

2024 Section 1-B drift gillnet fishery review



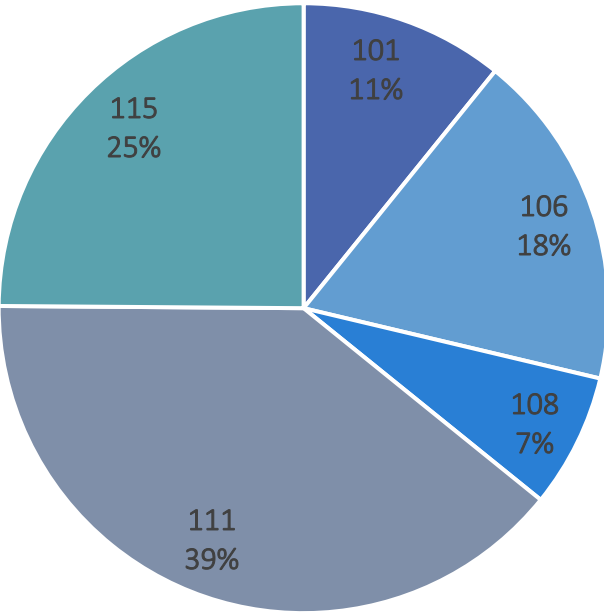
2024 Post Season Review

Whitney Crittenden & Justin Breese

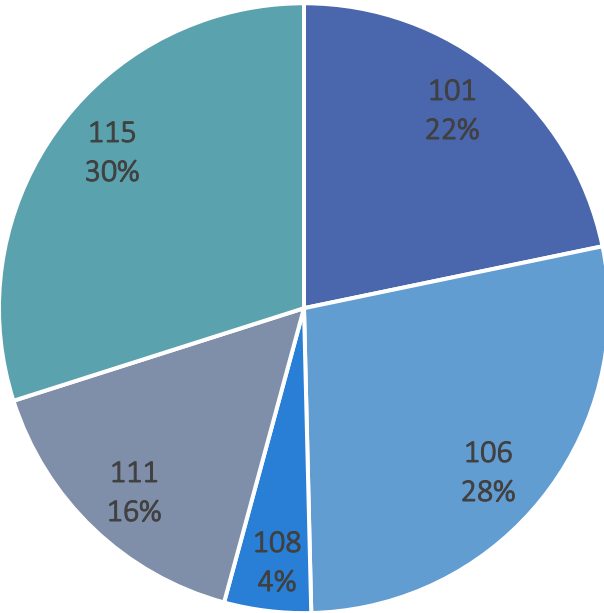


2024 SEAK Gillnet Harvest by District

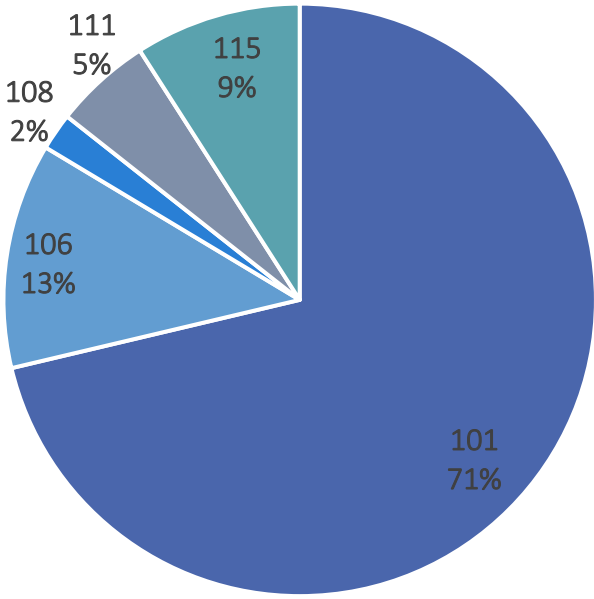
Sockeye Harvest by District



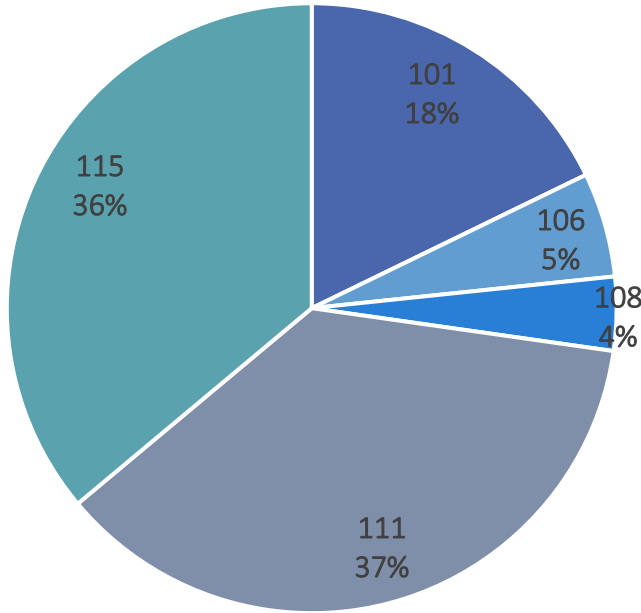
Coho Harvest by District



Pink Harvest by District



Chum Harvest by District



Figures do not include THA

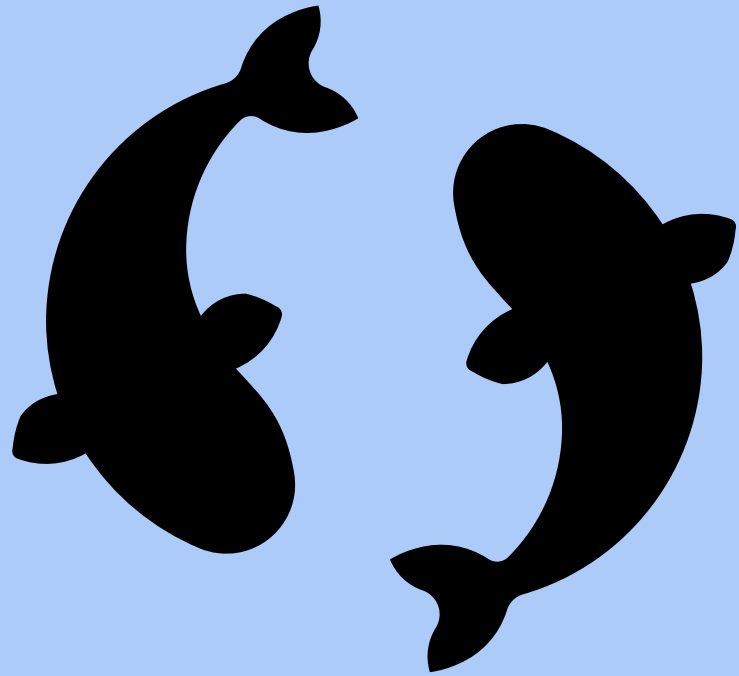
Fishery	Chinook	Sockeye	Coho	Pink	Chum	Totals
Section 1-B GN	1,166	24,587	45,078	88,176	401,534	560,541
District 1 PS	50	74,807	43,119	5,979,724	658,211	6,755,911
District 2 PS	17	32,565	14,761	1,228,218	393,921	1,669,482
District 3 PS	324	15,356	34,939	3,132,325	90,647	3,273,591
District 4 PS	7,624	142,129	72,860	4,554,108	300,219	5,076,940
Neets Bay THA GN	38				2,209	2,247
Neets Bay THA PS	170	723	64	379	231,029	232,365
Nakat THA GN	219	941	5,351	7,649	401,582	415,742
Kendrick THA PS	25	4,965	1,584	71,631	487,184	565,389
Carroll THA GN	1,694				135	1,829
Carroll THA PS	2,240	1	1		232	2,474
Annette Island GN	887	1,909	18,089	12,598	180,925	214,408
Annette Island PS	1,094	15,773	11,914	1,052,550	344,021	1,425,352
Totals	15,548	313,756	247,760	16,127,358	3,491,849	20,196,271

