



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

**2022 Returns & 2023 Forecast**

updated 11/21/2022

**2022 RETURNS, CONTRIBUTION, COST RECOVERY, & 2023 FORECAST**

**Chum: 2022 Return Summary**

	Common Property Contribution	Cost Recovery Harvest	Hatchery Broodstock	Total Return
Cumulative Totals	1,319,000	708,400	201,400	2,229,000
Projected Return	1,194,000	731,600	190,000	2,115,000
Percent of Projection	111%	97%	106%	105%

**Chum: 2022 Return Summary by District & Age**

DISTRICT	AGE-3	AGE-4	AGE-5	AGE-6	TOTAL
Taku/Stephens	67,600	369,400	193,000	2,270	<b>632,200</b>
Lynn Canal/Amalga	113,100	1,064,000	412,500	6,560	<b>1,597,000</b>
	<b>180,700</b>	<b>1,434,000</b>	<b>605,500</b>	<b>8,820</b>	<b>2,229,000</b>
Projected:	94,500	1,367,000	617,900	35,500	2,115,000
Percent of Projection	191%	105%	98%	25%	105%

**Chum: 2022 Harvest Summary**

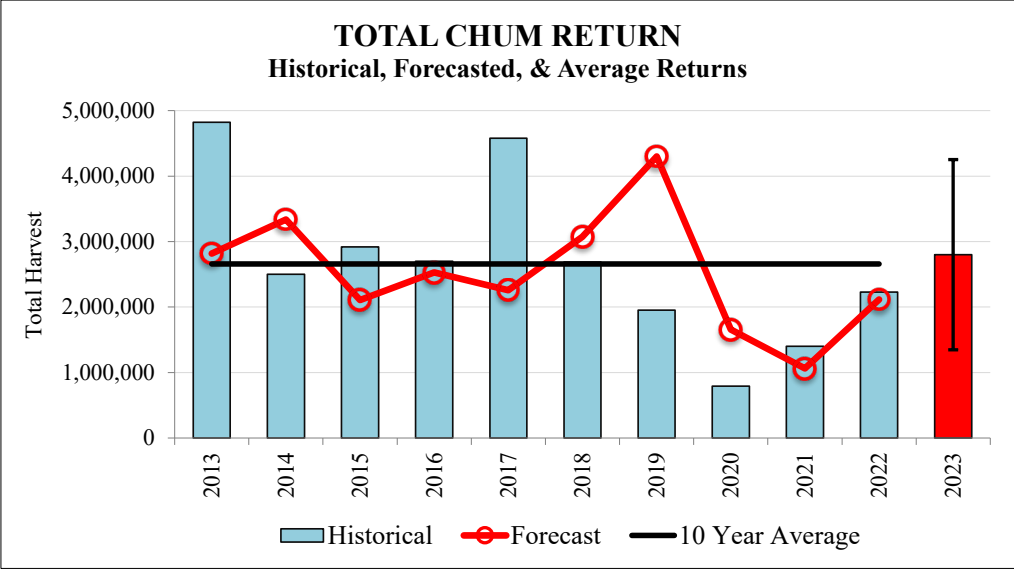
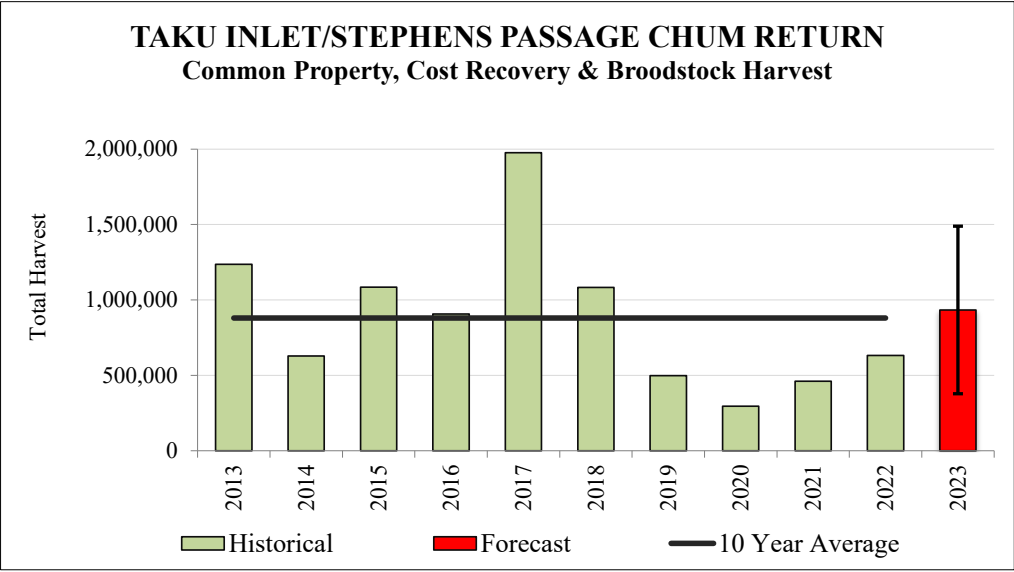
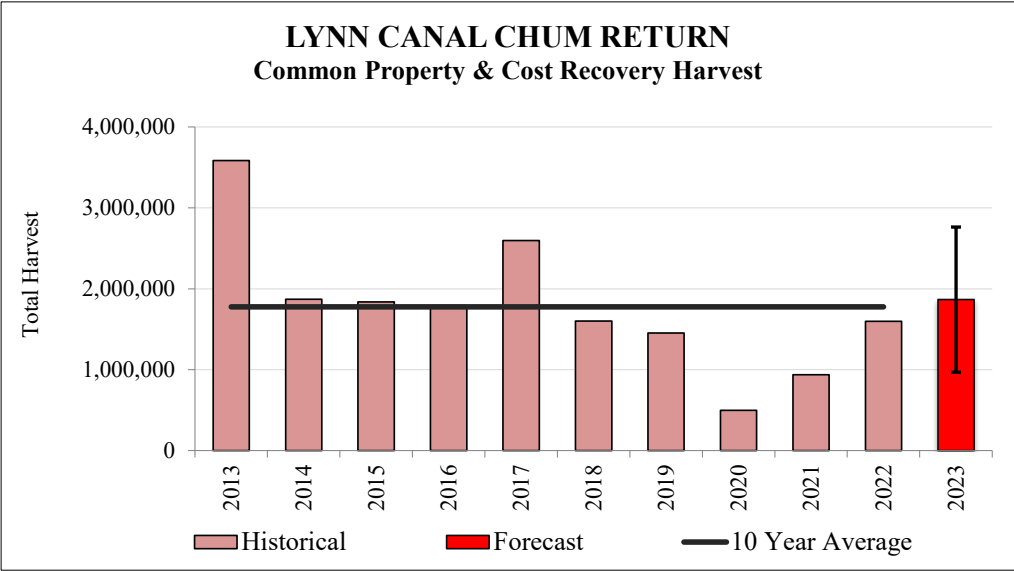
FISHERY	Property Harvest	DIPAC Contribution	% DIPAC Contribution	Cost Recovery	Total Harvest
Lynn Canal Gillnet	932,500	904,000		654,700	1,559,000
Taku/Stephens Gillnet	311,700	297,700		53,700	351,400
Homeshore Troll	3,000	2,300			2,300
Amalga CP Seine	85,100	85,100			85,100
Misc. SEAK	55,700	17,900			17,900
Other Seine	11,700	11,700			11,700
Sport		500			500
Brood & Esc					201,400
<b>Total</b>	<b>1,400,000</b>	<b>1,319,000</b>		<b>708,400</b>	<b>2,229,000</b>

