



2022 Return & 2023 Forecast

Gillnet Taskforce Meeting – November 29th, Ketchikan

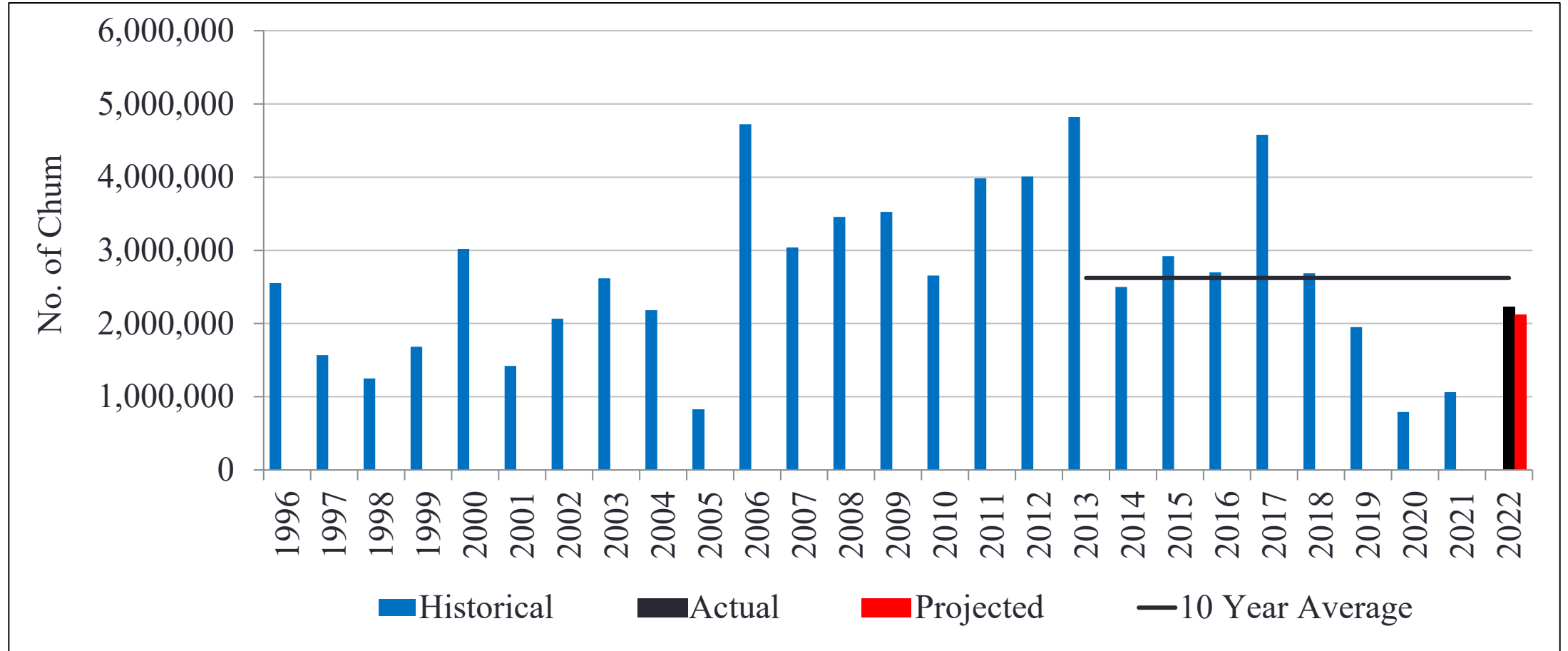
Adam Zaleski

Research Manager

2022 Chum Return

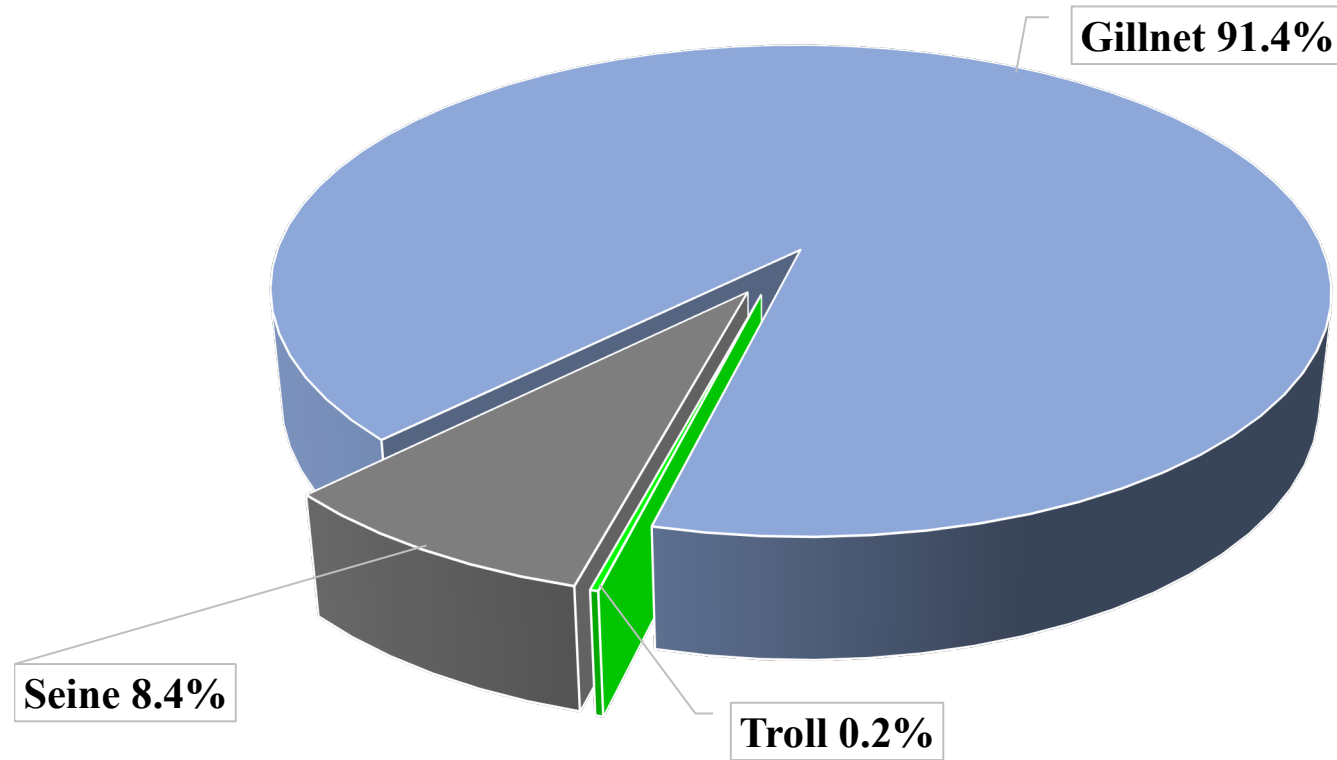
	Age-3	Age-4	Age-5	Age-6	Total
Actual	180,700	1,434,000	605,500	8,900	2,229,000
Projected	94,500	1,367,000	617,900	35,500	2,115,000
% of Projected	191%	105%	98%	25%	105%

