

Annual Hatchery Operator Value Estimates

Please note that 2022 data is preliminary. Values are from end-of-season (Nov. 2022) operator estimates from SSRAA, NSRAA, DIPAC, and AKI (no AKI pink, partial AKI chum estimate).

The 2022 enhanced salmon value is estimated at \$55.6 million, ranking of 5th out of 29 years.

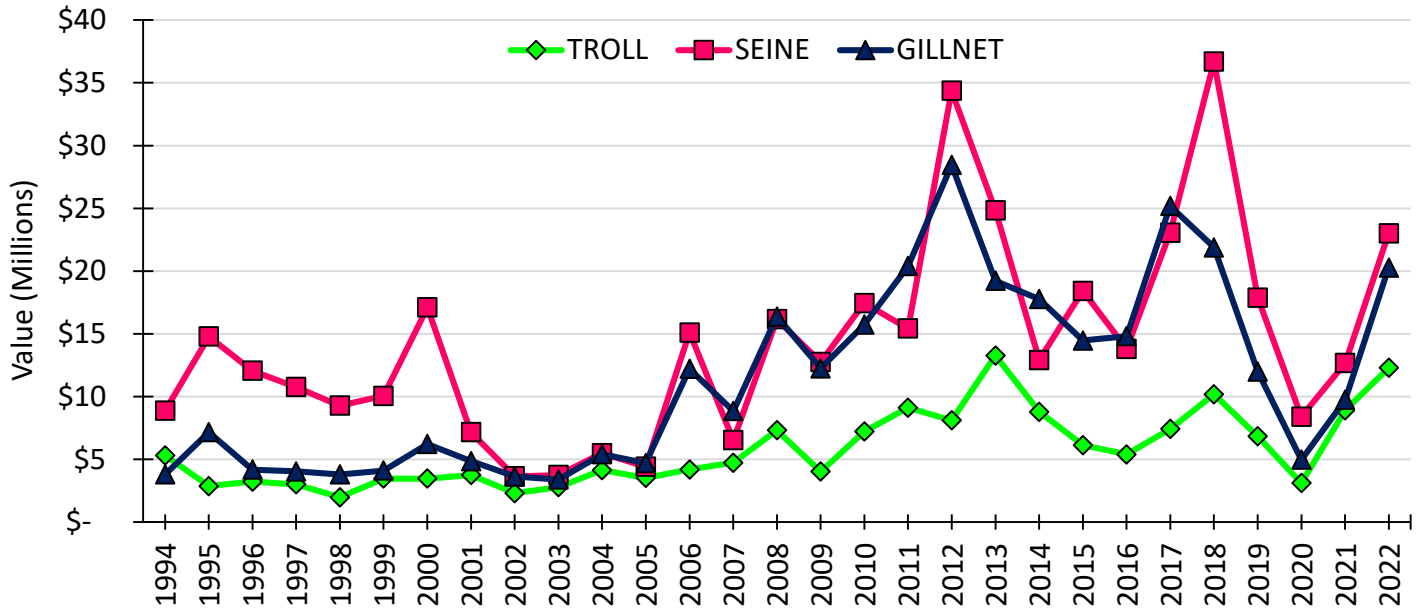


Figure 1. Southeast Alaska annual estimate of enhanced salmon value by gear group.