Ketchikan Net Harvest – 2024

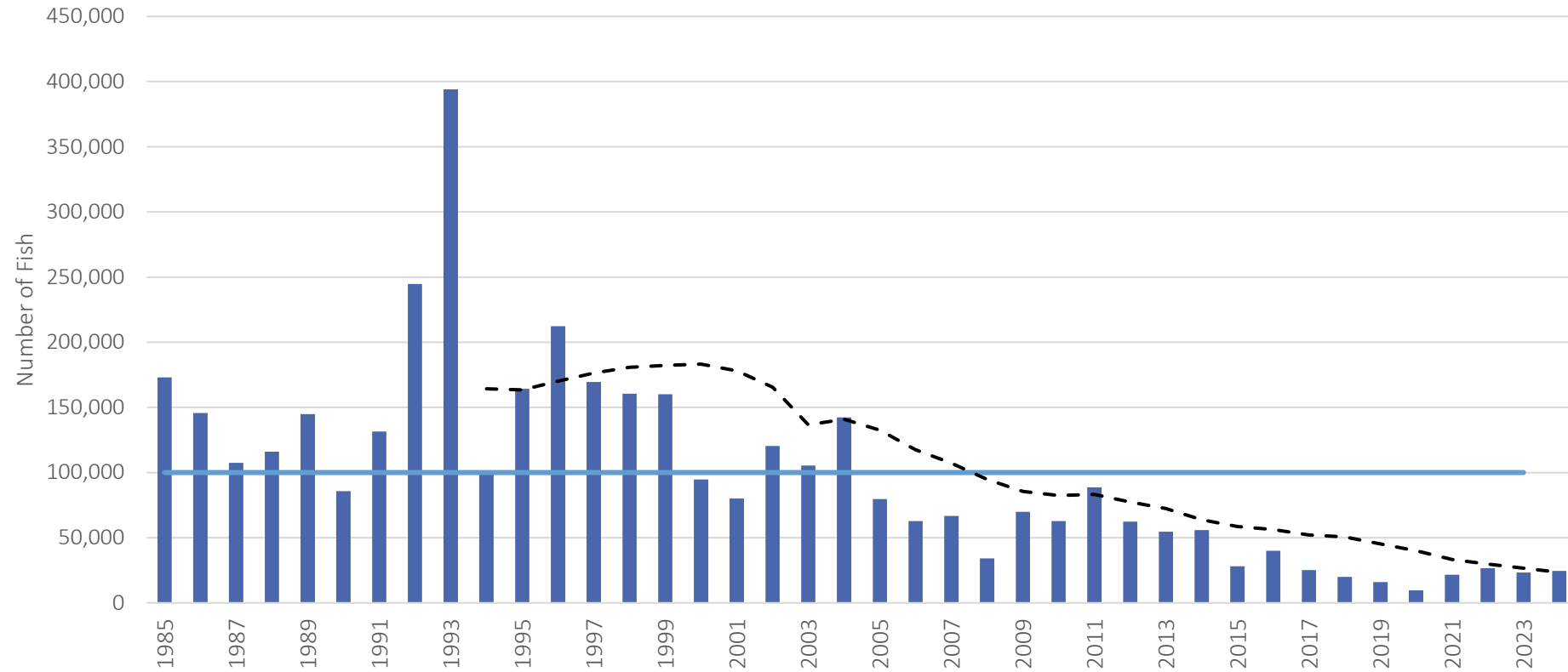
Section 1-B Annual Harvest by Opening

	Opening	Chinook	Sockeye	Coho	Pink	Chum	Boats	Hours
Sockeye & chum management	25	357	2,460	33	130	22,009	15	96
	26	316	1,849	98	222	44,095	32	96
	27	216	4,086	78	192	70,016	37	96
	28	139	3,164	144	1,883	49,099	38	96
	29	86	2,350	243	5,082	48,866	36	96
Pink salmon management	30	21	3,252	248	8,942	41,513	31	96
	31	7	2,730	317	10,006	34,964	27	96
	32	4	2,237	355	18,105	27,350	32	120
	33	4	1,349	948	18,621	23,319	24	120
	34	4	558	2,574	14,755	13,458	24	120
Fall chum & coho management	35	3	429	9,358	8,099	17,647	30	120
	36	4	110	11,060	2,000	5,543	32	96
	37	5	12	13,216	128	3,073	24	120
	38		1	5,641	11	459	20	120
	39			765		123	8	120
Total		1,166	24,587	45,078	88,176	401,534	50	1,608

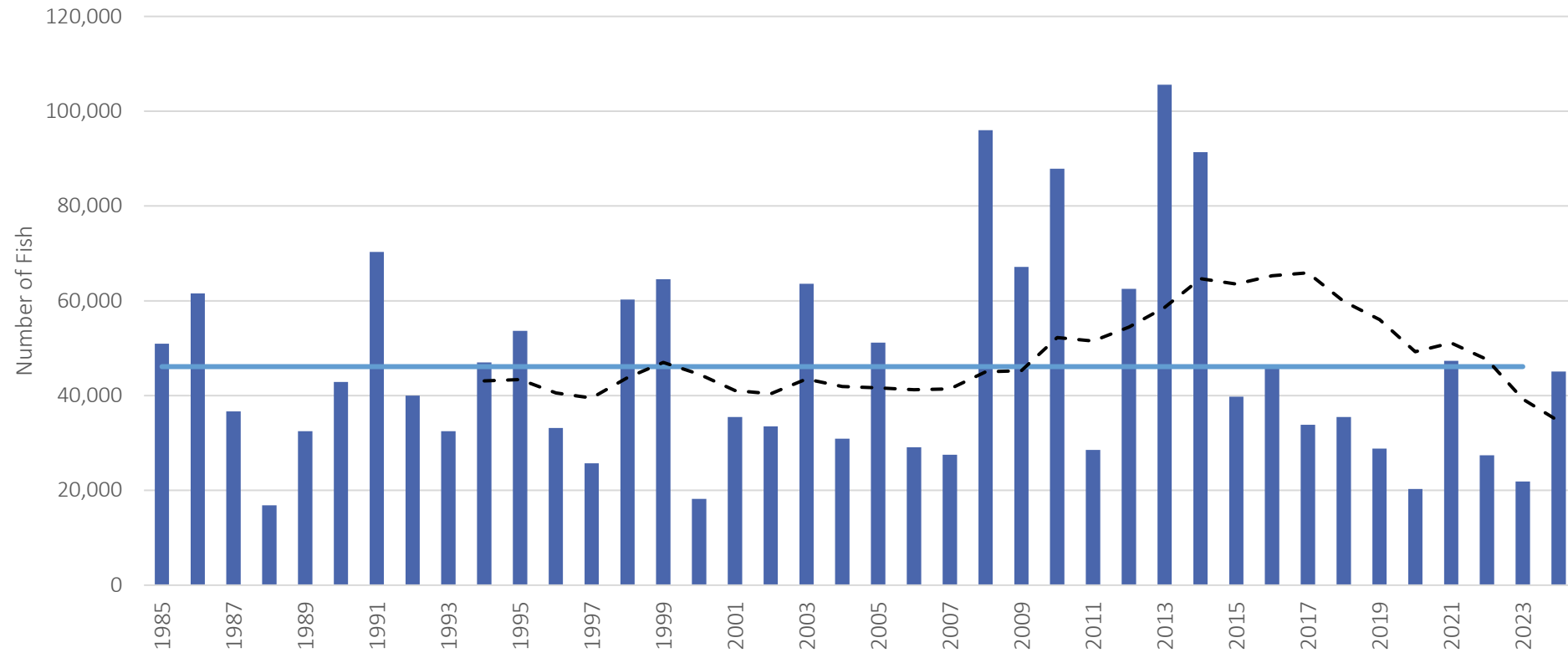
Sockeye harvest ranked 35 of 40 for treaty period



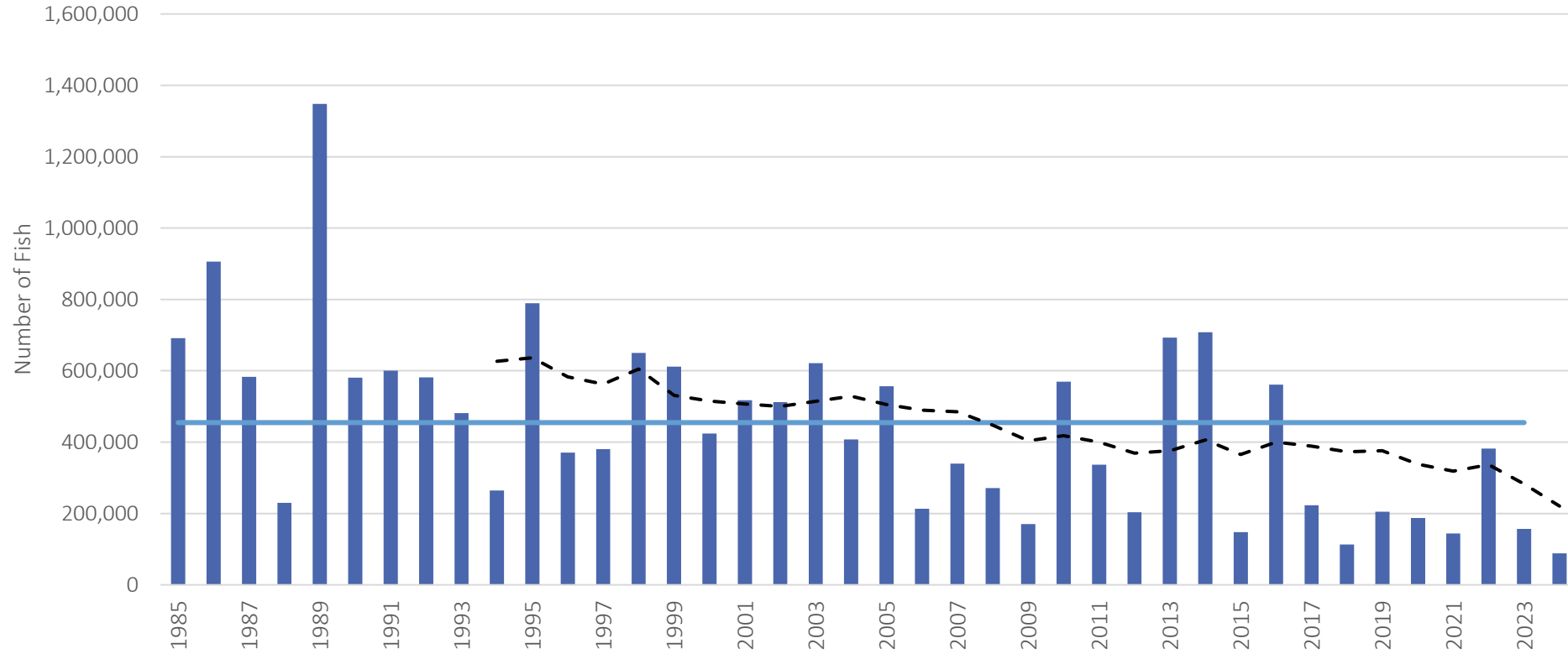
2024 Section 1-B Annual Harvest by Species



