

DISTRICT 15 (LYNN CANAL) DRIFT GILLNET FISHERY

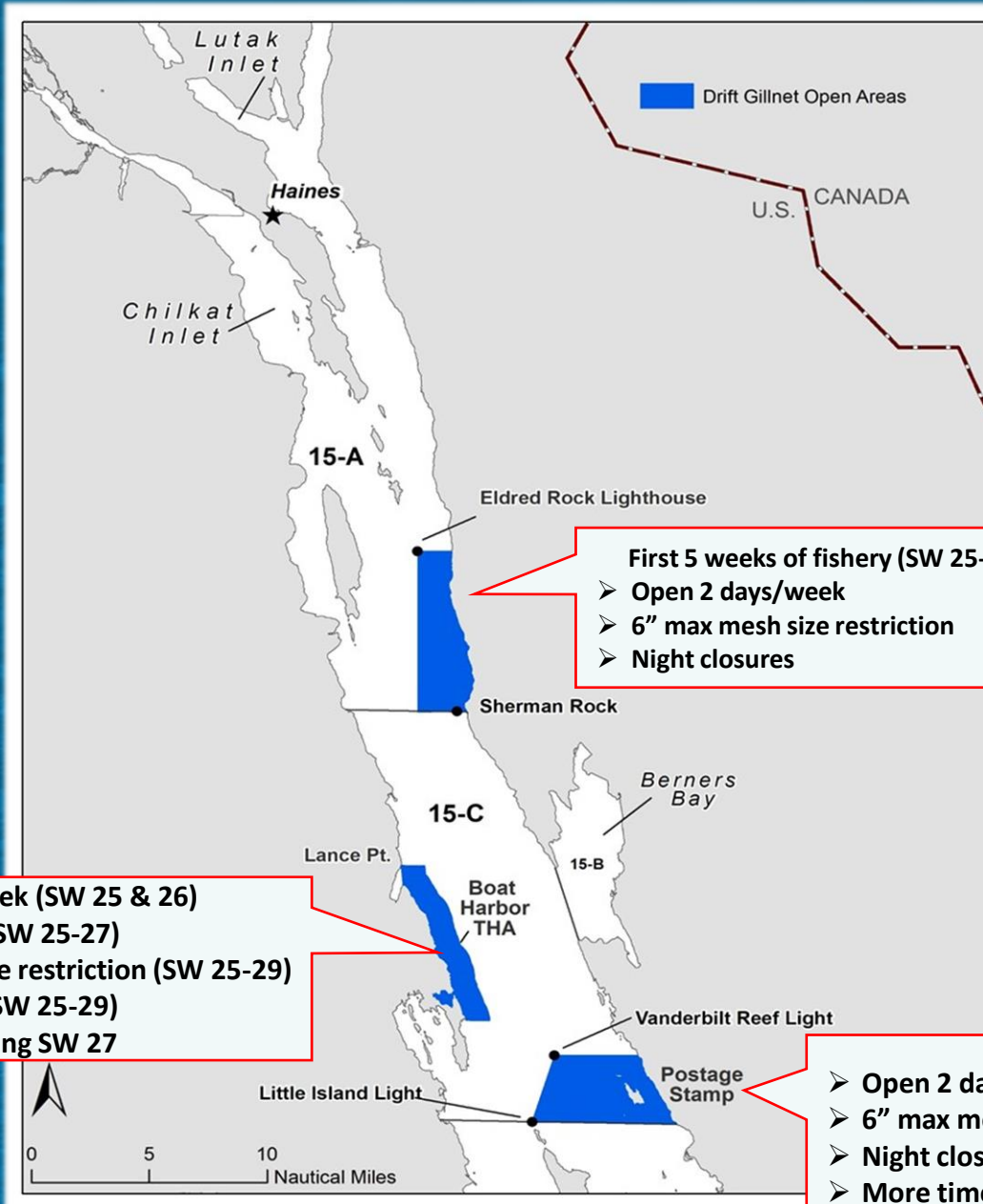
2023 POSTSEASON SUMMARY



**Nicole Zeiser
Drift Gillnet Task Force Meeting
November 28, 2023
Wrangell, AK**

2023 CHILKAT RIVER CHINOOK SALMON CONSERVATION MEASURES

➤ BOF Adopted Action Plan for SOC



DISTRICT 15 GILLNET TIME, EFFORT, AND HARVEST

		Days Open			Districtwide Common Property						
		Traditional Fishery		Boat Harbor THA ^{a,c}	Boats	Boat Days	Chinook	Sockeye	Coho	Pink	Chum
Stat Week		15A	15C	Outside waters							
Sockeye Management	25	2	2	2	82	164	87	1132	2	24	49,976
	26	2	2	2	120	240	30	2,140	15	960	106,058
	27	2	3	3	140	420	83	4,879	145	6,109	213,097
	28	2	4	4	118	472	45	12,036	171	35,569	288,239
	29	3	4	5	125	625	64	22,807	120	26,192	312,810
	30	3	3	7	116	812	11	33,754	148	23,686	198,398
	31	5	4	7	110	770	10	41,671	70	26,290	106,146
Fall Management	32	5	4	7	80	560	3	22,538	53	13,936	52,754
	33	5	3	7	53	371	1	6,594	168	6,720	9,796
	34	5	3	3	54	270	4	7,017	757	3,097	8,141
	35	5	3	Traditional fishery	46	230	4	4,584	2,393	543	10,537
	36	3	3		40	120	0	412	3,131	49	9,047
	37	4	4		39	156	1	311	10,713	0	16,174
	38	4	4		30	120	0	85	4,740	0	5,791
	39	4	4		17	52	0	6	2,261	0	3,112
40&41	8	8		11	40	1	2	619	0	1,104	
		Season Closed Oct. 12									

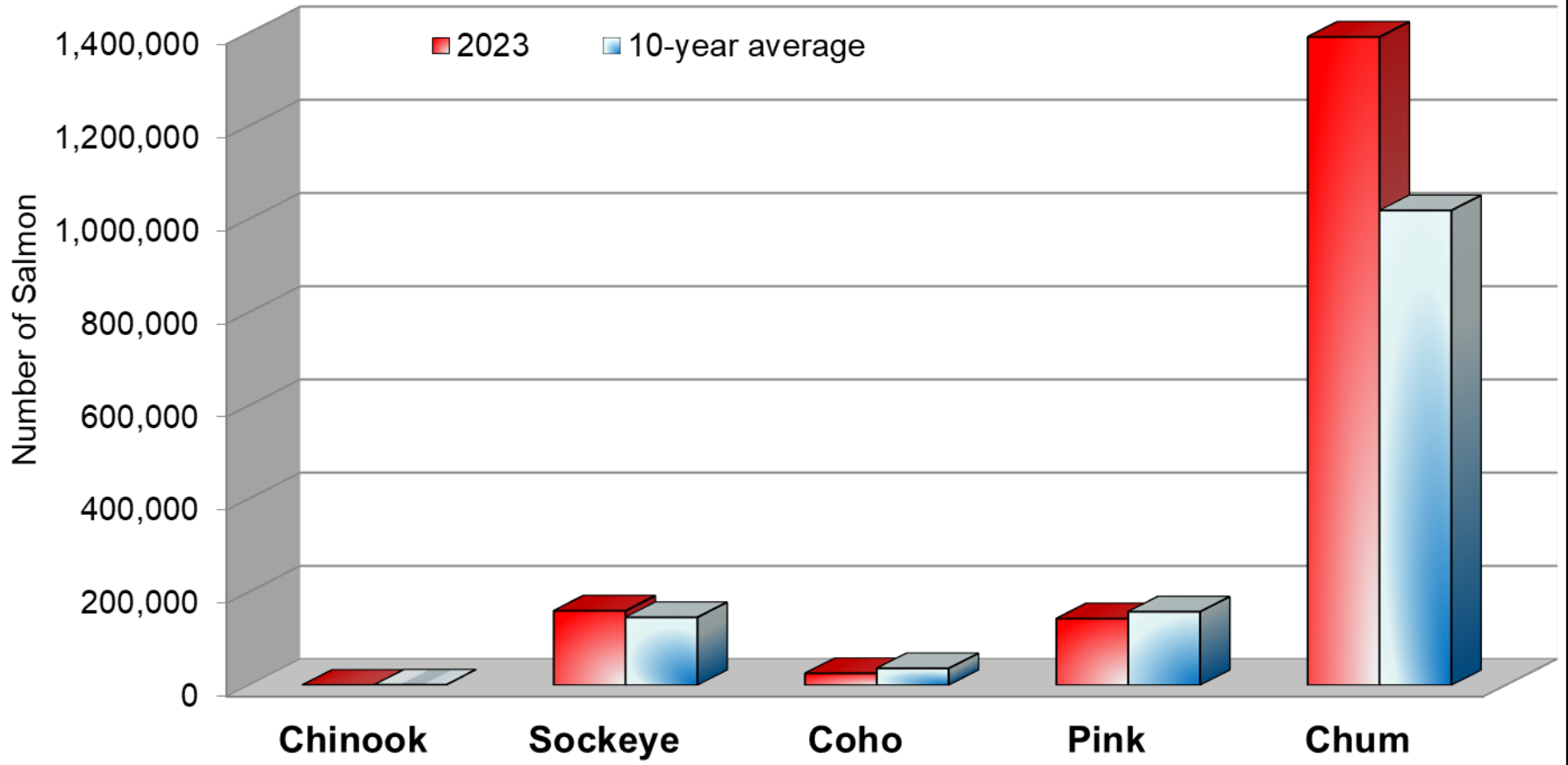
Fishery Total	62	58	50	168	10,416	344	159,968	25,506	143,175	1,391,180
2013-2022 Average^b	51	48	N/A	218.44	10,898	920	145,886	36,361	157,971	1,018,845
2023 % Average	122%	121%	N/A	77%	96%	37%	110%	70%	91%	137%