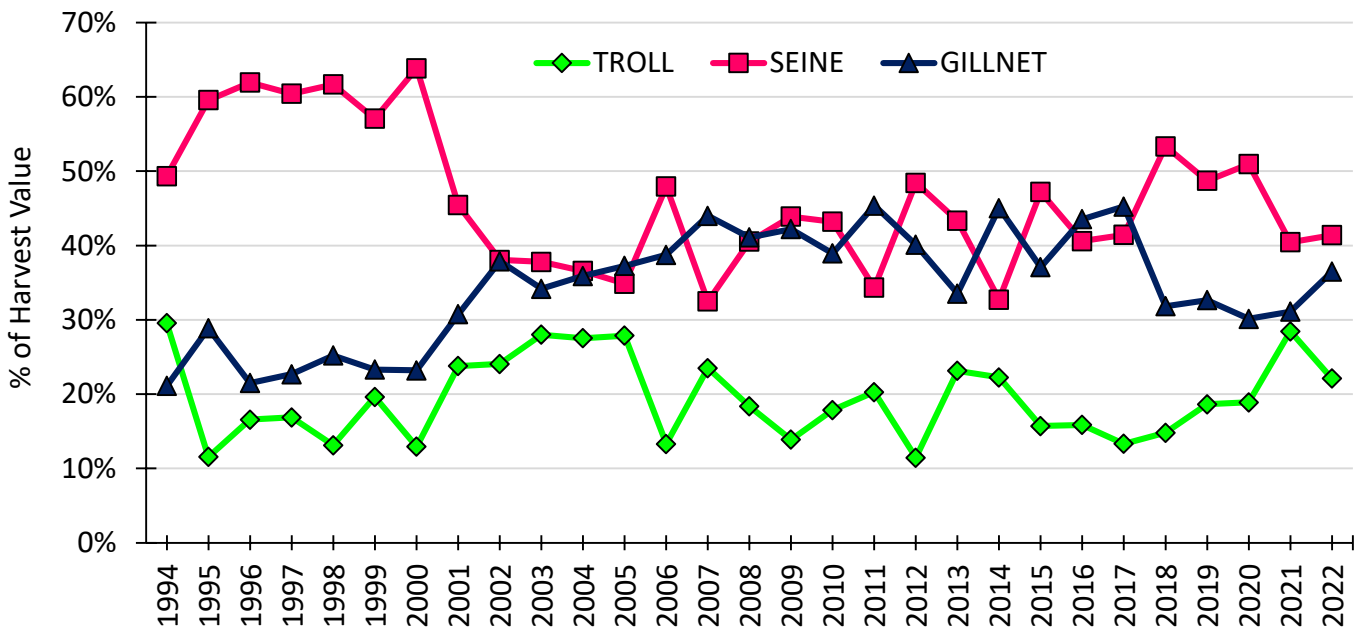


Figure 2. Percent of total annual enhanced SE AK salmon harvest value by gear group.

Annual Harvest Value Percentage Estimate				
Year	Troll	Seine	Gillnet	Total
1994	30%	49%	21%	100%
1995	12%	60%	29%	100%
1996	17%	62%	21%	100%
1997	17%	60%	23%	100%
1998	13%	62%	25%	100%
1999	20%	57%	23%	100%
2000	13%	64%	23%	100%
2001	24%	45%	31%	100%
2002	24%	38%	38%	100%
2003	28%	38%	34%	100%
2004	28%	37%	36%	100%
2005	28%	35%	37%	100%
2006	13%	48%	39%	100%
2007	24%	32%	44%	100%
2008	18%	41%	41%	100%
2009	14%	44%	42%	100%
2010	18%	43%	39%	100%
2011	20%	34%	45%	100%
2012	11%	48%	40%	100%
2013	23%	43%	34%	100%
2014	22%	33%	45%	100%
2015	16%	47%	37%	100%
2016	16%	41%	44%	100%
2017	13%	41%	45%	100%
2018	15%	53%	32%	100%
2019	19%	49%	33%	100%
2020	19%	51%	30%	100%
2021	28%	40%	31%	100%
2022	22%	41%	36%	100%