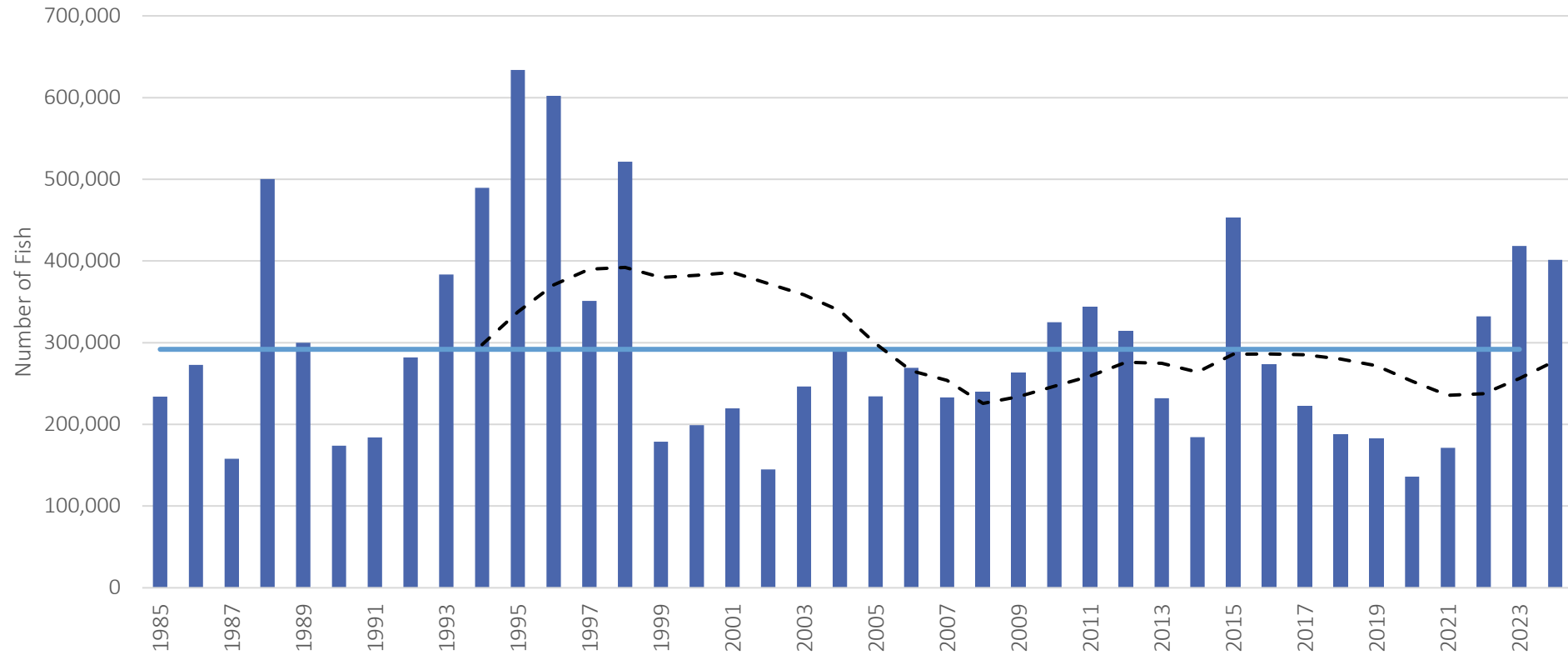
Section 1-B Gillnet Annual Sockeye Harvest



Section 1-B Gillnet Annual Coho Harvest



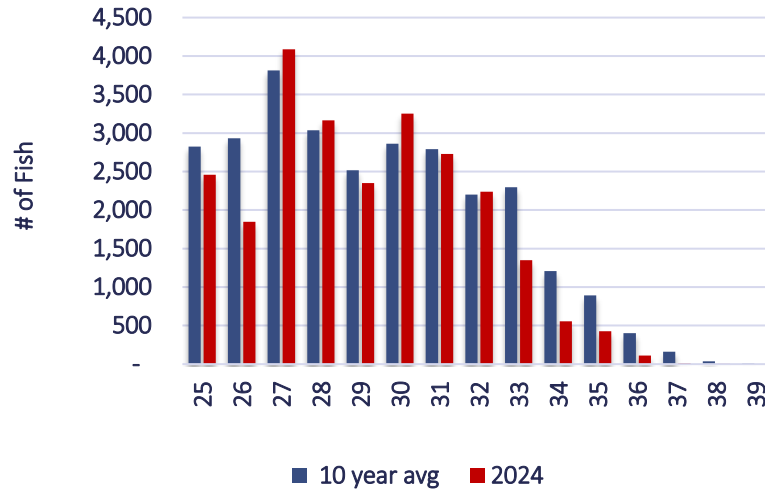
Section 1-B Gillnet Annual Pink Harvest



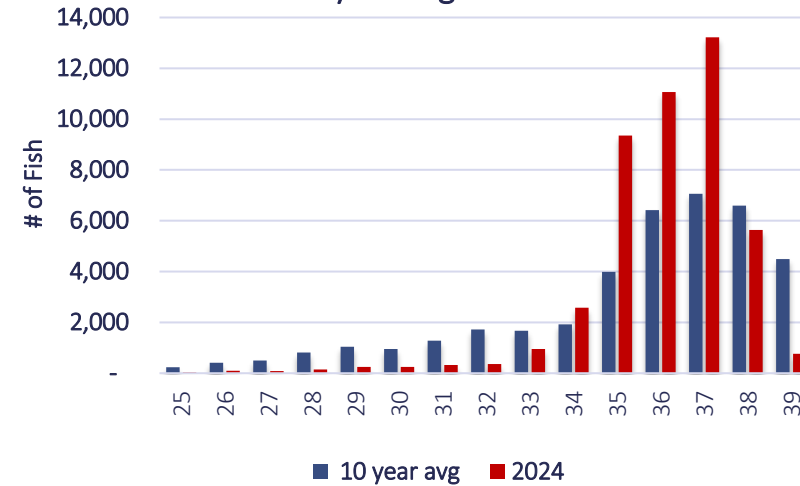
Section 1-B Gillnet Annual Chum Harvest

2024 Section 1-B Drift Gillnet – Weekly Harvest

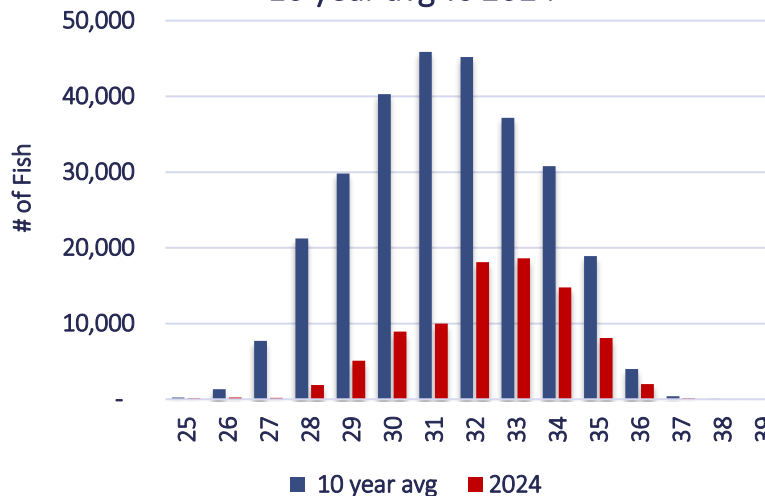
Section 1-B Weekly Sockeye Harvest
10 year avg vs 2024



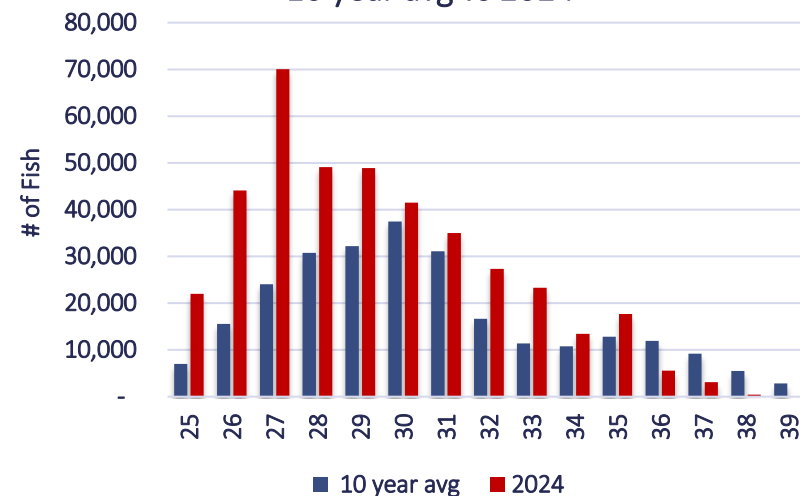
Section 1-B Weekly Coho Harvest
10 year avg vs 2024