^a Inside waters of Boat Harbor THA open 7 days a week from SW 25-35

^b All averages from SW 25–41

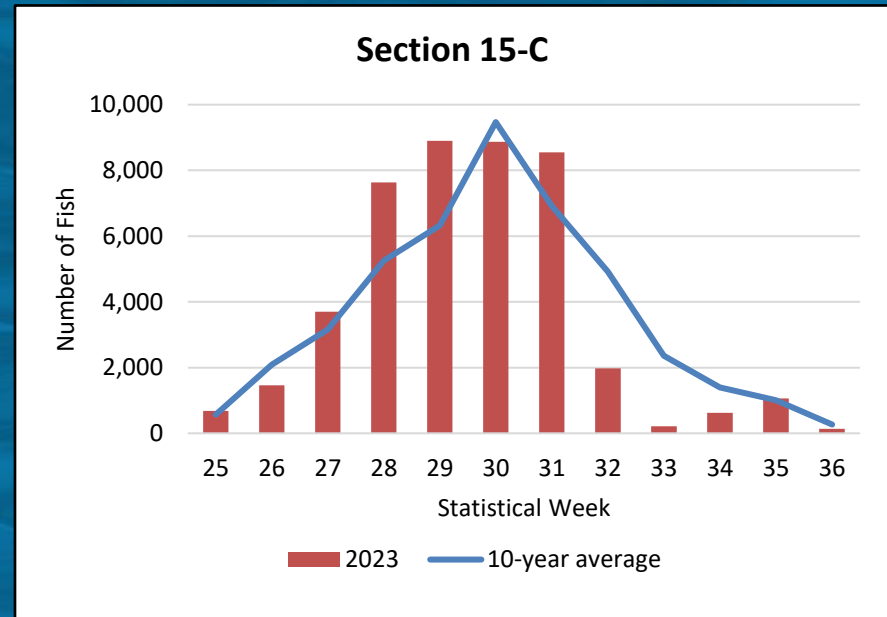
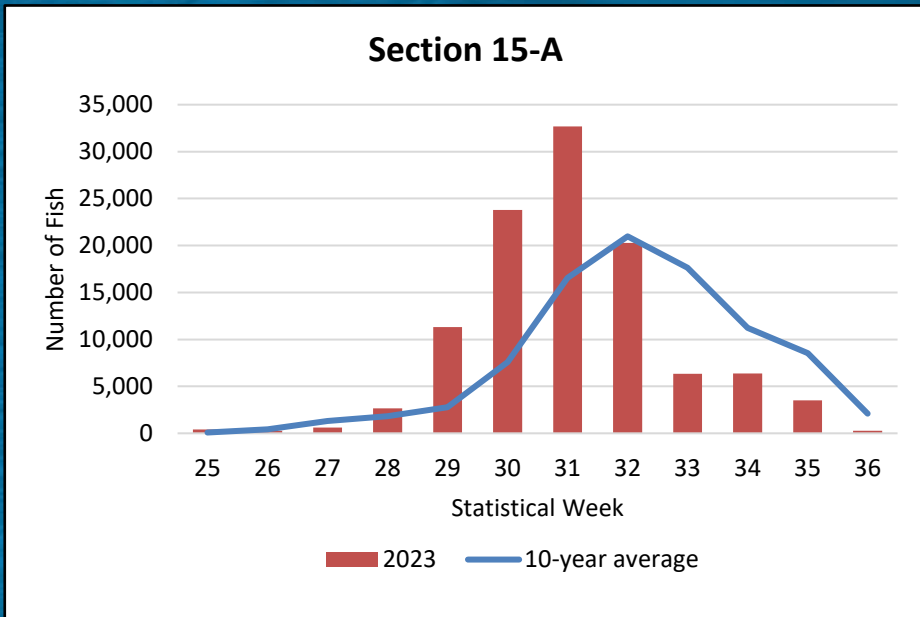
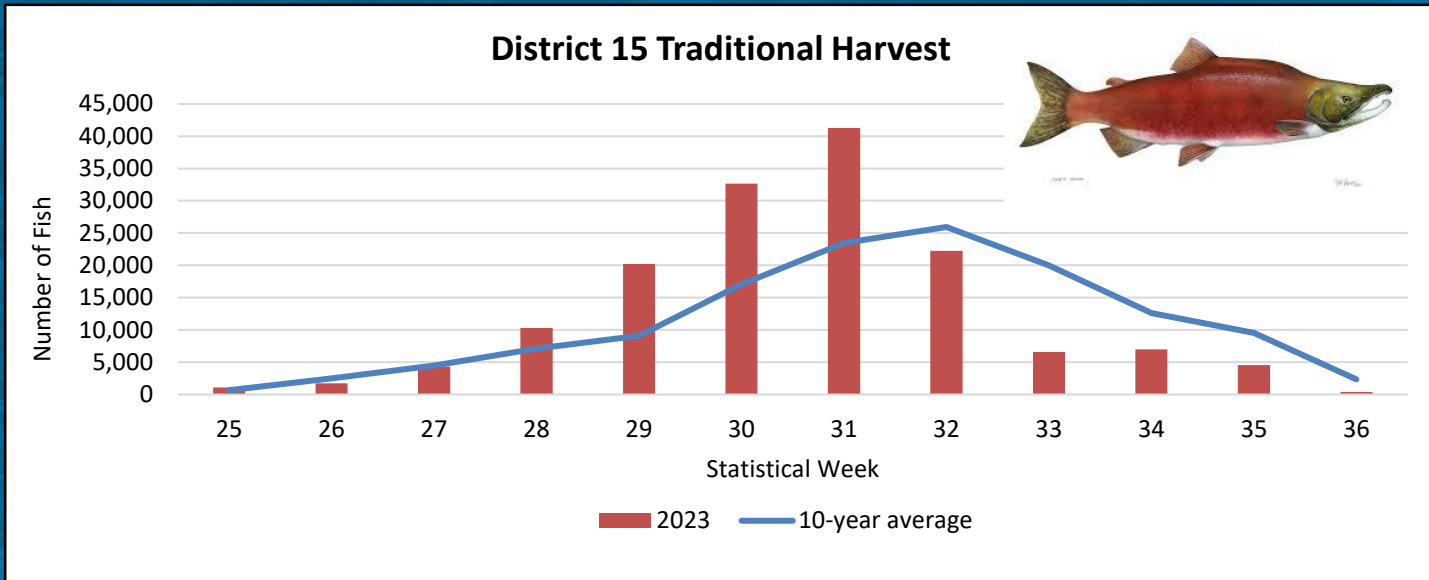
^c Outside waters of the BHTHA managed in conjunction with Section 15-C as traditional fishery from SW 35–41.

