

Chignik Management Area Salmon Fishery

by

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Report to the Alaska Board of Fisheries

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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. Escapement, harvest, and value information
4. 2016–2018 season summaries
5. Summary of proposals



Black Lake (Early Run)

Chignik Lake (Late Run)

Cape Igvak

Area K

Kilokak Rocks

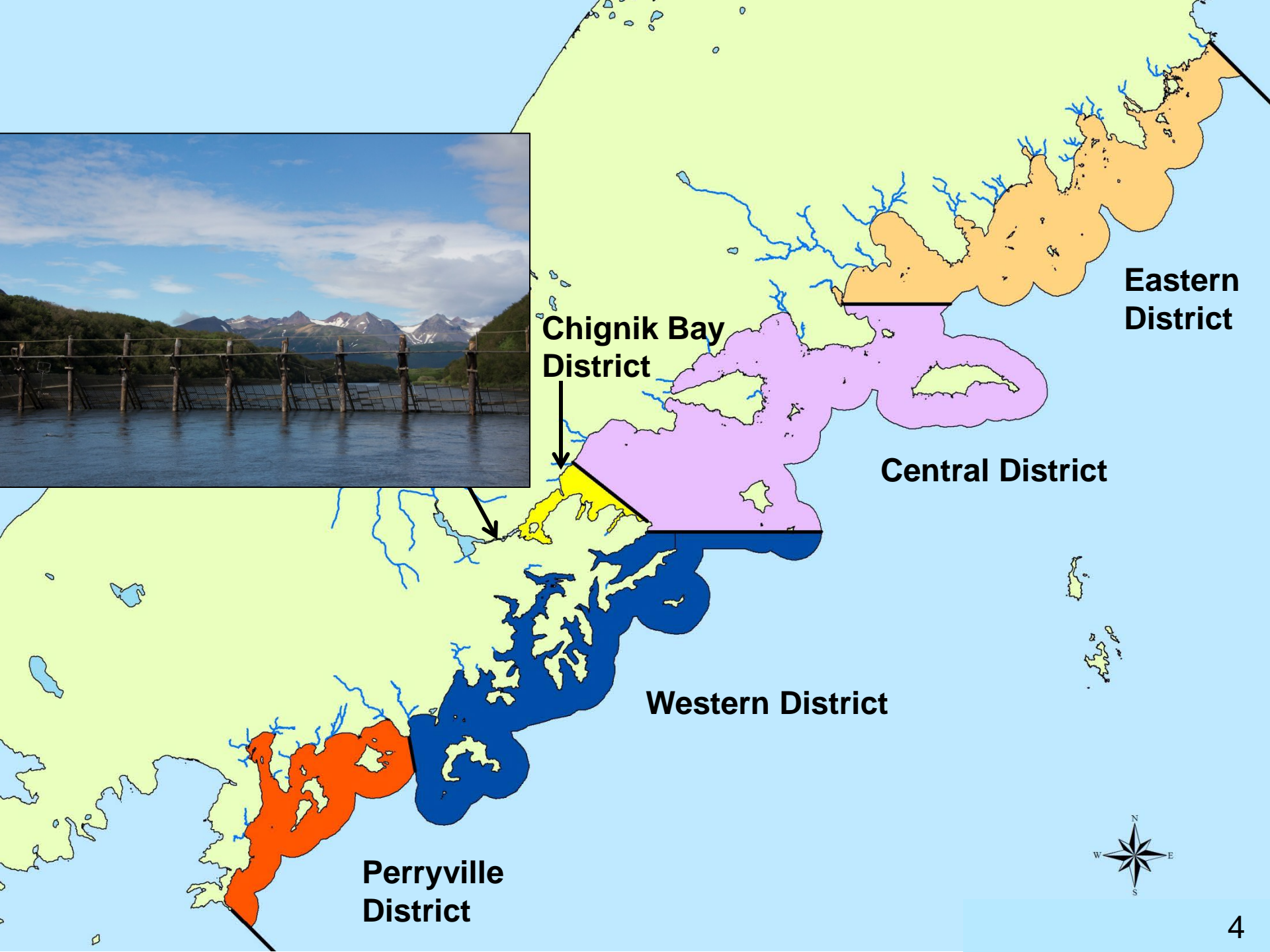
Area L

SEDM

Kupreanof Point

Area M





Eastern District

Chignik Bay District

Central District

Western District

Perryville District

Chignik Management Area Salmon Fishery

Chignik Salmon Management Plan (1999; 5 AAC 15.357)

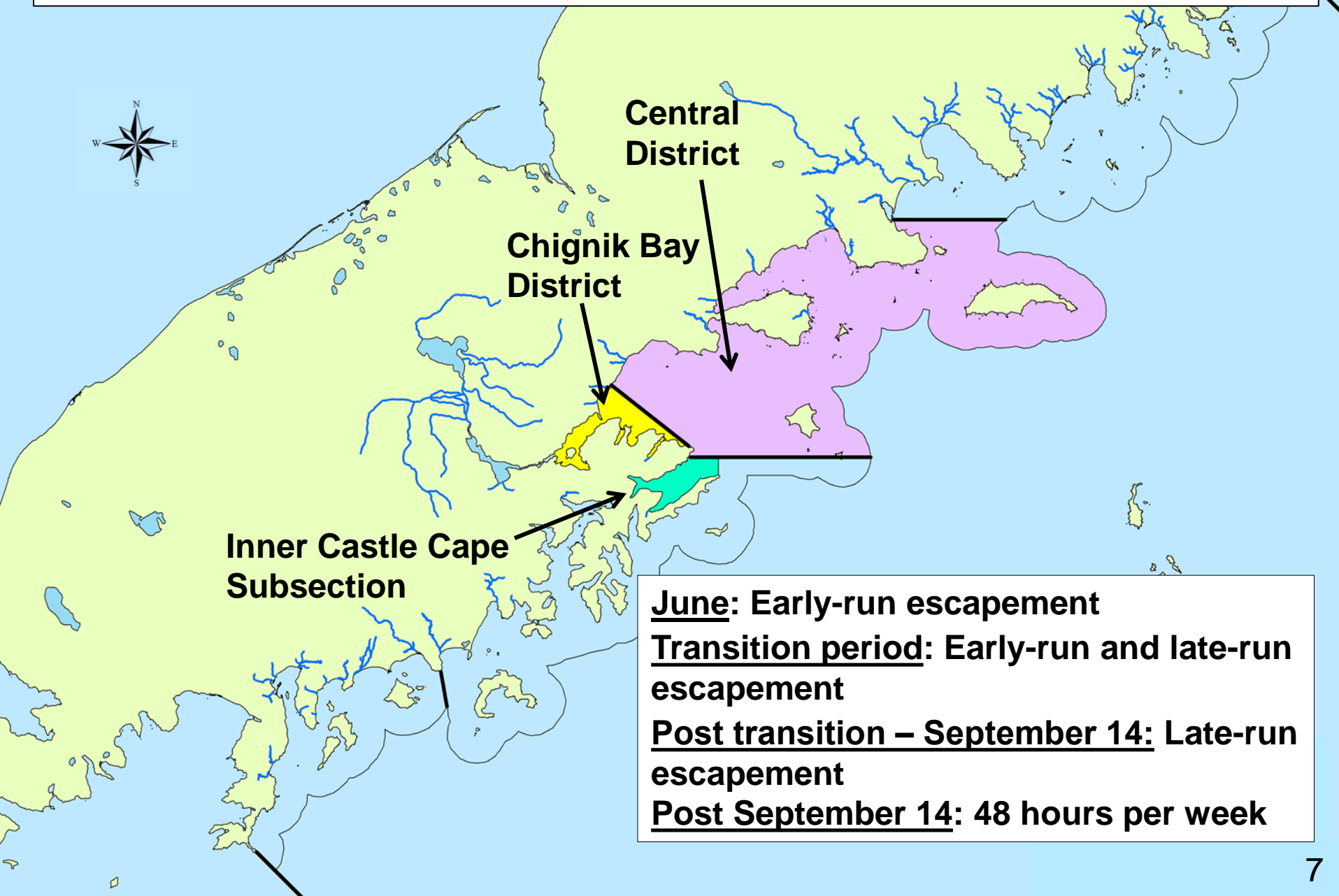
- In effect from June 1–October 31
- Fishing periods established by emergency order (EO)
- Purse seine and hand purse seine gear
- Organized into districts or groups of districts
 - Eastern District
 - Chignik Bay and Central districts
 - Western and Perryville districts