5-Year Rolling Average Estimates

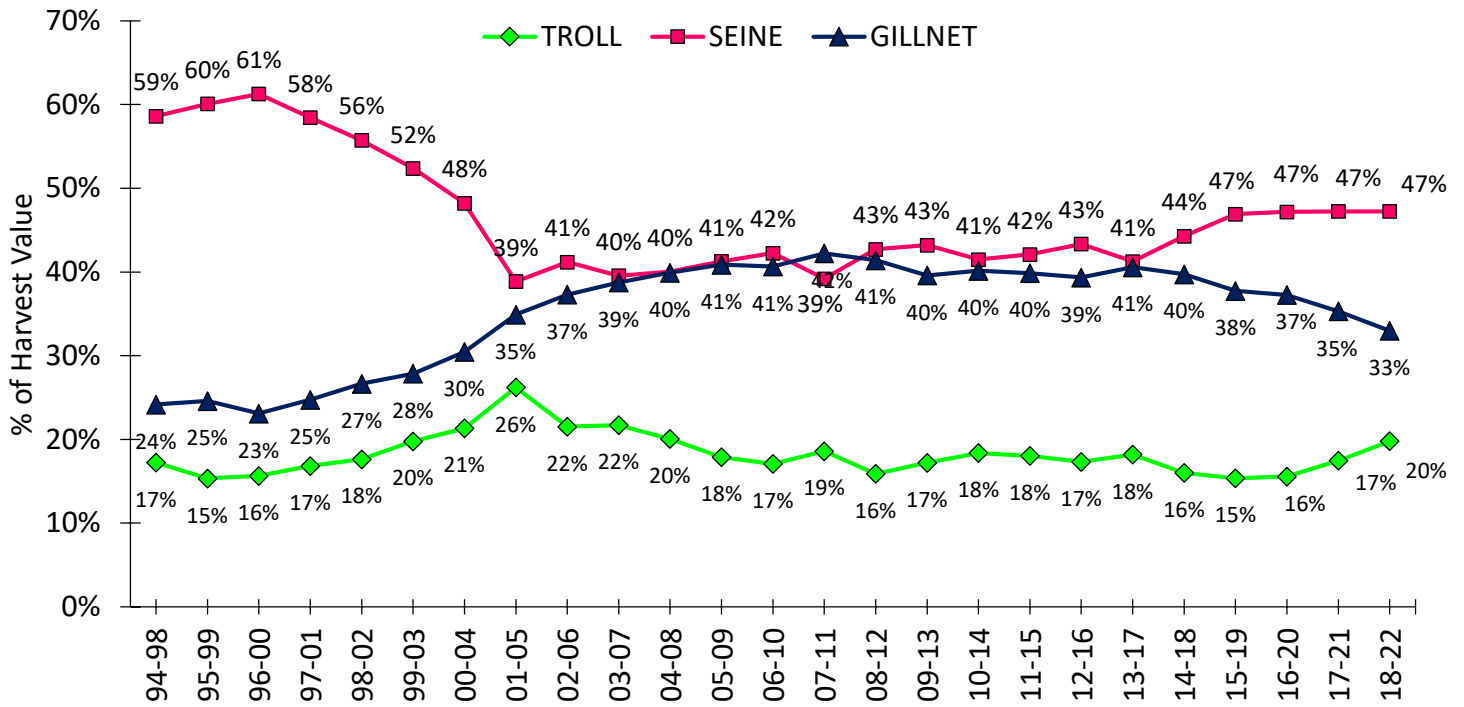


Figure 3. Southeast Alaska 5-year rolling average estimate of enhanced salmon value by gear group.

TROLL: 27-32%

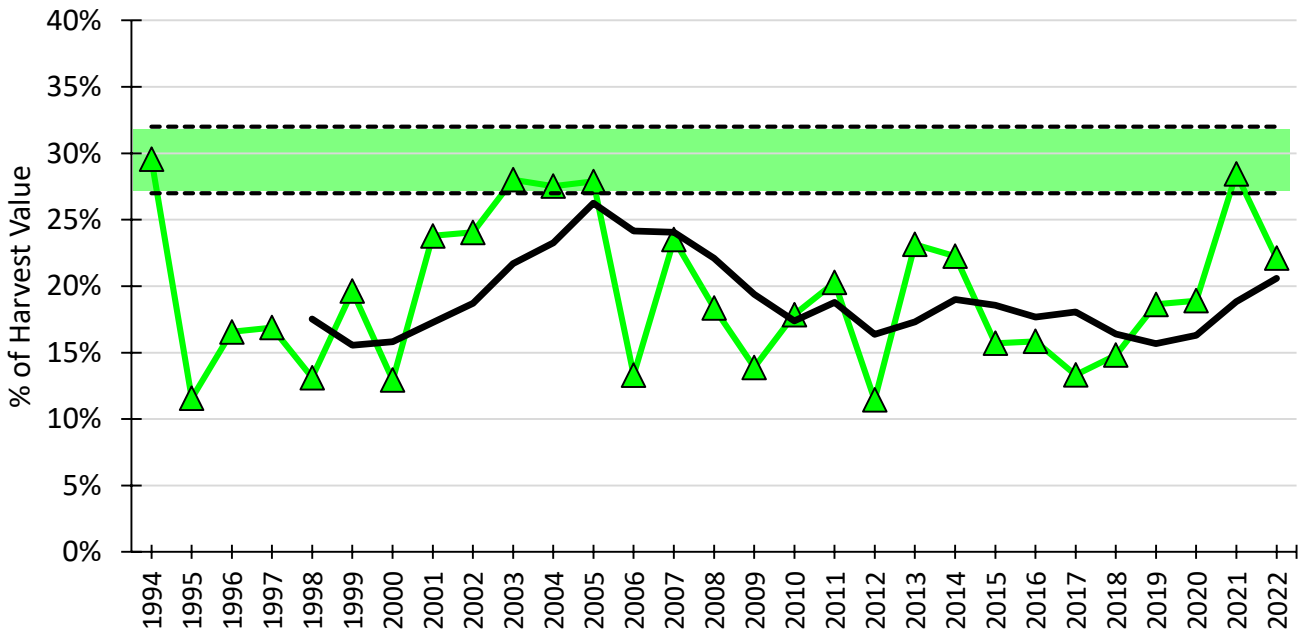


Figure 4. Troll percent of total annual enhanced SE AK salmon value. The black line depicts the 5-year rolling average.

