

Section 1-B Drift Gillnet

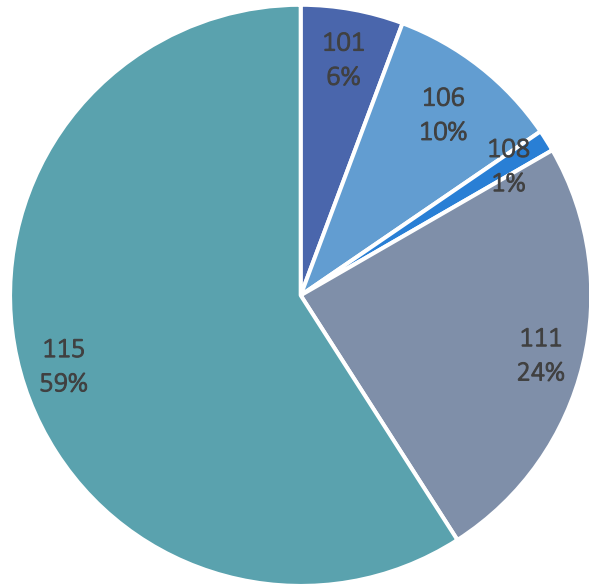
2022 Post Season Review

Justin Breese and Whitney Crittenden

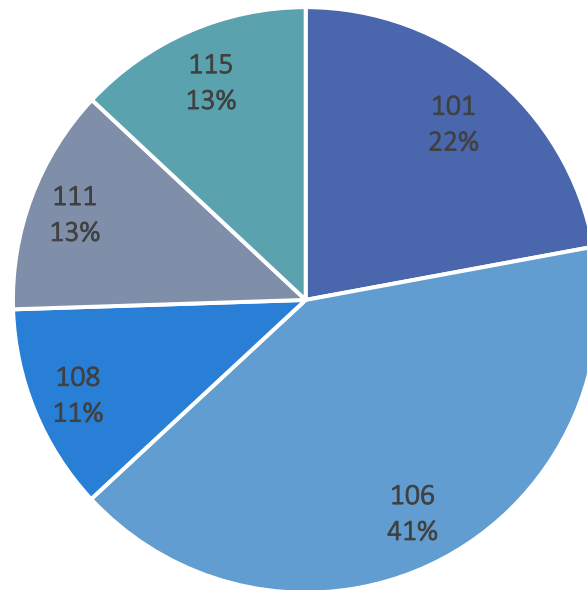


2022 SEAK Gillnet Harvest by District

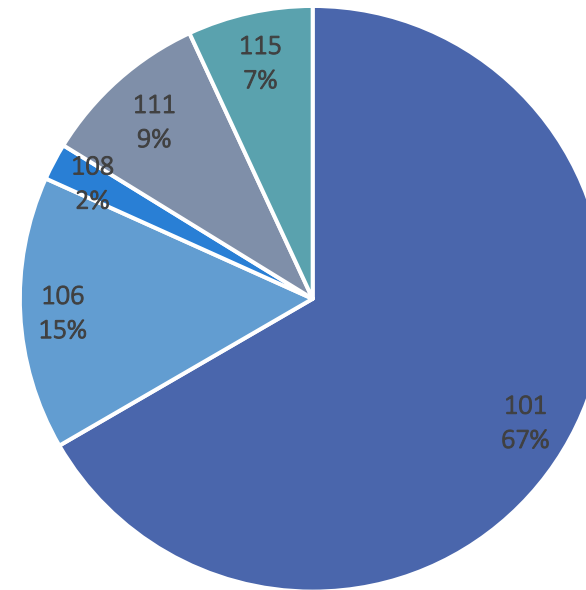
Sockeye Harvest by District



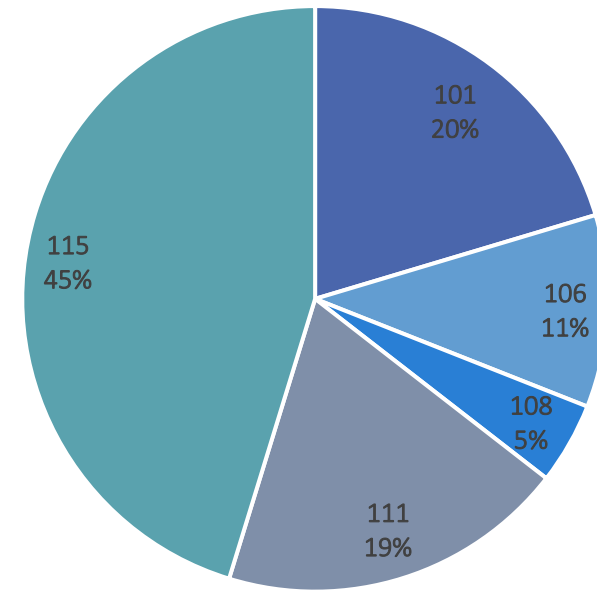
Coho Harvest by District



Pink Harvest by District



Chum Harvest by District



Figures do not include THA

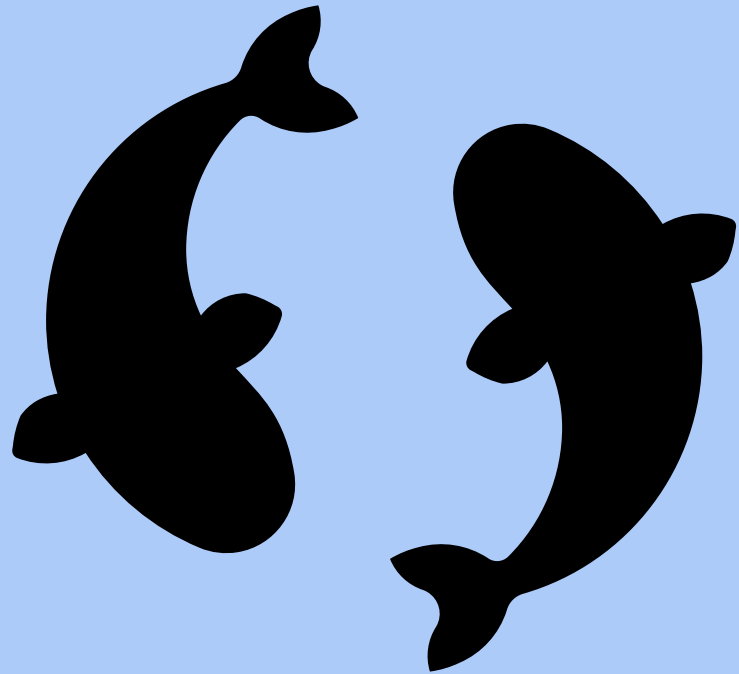
Fishery	Chinook	Sockeye	Coho	Pink	Chum	Totals
Section 1-B GN	1,881	26,553	27,432	381,712	332,122	769,700
District 1 PS	105	49,398	25,880	5,776,497	201,483	6,053,363
District 2 PS	80	42,681	20,108	1,898,198	779,958	2,741,025
District 3 PS	817	25,323	31,380	1,313,395	311,180	1,682,095
District 4 PS	12,981	476,385	64,381	2,525,681	338,060	3,417,488
Neets Bay THA GN	2,766	3	-	1	337	3,107
Neets Bay THA PS	3,269	13	1	16	2,190	5,489
Nakat THA GN	1	112	2,159	12,544	58,155	72,971
Kendrick THA PS	11	74	104	5,123	29,455	34,767
Carroll THA GN	1,901	-	-	-	30	1,931
Carroll THA PS	5,294	12	1	13	46	1,696
Port Asumcion PS	-	9	61	820	1,623	2,513
Annette Island GN	1,137	4,428	4,189	282,164	72,175	364,093
Annette Island PS	394	9,651	5,751	1,709,069	46,279	1,771,144
Totals	30,637	634,642	181,447	13,905,233	2,173,093	16,921,382