Eastern District Harvest Strategy

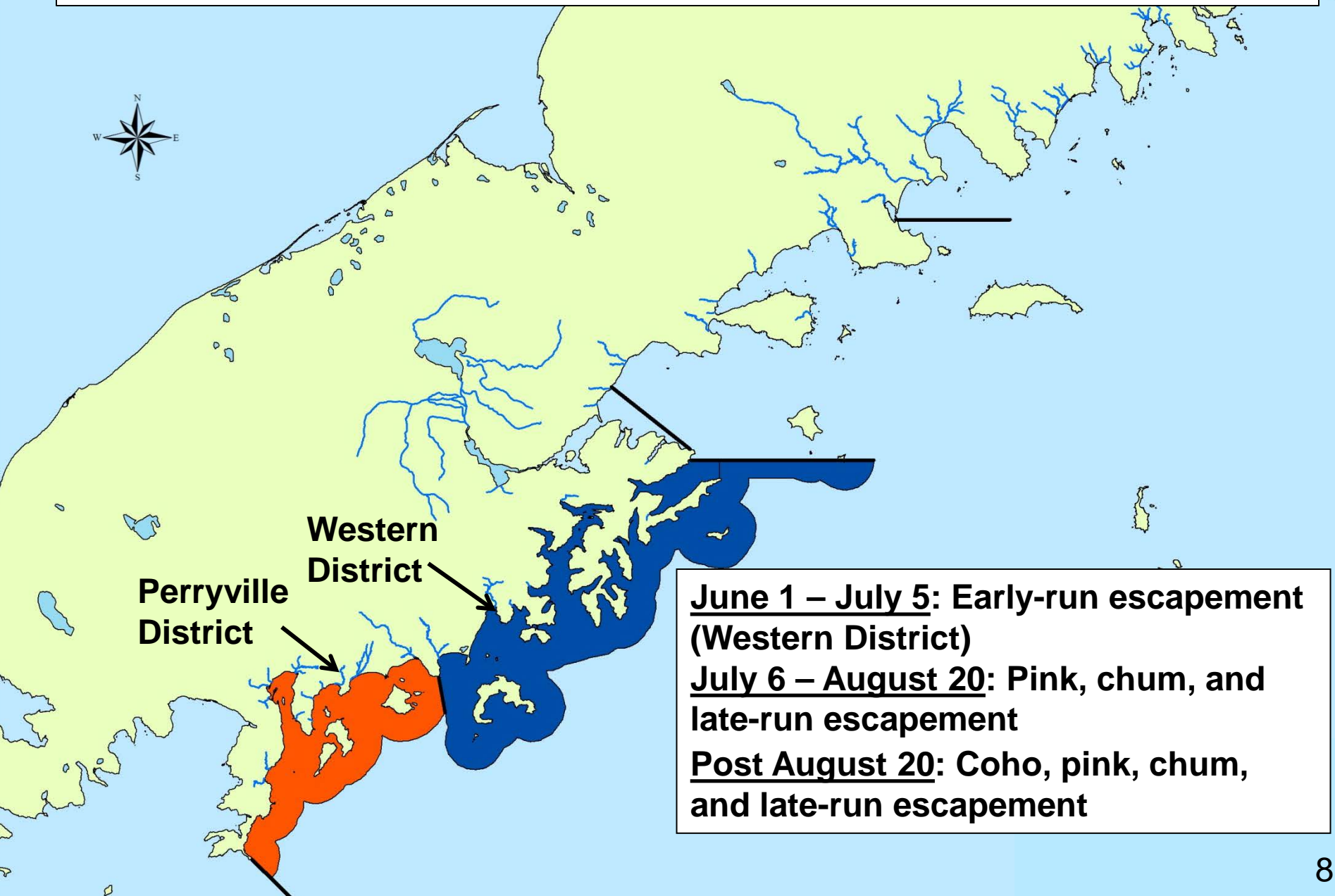


June: Early-run escapement
Transition period: May be restricted
(late-June through mid-July)
Post transition: Pink, chum, coho,
late-run escapement

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)

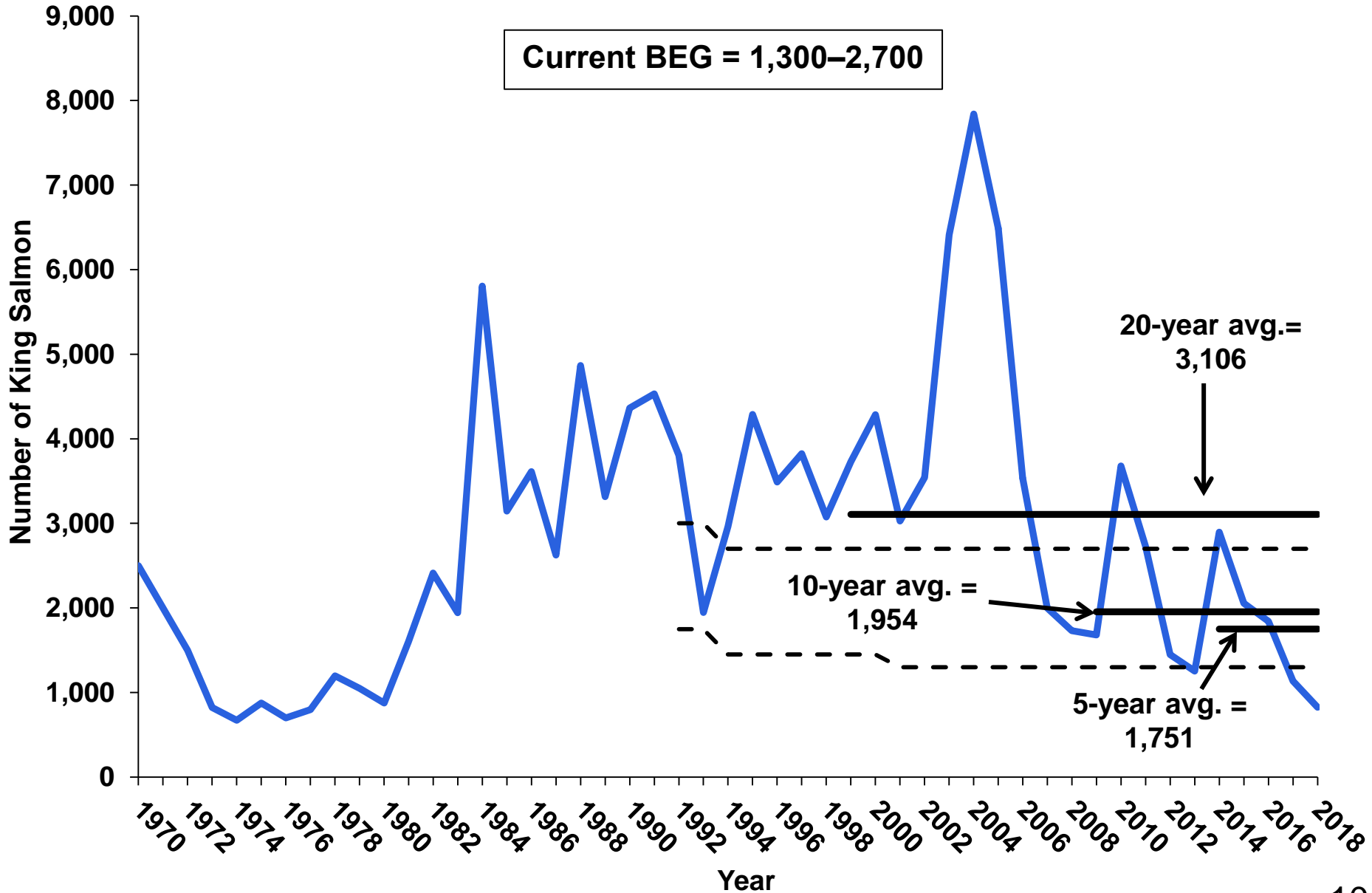
➤ 75,000 sockeye salmon in addition to late run escapement objectives to provide for late season subsistence needs