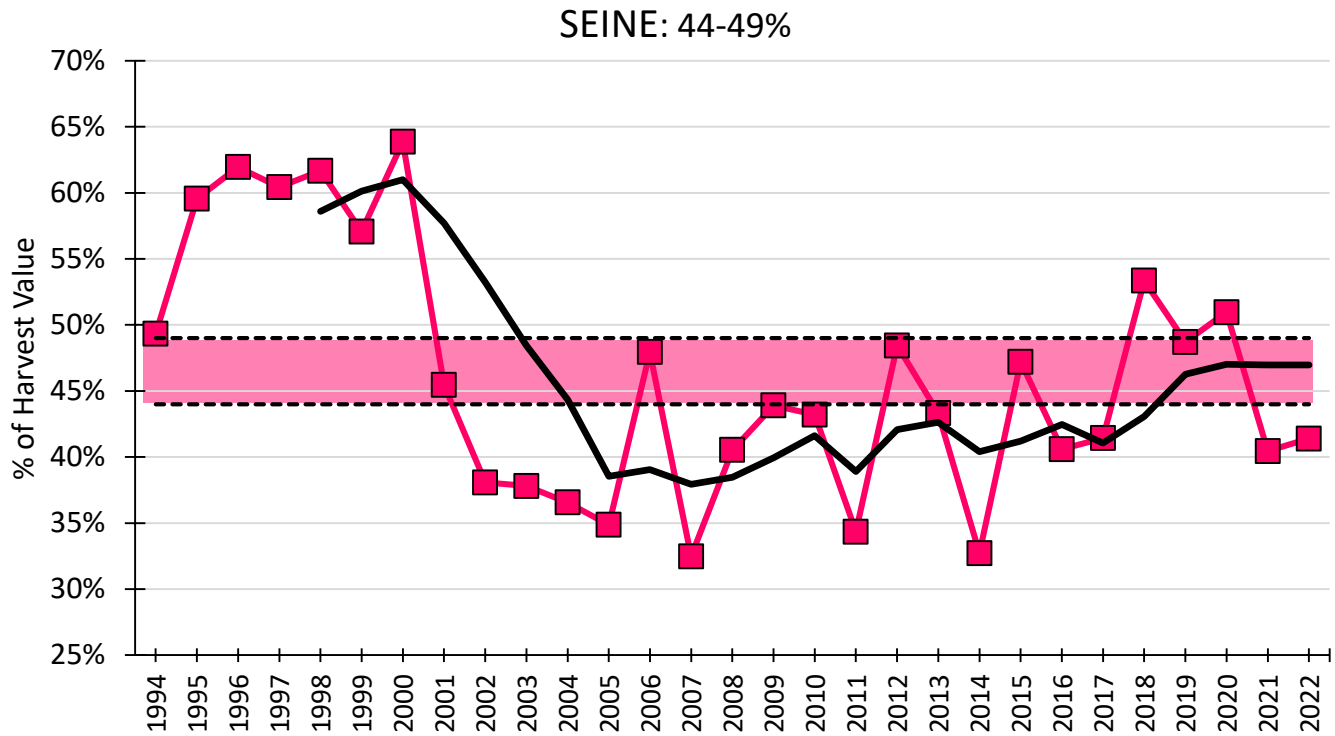


Figure 5. Seine percent of total annual enhanced SE AK salmon value. The black line depicts the 5-year rolling average.