Ketchikan Net Harvest – 2022

Section 1-B Annual Harvest by Opening

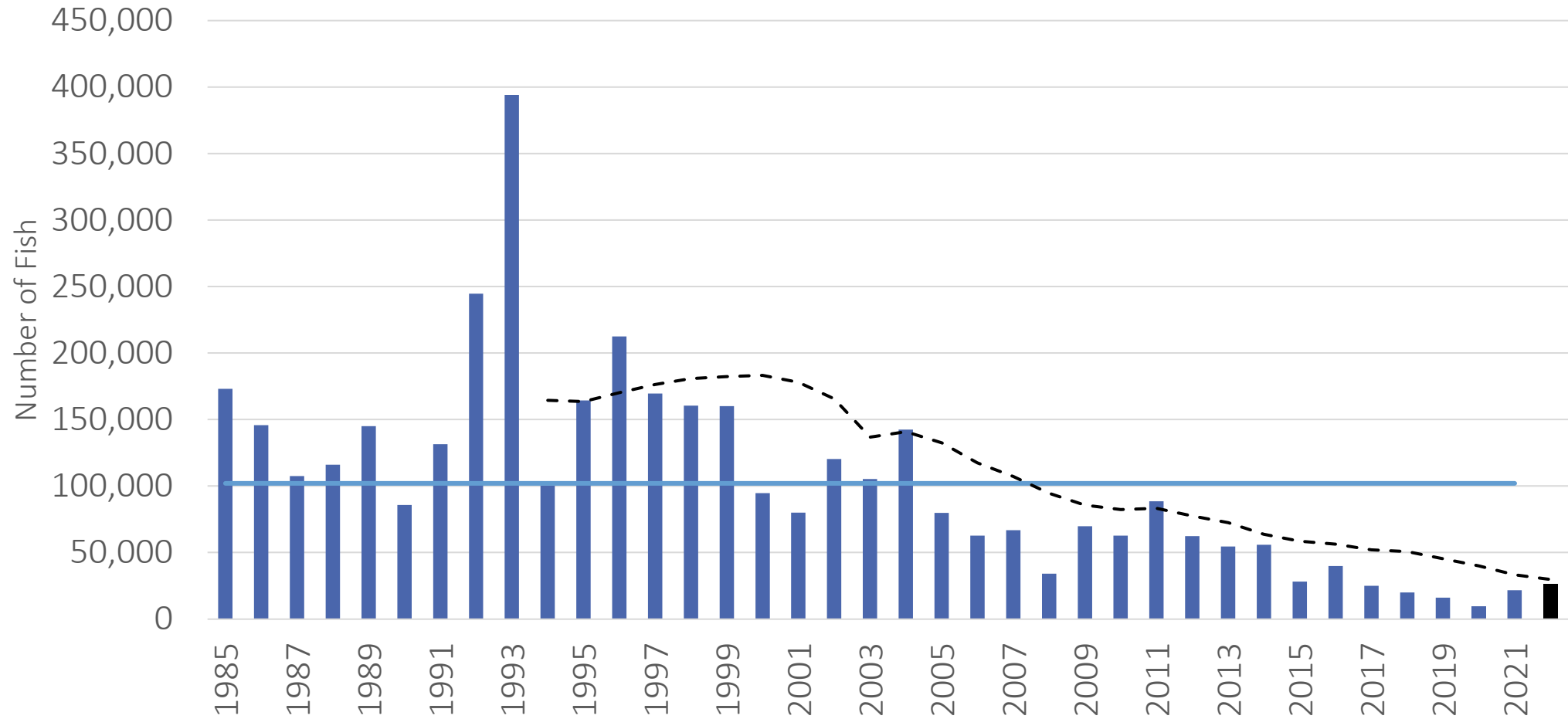
	Opening	Chinook	Sockeye	Coho	Pink	Chum	Boats	Hours
Sockeye & chum mgmt	26	360	2,688	32	158	1,661	22	96
	27	528	3,356	122	2,891	10,010	33	96
	28	446	4,720	139	11,152	39,360	39	96
	29	153	5,711	356	29,268	59,902	40	96
Pink salmon mgmt	30	142	4,645	559	51,035	63,776	44	96
	31	188	1,729	1,459	74,262	46,025	48	96
	32	40	1,187	1,492	108,214	33,805	40	120
	33	12	1,057	1,280	47,245	24,610	35	120
	34	4	758	2,598	29,673	15,162	28	120
	35	2	468	2,394	21,392	11,452	30	120
Fall chum & coho mgmt	36	1	124	2,558	5,281	8,816	25	96
	37	2	73	4,124	1,073	10,332	27	96
	38	0	28	3,740	65	4,501	28	96
	39	3	9	5,941	3	2,646	17	96
	40	0	0	638	0	64	2	96
Total		1,881	26,553	27,432	381,712	332,122	458	1,536

Sockeye harvest ranked 33 of 38 for treaty period

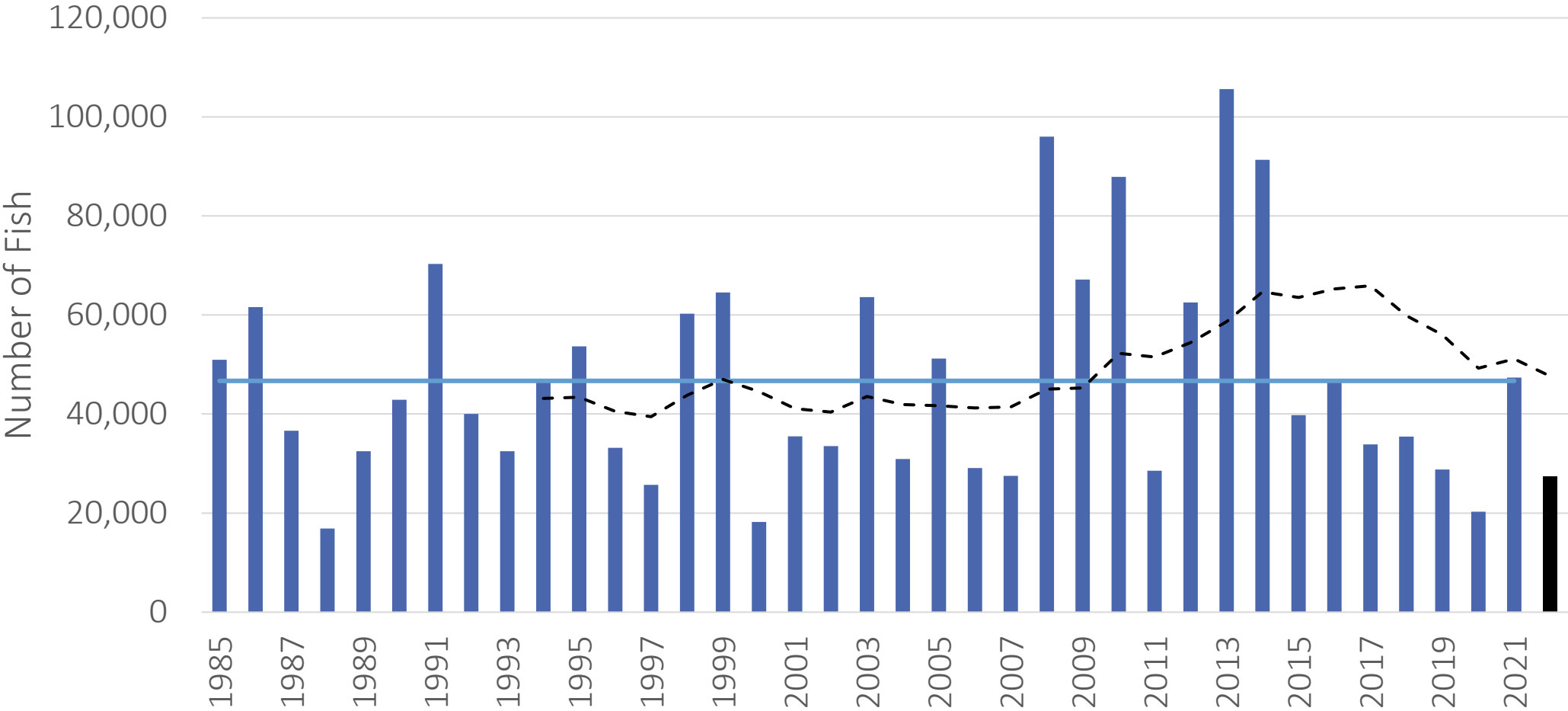


2022 Section 1-B Annual Harvest by Species

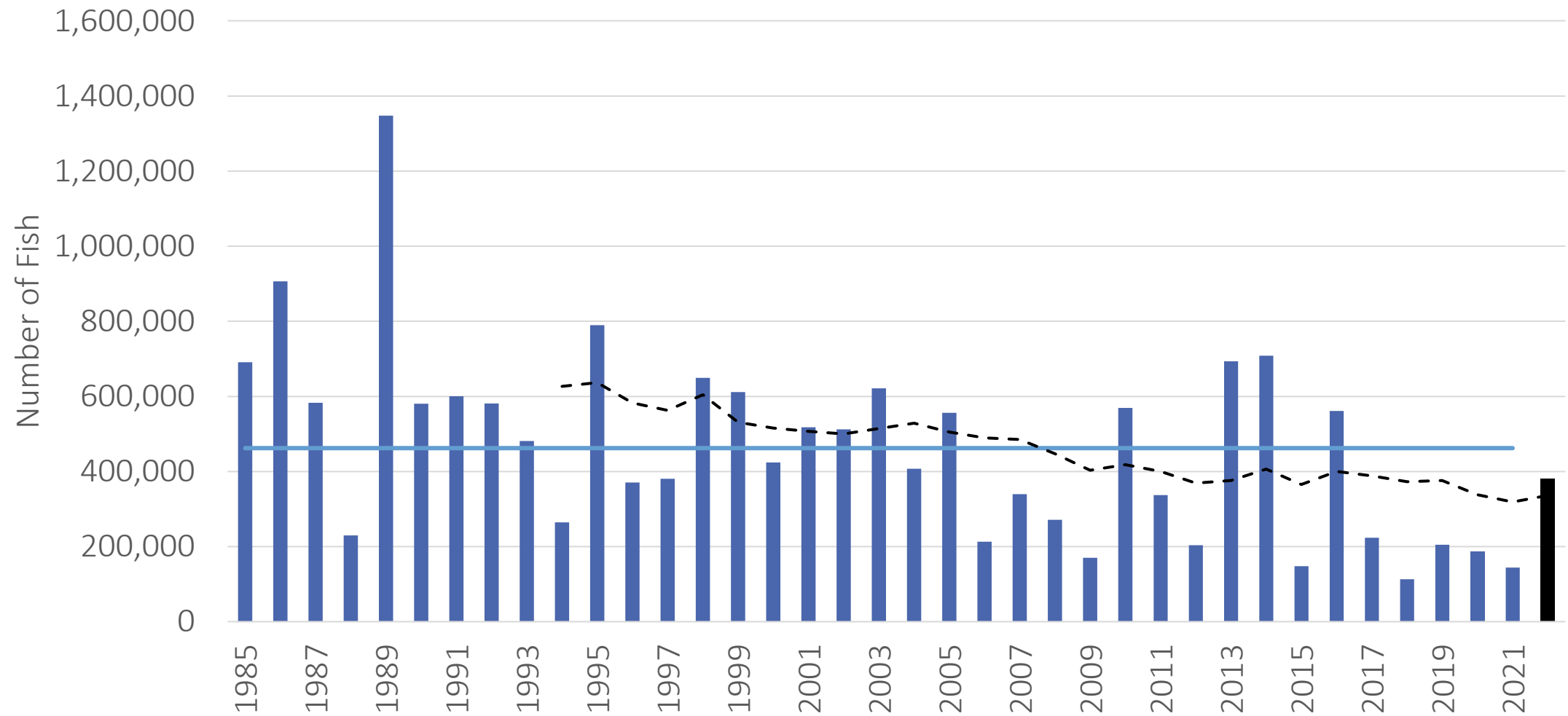
Section 1-B Gillnet Annual Sockeye Harvest