2023 DISTRICT 15 GILLNET HARVEST AND 10-YEAR AVERAGE



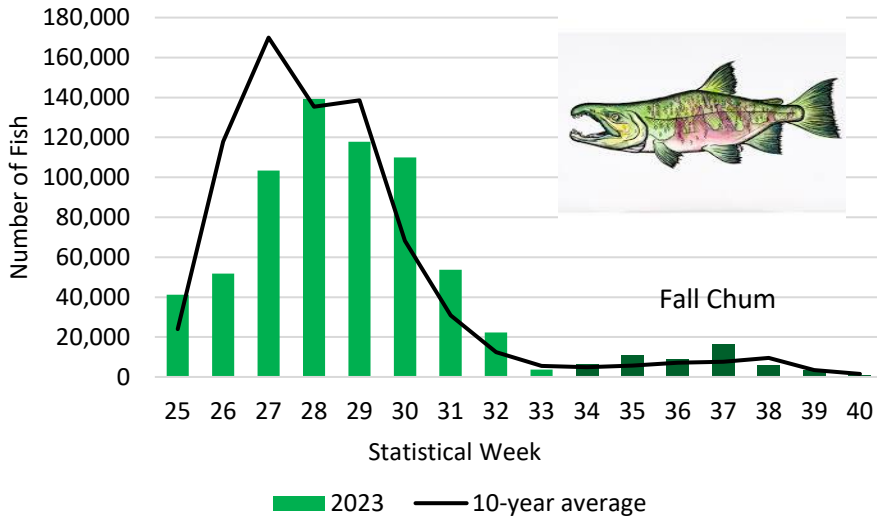
2023	344	159,968	25,506	143,175	1,391,180
10-year avg	866	135,938	30,670	118,922	1,002,152