2022 Chum Return: Actual vs. Projected Harvest



2022 Chum Contributions

Gillnet, Seine, & Troll Harvest

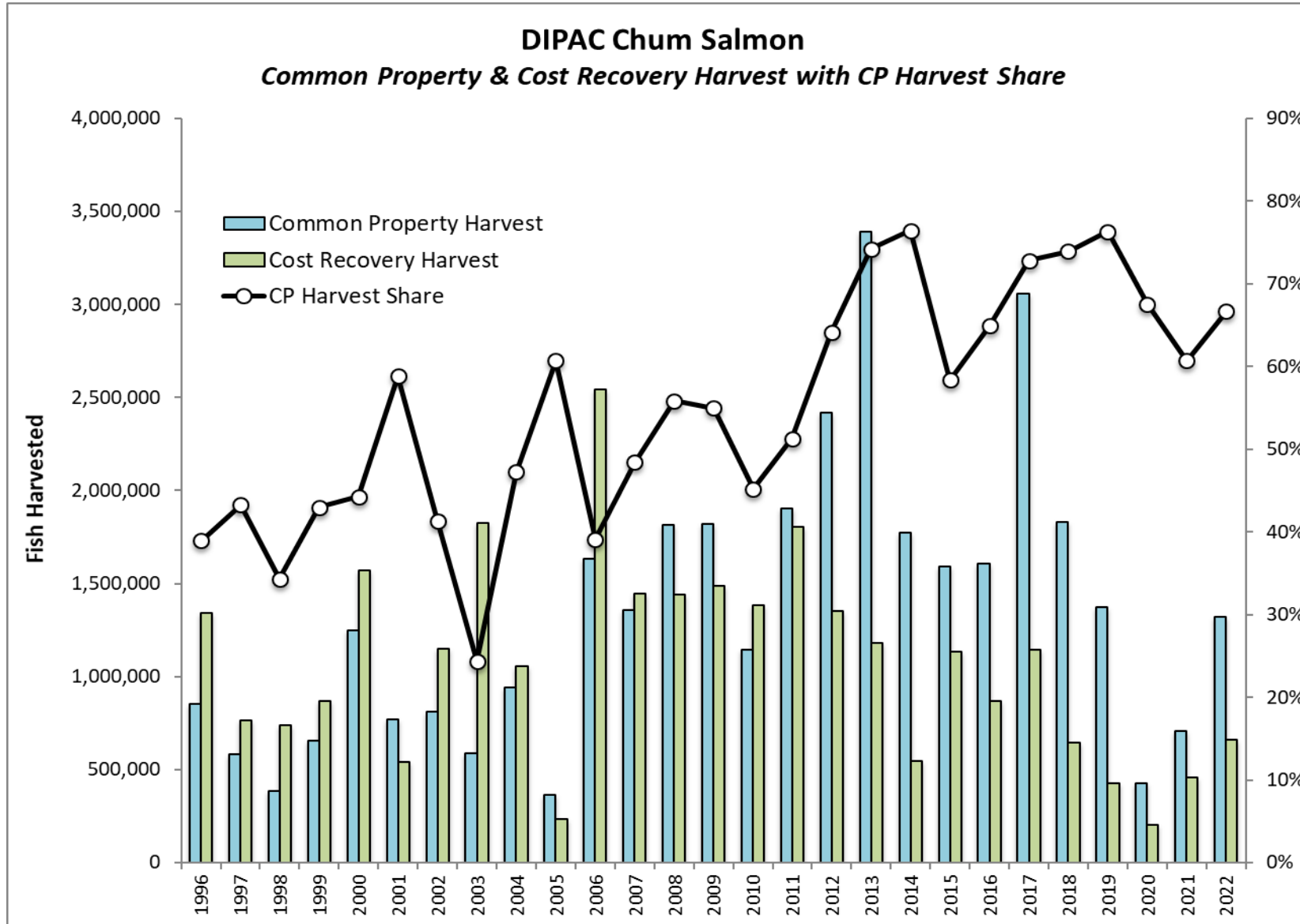


2022 Chum Return:

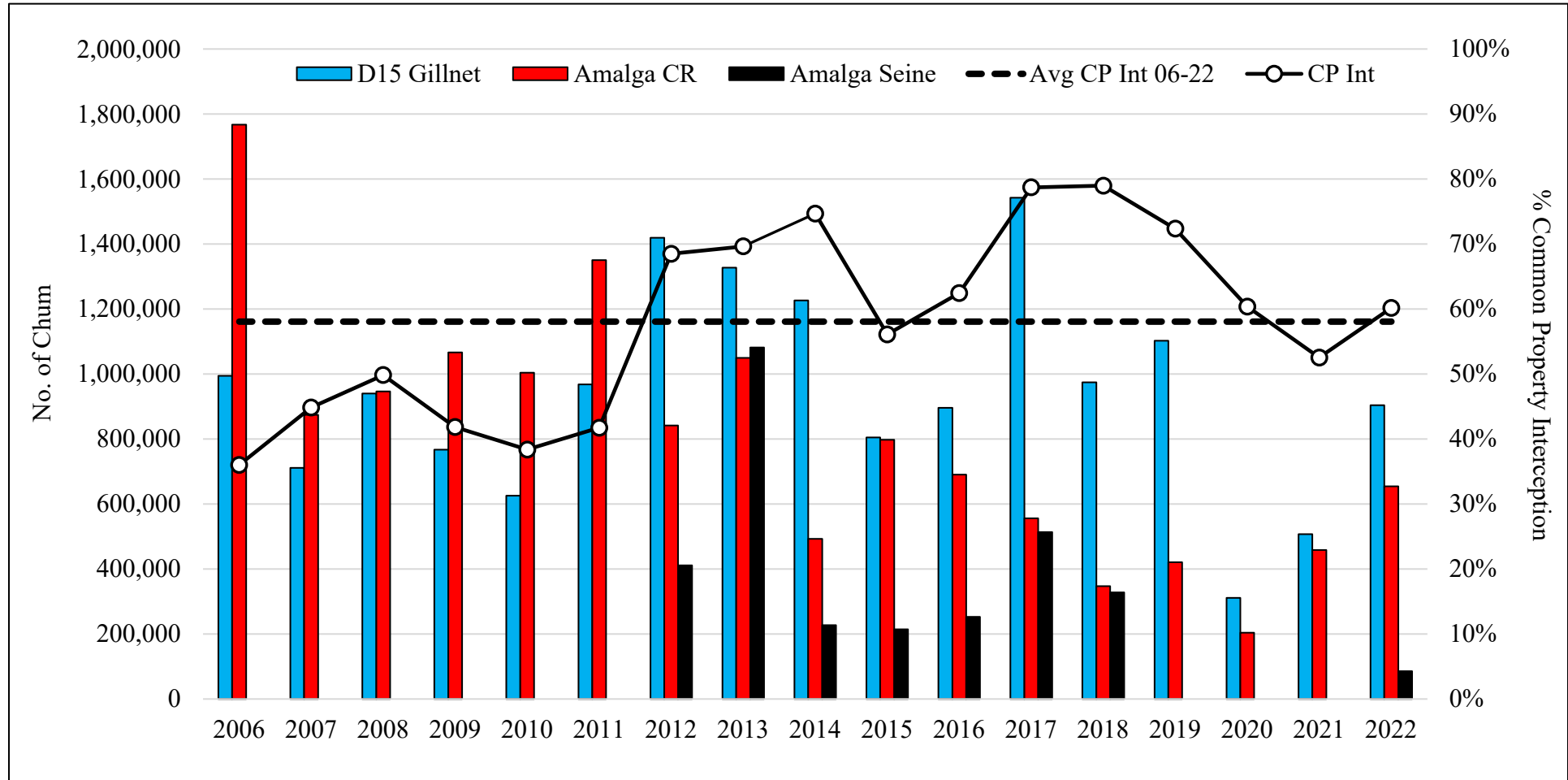
Contribution, Cost Recovery, & Harvest Shares

