

**Douglas Island Pink and Chum, Inc.**

**2023 Returns & 2024 Forecast**

updated 11/20/2023

**2023 RETURNS, CONTRIBUTION, COST RECOVERY, & 2024 FORECAST**

**Chum: 2023 Return Summary**

	Common Property Contribution	Cost Recovery Harvest	Hatchery Broodstock	Total Return
Cumulative Totals	2,398,000	1,256,000	200,000	4,311,000
Projected Return	1,801,000	809,000	190,000	2,800,000
Percent of Projection	133%	155%	105%	154%

**Chum: 2023 Return Summary by District & Age**

DISTRICT	AGE-3	AGE-4	AGE-5	AGE-6	TOTAL
Taku/Stephens	65,300	440,600	94,100	2,000	<b>601,900</b>
Lynn Canal/Amalga	131,800	1,879,000	656,300	520	<b>2,668,000</b>
	<b>258,900</b>	<b>3,133,000</b>	<b>913,400</b>	<b>5,700</b>	<b>4,311,000</b>
Projected:	108,000	1,900,000	747,600	44,400	2,800,000
Percent of Projection	240%	165%	122%	13%	154%

**Chum: 2023 Harvest Summary**

FISHERY	Common Property Harvest	DIPAC Contribution	% DIPAC Contribution	Cost Recovery	Total Harvest
Lynn Canal Gillnet	1,337,000	1,297,000	97%	971,400	2,268,000
Taku/Stephens Gillnet	617,800	601,900	97%	284,800	886,700
Homeshore Troll	12,300	9,000	73%		9000
Amalga CP Seine	399,300	399,300	100%		399,300
Other Seine	157,600	74,600	47%		74,600
Misc. SEAK	11,200	11,200	100%		11,200
Sport		5000			5000
Brood & Esc					657,000
<b>Total</b>	<b>2,536,000</b>	<b>2,398,000</b>		<b>1,256,000</b>	<b>4,311,000</b>

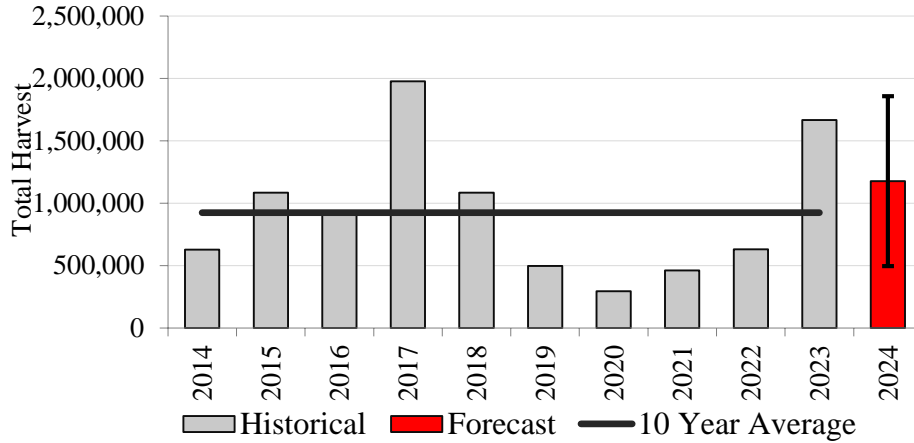
**Chum: PRELIMINARY 2024 Forecast Summary By District**

DISTRICT	PROJECTED RETURN			HARVEST SHARES	
	LOW	MID-POINT	HIGH	COM. PROP	CR FISH
Taku/Stephens	495,600	1,176,000	1,857,000	615,700	370,700
Lynn Canal/Amalga	1,281,000	2,466,000	3,651,000	1,766,000	699,500
	<b>1,776,000</b>	<b>3,642,000</b>	<b>5,508,000</b>	<b>2,382,000</b>	<b>1,070,000</b>