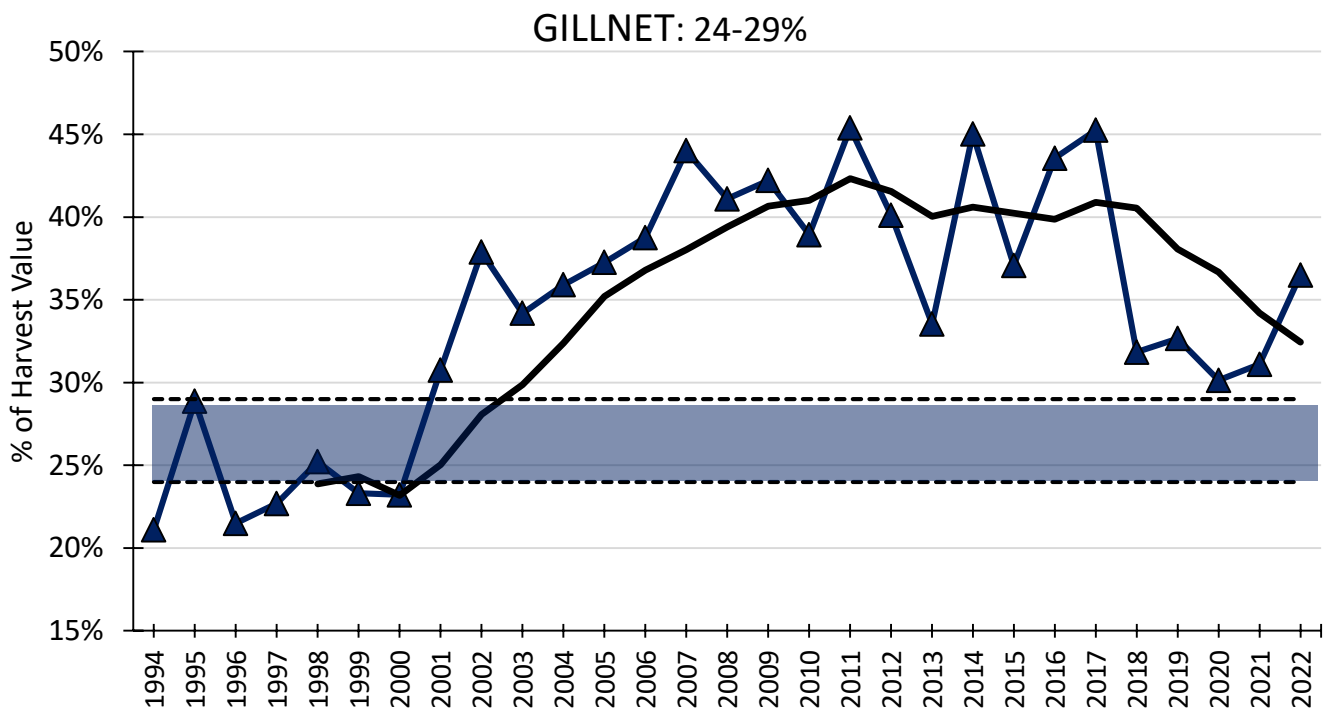


Figure 6. Gillnet percent of total annual enhanced SE AK salmon value. The black line depicts the 5-year rolling average.