	Common Property Harvest	DIPAC Contrib.	% DIPAC Contrib.	Cost Recovery	Total Harvest
Lynn Canal GN	932,500	904,000	97%	654,700	1,559,000
Taku/Stephens GN	311,700	297,700	95%	53,700	351,400
Homeshore Troll	3,000	2,300	76%		2,300
Amalga CP-Seine	85,100	85,100	0%		85,100
Other Seine	55,700	17,900	32%		17,900
Misc. SEAK	11,700	11,700	100%		11,700
Sport		500	100%		500
Broodstock & Esc.					201,400
Total	1,400,000	1,319,000		708,400	2,229,000
Harvest Shares			65%	35%	

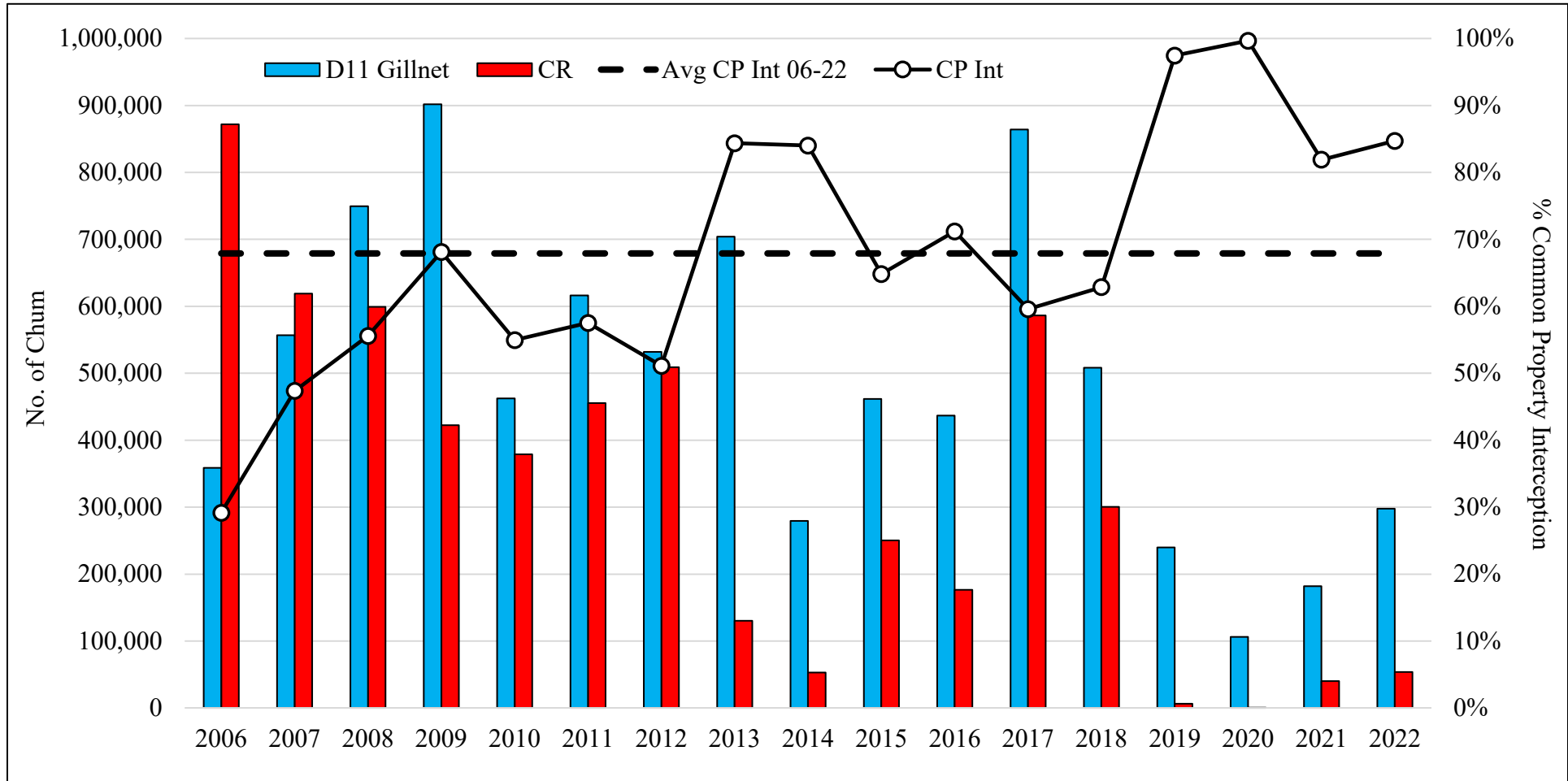
DIPAC Chum Harvest: Cost Recovery, Common Property, & Harvest Shares