➤ 25,000 of the IRRG sockeye salmon in August

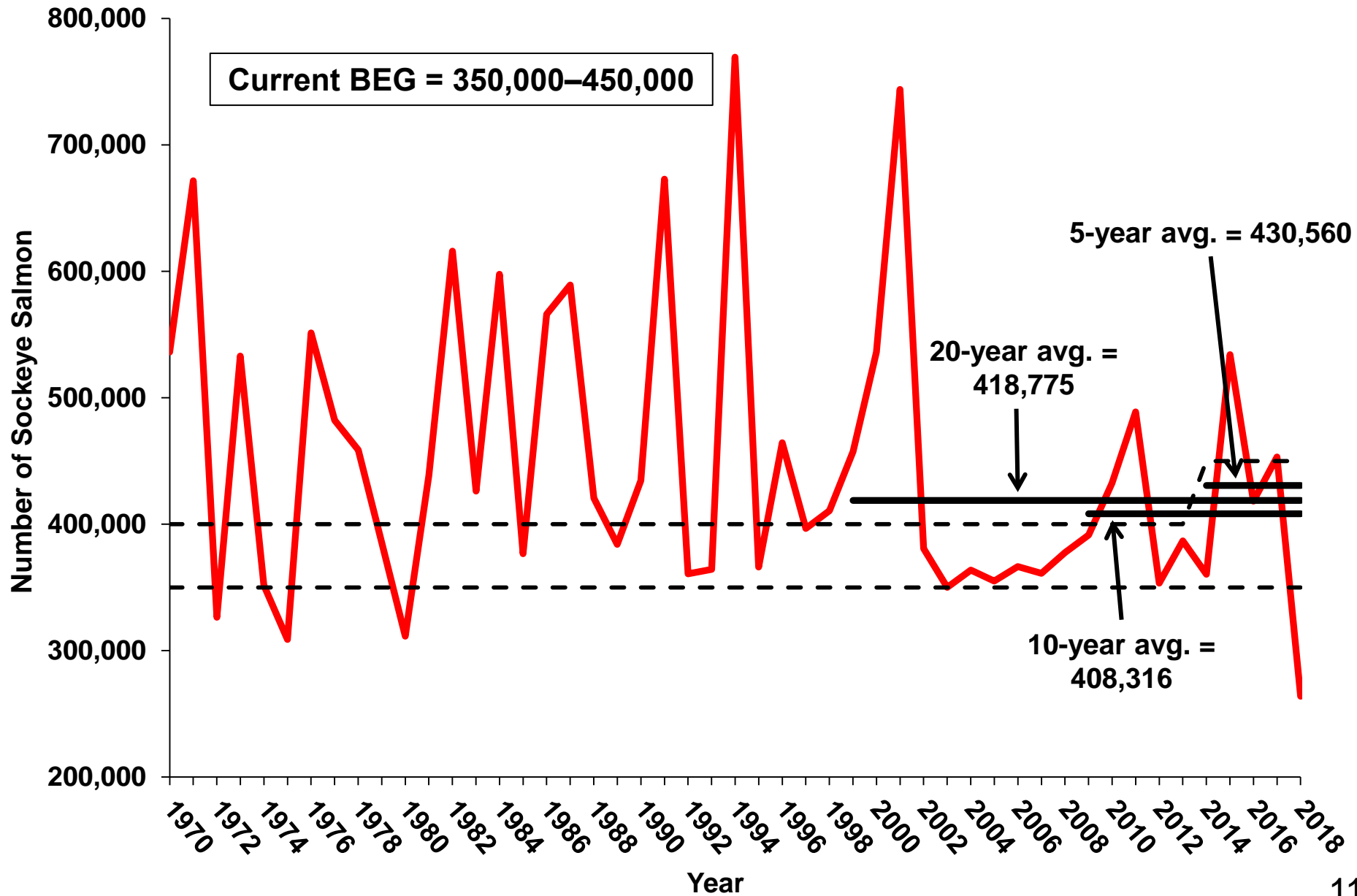
➤ 50,000 of the IRRG sockeye salmon in September

Late-run SEG + IRRG = 275,000–400,000

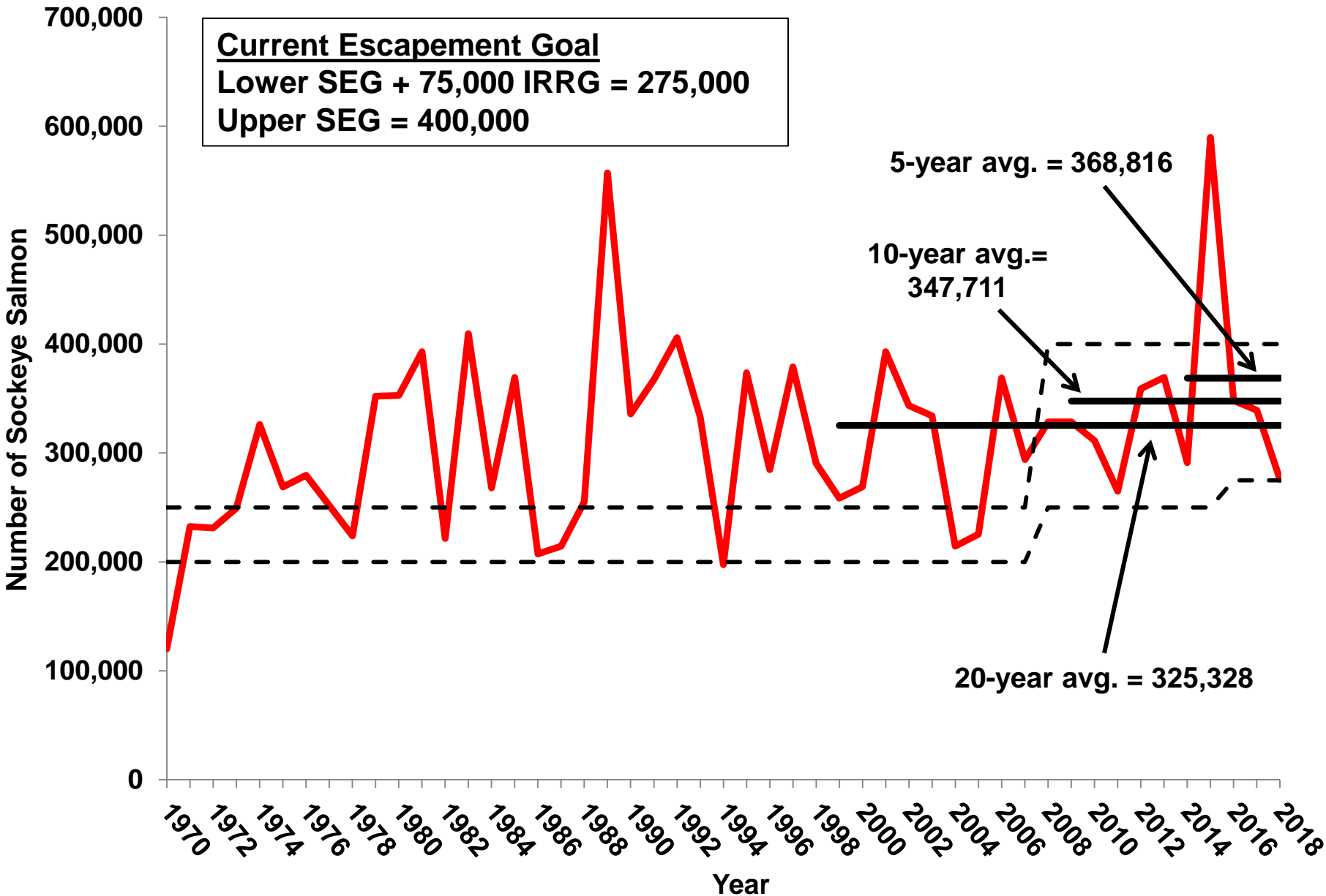
Chignik River King Salmon Escapement



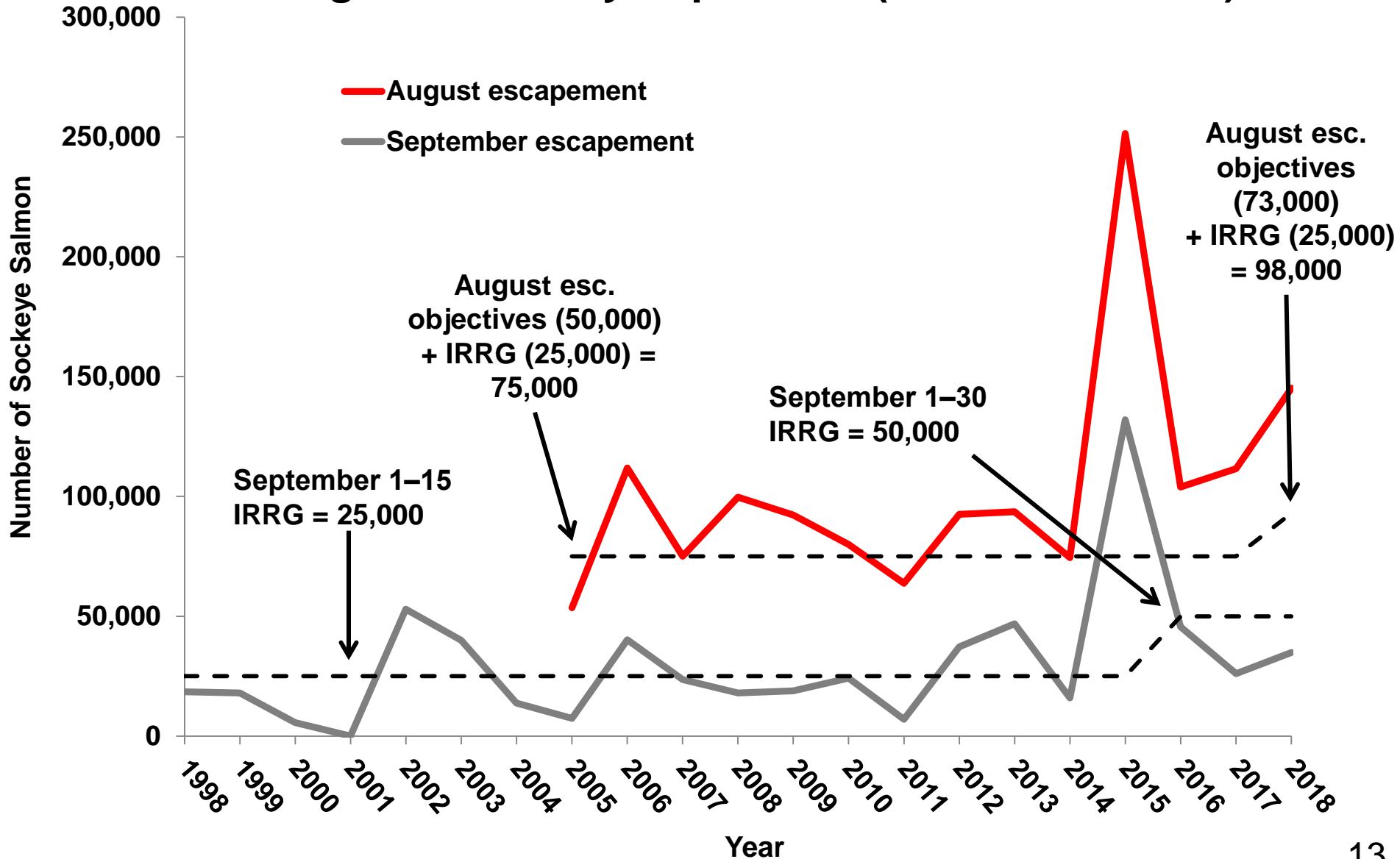
Chignik River Early-Run Sockeye Salmon Escapement