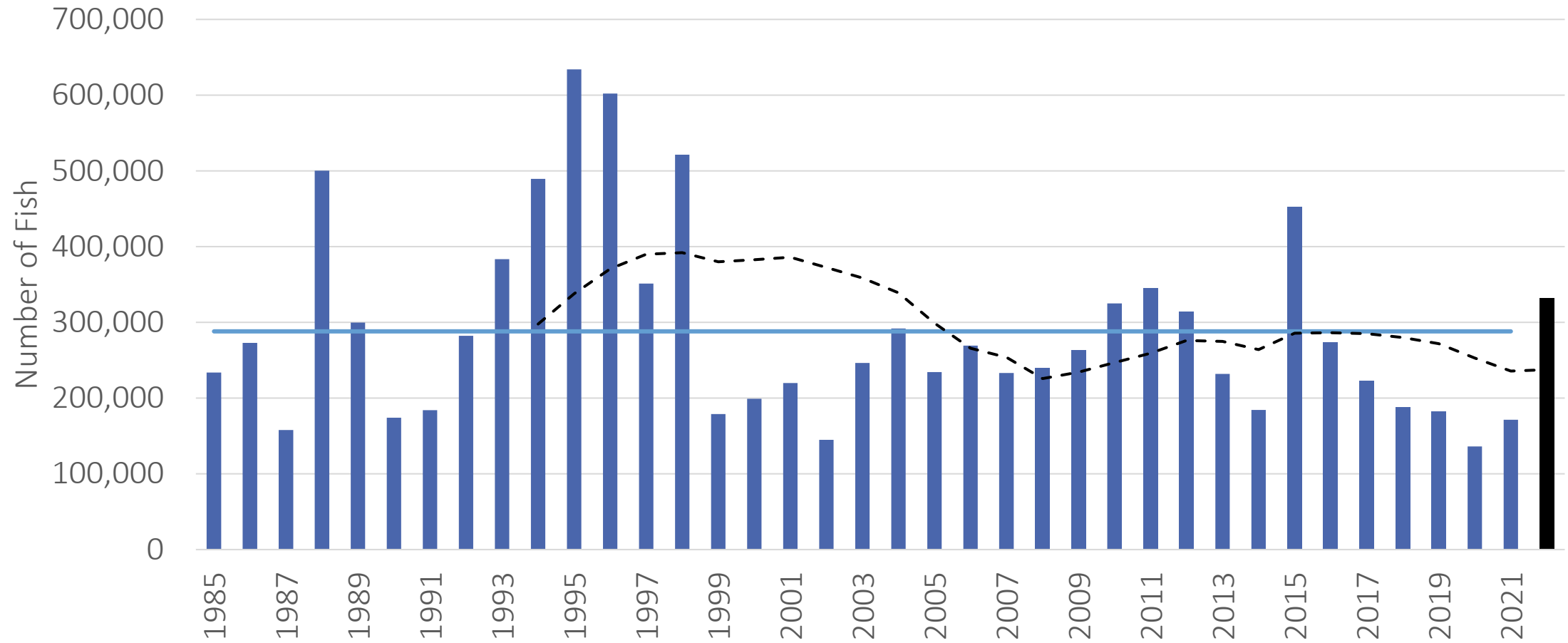
Section 1-B Gillnet Annual Coho Harvest



Section 1-B Gillnet Annual Pink Harvest

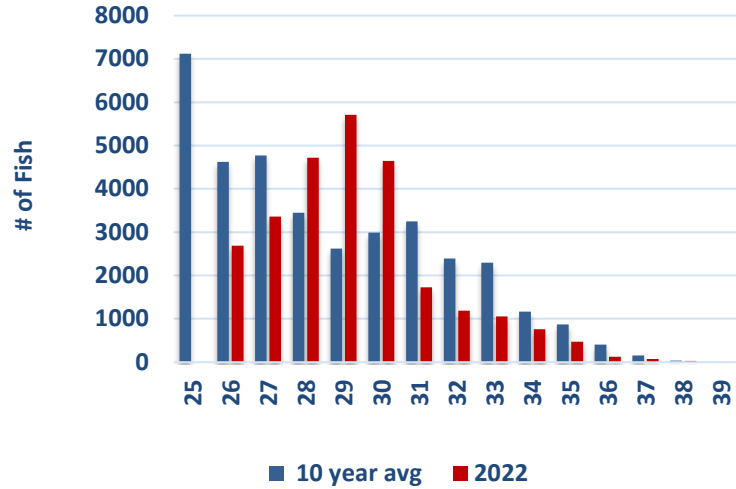


Section 1-B Gillnet Annual Chum Harvest

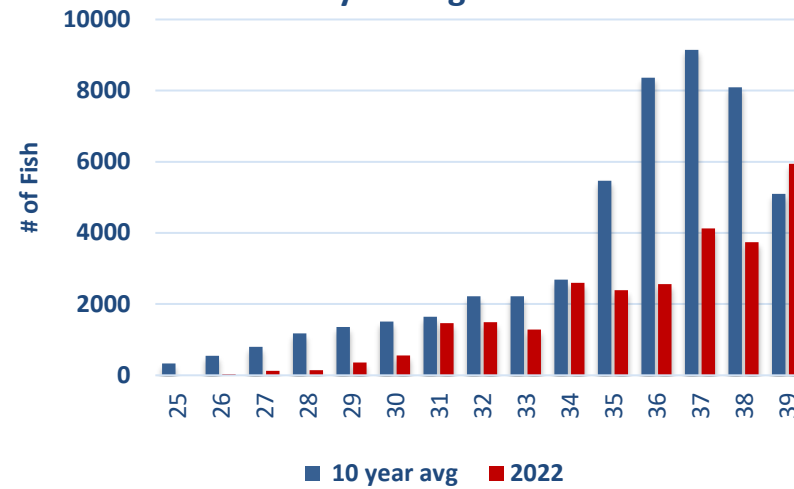


2022 Section 1-B Drift Gillnet – Weekly Harvest

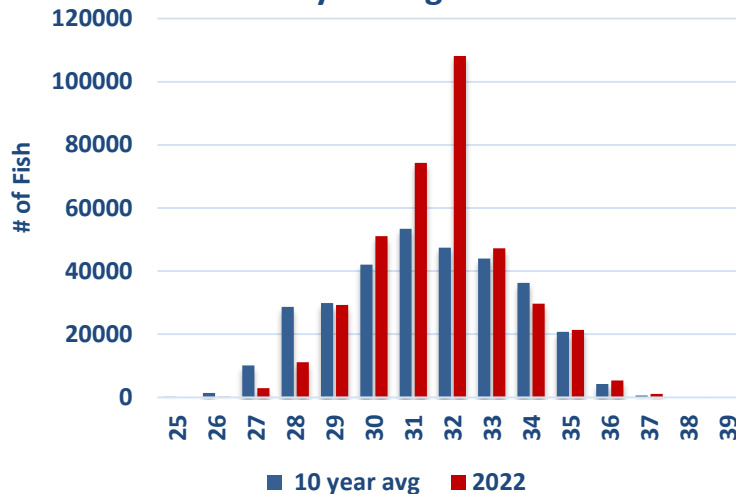
Section 1-B Weekly Sockeye Harvest
10 year avg vs 2022