District 115 Chum Contribution: Gillnet & Amalga SHA Seine



District 111 Chum Contribution: Gillnet & Cost Recovery



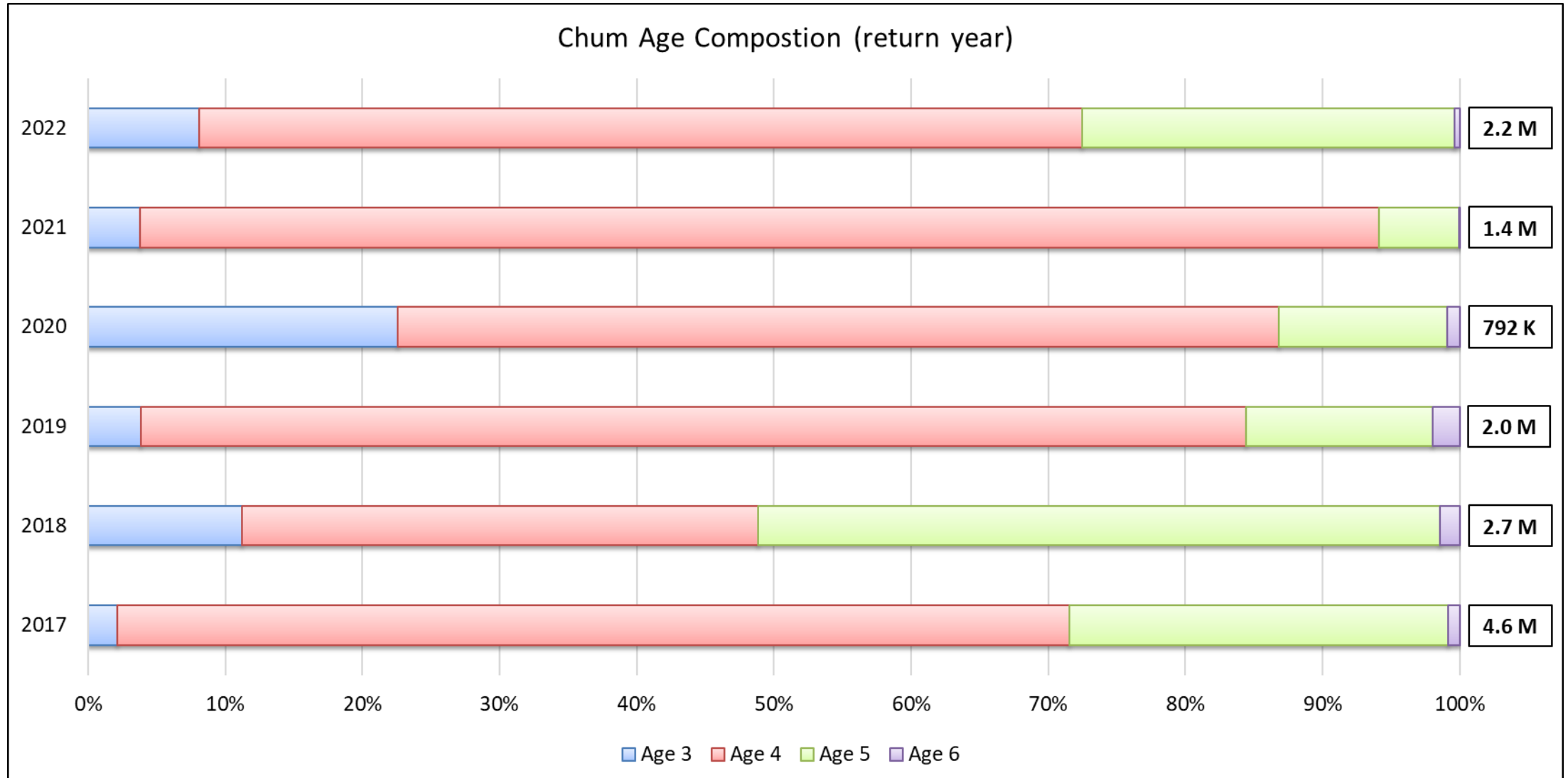
2022 Chum Return: Cost Recovery Summary

	Fish	Pounds
Amalga Harbor	654,700	4,504,000
Gastineau Channel	4,600	29,700
Macaulay Hatchery	49,200	301,700
	708,400	4,835,000

Chum Marine Survival

Broodyear	Age 3	Age 4	Age 5	Age 6	Total
2015	0.32%	1.65%	0.10%	0.00%	2.08%
2016	0.08%	0.52%	0.08%	0.01%	0.69%
2017	0.17%	1.17%	0.56%		1.90%
2018	0.05%	1.39%			1.44%
2019	0.17%				0.17%

Chum Age Composition



Sockeye

2022 Sockeye Return: Totals by Age

	Age-4	Age-5	Total
Actual	47,600	8,800	56,400
Projected	47,900	6,500	54,400
% of Projected	99%	135%	104%

2022 Sockeye Return

	Common Property	Cost Recovery	Broodstock¹	Total
Actual	35,500	20,800	7,300	56,400
Projected	33,000	14,600	6,800	54,400
% of Projected	108%	14%	100%	104%

1) Includes end-of-season unmarketable fish.

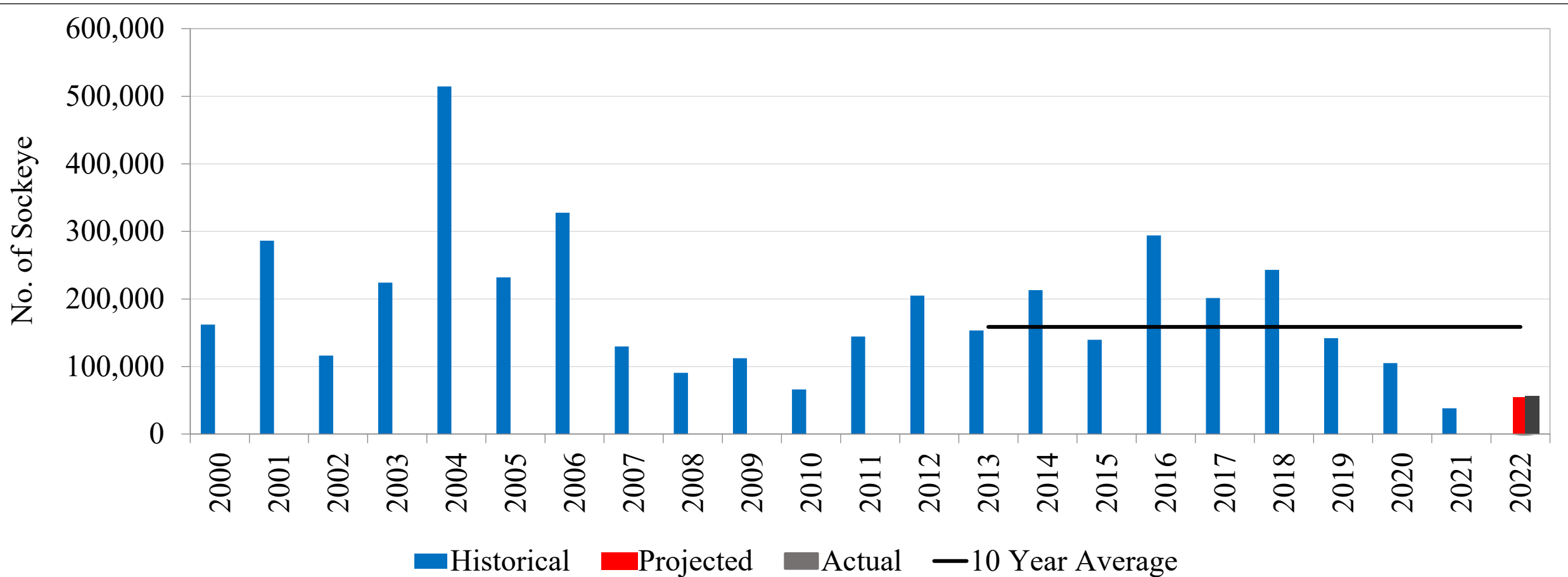
2022 Sockeye Return: Contribution, Cost Recovery, & Harvest Shares