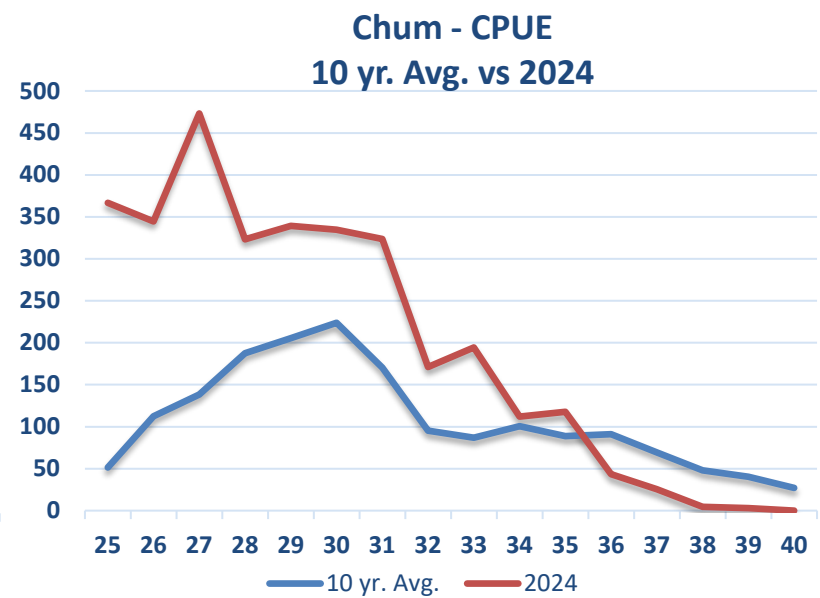
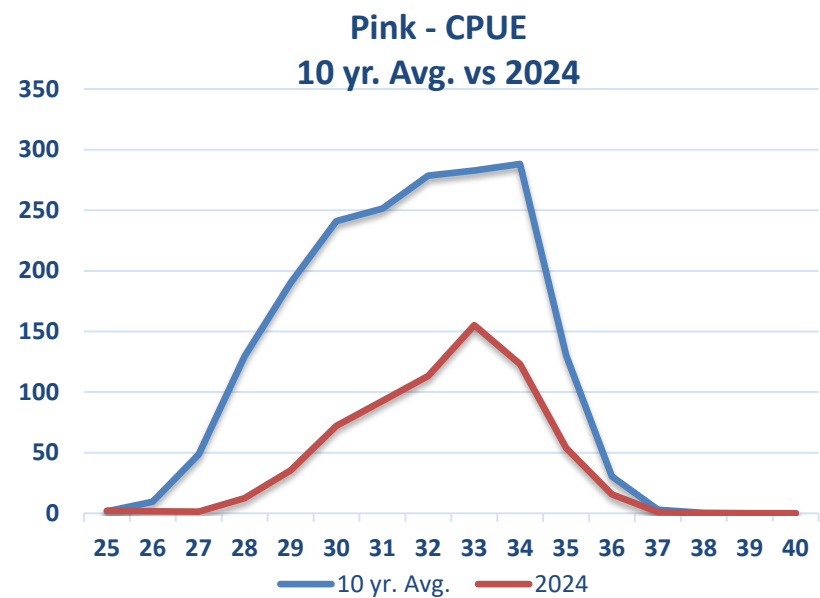
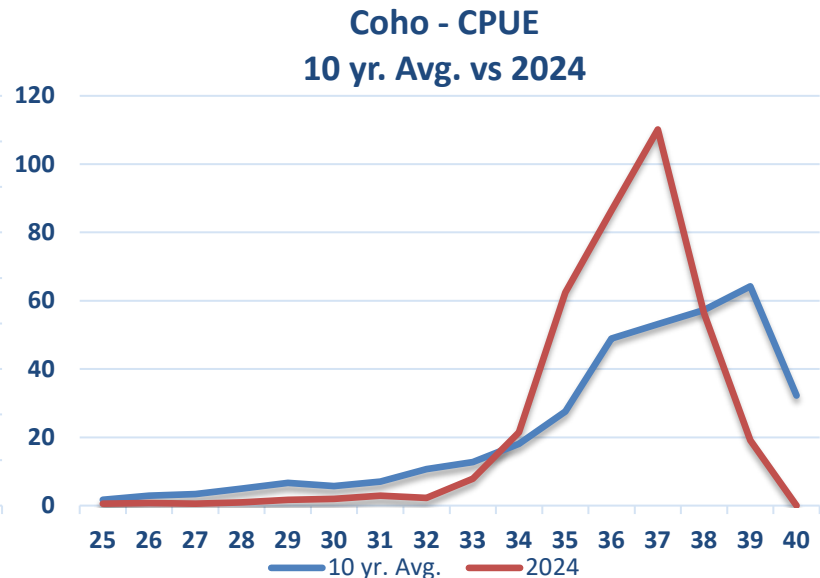
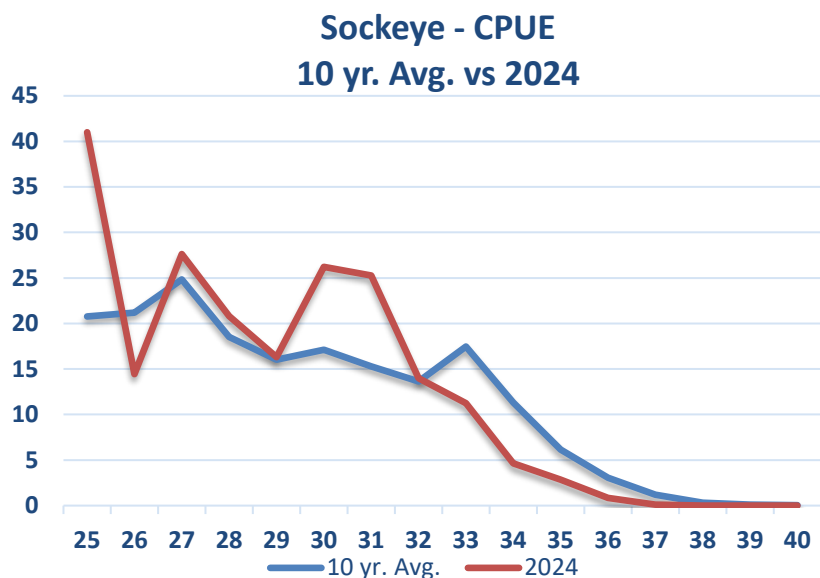


Section 1-B Weekly Pink Harvest
10 year avg vs 2024



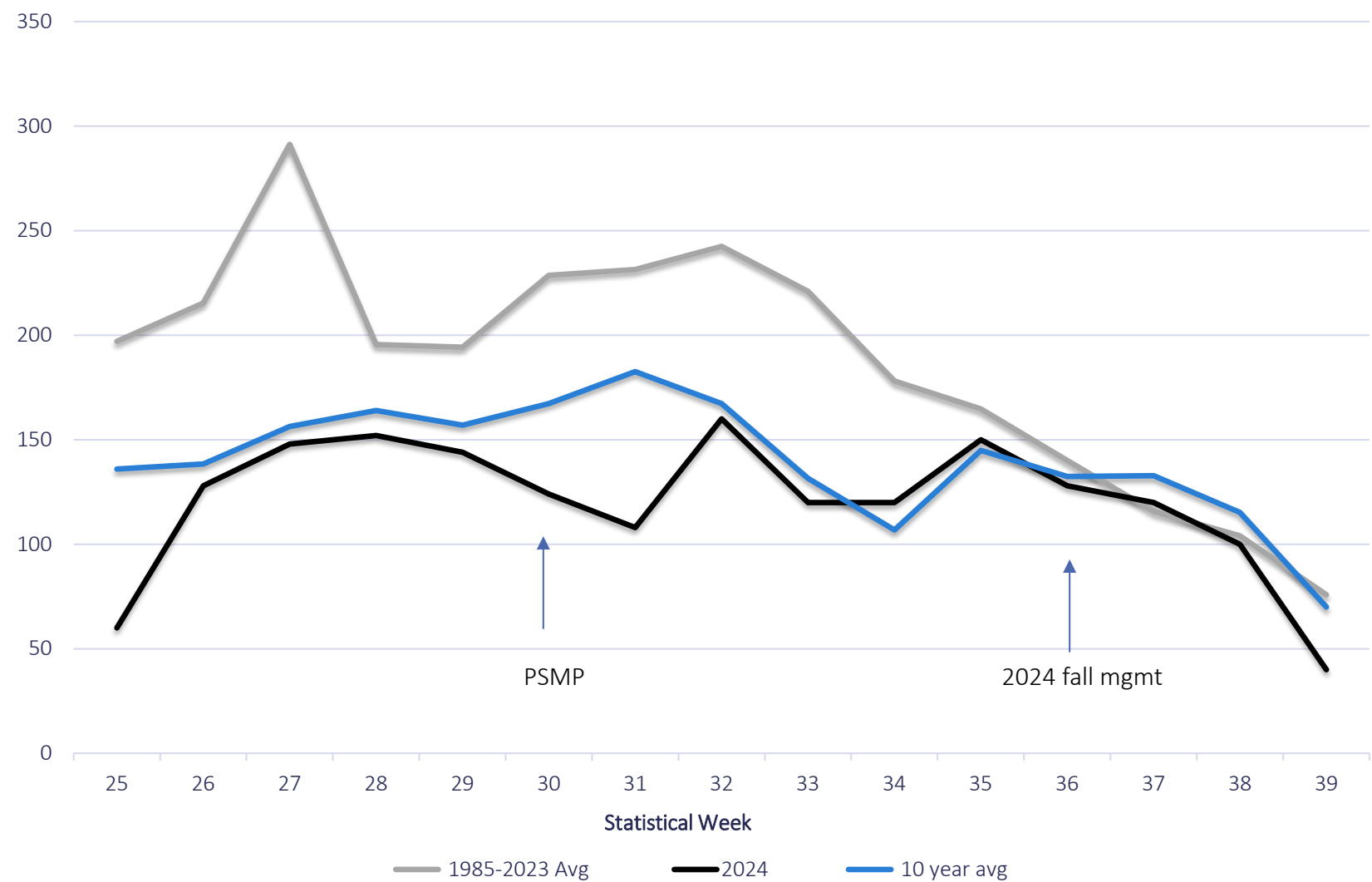
Section 1-B Weekly Chum Harvest
10 year avg vs 2024