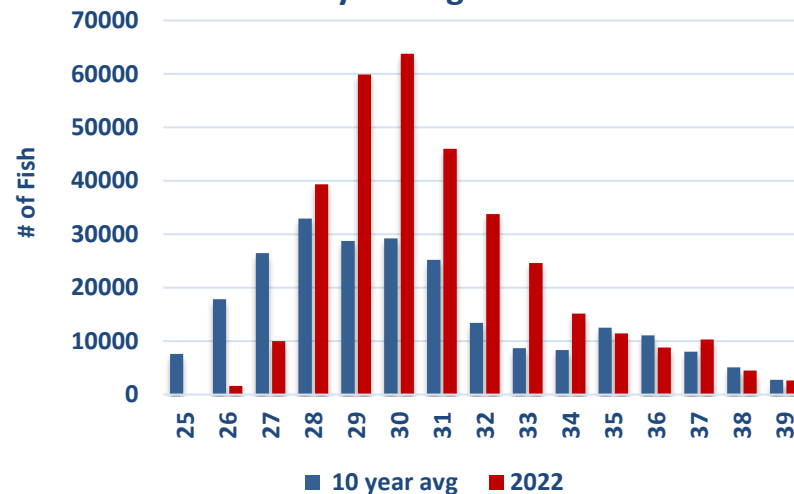
Section 1-B Weekly Coho Harvest
10 year avg vs 2022

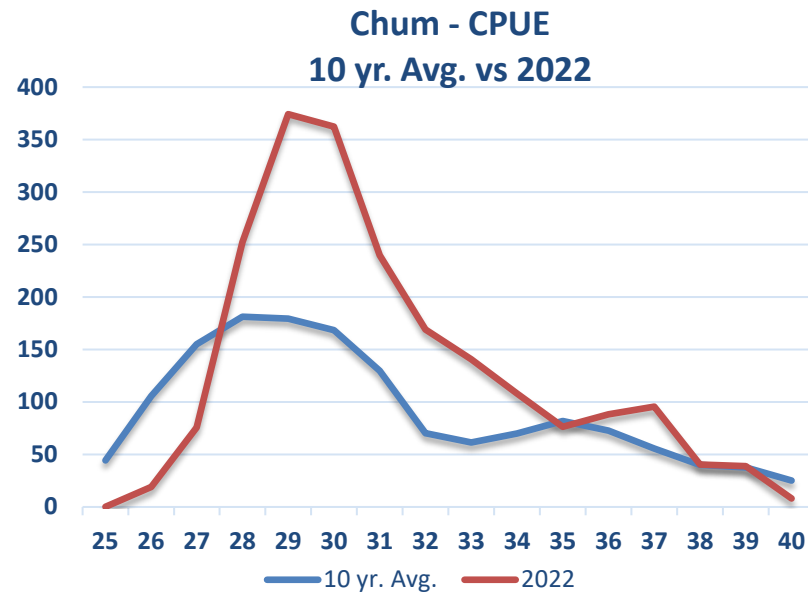
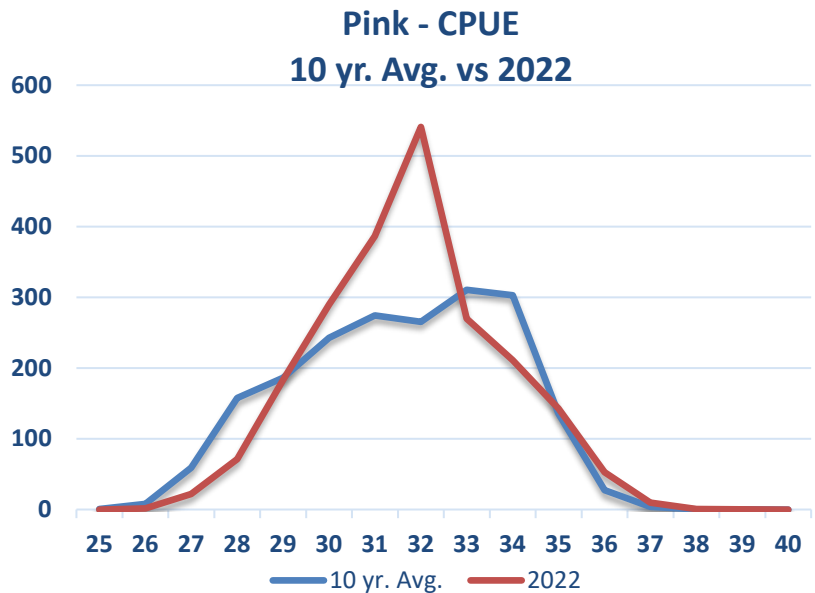
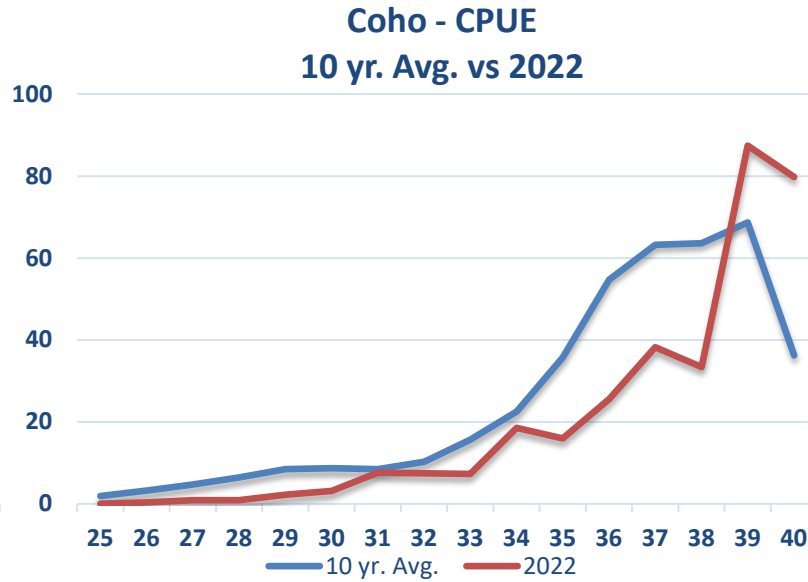
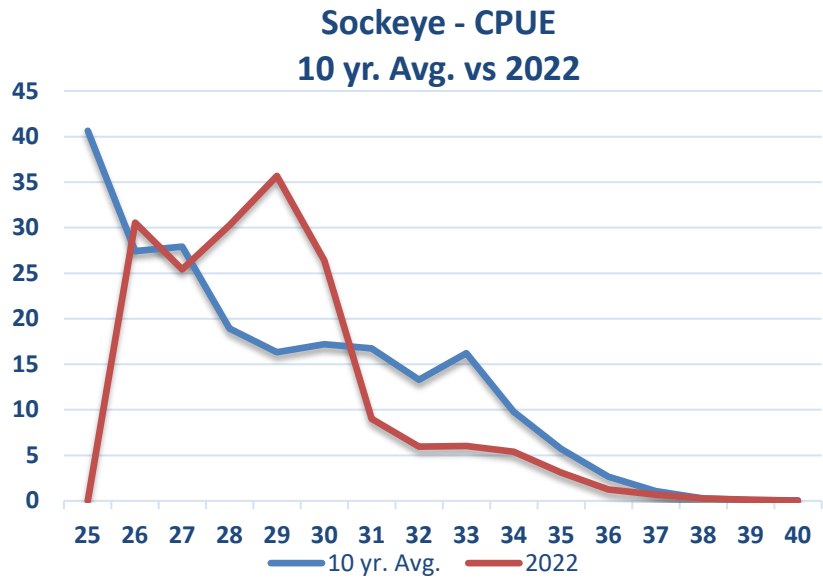