	CP Harvest	DIPAC Contribution	% DIPAC Contribution	Cost Recovery	Total Harvest
District 11 Gillnet	116,900	18,100	15%	20,800	38,900
Other Gillnet	107,100	9,700	9%		9,700
Seine	1,500	490	34%		510
Broodstock					7,300
Totals	225,500	28,300		20,800	56,400
Harvest Shares		58%		42%	

Sockeye Marine Survival

Broodyear	Age 3	Age 4	Age 5	Total
2015	0.00%	0.75%	0.26%	1.01%
2016	0.20%	0.93%	0.33%	1.46%
2017	0.11%	1.26%	1.36%	2.73%
2018	0.01%	0.54%		0.54%
2019	0.01%			0.01%

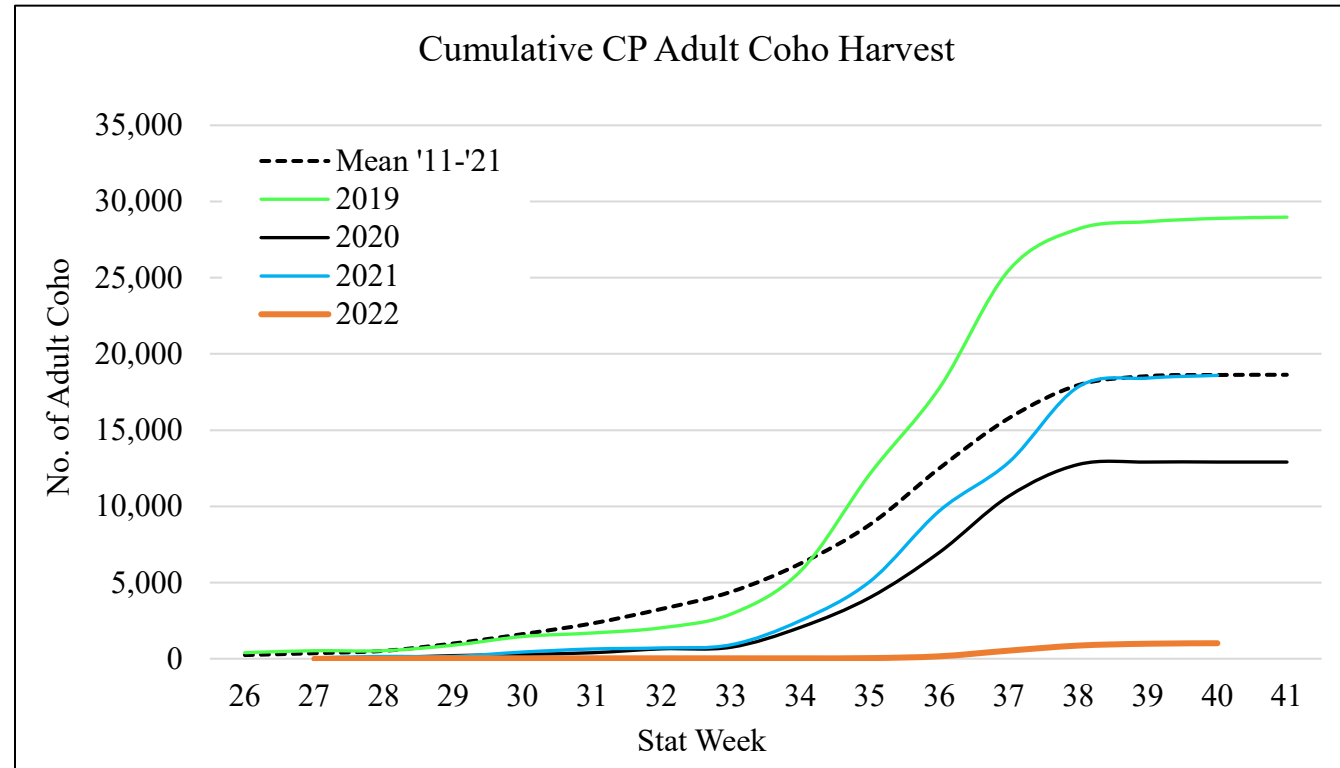
2022 Sockeye Return: Actual vs. Projected Return