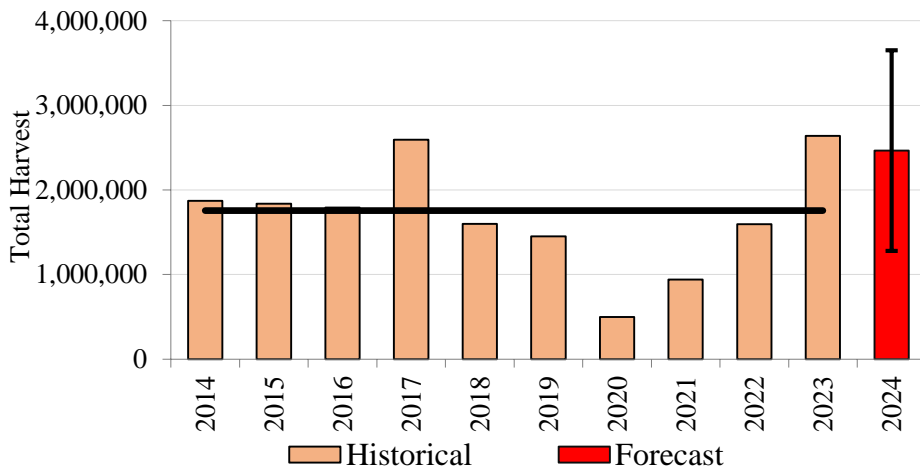
**Chum: PRELIMINARY 2024 Forecast Age Composition Summary**

BROOD YEAR	AGE	% by AGE	FISH	CP Harvest	CR Harvest	Broodstock
2018	6	1%	19,400	11,500	5,900	2,000
2019	5	27%	982,100	643,900	288,300	49,900
2020	4	68%	2,493,000	1,632,000	732,300	128,600
2021	3	4%	147,600	94,400	43,700	9,500
			<b>3,642,000</b>	<b>2,382,000</b>	<b>1,070,000</b>	<b>200,000</b>

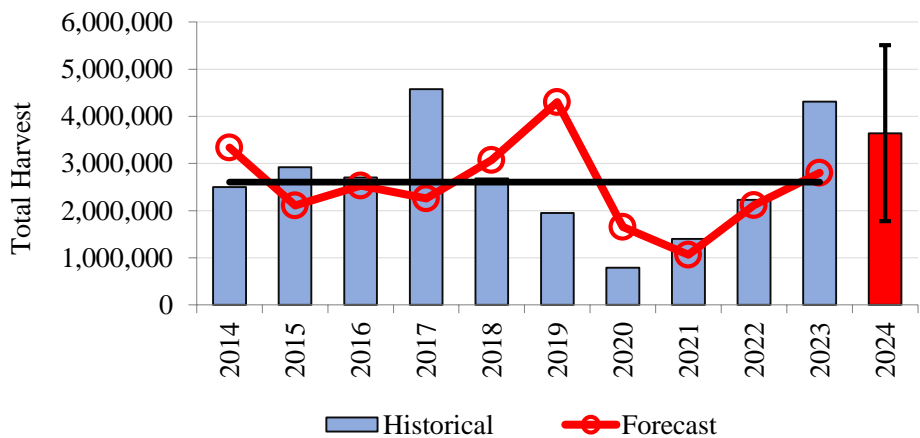
### TAKU/STEPHENS CHUM RETURN Common Property, Cost Recovery Harvest & Broodstock



### LYNN CANAL CHUM RETURN Common Property & Cost Recovery Harvest



### TOTAL CHUM RETURN Historical, Forecasted, & Average Returns



**2023 RETURNS, CONTRIBUTION, COST RECOVERY, & 2024 FORECAST**

**Snettisham Sockeye: 2023 Return Summary**

	CP Contribution	Cost Recovery Harvest	Hatchery Broodstock*	Total Return
Cumulative Totals	35,700	45,400	6,800	87,900
Projected Return	72,400	71,700	6,800	150,900
Percent of Projection	49%	63%	101%	58%

\*Excess/unmarketable not shown, but are summed into total

**Snettisham Sockeye: 2023 Harvest Summary**

Fishery	CP Harvest	Total DIPAC Contribution	Cost Recovery	Total Harvest*
District 11 Gillnet	81,600	28,700	45,400	74,100
Other Gillnet	71,200	1,900		1,900
Seine	37,000	5,200		5,200
<b>Total</b>	<b>189,800</b>	<b>35,700</b>	<b>45,400</b>	<b>87,900</b>