Section 1-B
Catch per
unit effort

2024 Section 1-B Boat Day Comparison



SSRAA Nakat Inlet THA Forecast 2024

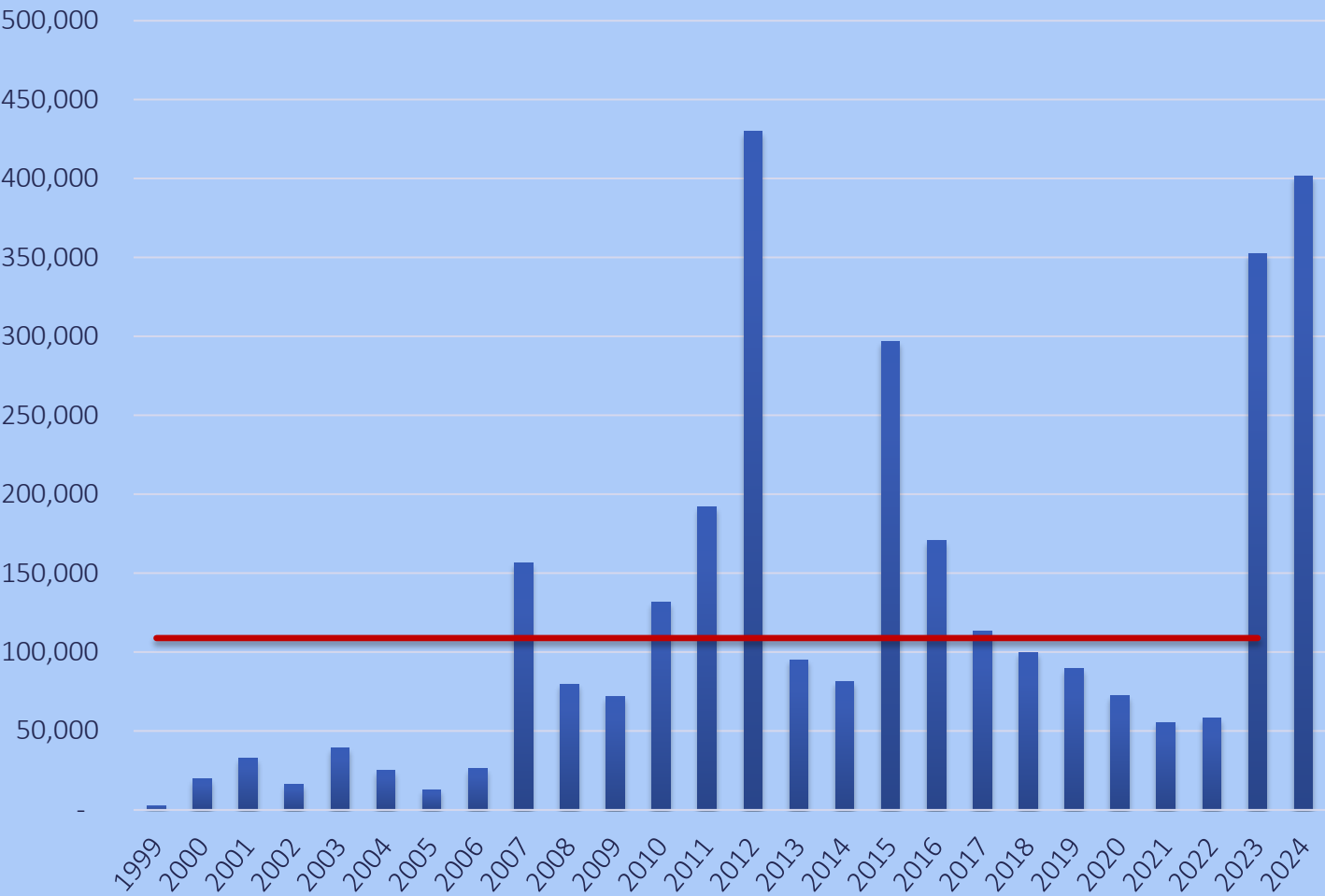
415,000 Summer Chum
20,000 Fall Chum

Total Enhanced Nakat Inlet Chum Harvest

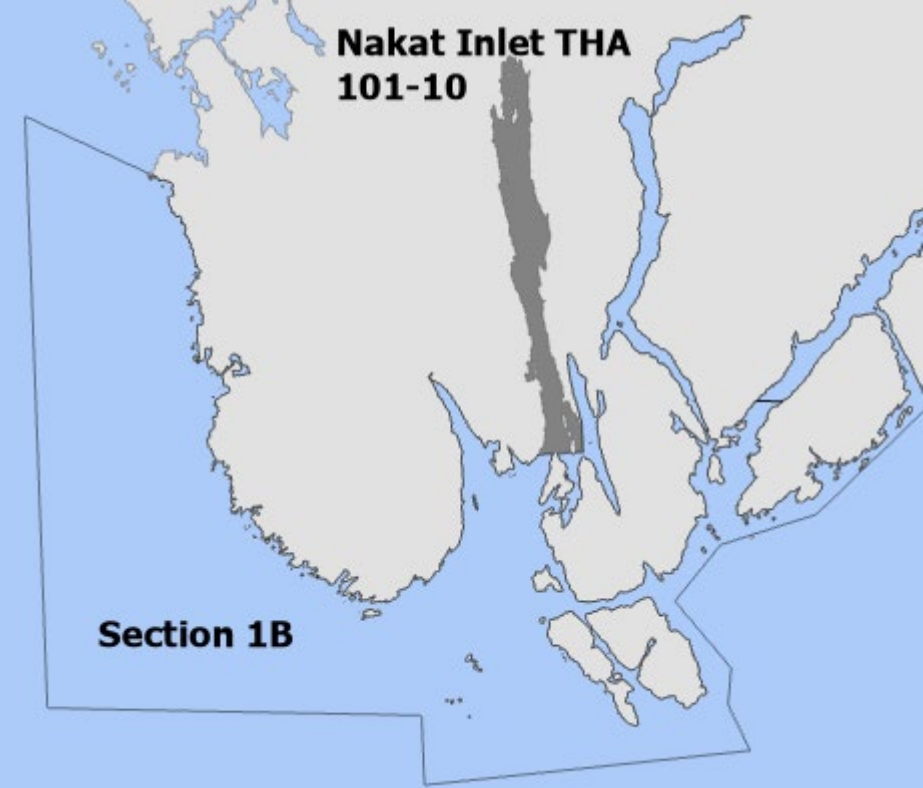
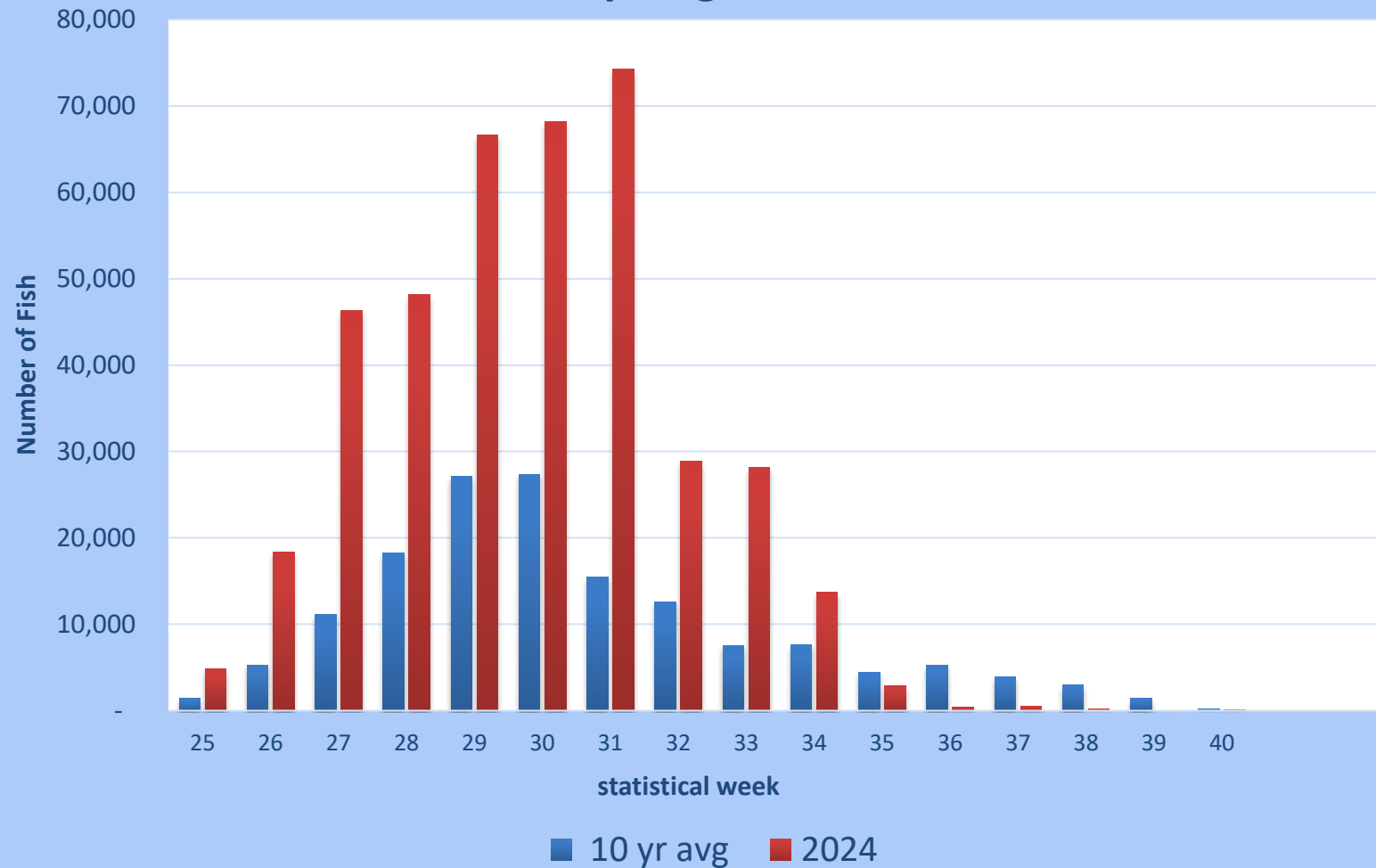
Gillnet CP	197,000
Seine CP	52,000
Gillnet THA	388,000
Total	637,000