Coho

Coho Returns

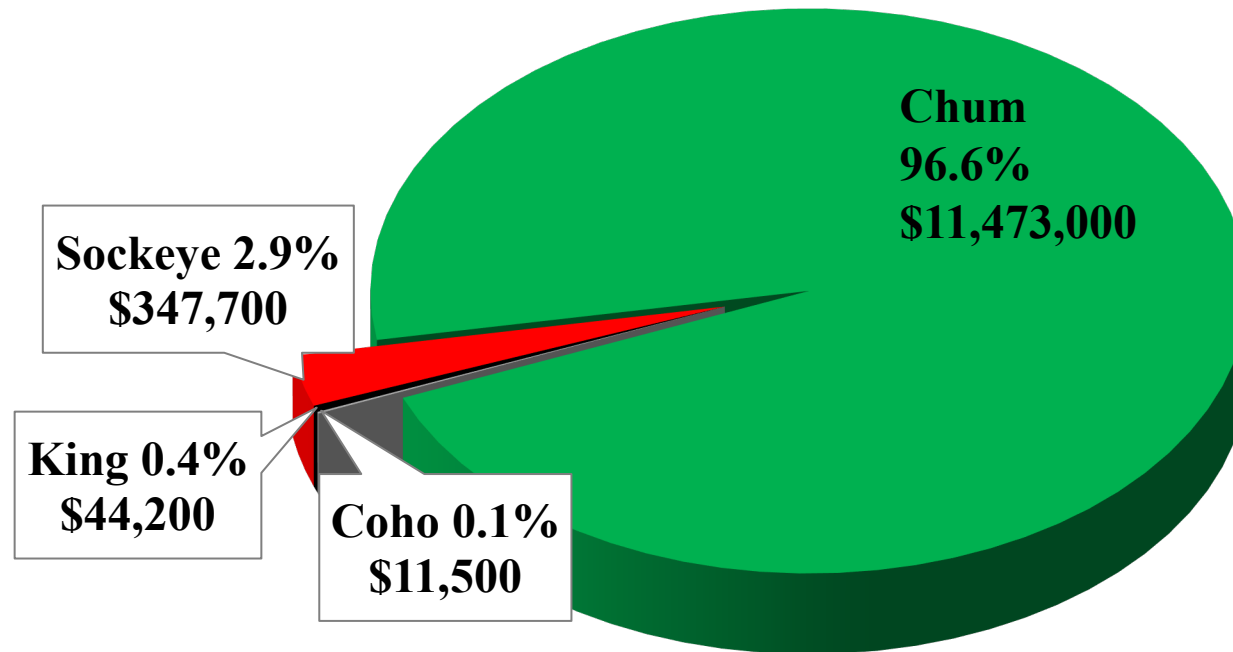
Troll	Gillnet & Seine	Marine Sport	Gastineau Shoreline	Cost Recovery	Brood & Donations	Total	% Marine Survival
0	940	90	750	410	750	2,900	0.98%
					2022 Forecast	11,800	3.95%
					% of Forecast	25%	