DISTRICT 15 WEEKLY SOCKEYE SALMON HARVEST

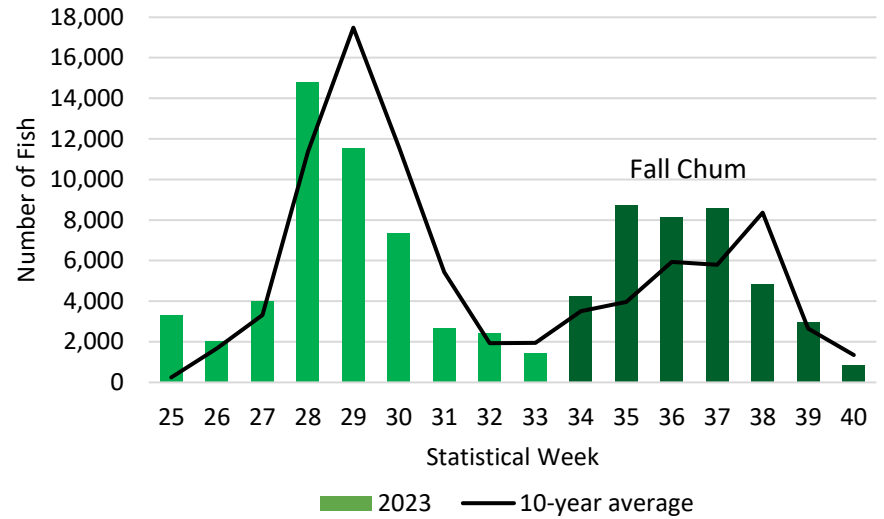


DISTRICT 15 WEEKLY CHUM SALMON HARVEST

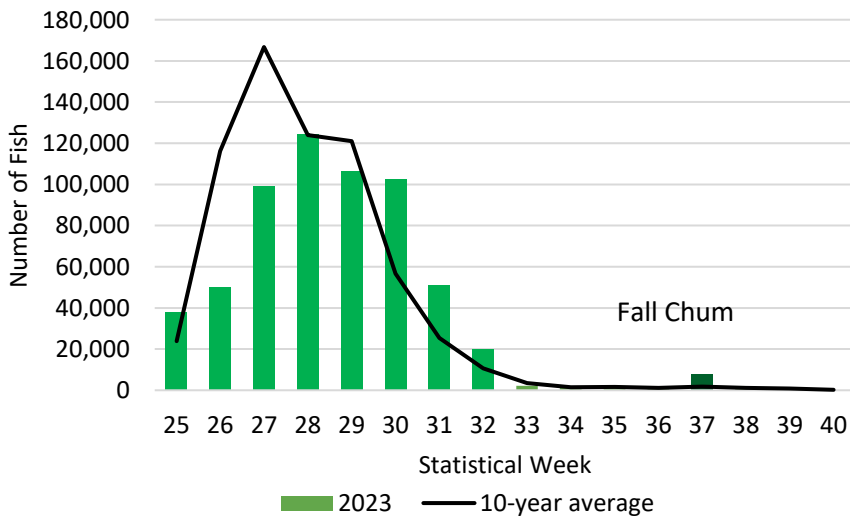
District 15



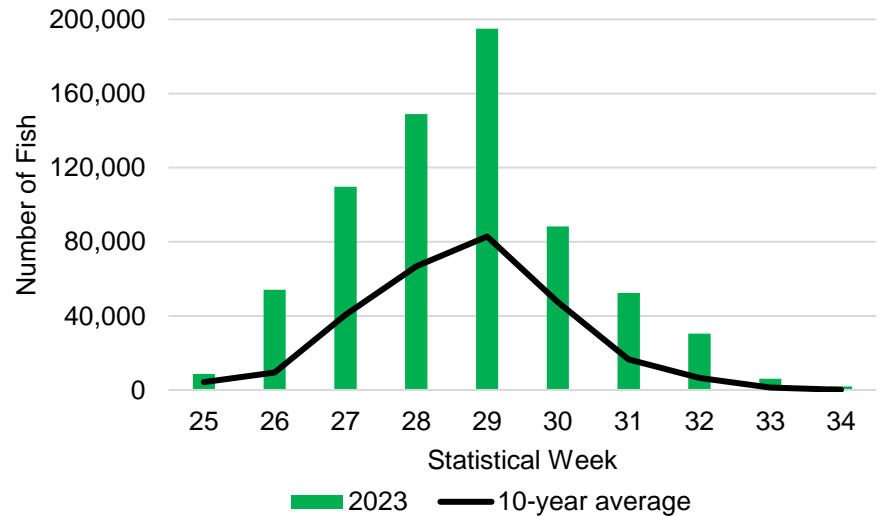
Section 15-A



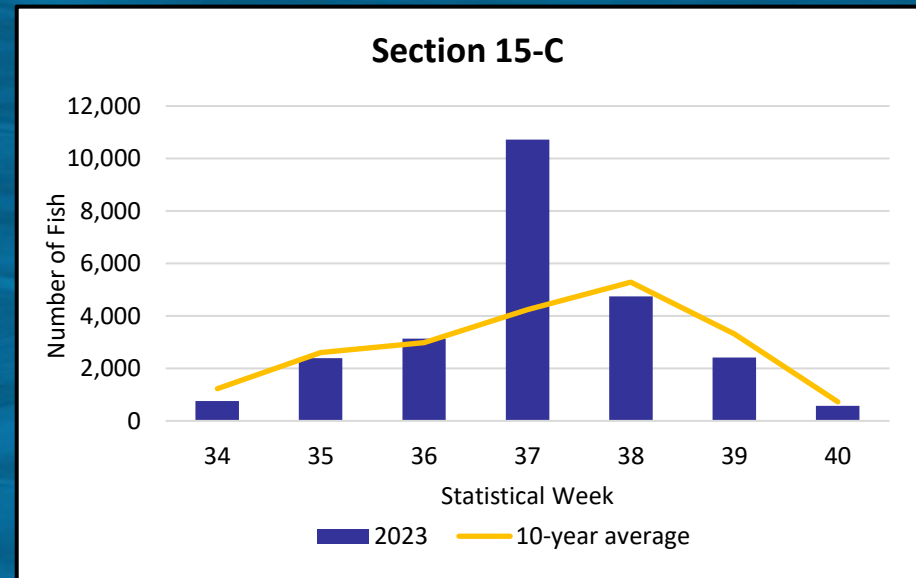
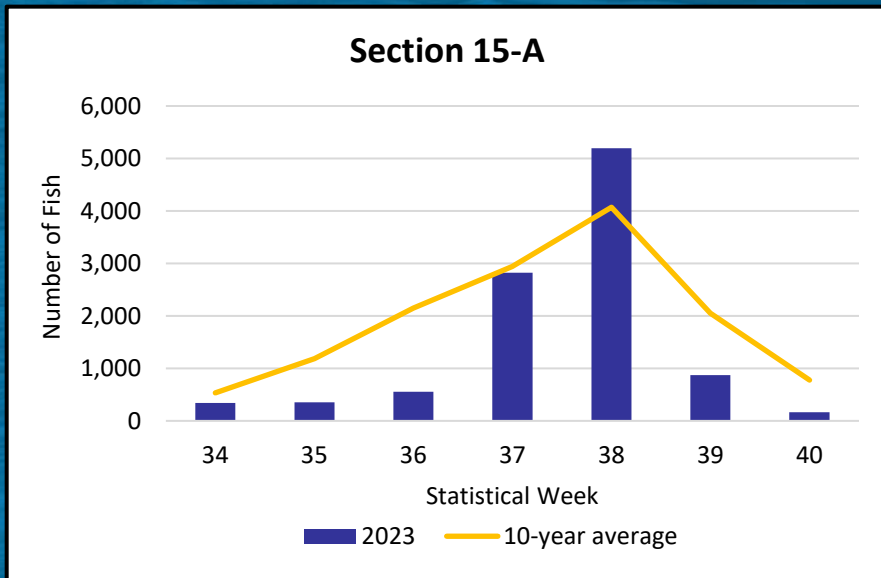
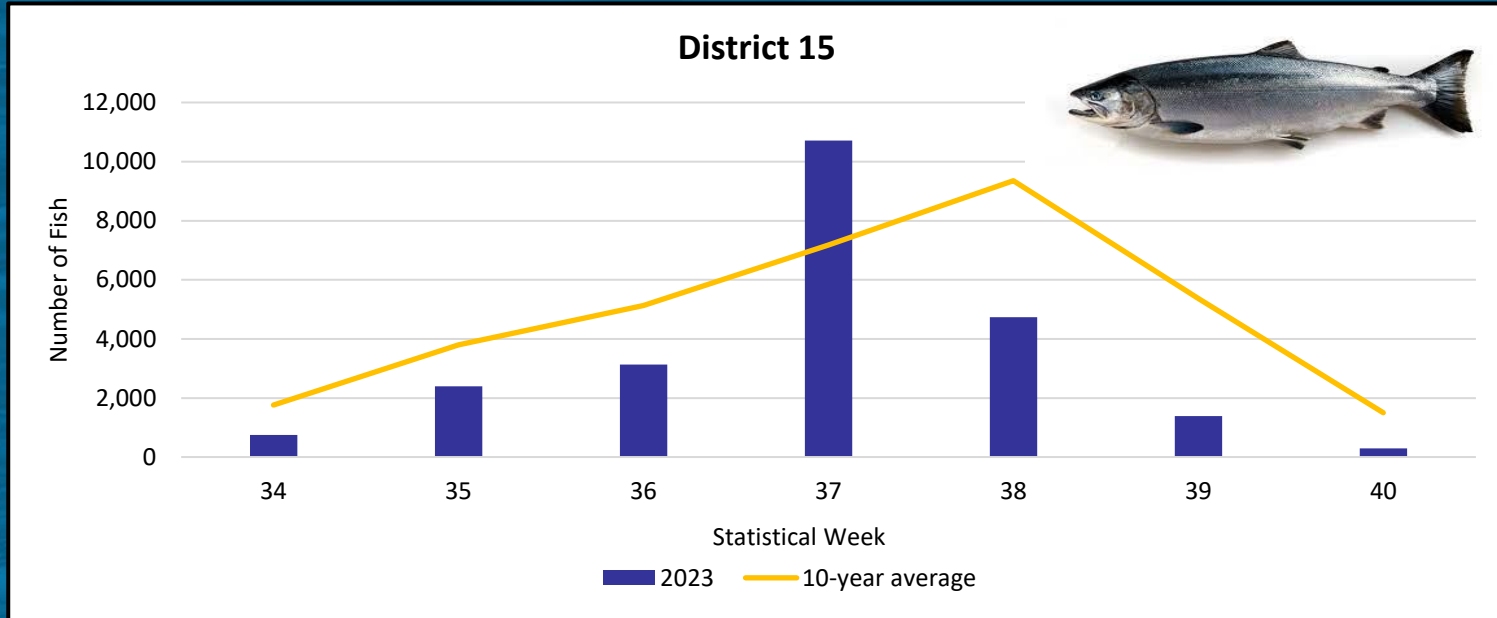
Section 15-C



