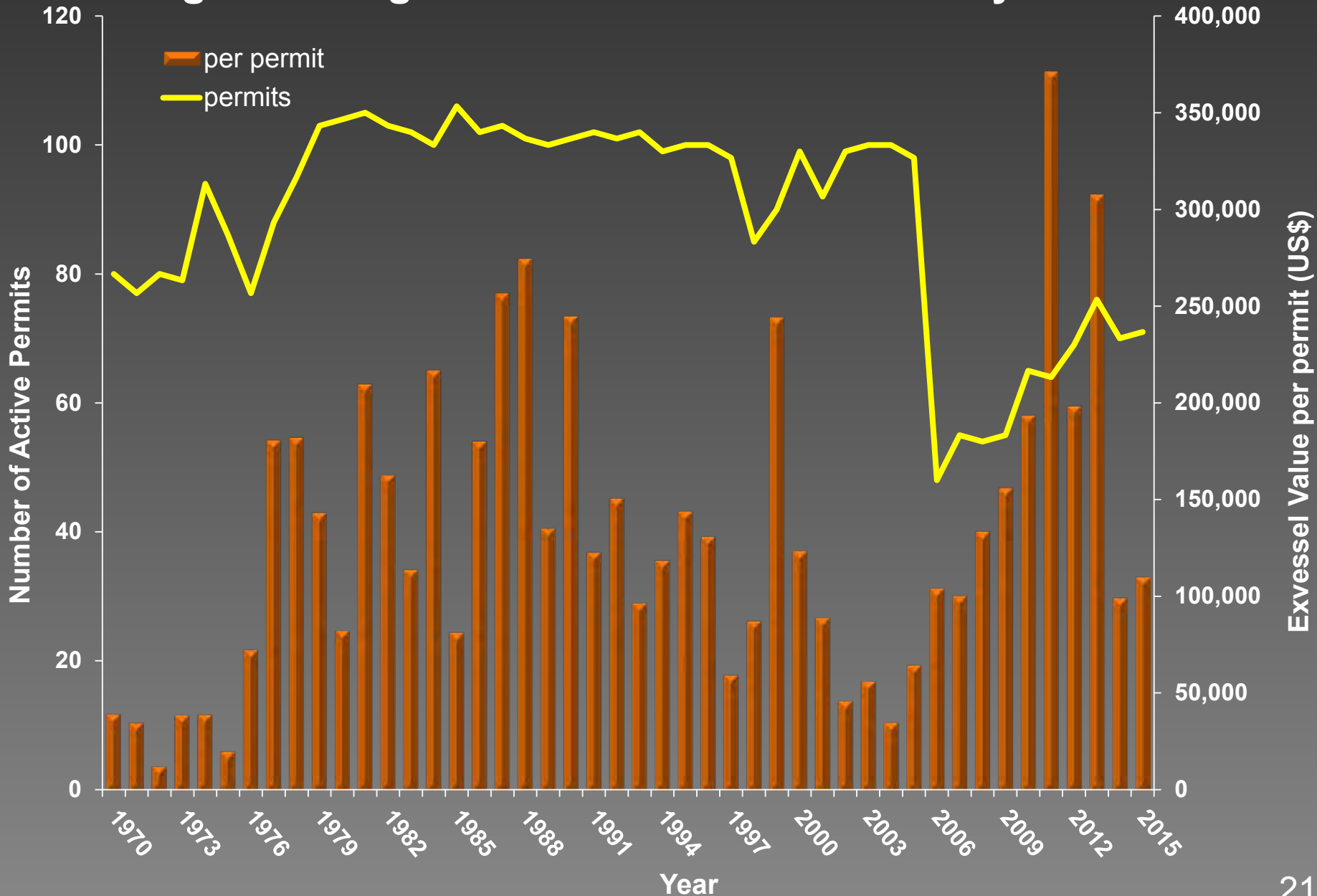
Chignik Management Area Pink Salmon Harvest



Chignik Management Area Chum Salmon Harvest



Chignik Management Area Exvessel Value by Permit



Chignik Management Area 2013–2015 Season Summary

Year	No. of Permits	Number of Salmon Harvested					Exvessel Value (millions)
		King	Sockeye	Coho	Pink	Chum	
2013	77	2,959	2,405,151	32,312	871,871	154,965	\$23.3
2014	71	8,846	620,339	132,459	352,115	55,152	\$7.0
2015	72	9,204	1,552,495	82,054	1,978,211	101,017	\$7.8
Average	73	7,003	1,525,995	82,275	1,067,399	103,711	\$12.7

2016 Chignik Area Salmon Management BOF Proposals

- Allow bycatch retention of Pacific cod in the CMA salmon seine fishery (Proposal 2)
- Increase the Chignik River sockeye salmon Inriver Run Goal (Proposal 172)
- Reduce closed waters (Proposal 173)
- Modify the Chignik Area Salmon Management Plan in the Western and Perryville districts (Proposal 174)
- Create a Chignik Pink Salmon Management Plan (Proposal 175)