Estimated Value (\$) Contributions

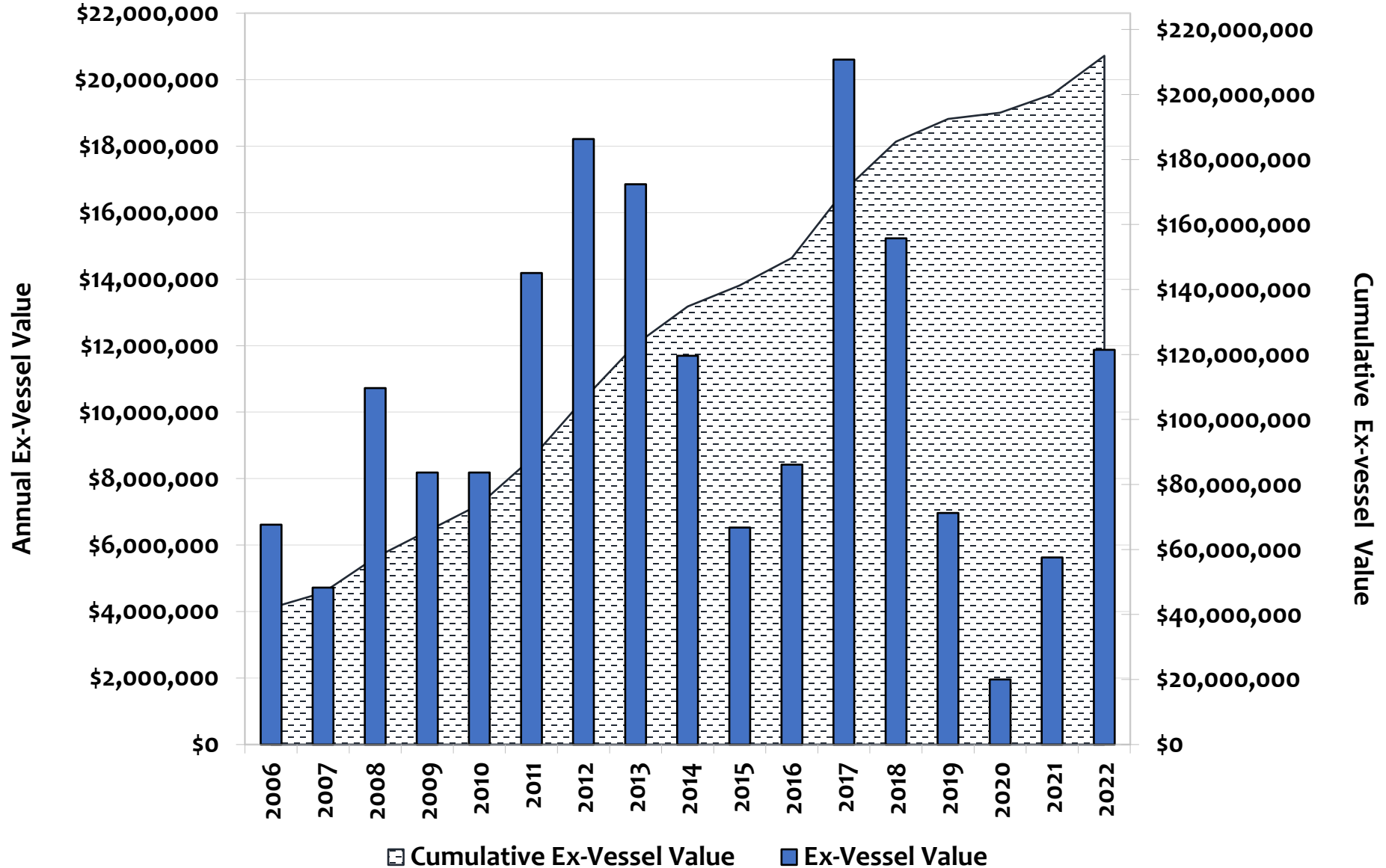
2022 Contributions

2022 Ex-Vessel Values
From DIPAC Salmon Enhancement Projects
Total Value: \$11,876,000



DIPAC Salmon Contributions

Cumulative Ex-Vessel Value: \$211,942,000



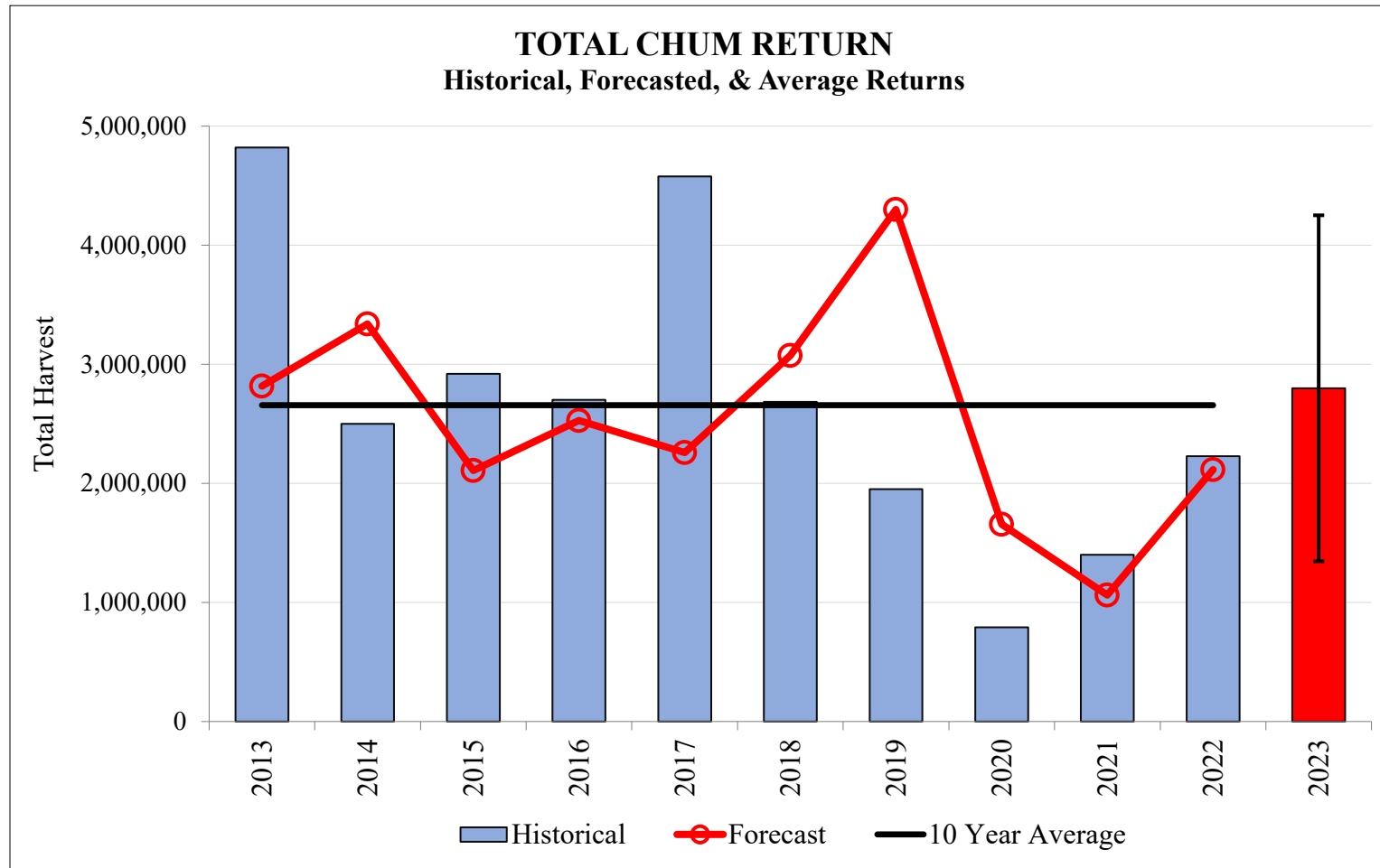
2023 Forecast

2023 Preliminary Chum Forecast

	Low End	Mid Point	High End	Common Property	Cost Recovery	Brood
Taku/Stephens	378,100	933,700	1,489,000	489,000	255,000	190,000
Lynn Canal/ Amalga	969,000	1,866,000	2,763,000	1,312,000	553,900	
Total	1,347,000	2,800,000	4,252,000	1,801,000	809,000	

2023 Chum Forecast

Historical & Projected Returns



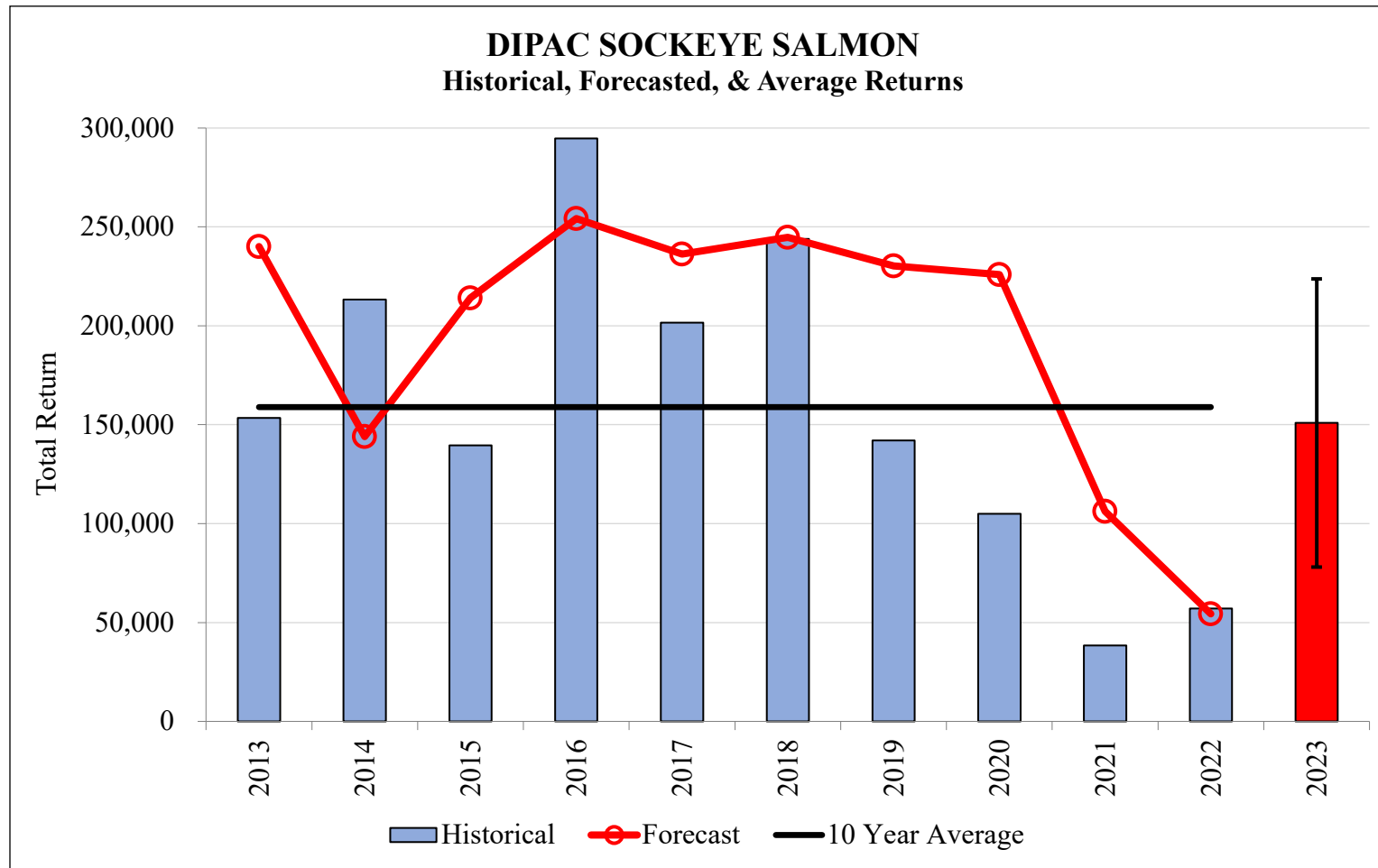
2023 Sockeye Forecast

	Low End	Mid Point	High End
Age 5	14,200	53,500	92,900
Age 4	63,900	97,300	130,800
Total	78,100	150,900	223,700