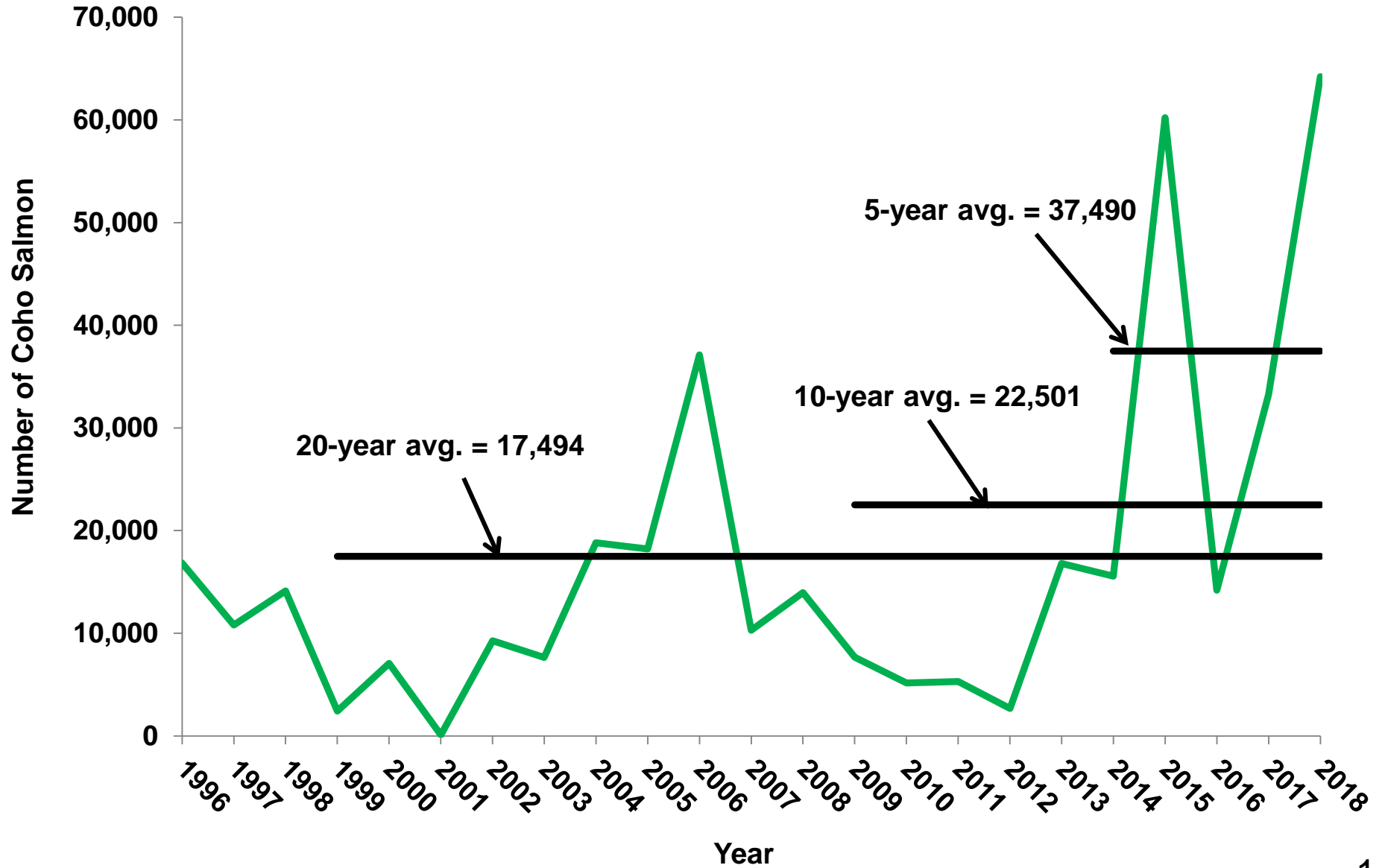
Chignik River Late-Run Sockeye Salmon Escapement



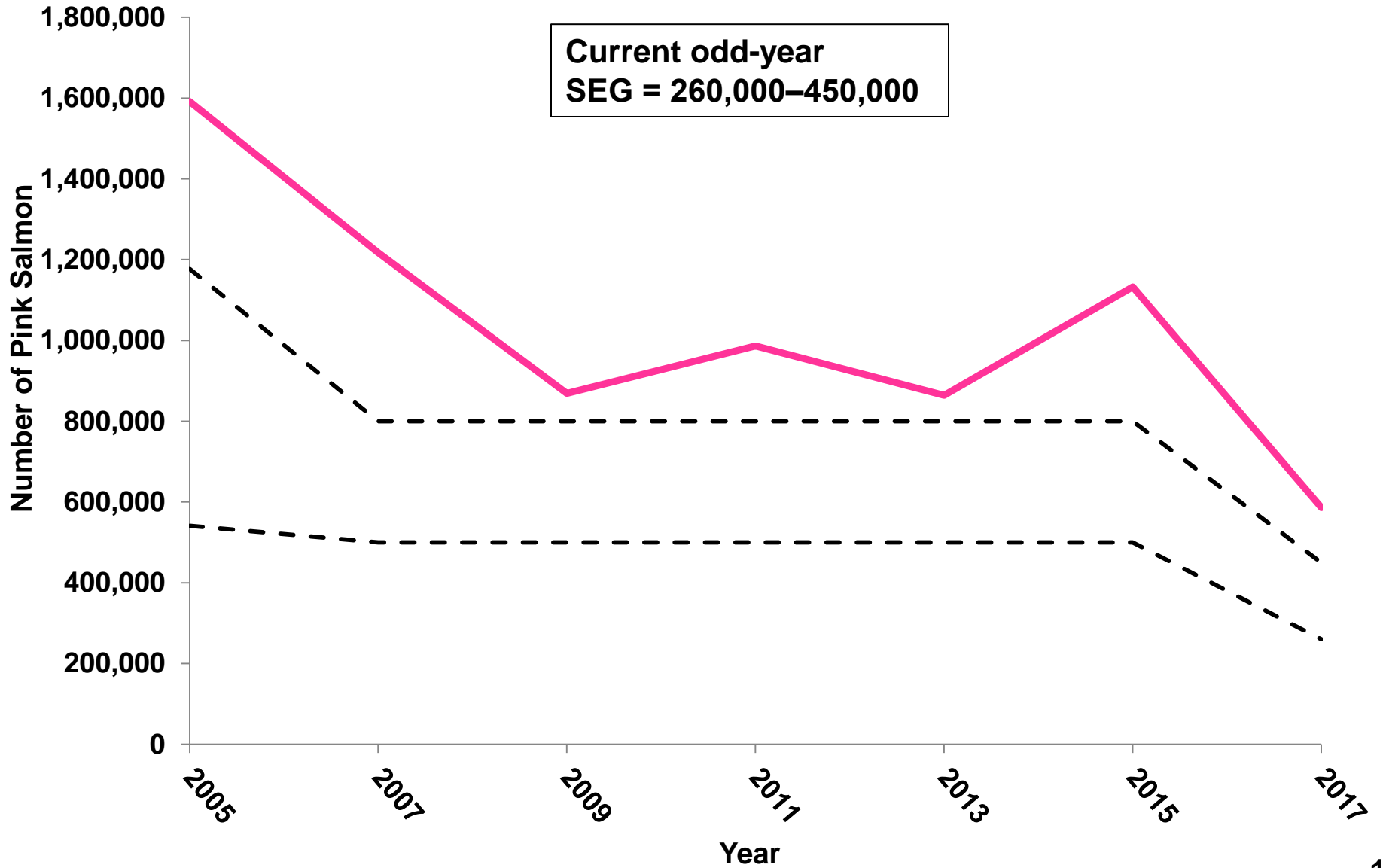
Chignik River Sockeye Salmon Escapement in August and Early September (Inriver Run Goal)