Section 1-B Weekly Pink Harvest
10 year avg vs 2022



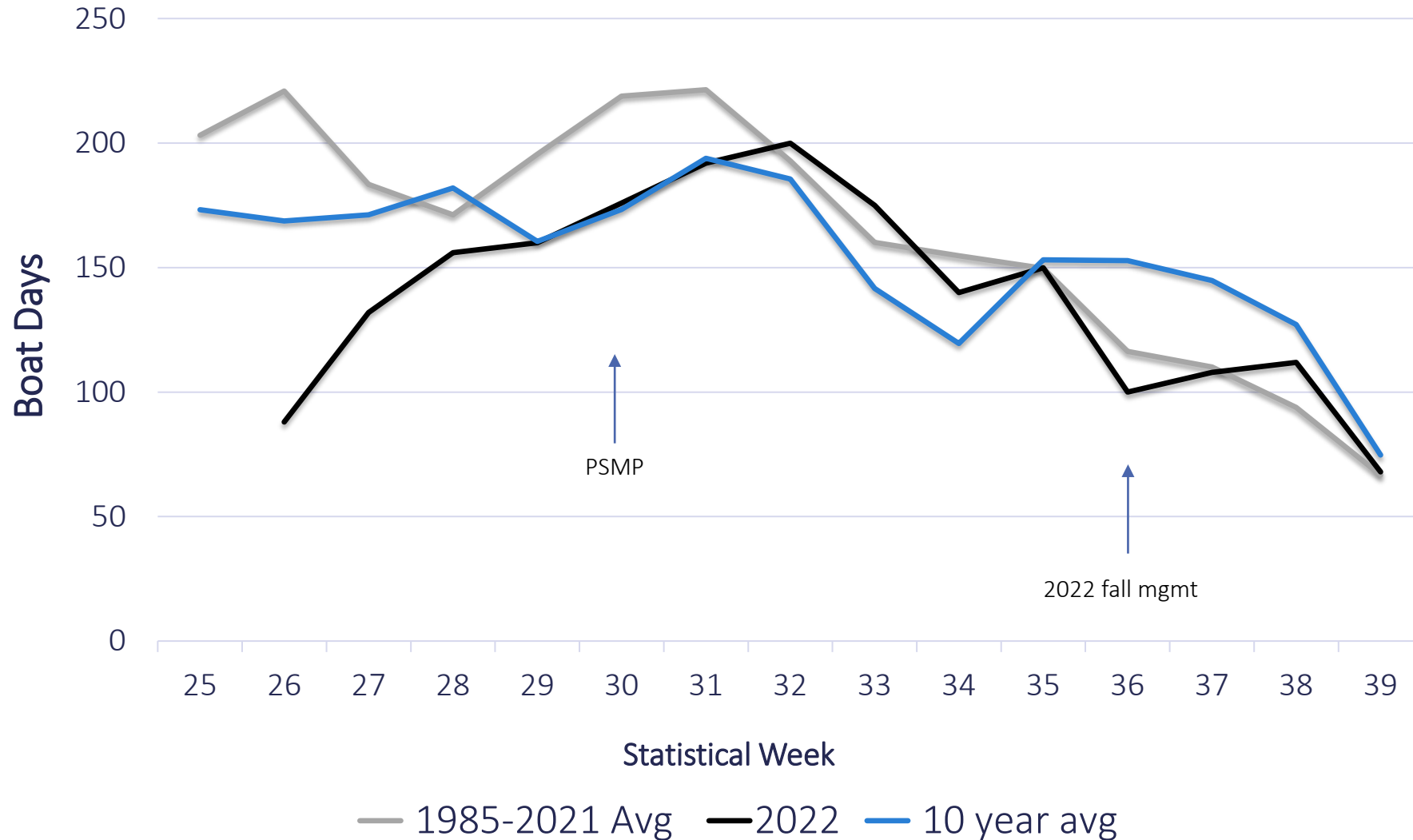
Section 1-B Weekly Chum Harvest
10 year avg vs 2022