Data provided by SSRAA

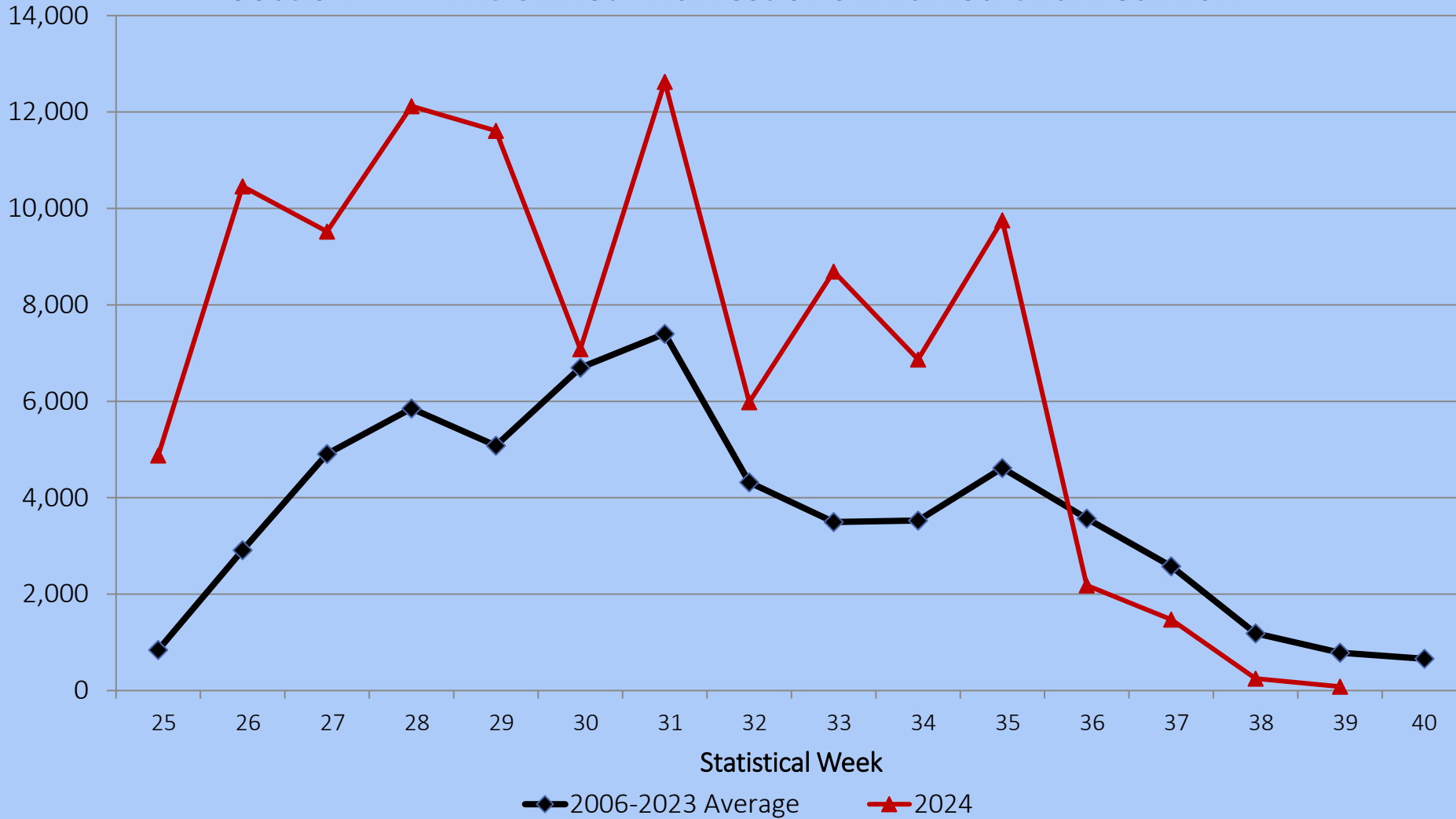
Nakat Inlet THA Drift Gillnet Chum Harvest



Nakat Inlet THA Gillnet Chum Harvest 10 yr avg. vs. 2024



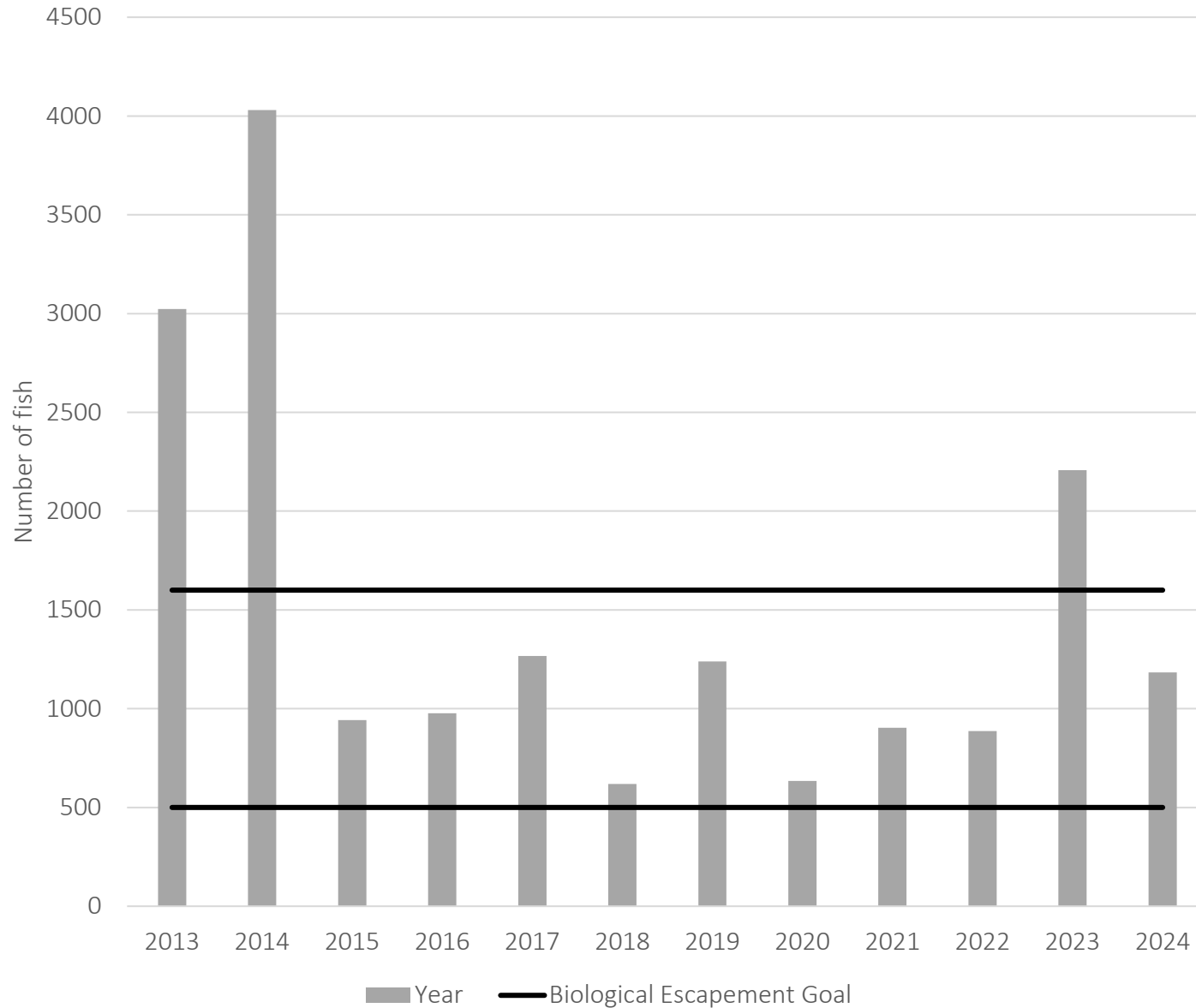
Section 1-B Drift Gillnet - Harvest of Unmarked Chum Salmon