Boat Harbor THA

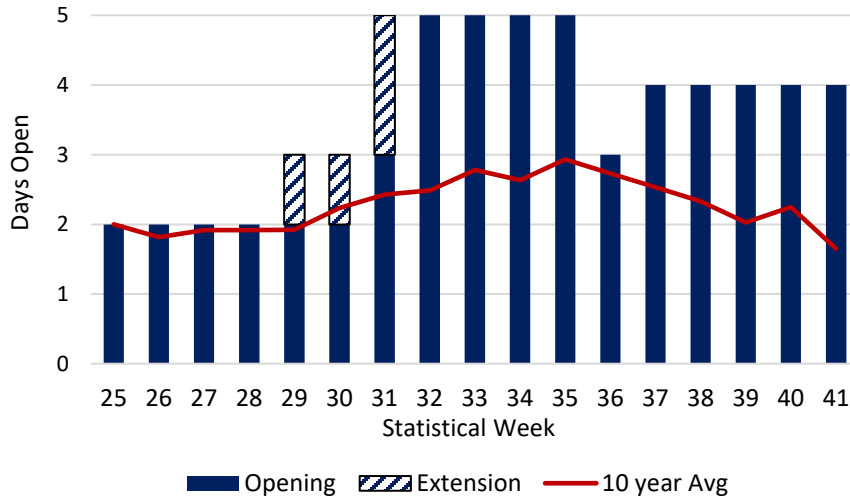


DISTRICT 15 WEEKLY COHO SALMON HARVEST

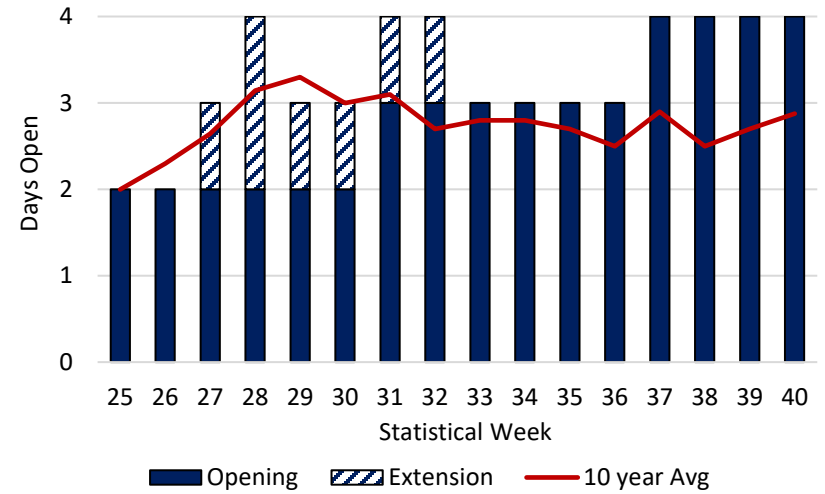


DISTRICT 15 WEEKLY FISHING PERIODS

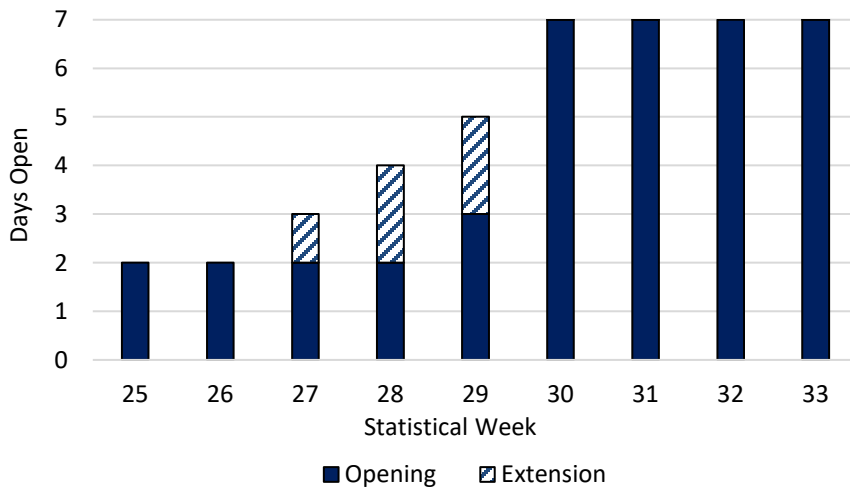
Section 15-A



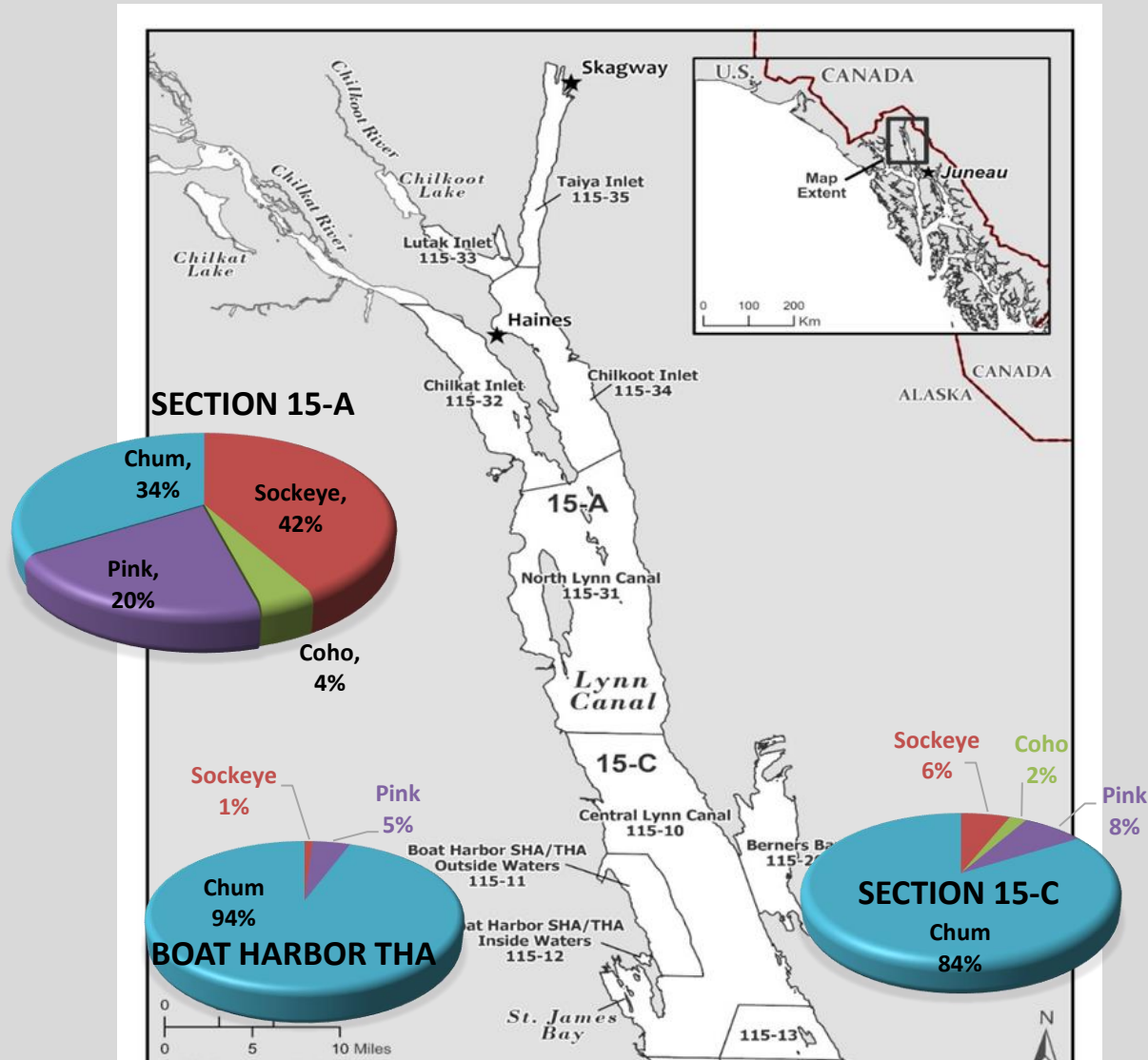
Section 15-C



Boat Harbor THA(Outside waters)



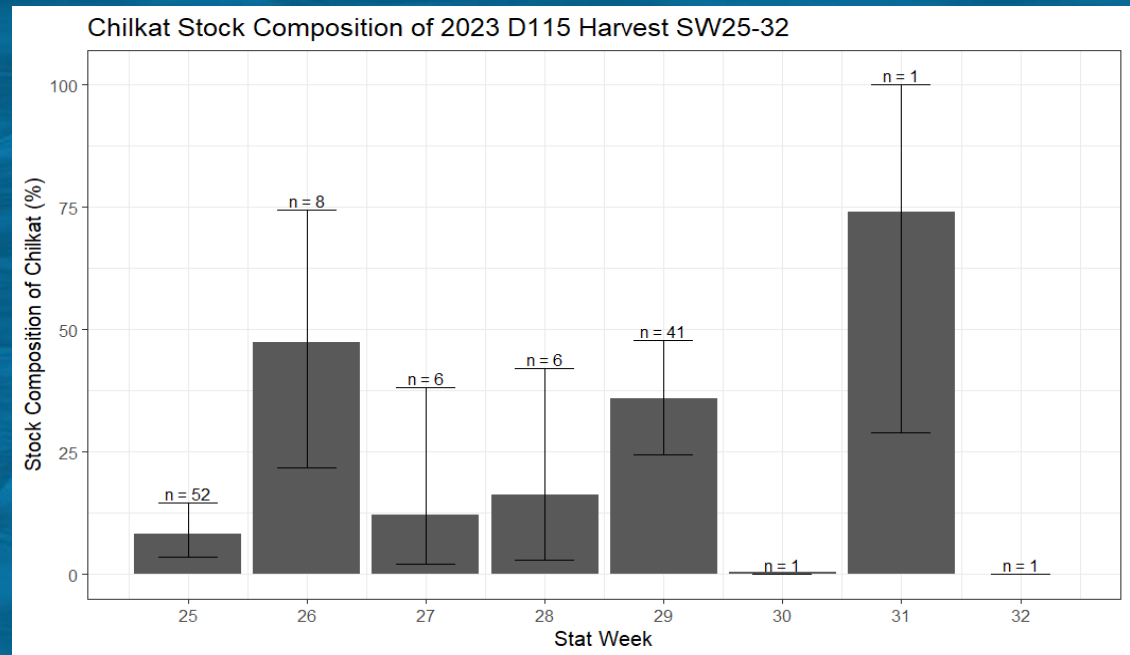
PROPORTION OF HARVEST BY SPECIES AND AREA



Area	Chinook	Sockeye	Coho	Pink	Chum	Total harvest by Area
Section 15-A	87	108,817	10,503	52,562	88,073	260,042
Section 15-C	233	43,901	14,916	56,026	607,294	722,370
Boat Harbor THA	24	7,250	87	34,587	695,813	737,761
Total Harvest	344	159,968	25,506	143,175	1,391,180	1,720,173

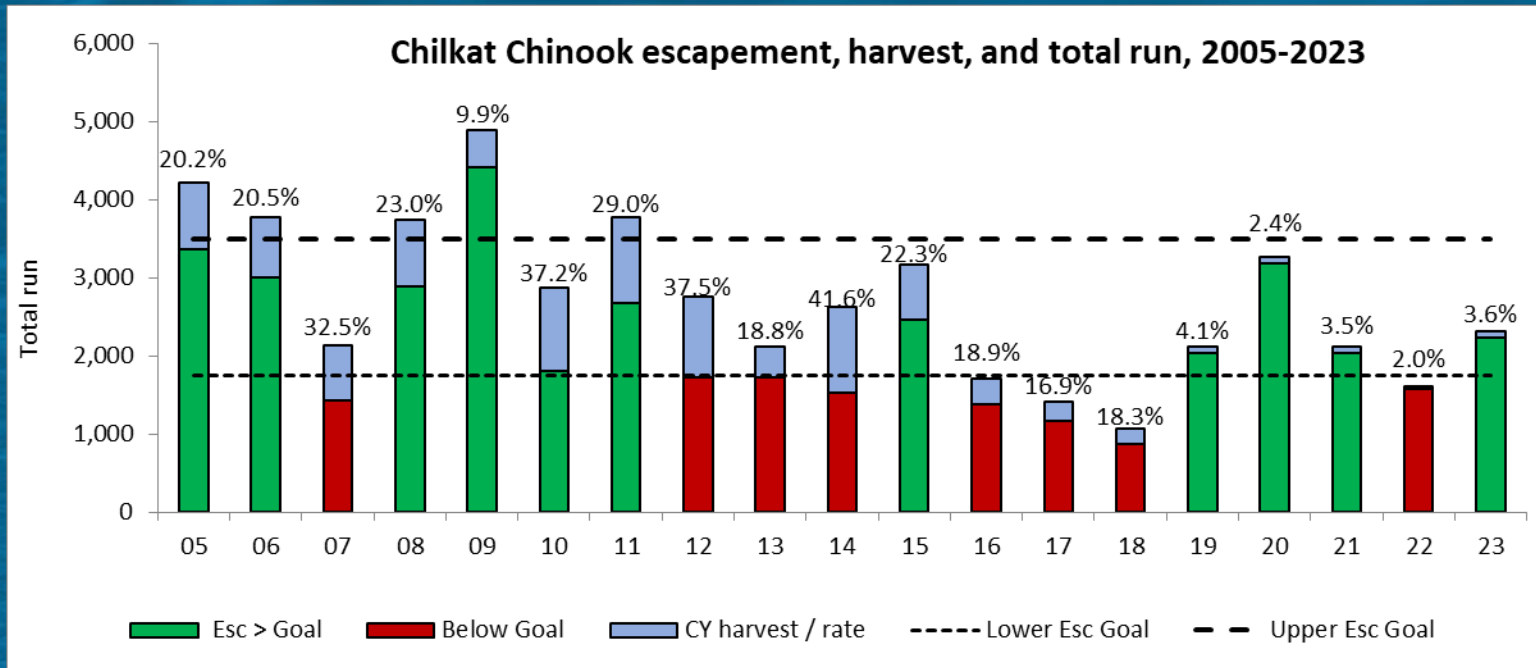
2023 CHINOOK SALMON GSI RESULTS: D15 GILLNET