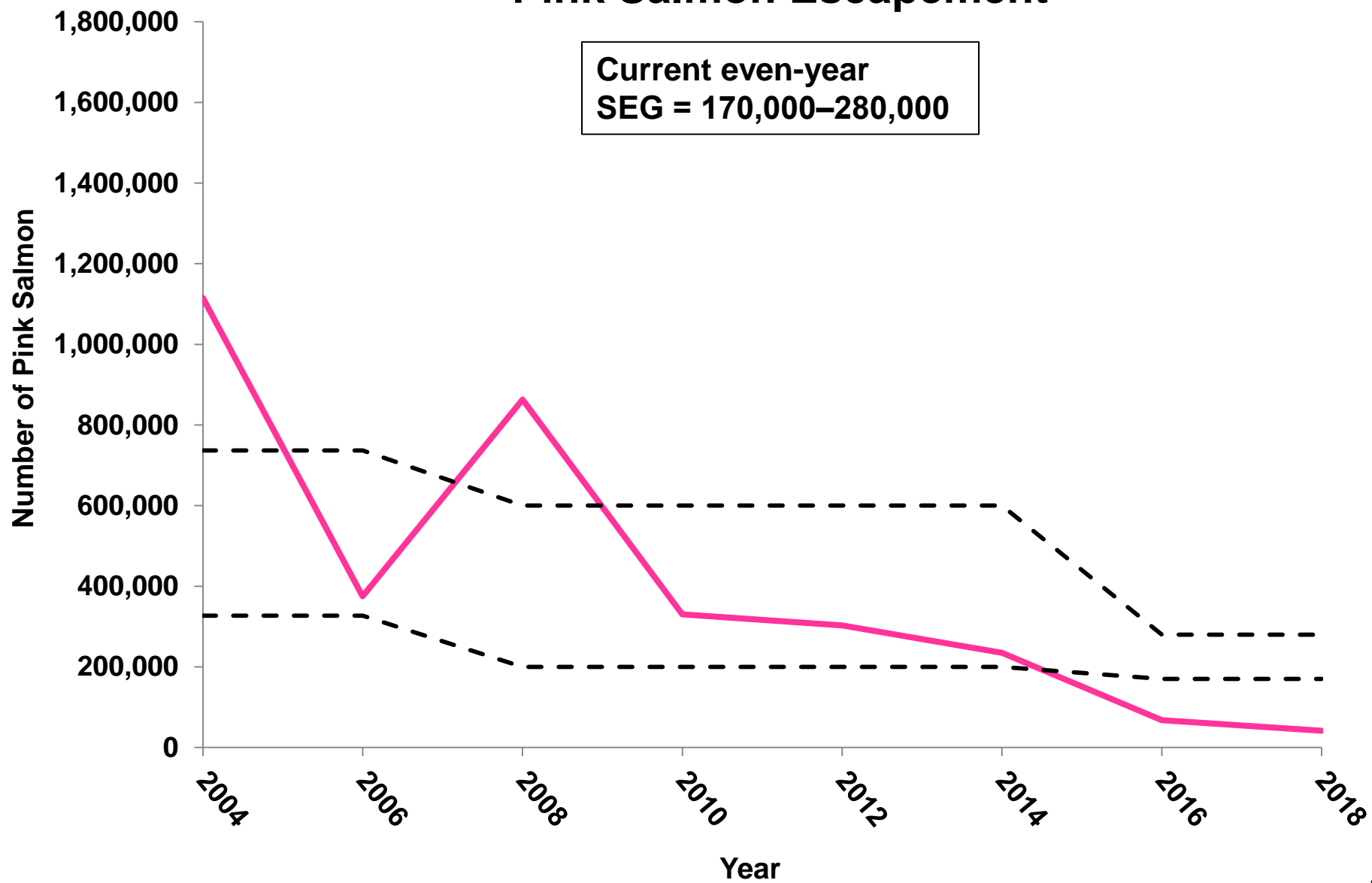
Chignik River Coho Salmon Escapement



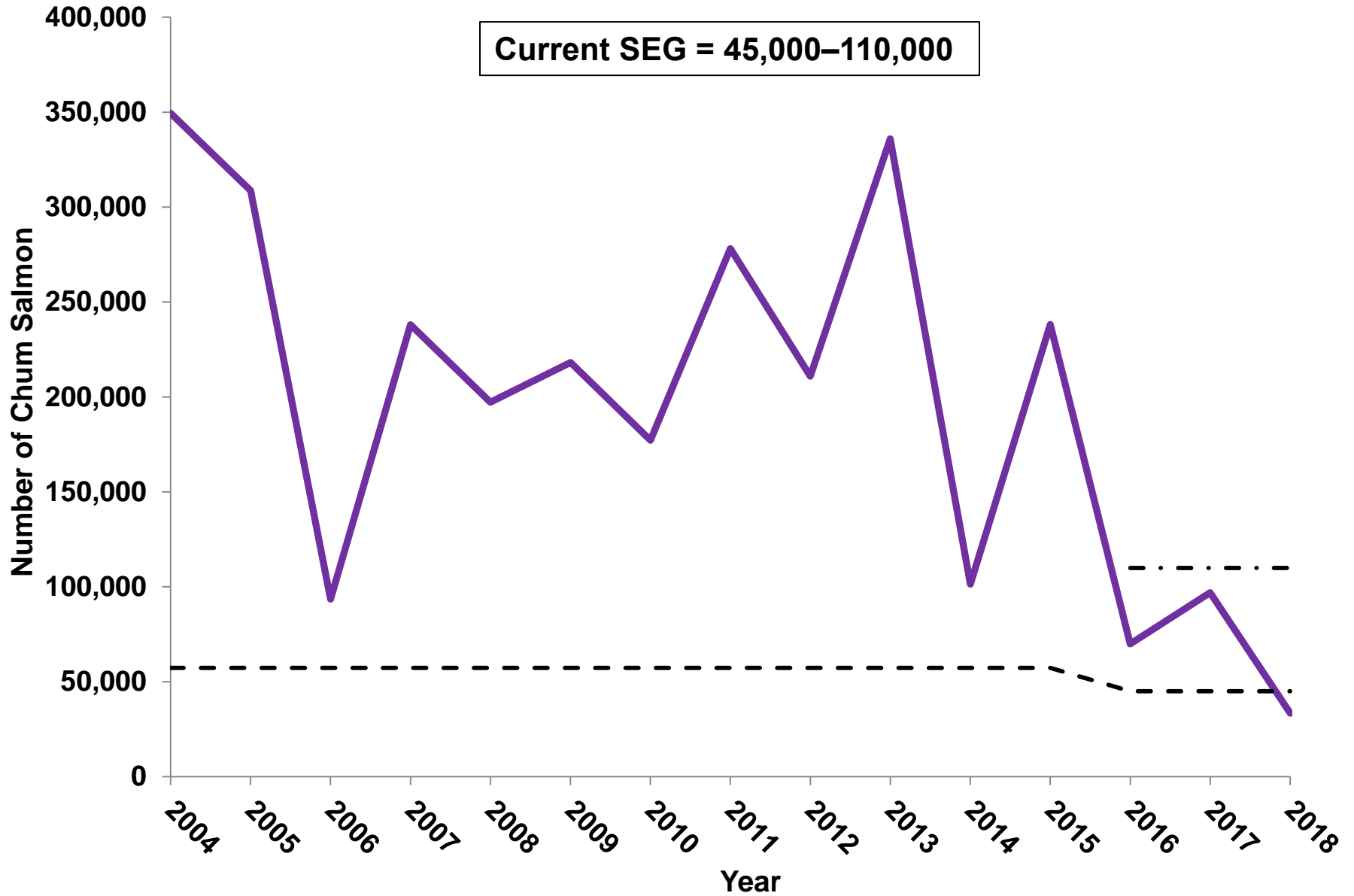
CMA Odd-year Peak Pink Salmon Escapement