**Chum: PRELIMINARY 2023 Forecast Summary By District (updated 11/16/22)**

DISTRICT	PROJECTED RETURN			HARVEST SHARES	
	LOW	MID-POINT	HIGH	COM. PROP.	CR FISH
Taku/Stephens	378,100	933,700	1,489,000	488,700	255,000
Lynn Canal/Amalga	969,000	1,866,000	2,763,000	1,312,000	553,900
	<b>1,347,000</b>	<b>2,800,000</b>	<b>4,252,000</b>	<b>1,801,000</b>	<b>809,000</b>

**Chum: PRELIMINARY 2023 Forecast Age Composition Summary**

BROOD YEAR	AGE	% by AGE	FISH	CP Harvest	CR Harvest	Broodstock
2017	6	2%	44,400	28,900	12,900	2,600
2018	5	27%	747,600	475,900	215,400	56,300
2019	4	68%	1,900,000	1,226,000	549,500	124,300
2020	3	4%	108,000	69,900	31,300	6,800
			<b>2,800,000</b>	<b>1,801,000</b>	<b>809,000</b>	<b>190,000</b>



## 2022 RETURNS, CONTRIBUTION, COST RECOVERY, & 2023 FORECAST

### Snettisham Sockeye: 2022 Return Summary

	Common Property Contribution	Cost Recovery Harvest	Hatchery Broodstock*	Total Return
Cumulative Totals	28,300	20,800	7,300	56,400
Projected Return	23,900	23,700	6,800	54,400
Percent of Projection	118%	88%	101%	104%

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

### Snettisham Sockeye: 2022 Harvest Summary

Fishery	CP Harvest	Total CP Contribution	Cost Recovery	Total Harvest*
District 11 Gillnet	116,900	18,100	20,800	38,900
Other Gillnet	107,100	9,700		9,700
Seine	1,500	500		500
<b>Total</b>	<b>225,500</b>	<b>28,300</b>	<b>20,800</b>	<b>56,400</b>