Section 1-B
Catch per
unit effort

2022 Section 1-B Boat Day Comparison

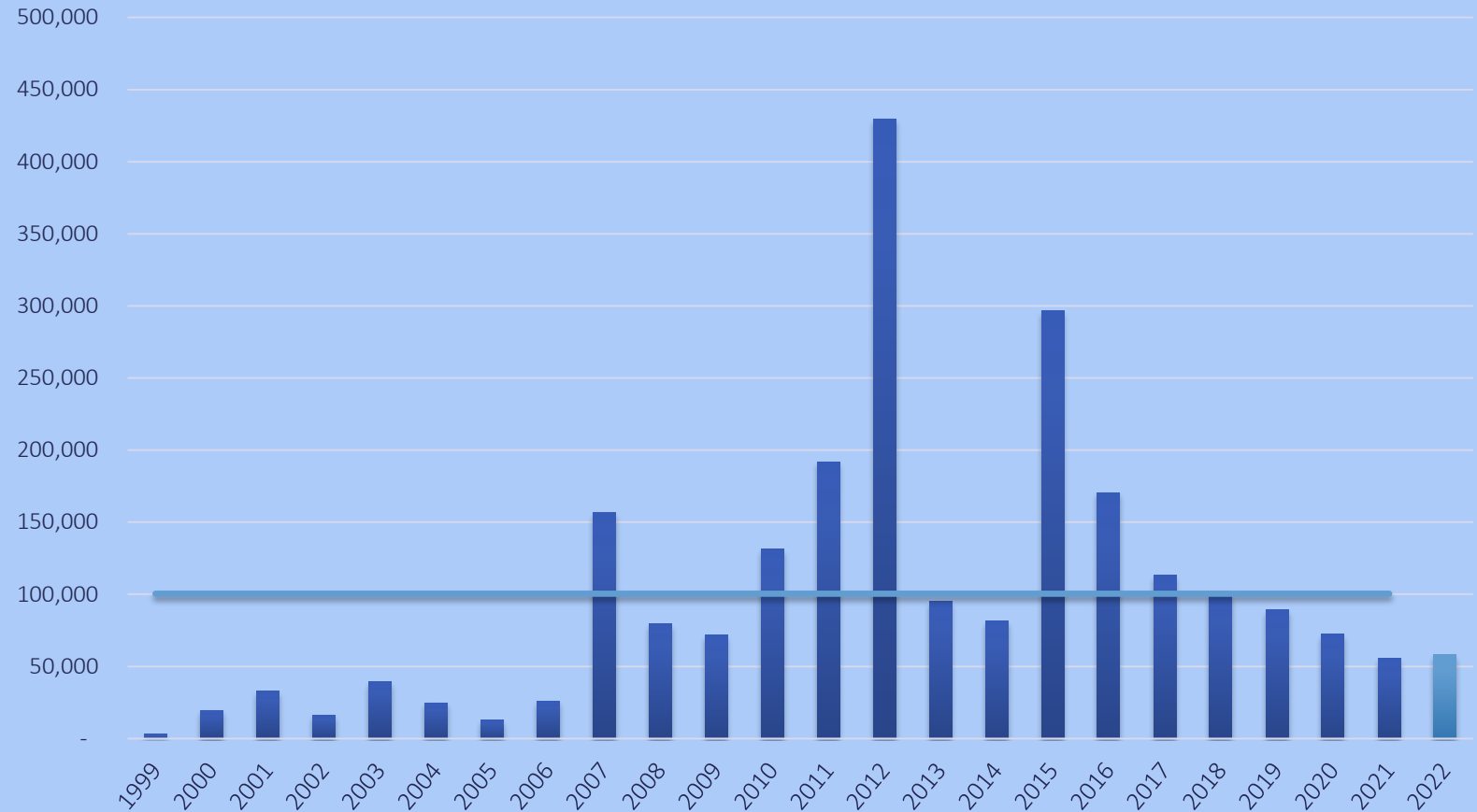


SSRAA Nakat Inlet THA Forecast 2022

248,000 Summer Chum

50,000 Fall Chum

Nakat Inlet THA Drift Gillnet Chum Harvest

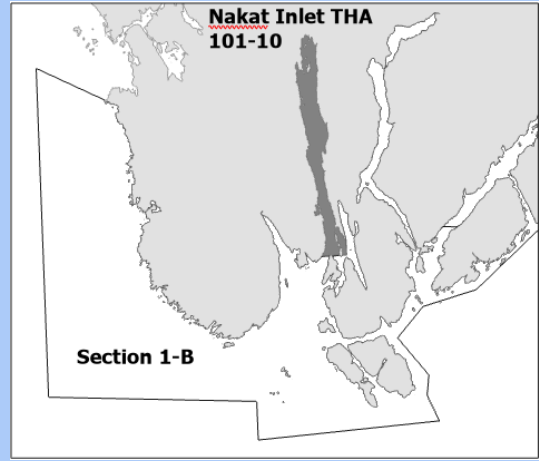


Total Enhanced Nakat Inlet Chum Harvest

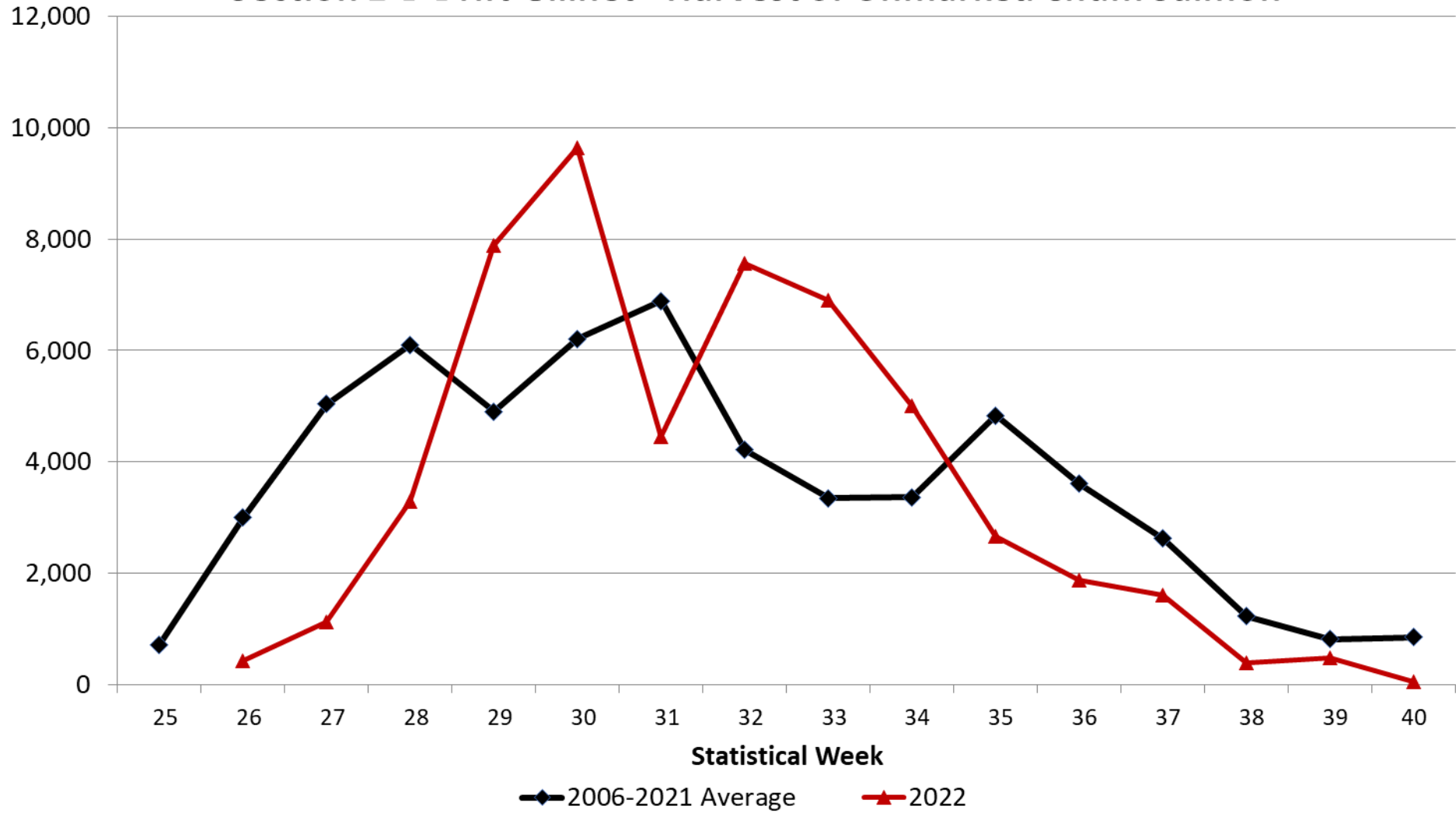
Gillnet CP	183,000
Seine CP	27,500
Gillnet THA	19,000
Cost Recovery THA	58,000
Total	287,500

Nakat Inlet THA (Subdistrict 101-10)

Nakat Inlet THA Gillnet Chum Harvest 10 yr avg. vs. 2022



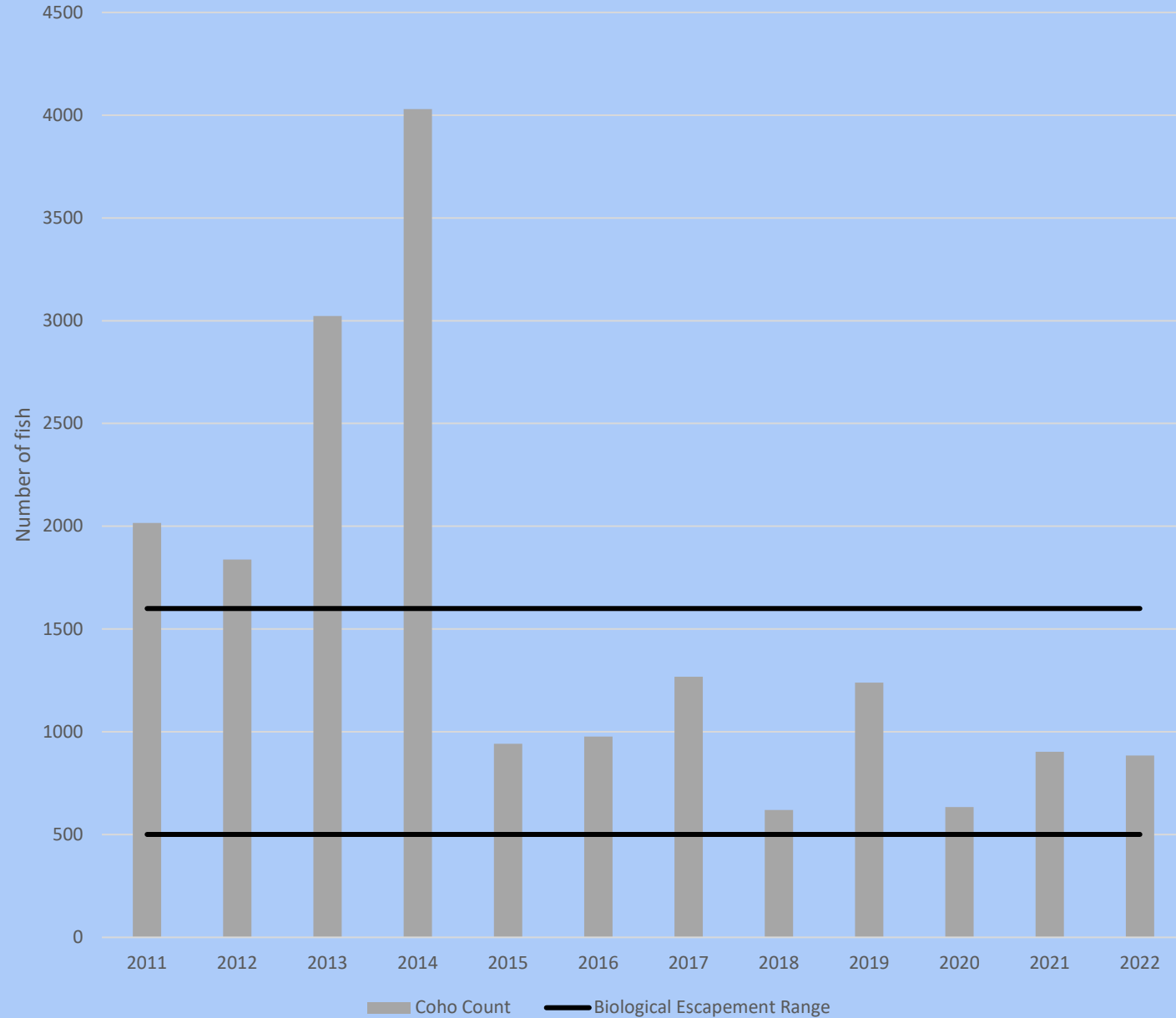
Section 1-B Drift Gillnet - Harvest of Unmarked Chum Salmon