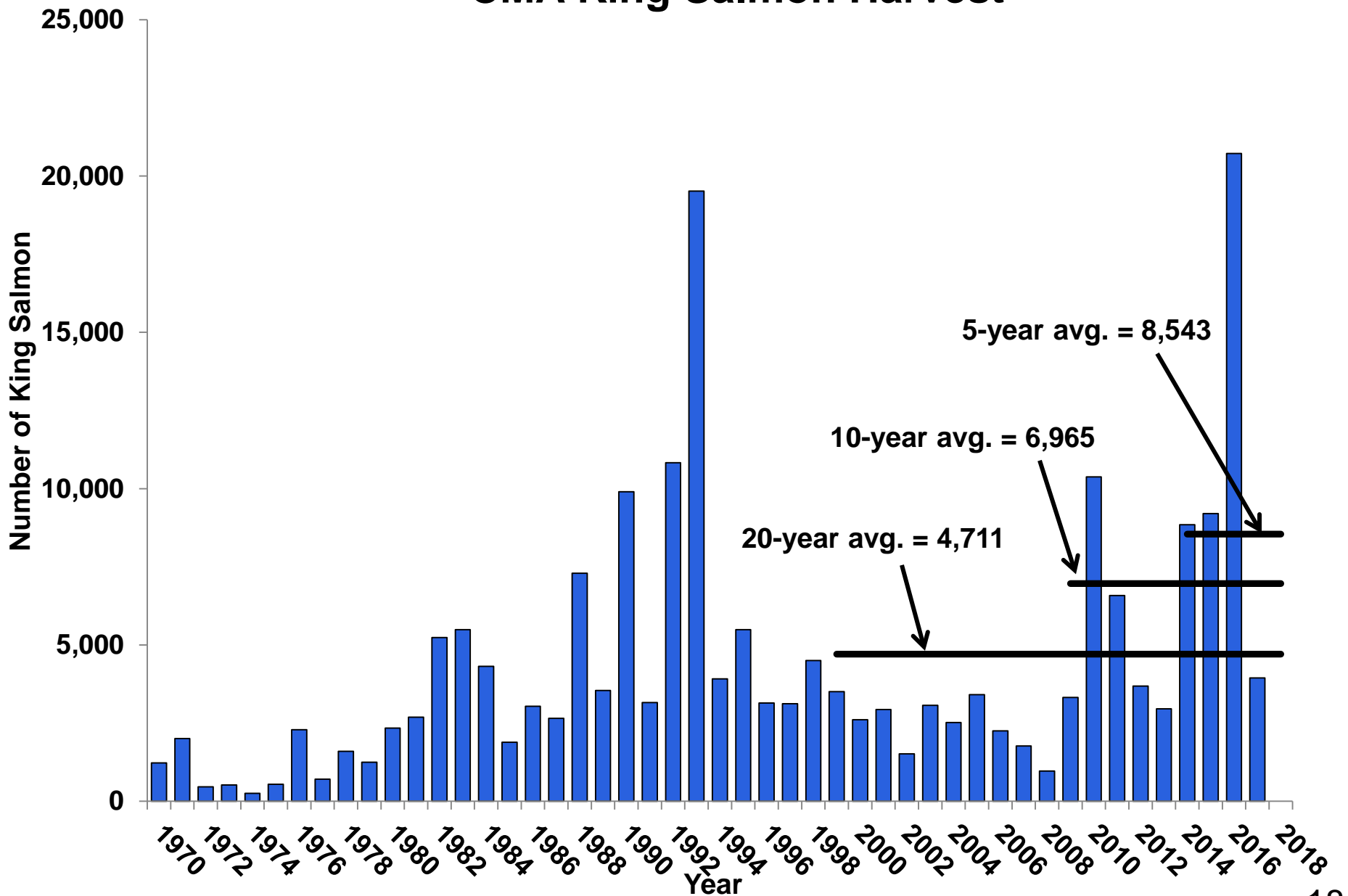
CMA Even-year Peak Pink Salmon Escapement