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

### Sockeye: 2023 Forecast (updated 11/16/22)

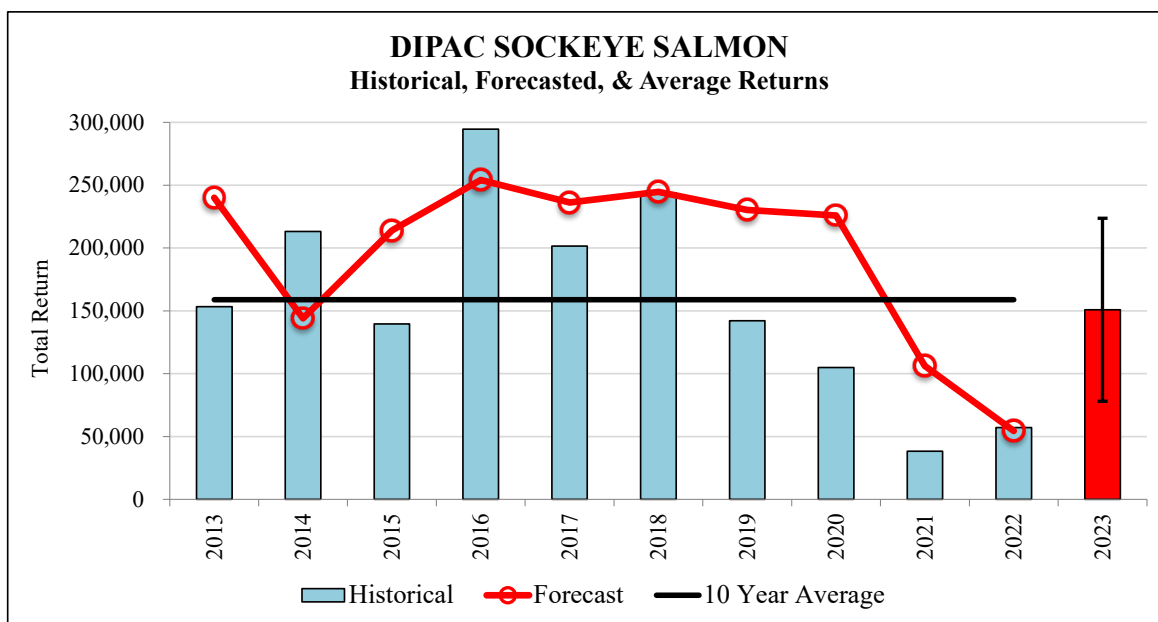
Brood Year	Smolts Released	Age	% Age	Low	Mid	High
2018	8,871,000	5	35%	14,200	53,500	92,900
2019	8,872,000	4	65%	63,900	97,300	130,800
				78,100	<b>150,900</b>	223,700

#### Harvest Share Goal

70% Common Property: 100,800  
30% Cost Recovery: 43,200  
Broodstock: 6,800

#### Average Harvest Share

51% Common Property: 72,400  
49% Cost Recovery: 71,700  
Broodstock: 6,800



**2022 RETURNS, CONTRIBUTION, COST RECOVERY, & 2023 FORECAST**

**King: 2022 Return Summary**

	Age-3	Age-4	Age-5	Age-6	Total Return
Gast. Ch. (MSH & Thane)	0	370	2,000	90	2,500
Fish Creek	0	410	1,300	90	1,800
Auke Bay	0	0	440	0	440
Lena Cove	0	0	810	0	810

**King: 2023 Forecast Age Composition Summary (updated 11/16/22)**

	<sup>1</sup> SMOLT RELEASED	Age-3	Age-4	Age-5	Age-6	Age-7	Total Return Forecast
Gast. Ch. (MSH & Thane)	1,007,000	620	0	2,500	560	10	3,700
Fish Creek	1,149,000	140	0	1,200	160	2	1,500
Auke Bay	178,900	0	0	0	100	3	100
Lena Cove	394,000	160	0	0	80	0	240

**Totals**

<sup>2</sup>Forecast of Total Common Property Contribution: 3,000

<sup>2</sup>Forecast of Total Cost Recovery/Rack Return: 1,700

<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: 2022 Harvest Summary**

Brood Year	Smolt Released	Common Property Harvest <sup>1</sup>	Cost Recovery Harvest <sup>2</sup>	Total Return	Preseason Forecast	% of Forecast	2022 % M.S.
2019	298,400	1,800	1,200	2,900	11,800	25%	1.0%

**Coho: 2023 Forecast updated (11/16/22)**

Brood Year	Smolt Released	Forecast	% M.S.
2020	222,900	6,400	2.9%

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

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