District	Stat Week	Harvest	Sampled	Analyzed
115	25	87	58	52
	26	30	10	8
	27	83	8	6
	28	45	6	6
	29	64	45	41
	30	11	1	1
	31	10	1	1
	32	3	3	1
	Total		333	132

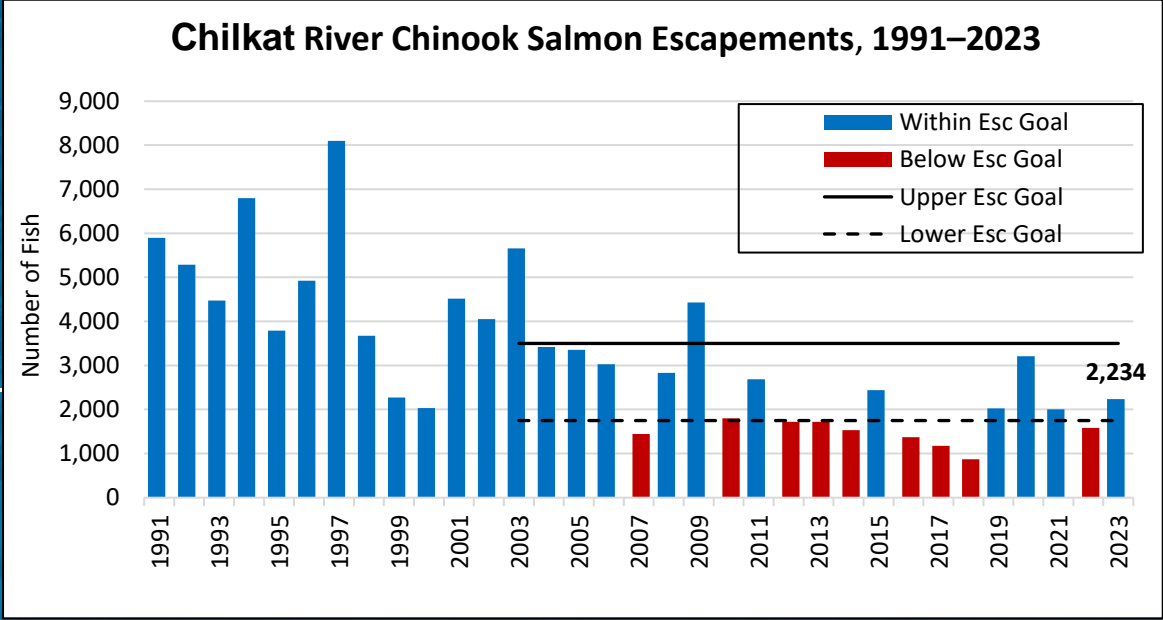


- Chilkat stock composition estimate = 20.8%
- Chilkat Chinook salmon estimated harvest = ~69 fish

CHILKAT RIVER CHINOOK SALMON HARVEST AND ESCAPEMENT

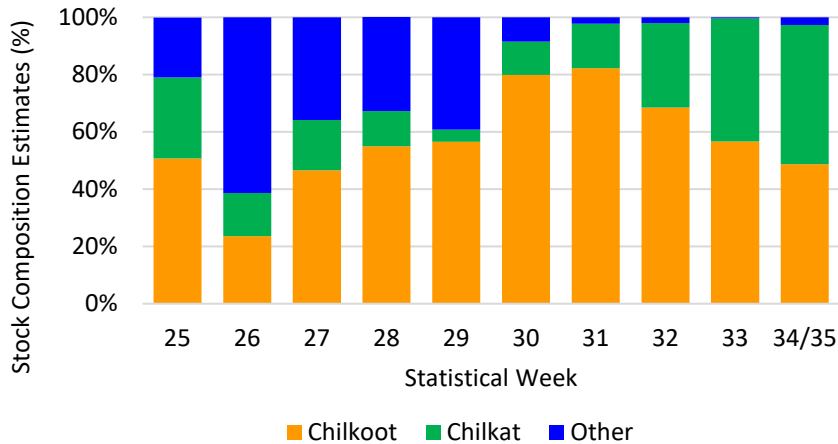


- 2023 Preseason total run forecast: 2,850 large (1.3 and older fish)
- 2023 preliminary escapement estimate: **2,234** large Chinook salmon (within BEG range of 1,750-3,500 fish)
- 2024 Total Run Forecast? TBA

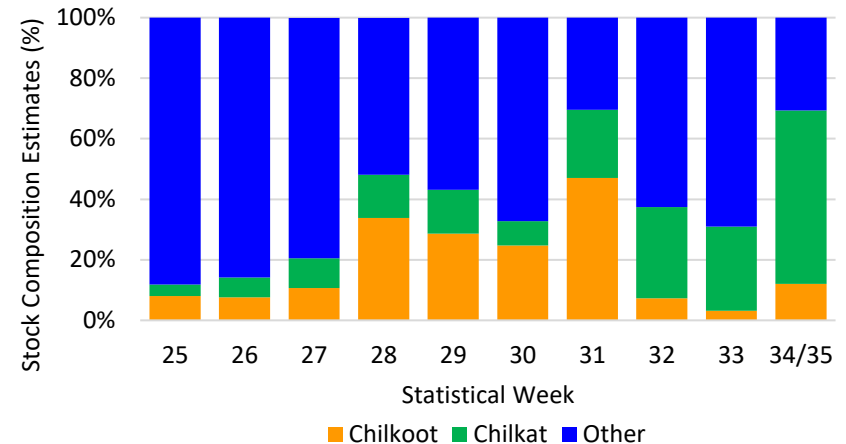


2023 PRELIMINARY SOCKEYE SALMON GSI RESULTS

Comparison of Weekly Stock Composition Estimates in D115A



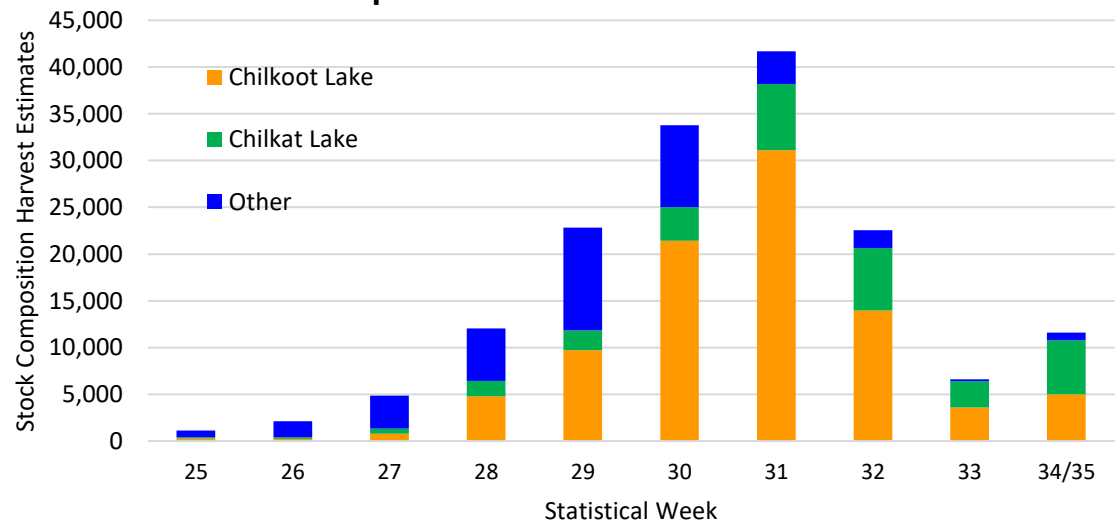
Comparison of Weekly Stock Composition Estimates in D115C



Stock Comp Harvest Estimates:

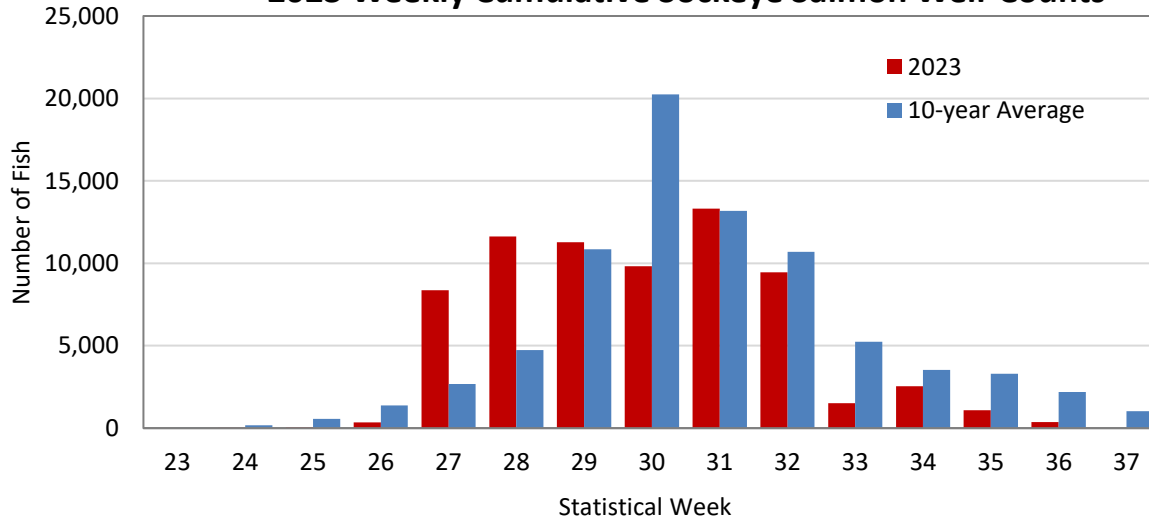
- **Chilkoot Lake: ~91,000 fish; 57% of total sockeye salmon harvest**
- **Chilkat Lake: 30,500 fish; 19% of total sockeye salmon harvest**
- **Other stocks: 37,700 fish; 24% of total sockeye salmon harvest**