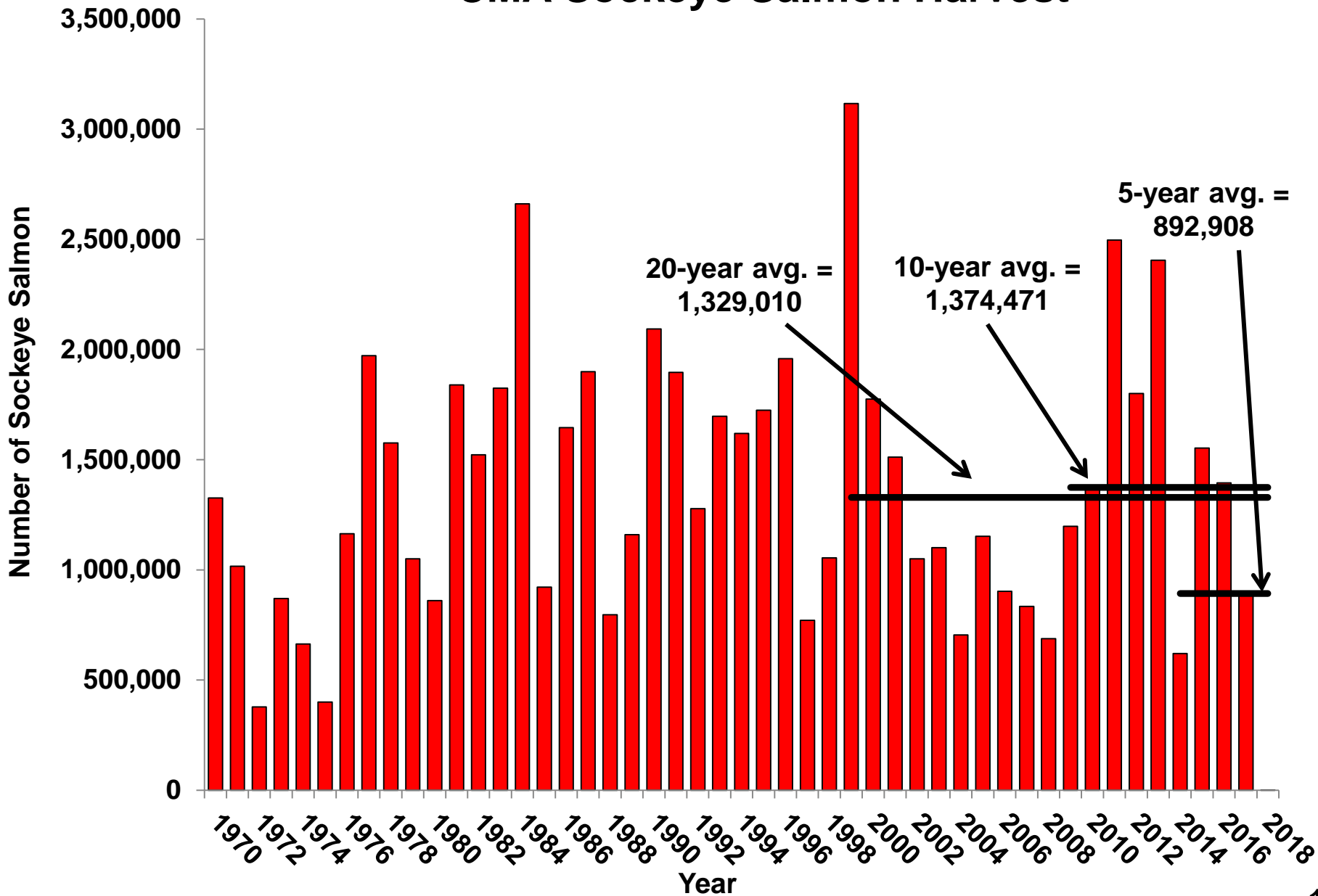
CMA Peak Chum Salmon Escapement



CMA King Salmon Harvest



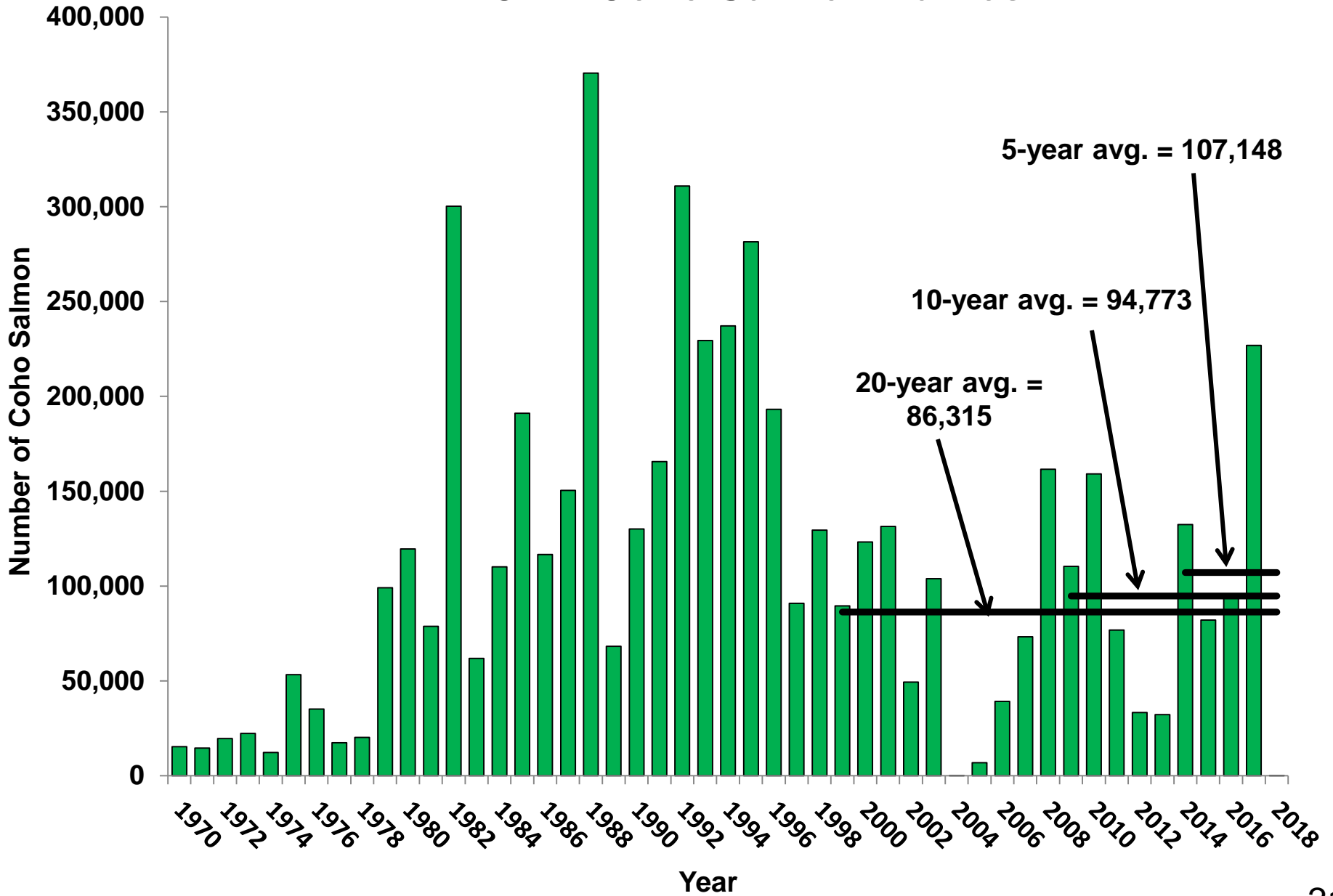
CMA Sockeye Salmon Harvest



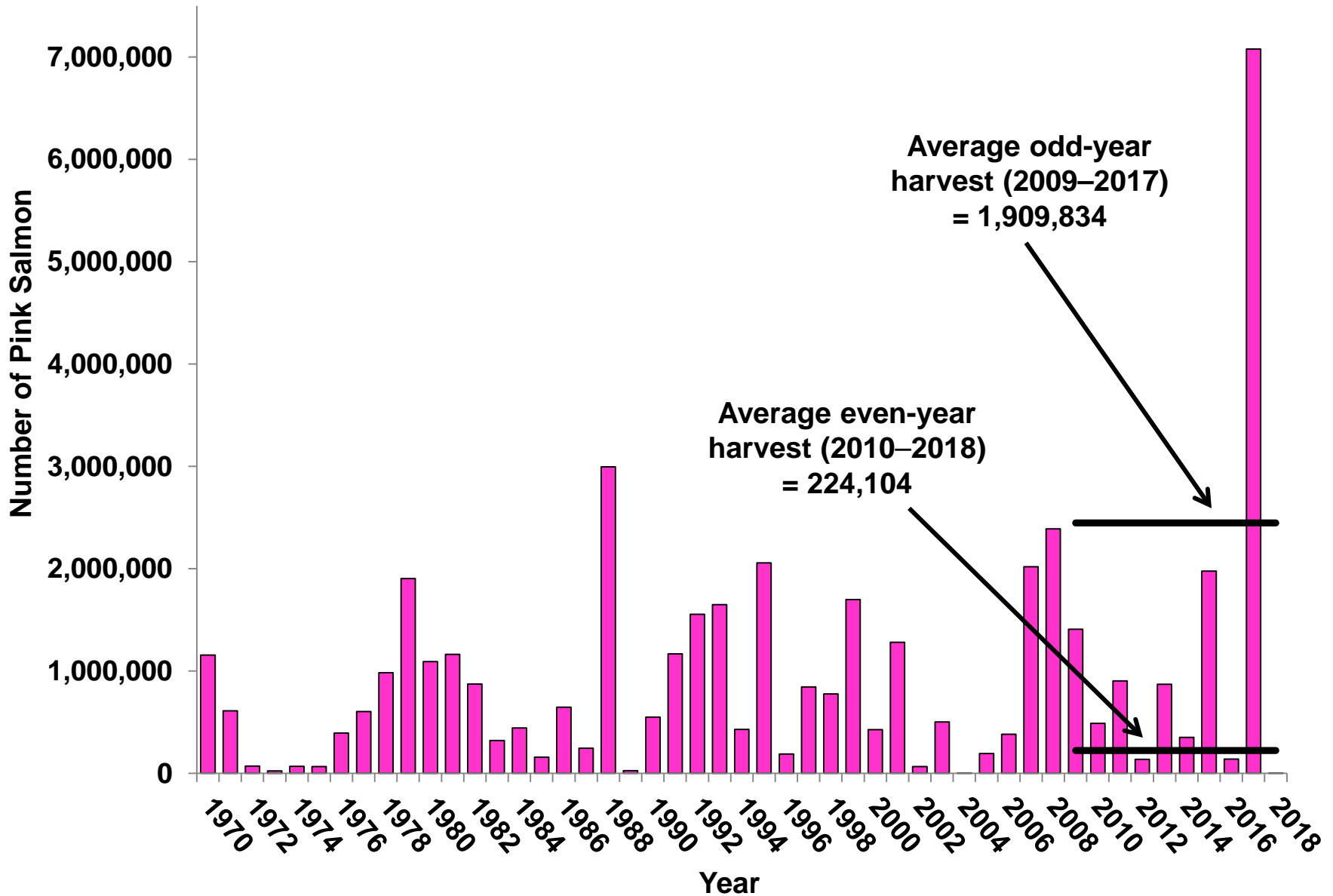
Chignik-bound Sockeye Salmon Harvest in the CMA, Cape Igvak and SEDM

Year	Chignik		Cape Igvak		SEDM		Total
	Catch	Percent	Catch	Percent	Catch	Percent	
1999	2,326,811	78.7	456,039	15.4	173,621	5.9	2,956,471
2000	1,509,652	80.1	271,344	14.4	103,419	5.5	1,884,415
2001	1,134,991	79.4	215,214	15.1	79,037	5.5	1,429,242
2002	849,980	81.0	136,488	13.0	63,026	6.0	1,049,494
2003	855,179	81.7	121,887	11.6	70,044	6.7	1,047,110
2004	681,120	75.9	160,665	17.9	55,123	6.1	896,908
2005	1,098,718	70.8	274,328	17.7	177,906	11.5	1,550,952
2006	741,887	87.7	41,834	4.9	62,010	7.3	845,731
2007	601,213	92.0	52,527	8.0	0	0.0	653,740
2008	445,199	100.0	0	0.0	0	0.0	445,199
2009	871,890	83.3	126,968	12.1	48,322	5.5	1,047,180
2010	1,125,135	80.6	185,193	13.3	85,267	7.6	1,395,595
2011	2,277,681	77.8	494,538	16.9	156,637	6.9	2,928,856
2012	1,640,517	78.4	324,895	15.5	126,083	7.7	2,091,495
2013	2,246,339	81.1	354,179	12.8	169,029	7.5	2,769,547
2014	330,302	100.0	0	0.0	0	0.0	330,302
2015	1,014,550	90.7	5,936	0.5	98,473	9.7	1,118,959
2016	1,167,326	74.8	298,470	19.1	94,790	8.1	1,560,586
2017	679,435	80.8	118,101	14.0	43,730	6.4	841,266
2018	128	100.0	0	0.0	0	0.0	128
Average							
1999–2018	1,079,903	83.7	214,036	13.1	100,407	7.1	1,342,159