Unmarked
Chum

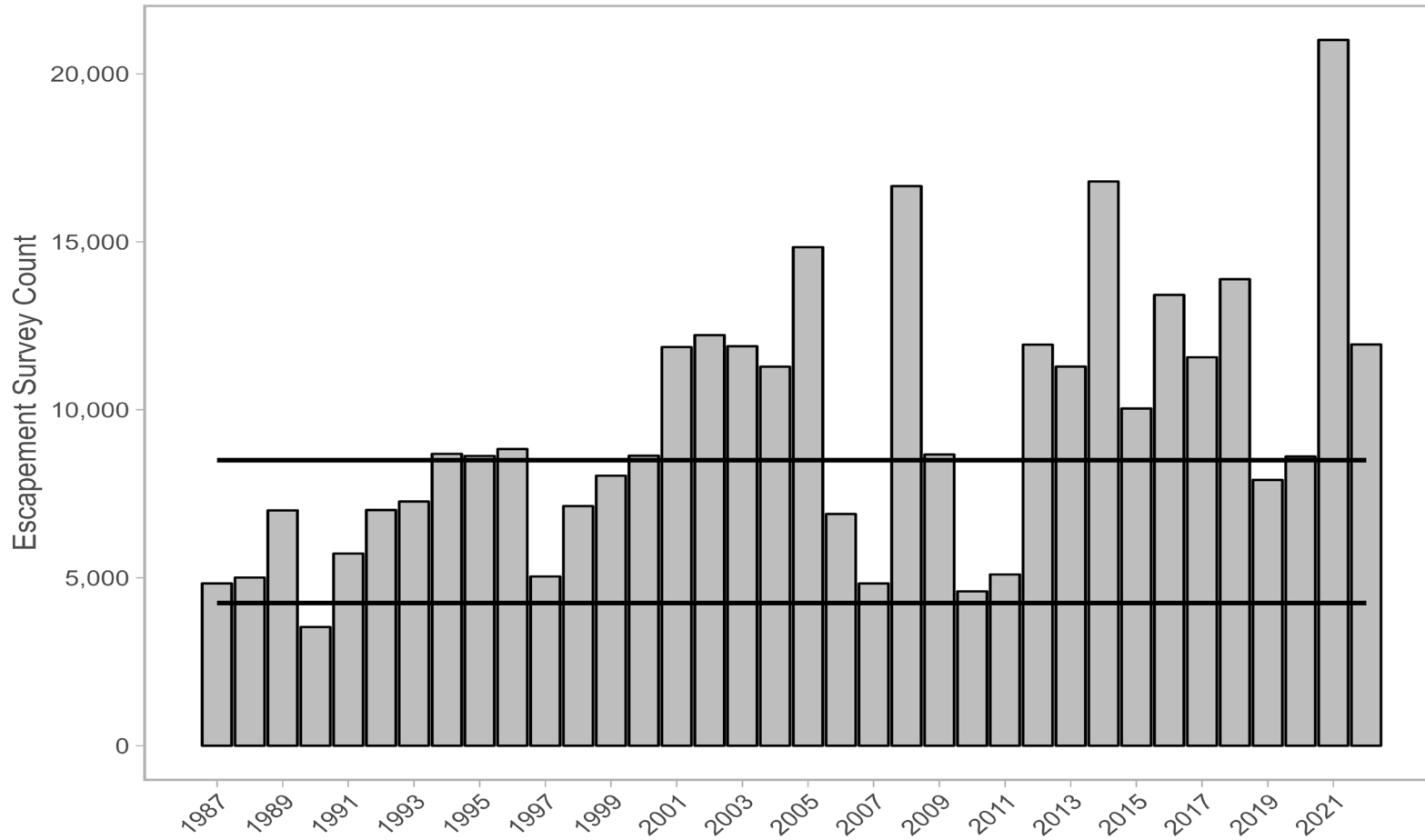
Source: SSRAA Otolith Lab

Hugh Smith Weir Coho Count



Hugh Smith Weir Coho Count

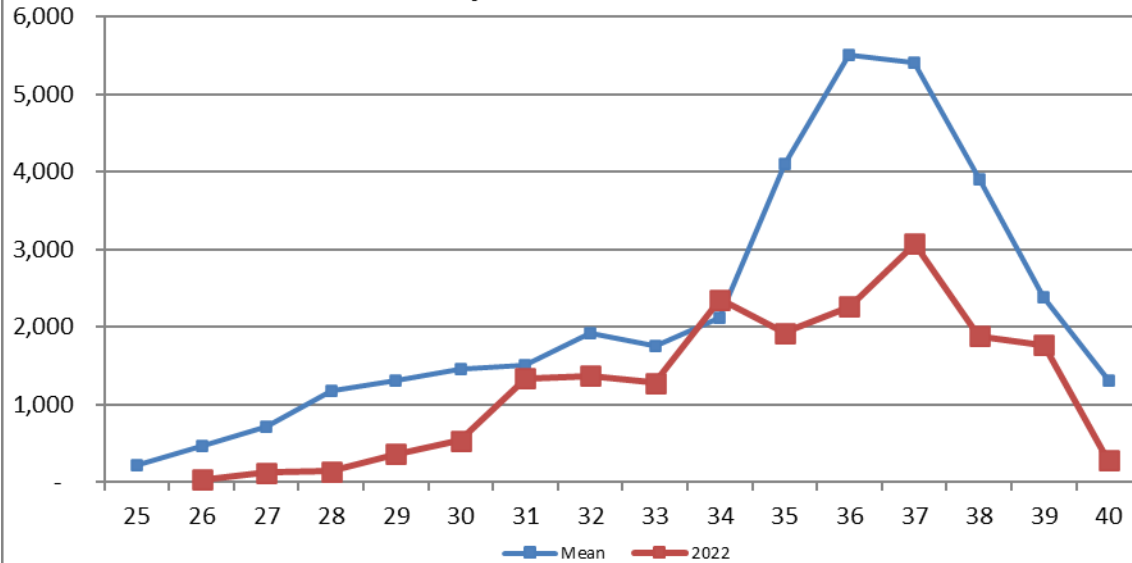
Ketchikan Coho Escapement Survey Index



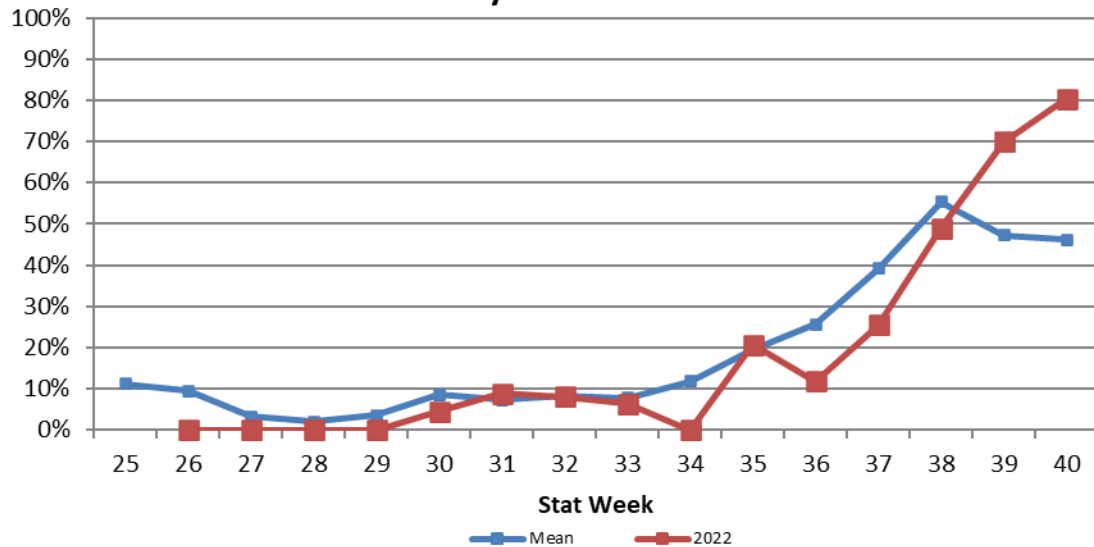
2022 Coho
Salmon Index
Stream
Counts

2022 Section 1-B Wild & Hatchery Coho Contribution

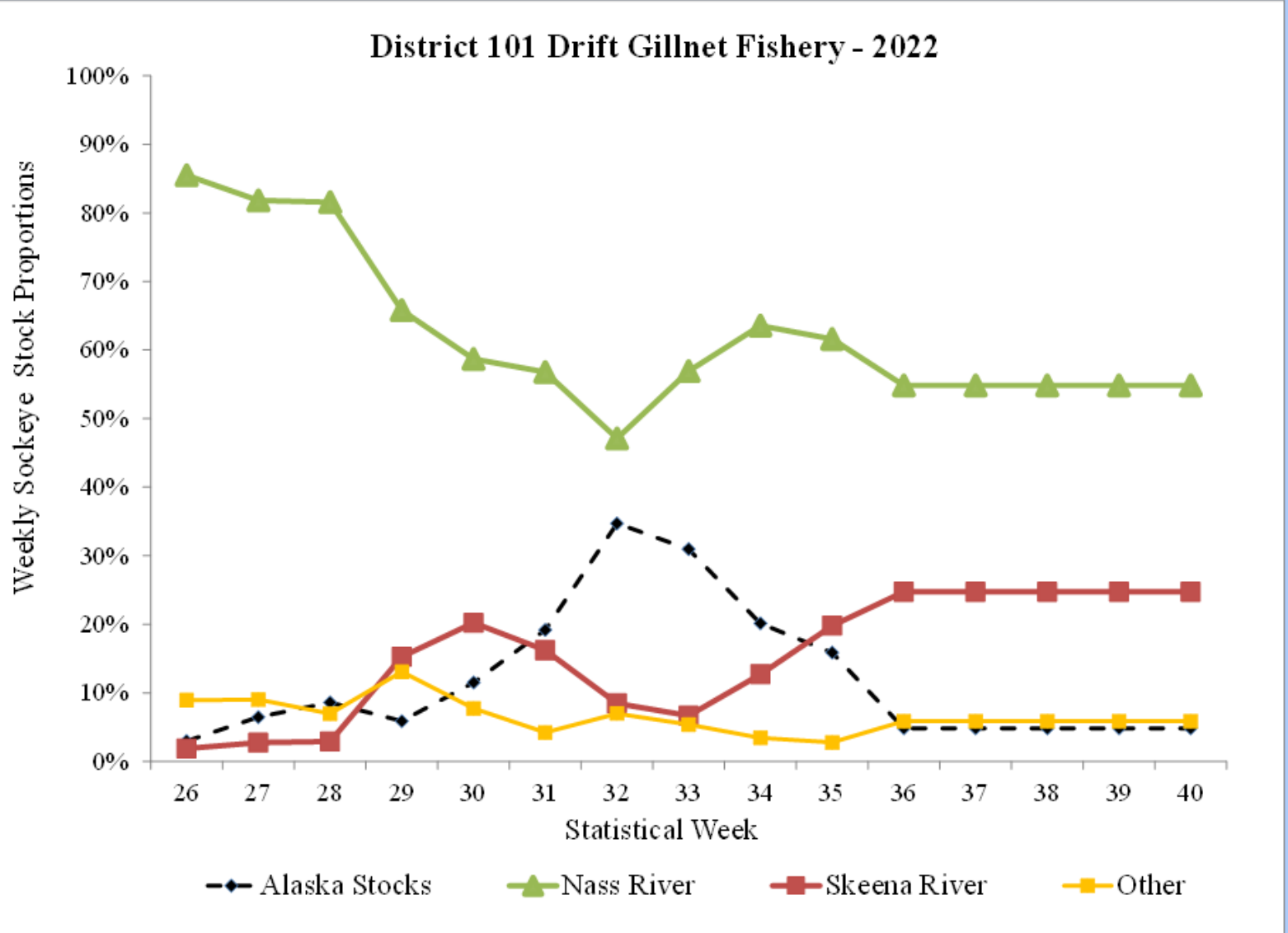
**Section 1-B Drift Gillnet Fishery Wild Coho Harvest
10 yr mean vs. 2022**