2023 Comparison of Weekly Sockeye Salmon Stock Composition Estimates in District 15

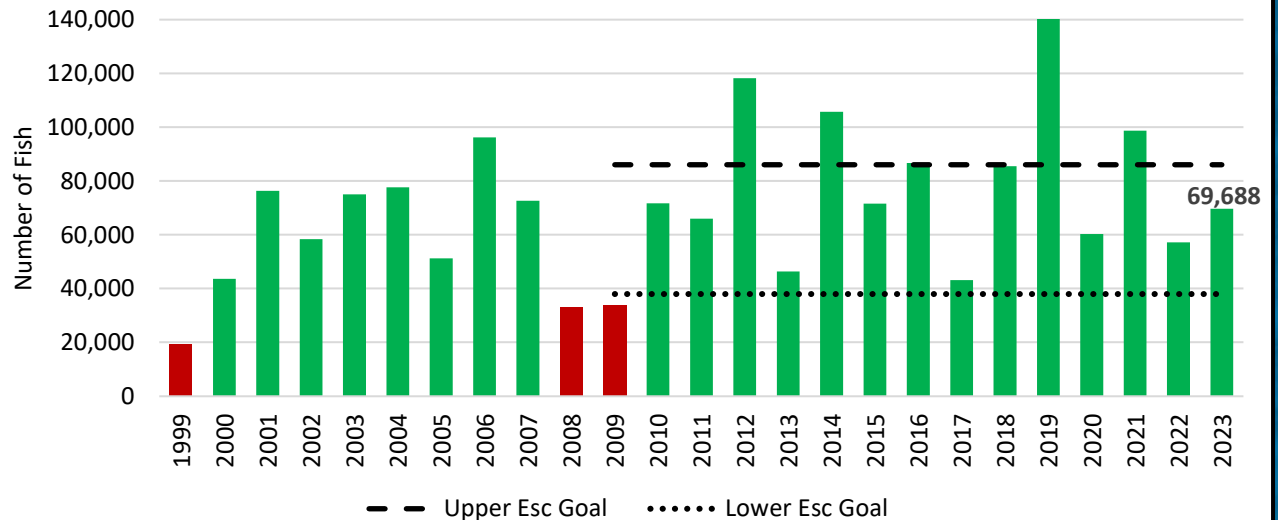


CHILKOOT LAKE SOCKEYE SALMON ESCAPEMENT

2023 Weekly Cumulative Sockeye Salmon Weir Counts

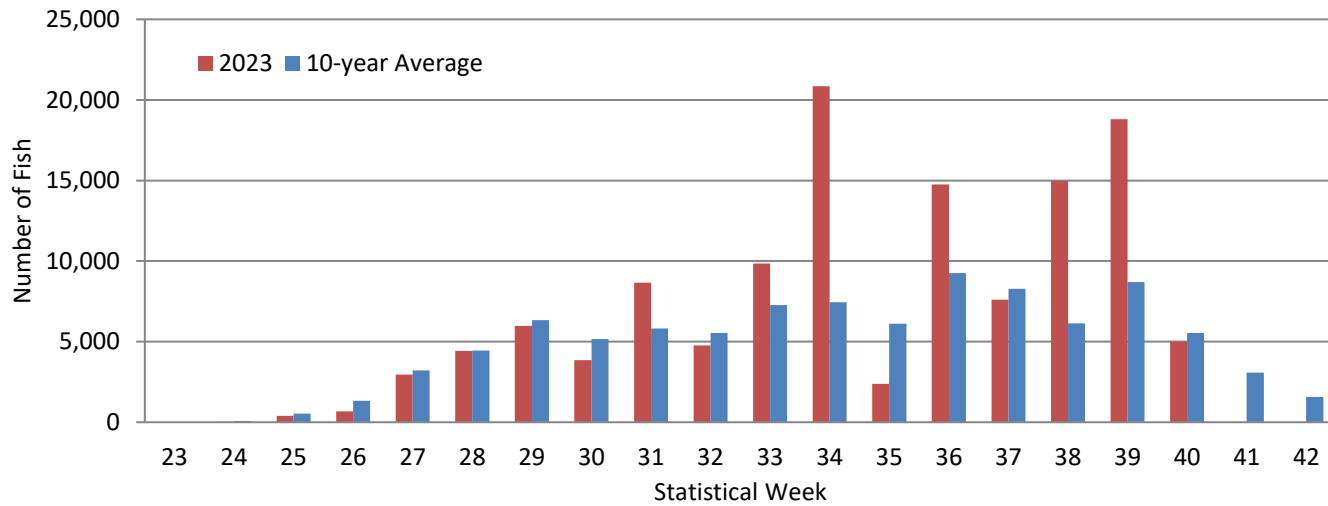


Chilkoot Lake Escapements, 1999-2023

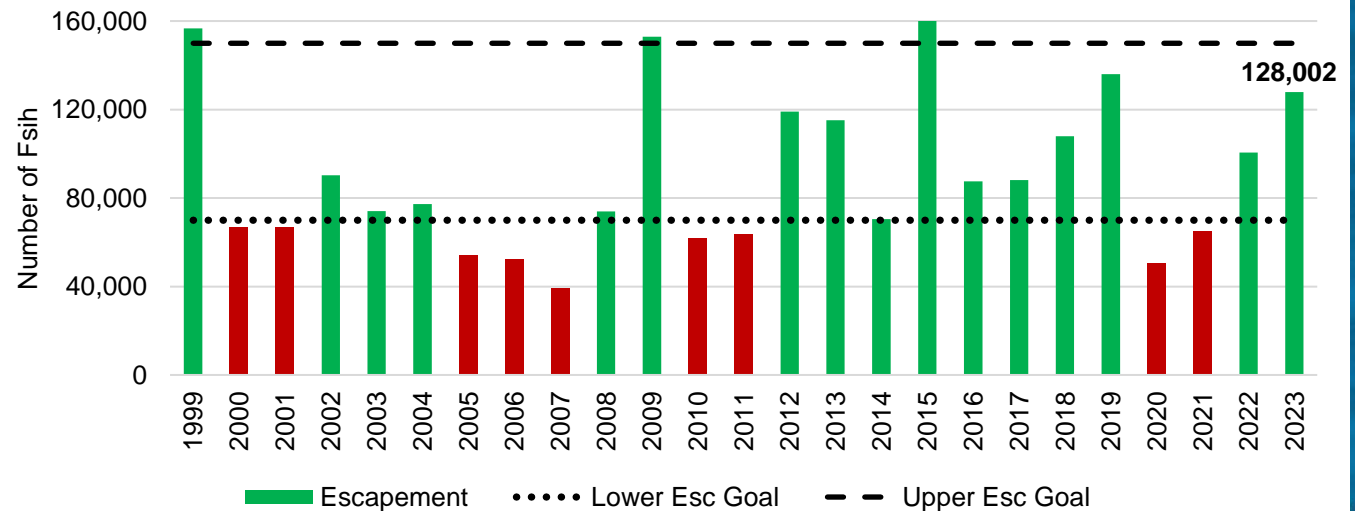


CHILKAT LAKE SOCKEYE SALMON ESCAPEMENT

2023 Weekly Cumulative Chilkat Lake DIDSON counts

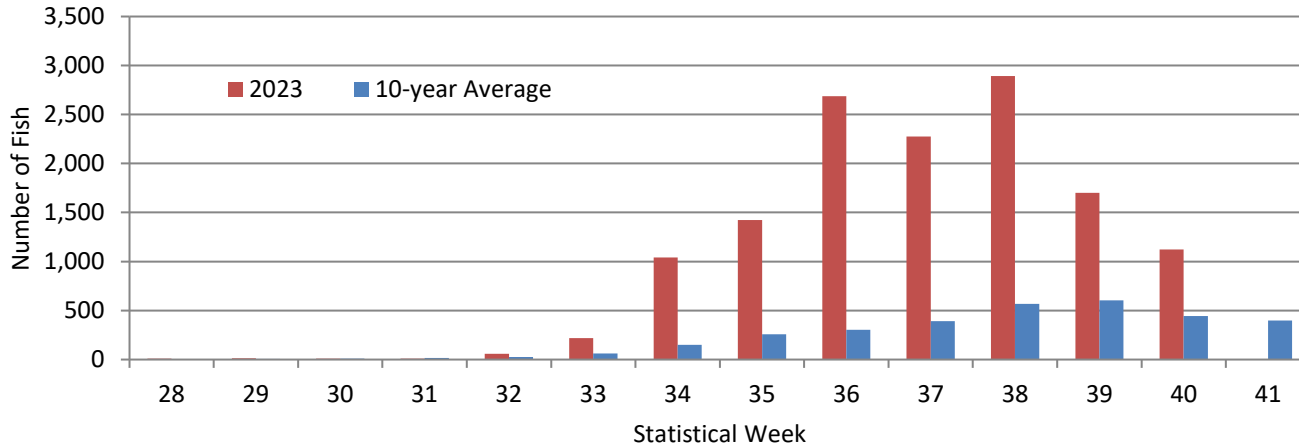


Chilkat Lake Sockeye Salmon Escapements, 1999–2023

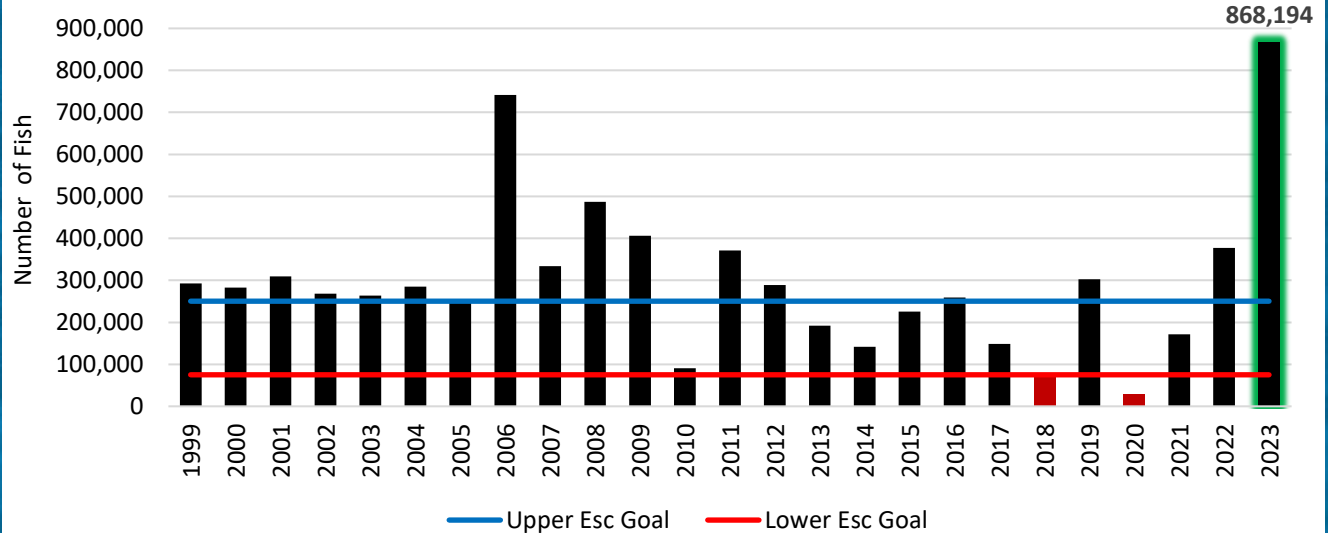


CHILKAT RIVER CHUM SALMON ESCAPEMENT

2023 Chilkat River Fall Chum Salmon Fish Wheel Catches

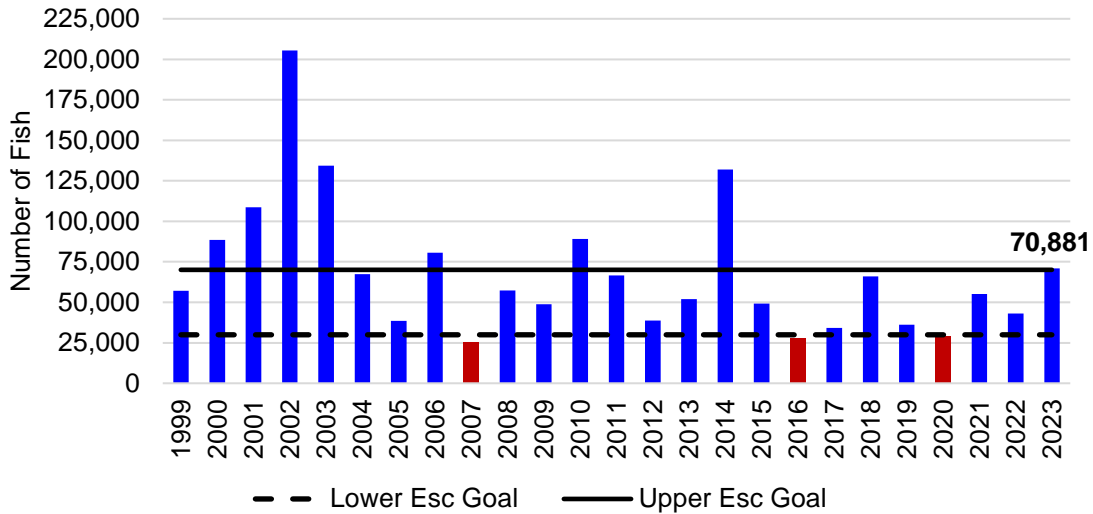


Chilkat River Fall Chum Salmon Estimated Escapements, 1999–2023

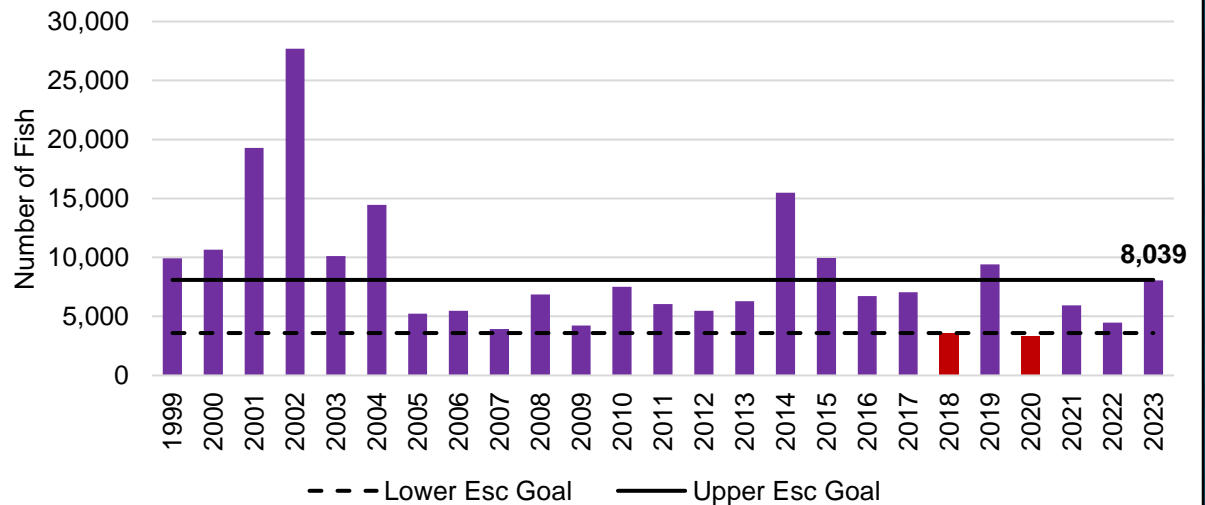


COHO SALMON ESCAPEMENT

Chilkat River Coho Salmon Escapements, 1999-2023



Berners River Coho Salmon Escapement Estimates, 1999-2023



QUESTIONS?