Unmarked
Chum

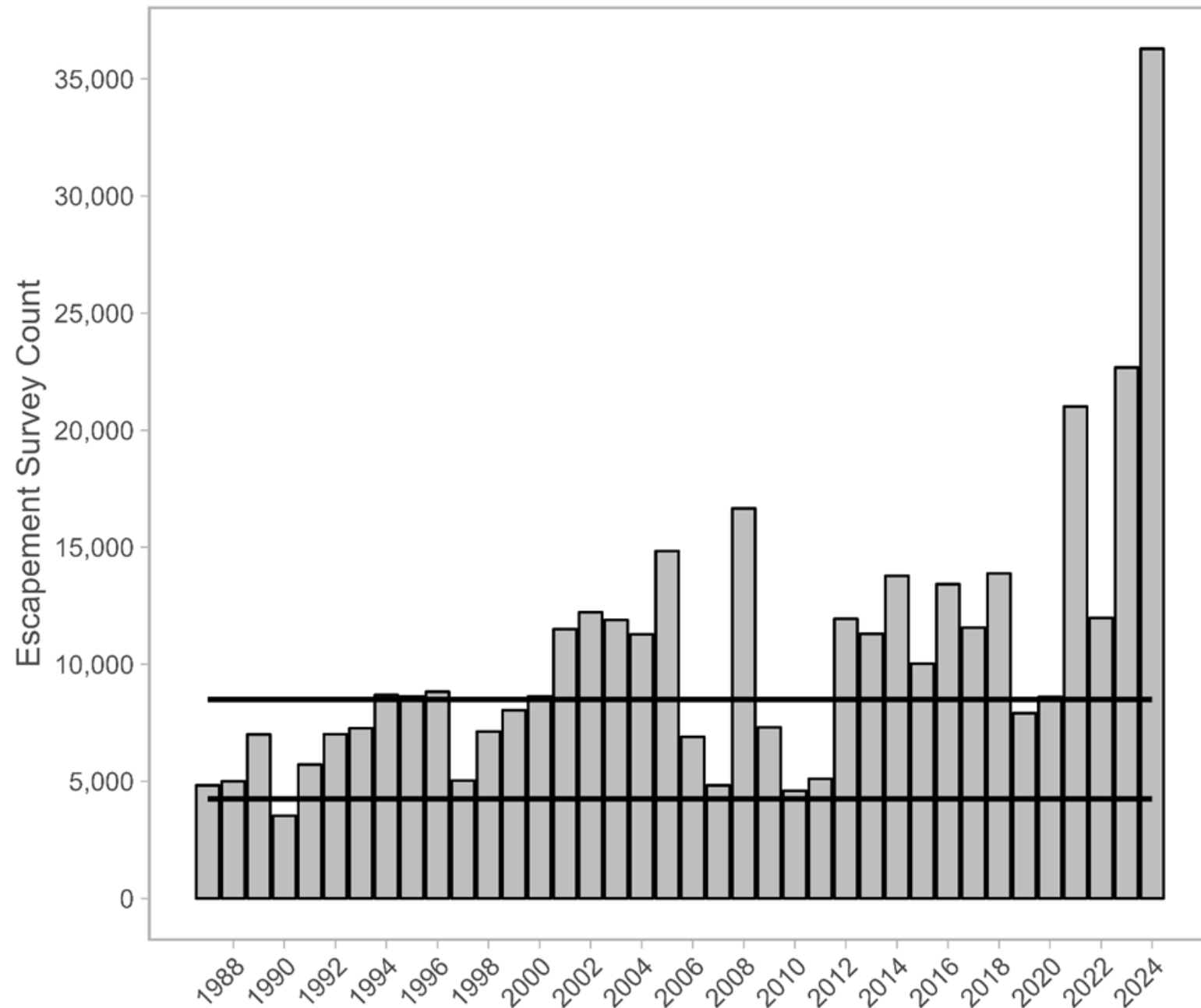
15

Hugh Smith Weir Coho Count



Hugh Smith
Weir Coho
Count 2024 –
1,186 fish

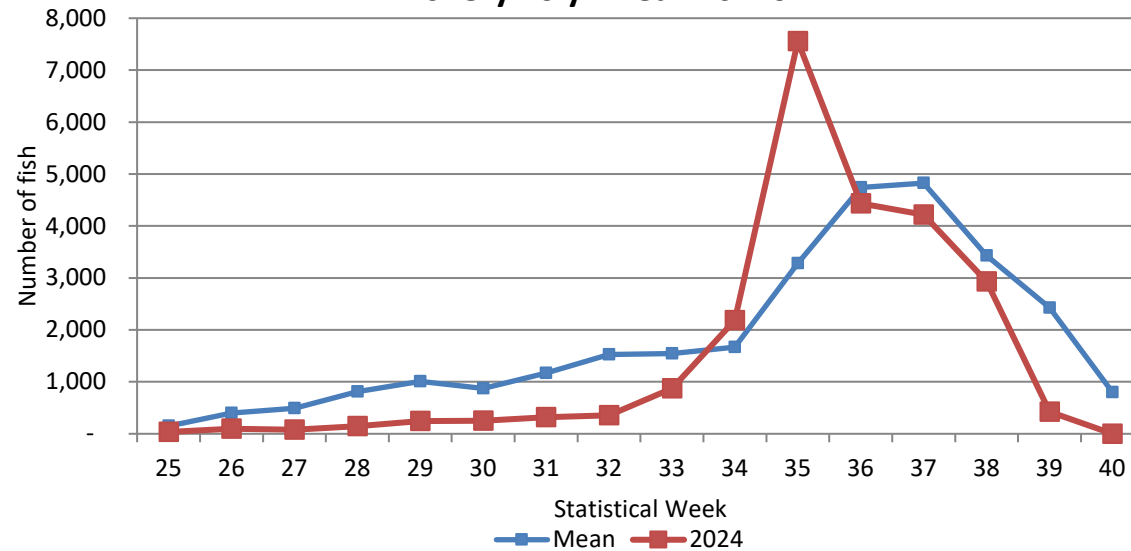
Ketchikan Coho Escapement Survey Index



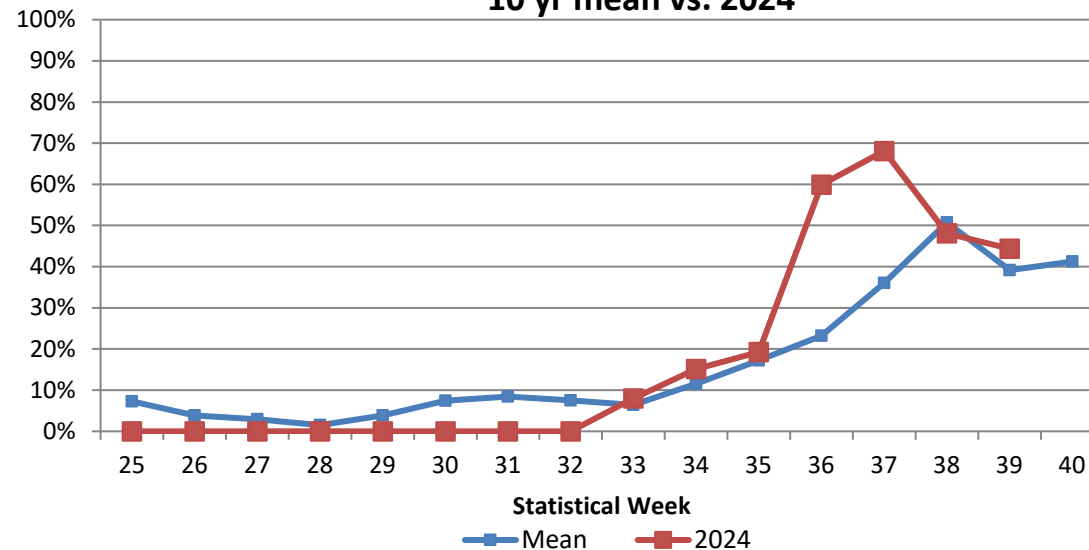
2024 Coho
Salmon Index
Stream Counts

2024 Section 1-B Wild & Hatchery Coho Contribution

Numbers of Wild Coho in the Portland Canal drift gillnet fishery 10 yr mean vs. 2024



Percent of Hatchery Fish in Portland Canal drift gillnet fishery 10 yr mean vs. 2024