Harvest Share Goal		Average Harvest Shares	
70% CP:	100,800	51% CP:	72,400
30% CR:	43,200	49% CR:	71,700
Broodstock:	6,800	Broodstock:	6,800

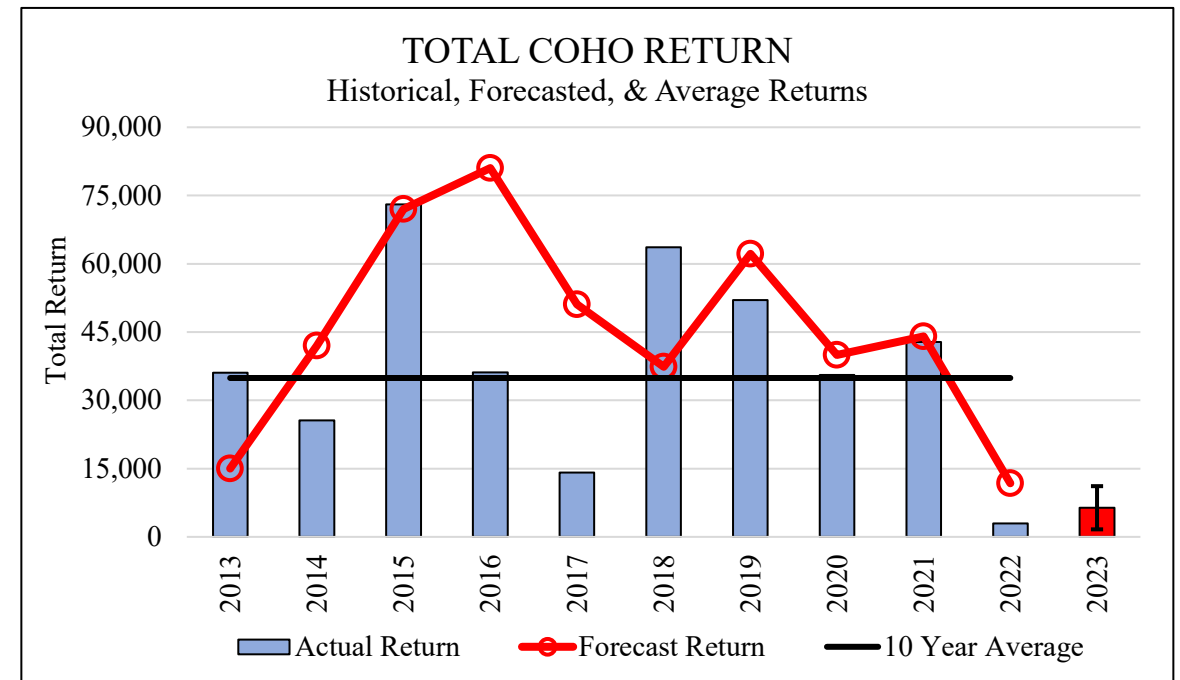
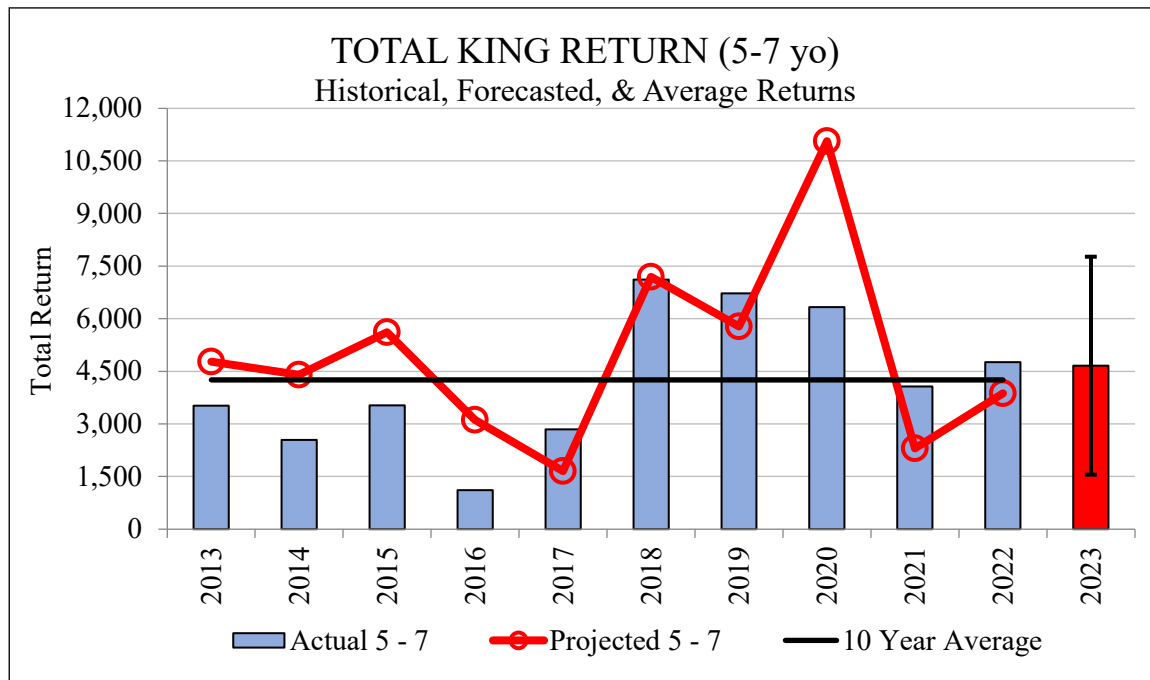
2023 Sockeye Forecast

Historical & Projected Returns



2023 Chinook & Coho Forecast

	Number Returning	Marine Survival
Chinook (large adults, ages 5-7)	4,700	0.67%
Coho	6,400	2.87%





Thank You
&
Questions