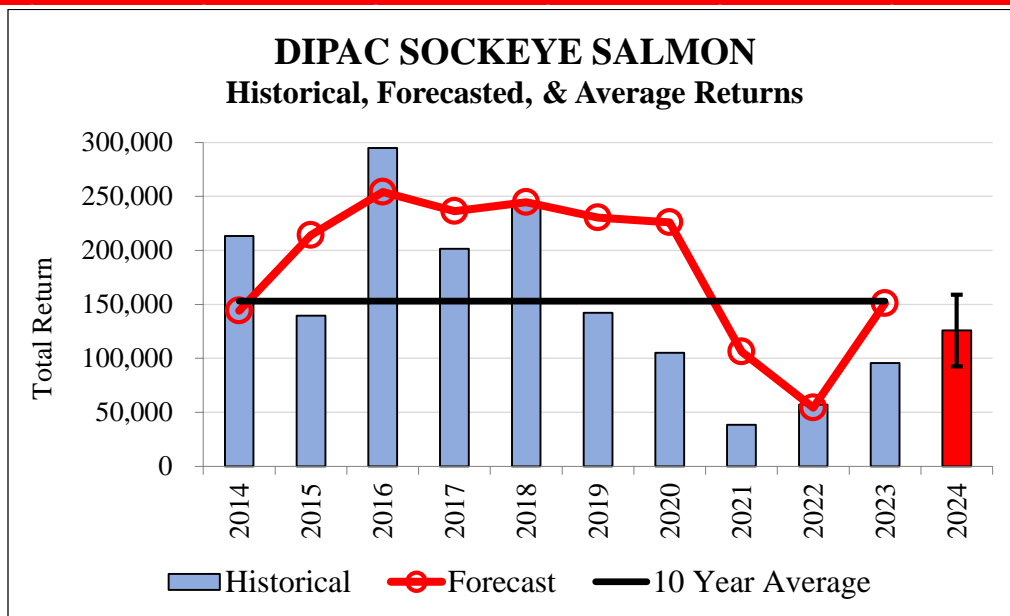
\*Brood, excess/unmarketable not shown, but are summed into total

**Sockeye: 2024 Forecast (Snett. smolt program only)**

Brood Year	Smolts Released	Age	% Age Comp.	Low	Mid	High
2019	8,872,000	5	58%	40,700	<b>73,500</b>	106,300
2020	7,648,000	4	42%	24,300	<b>52,200</b>	80,100
				65,100	<b>125,700</b>	186,400

<b><u>Harvest Share Goal</u></b>	<b><u>Average Harvest Share</u></b>
70% Common Property: <b>83,300</b>	51% Common Property: <b>59,800</b>
30% Cost Recovery: <b>35,700</b>	49% Cost Recovery: <b>59,200</b>
Broodstock: <b>6,800</b>	Broodstock: <b>6,800</b>



**2023 RETURNS, CONTRIBUTION, COST RECOVERY, & 2024 FORECAST**

**King: 2023 Return Summary**

	Age-3	Age-4	Age-5	Age-6	Total Return
Gast. Ch. (MSH & Thane)	50	30	3,500	480	4,100
Fish Creek	30	0	2,600	370	2,900
Auke Bay	0	0	0	70	70
Lena Cove	50	0	0	440	480
<b>Total</b>	<b>130</b>	<b>30</b>	<b>6,100</b>	<b>1,400</b>	<b>7,600</b>

**King: 2024 Forecast Age Composition Summary**

	<sup>1</sup> SMOLT RELEASED	Age-3	Age-4	Age-5	Age-6	Age-7	Total Return Forecast
Gast. Ch. (MSH & Thane)	2,641,000	80	1,200	200	910	3	2,400
Fish Creek	1,165,000	10	40	0	0	0	50
Auke Bay	89,600	60	250	0	160	3	470
Lena Cove	593,900	20	460	0	20	0	510
<b>Totals</b>	<b>4,489,000</b>	<b>170</b>	<b>2,000</b>	<b>200</b>	<b>1,100</b>	<b>5</b>	<b>3,500</b>
<sup>2</sup> Forecast of Total Common Property Contribution:		<b>970</b>		Age 5-7 Total ->		<b>1,300</b>	
<sup>2</sup> Forecast of Total Cost Recovery/Rack Return:		<b>330</b>					
<sup>1</sup> smolt released - the total smolt released for all brood years used in forecast							
<sup>2</sup> only includes ages 5 - 7							

**Coho: 2023 Harvest Summary**

Brood Year	Smolt Released	Common Property Harvest <sup>1</sup>	Cost Recovery Harvest <sup>2</sup>	Total Return	Preseason Forecast	% of Forecast	2023 % M.S.
2020	222,886	1,200	450	1,700	6,400	26%	0.8%

**Coho: 2024 Forecast**

Brood Year	Smolt Released	Forecast	% M.S.
2021	1,351,000	46,400	3.40%

<sup>1</sup>Includes estimated sport catch of coho

<sup>2</sup>Includes Broodstock, Donations, and Excess