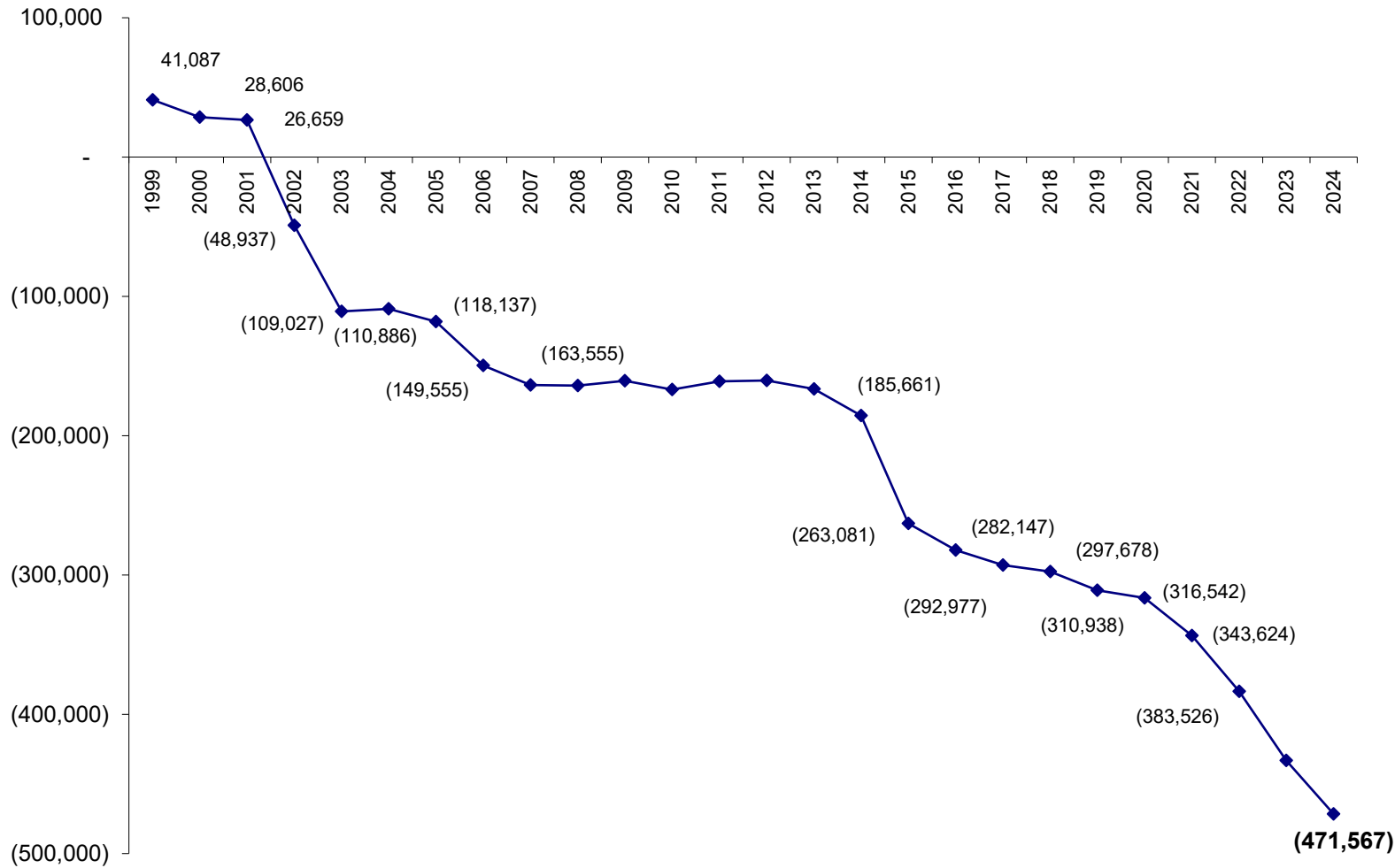


2024 Section 1-B Treaty Performance (preliminary)

2024 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	368,660	200,000	168,660	23,275	25,073	12,445	(10,830)	(292,977)
2018	315,975	200,000	115,975	16,005	19,920	11,303	(4,702)	(297,678)
2019	377,745	200,000	177,745	24,529	15,996	11,269	(13,260)	(310,938)
2020	295,163	200,000	95,163	13,132	9,342	7,528	(5,604)	(316,542)
2021	502,536	200,000	302,536	41,750	21,577	14,668	(27,082)	(343,624)
2022	622,420	200,000	422,420	58,294	26,553	18,392	(39,902)	(383,526)
2023	696,046	200,000	496,046	68,454	23,299	18,813	(49,641)	(433,168)
2024	600,000	200,000	400,000	55,200	24,000	16,800	(38,400)	(471,567)

Treaty Performance - District 1 Drift Gillnet Cumulative Overage/Underage 1999-2024

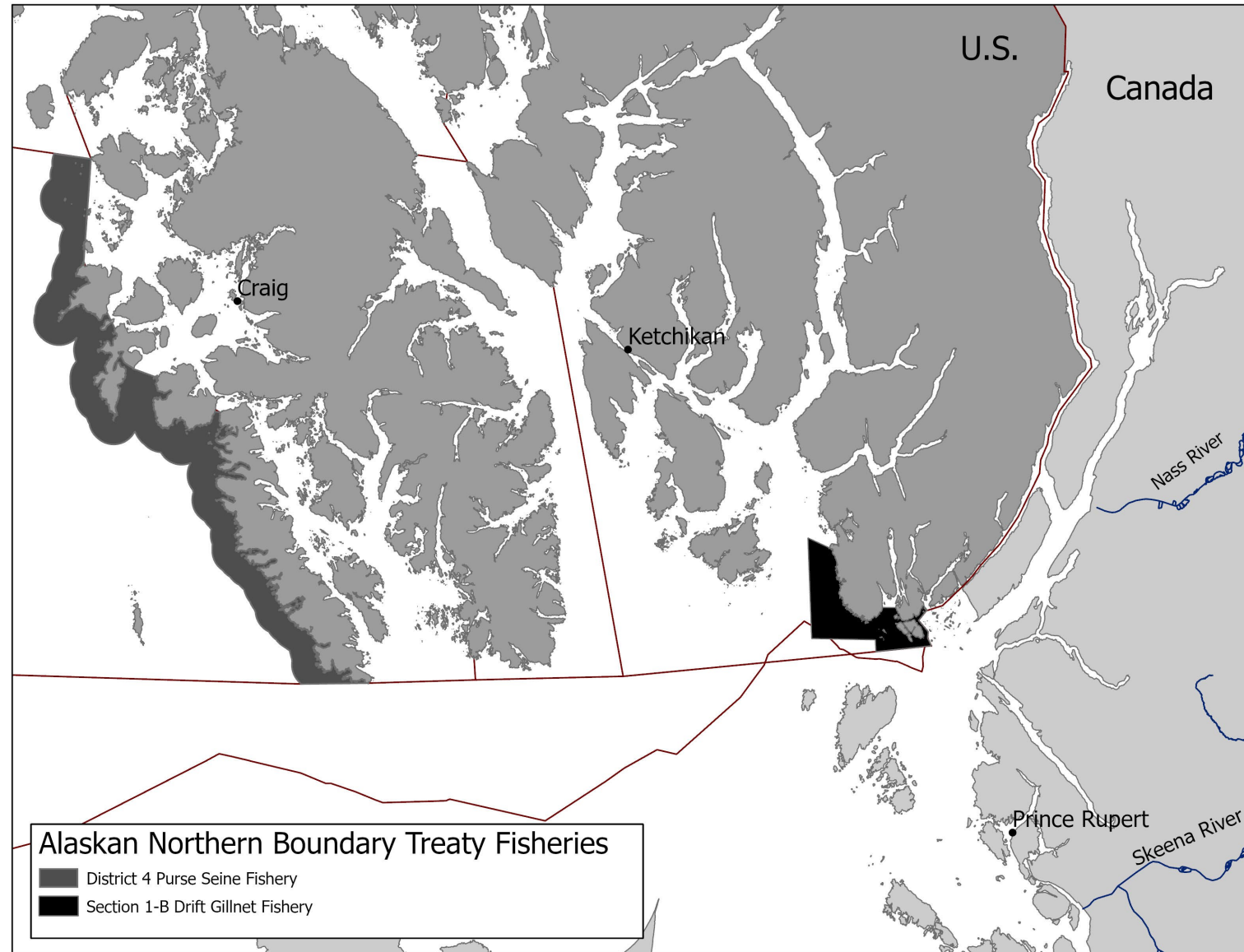


2024 Section 1-B
Treaty
Performance
Preliminary

Questions



Alaska's Northern Boundary Fisheries



Placeholder for sockeye stock composition from genetics

Stat Week	Chinook	Sockeye	Coho	Pink	Chum
25	3%	27%	2%	2%	66%
26	2%	14%	2%	6%	75%
27	1%	11%	2%	22%	64%
28	0%	6%	1%	29%	64%
29	0%	4%	2%	45%	49%
30	0%	4%	1%	49%	46%
31	0%	3%	2%	57%	38%
32	0%	3%	3%	70%	24%
33	0%	4%	3%	71%	22%
34	0%	3%	4%	69%	24%
35	0%	2%	11%	52%	35%
36	0%	2%	28%	18%	52%
37	0%	1%	42%	2%	55%
38	0%	0%	54%	0%	45%
39	0%	0%	61%	0%	39%

Harvest as a percentage of species by week
for Section 1-B (10-year average)