**Section 1-B Drift Gillnet Fishery - Percentage of Hatchery Coho
10 yr mean vs. 2022**



Weekly Sockeye Stock Composition

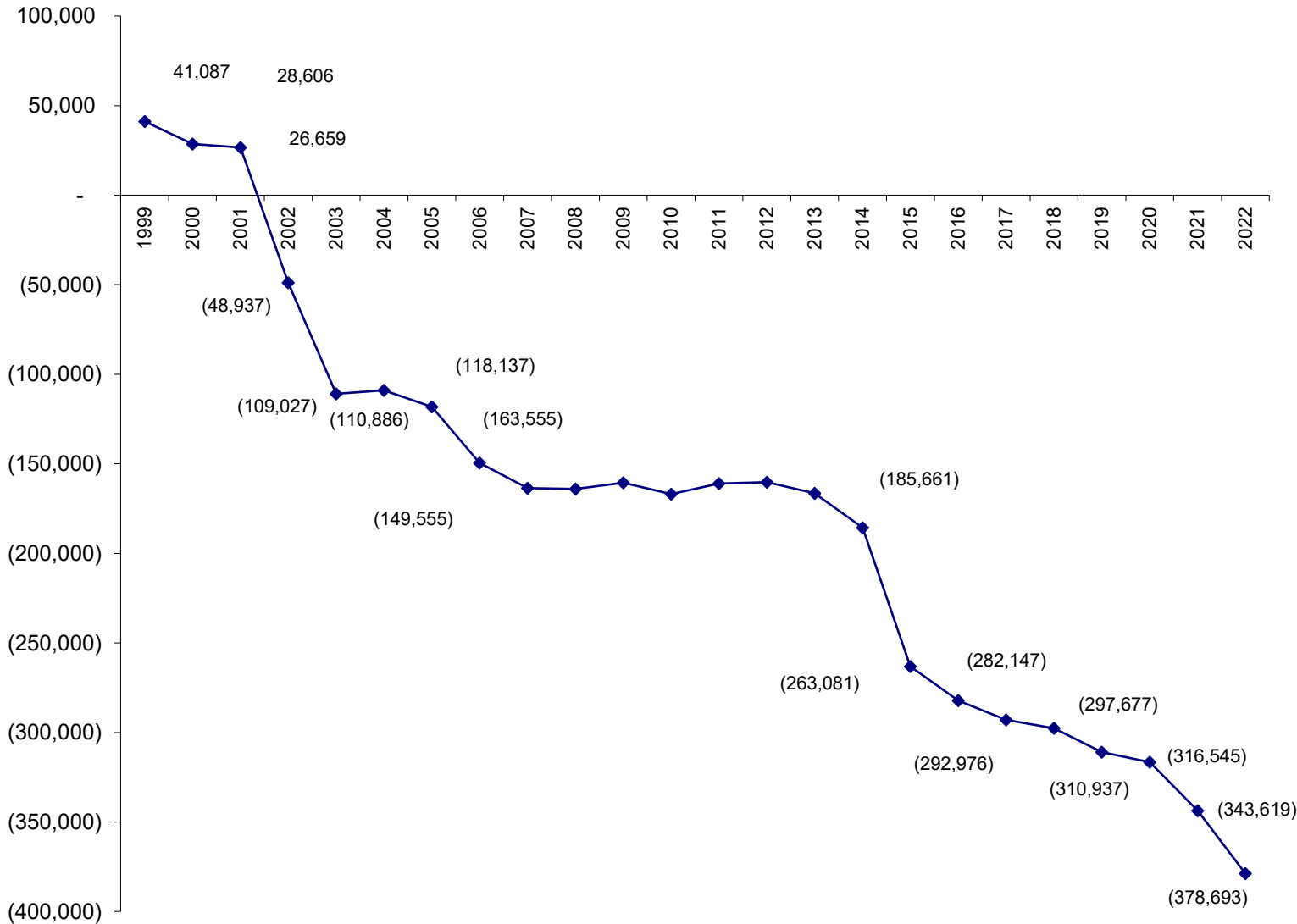


2022 Section 1-B Treaty Performance (preliminary)

2022 Section 1-B Treaty Performance Preliminary

	Nass River Total Return	Nass River Escapement	Allowable Nass River AAH	Allowable D1 GN Harvest (13.8%)	Total Sockeye Harvest	Actual Nass River Alaska Harvest	Overage Underage Per Year	Cumulative overage / - underage
1999	842,806	200,000	642,806	88,707	160,028	129,794	41,087	41,087
2000	625,982	200,000	425,983	58,786	94,651	46,305	(12,481)	28,606
2001	580,611	167,253	413,358	57,043	80,041	55,096	(1,947)	26,659
2002	1,403,975	200,000	1,203,975	166,149	120,353	90,553	(75,596)	(48,937)
2003	1,177,472	200,000	977,472	134,891	105,263	72,942	(61,949)	(110,886)
2004	986,095	200,000	786,095	108,481	142,357	110,340	1,859	(109,027)
2005	666,877	200,000	466,877	64,429	79,725	55,319	(9,110)	(118,137)
2006	775,112	200,000	575,112	79,365	62,770	47,948	(31,417)	(149,555)
2007	602,210	164,747	437,463	60,370	66,822	46,369	(14,001)	(163,555)
2008	380,397	200,000	180,397	24,895	34,113	24,359	(536)	(164,091)
2009	575,336	200,000	375,336	51,796	69,859	55,270	3,474	(160,618)
2010	438,941	200,000	238,941	32,974	62,651	26,613	(6,361)	(166,979)
2011	556,710	200,000	356,710	49,226	88,618	55,122	5,896	(161,083)
2012	476,818	200,000	276,818	38,201	62,342	38,983	782	(160,300)
2013	501,428	200,000	301,428	41,597	54,589	35,471	(6,126)	(166,426)
2014	549,685	200,000	349,685	48,257	55,828	29,022	(19,235)	(185,661)
2015	868,744	200,000	668,744	92,287	28,155	14,867	(77,420)	(263,081)
2016	442,420	200,000	242,420	33,454	39,912	14,388	(19,066)	(282,147)
2017	368,653	200,000	168,653	23,274	25,073	12,445	(10,829)	(292,976)
2018	315,972	200,000	115,972	16,004	19,920	11,303	(4,701)	(297,677)
2019	377,745	200,000	177,745	24,529	15,996	11,269	(13,260)	(310,937)
2020	295,194	200,000	95,194	13,137	9,342	7,528	(5,609)	(316,545)
2021	502,538	200,000	302,538	41,750	21,577	14,677	(27,073)	(343,619)
2022	585,000	200,000	385,000	53,130	26,553	18,056	(35,074)	(378,693)

Treaty Performance - District 1 Drift Gillnet Cumulative Overage/Underage 1999-2022



2022 Section 1-B
Treaty Performance
Preliminary



Photo: Eric Bezenek

Questions



Peak coho salmon helicopter survey counts.

Combined survey count is the sum of counts and interpolated values. Interpolated values are shown in bold.

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Average	2022
Herman Creek	100	25	221	425	20	160	40	75	240	280	660	142	208
Grant Creek	94	60	138	80	200	25	167	55	60	80	297	109	20
Eulachon River	350	400	536	50	550	810	540	280	220	2,200	980	462	1,500
Klahini River	75	175	138	660	136	450	280	70	113	100	299	273	170
Indian River	175	170	864	1,500	1,200	370	850	610	420	950	400	733	350
Barrier Creek	74	40	164	242	146	90	20	95	20	30	320	111	150
King Creek	110	680	602	850	550	540	100	595	800	850	610	490	220
Choca Creek	85	110	200	400	200	315	240	110	700	60	210	221	150
Carroll River	225	330	215	220	450	750	285	160	60	20	900	354	434
Blossom River	1,235	2,400	2,140	2,000	2,310	3,070	3,100	3,100	2,200	1,800	9,000	2,322	4,400
Keta River	739	3,300	1,560	1,300	1,470	2,470	2,450	3,300	570	1,400	3,600	1,898	2,200
Marten River	350	2,650	2,370	2,661	1,555	2,120	1,675	1,750	1,410	200	1,230	1,912	450
Humpback Creek	850	360	530	1,110	210	280	830	864	600	200	1,000	596	120
Tombstone River	726	1,250	1,340	5,000	1,035	1,970	980	2,700	500	440	1,500	1,757	1,573
Hugh Smith Lake - weir count	2,016	1,838	3,023	4,030	942	977	1,267	619	1,239	634	903	1,547	884
Combined Survey Count	7,205	13,788	14,041	20,528	10,974	14,397	12,824	14,383	9,152	9,244	21,909	12,928	12,829

Coho Survey Table

Alaska's Northern Boundary Fisheries