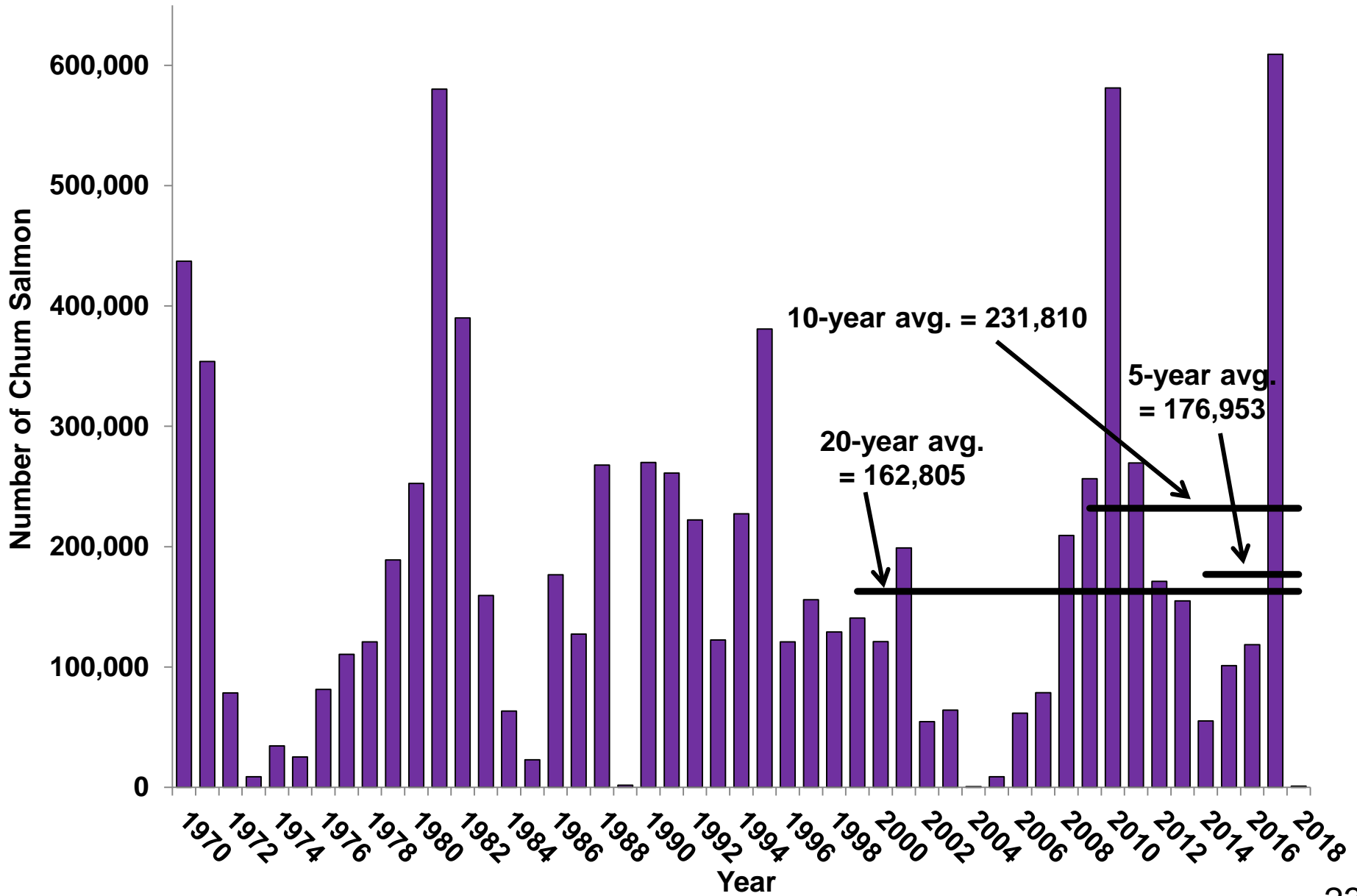
CMA Coho Salmon Harvest



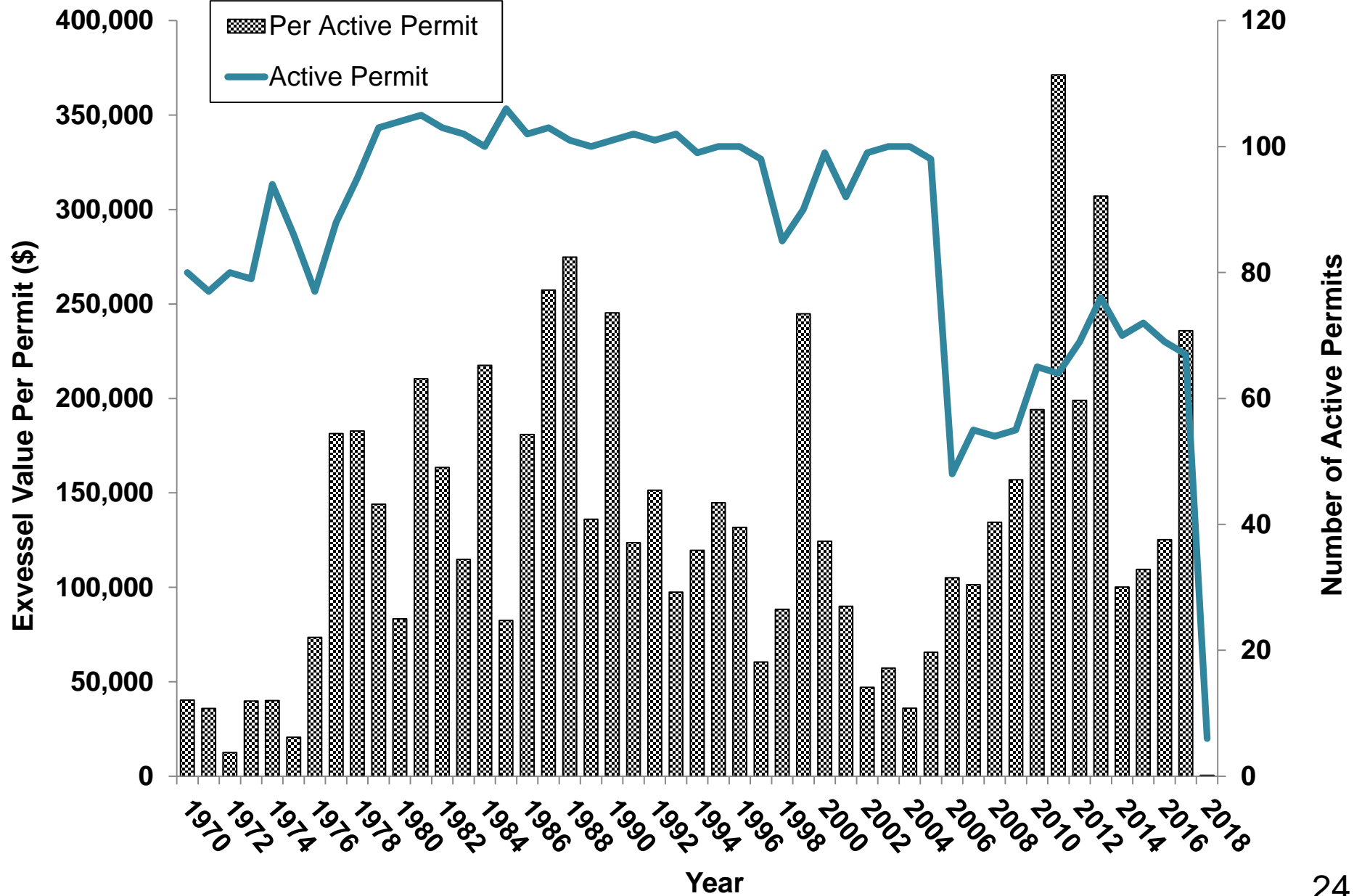
CMA Pink Salmon Harvest



CMA Chum Salmon Harvest



CMA Exvessel Value by Permit



CMA 2016–2018 Season Summary

Year	Number of Permits	Number of Salmon Harvested					Exvessel Value
		King	Sockeye	Coho	Pink	Chum	
2016	69	20,684	1,385,673	94,397	140,895	118,418	\$8,600,000
2017	67	3,908	894,933	226,730	7,077,740	609,105	\$15,800,000
2018	6	0	128	1	6	924	\$3,000

2019 Chignik Salmon BOF Proposals

- Proposal 147: Reduce the Chignik River sockeye salmon Inriver Run Goal
- Proposal 148: Manage the Western and Perryville districts based on salmon stocks in portions of Area M from July 9–September 30
- Proposal 149: Allow more fishing opportunity in the Western District in June and early July
- Proposals 150 and 151: Allow more fishing opportunity in the Western and Perryville districts in June and early July
- Proposal 152: Prohibit commercial fishing in the Perryville District and Mitrofanina Section of the CMA when Orzinski weir in Area M is not meeting escapement goals

2019 Chignik Salmon BOF Proposals

- Proposal 153: Prohibit commercial fishing in the Perryville District and the Mitrofanina Section of the CMA when SEDM is closed over escapement concerns
- Proposal 154: Count only large king salmon towards the Chignik River King salmon escapement goal
- Proposal 158: Increase the maximum seine length in the Central, Eastern, Western and Perryville districts



Questions?