2022 Preliminary Enhanced Salmon Value Estimates

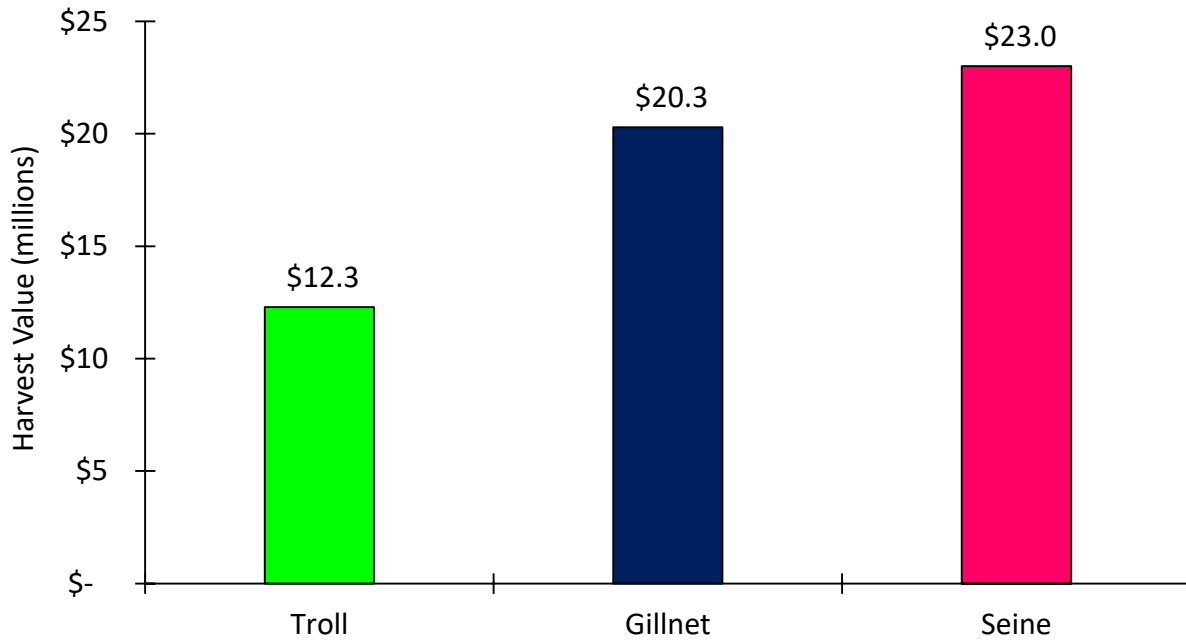


Figure 7. Preliminary operator estimates of 2022 enhanced Southeast Alaska salmon value by gear group.

2022 Preliminary Value by Agency & Gear				
	Troll	Gillnet	Seine	Total
NSRAA	\$ 9,235,000	\$ 3,950,000	\$ 11,053,000	\$ 24,238,000
SSRAA	\$ 2,384,000	\$ 5,385,000	\$ 10,588,000	\$ 18,357,000
DIPAC	\$ 30,000	\$ 10,908,000	\$ 1,269,000	\$ 12,207,000
AKI	\$ 407,000	\$ 13,000	\$ 9,000	\$ 429,000
SSSC	\$ 235,000	\$ 30,000	\$ 90,000	\$ 355,000
TOTAL	\$ 12,291,000	\$ 20,286,000	\$ 23,009,000	\$ 55,586,000
	22%	36%	41%	

NSRAA includes SJ at Deep Inlet (AKI Chinook and coho only)

SSSC chum estimate from NSRAA otolith sampling

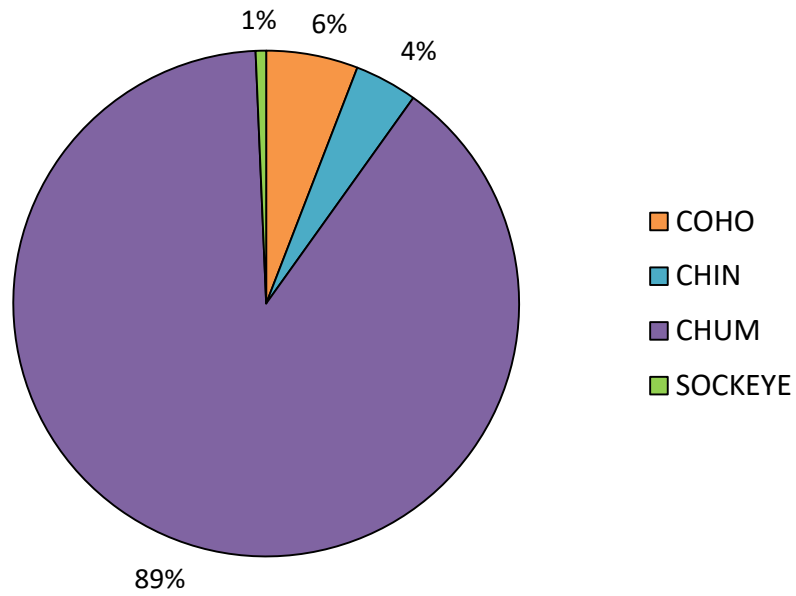


Figure 8. Preliminary operator estimates of 2022 enhanced Southeast Alaska salmon value by species.

2022 Preliminary Enhanced Value by Species & Gear					
	Troll	Gillnet	Seine	Total	
		\$ 360,000	\$ 137,000	\$ 3,262,000	6%
		\$ 735,000	\$ 568,000		4%
		\$ 18,822,000	\$ 22,298,000		89%
	\$ -	\$ 367,000	\$ 6,000		1%
Total	\$ 12,291,000	\$ 20,284,000	\$ 23,009,000	\$ 55,584,000	
	22%	36%	41%		

Hatchery Operator Value Estimates for Preliminary Allocation Update - 2022

NSRAA Value				
	Troll	Gillnet	Seine	Total
COHO	\$ 651,600	\$ 12,100	\$ 25,700	\$ 689,400
CHIN	\$ 342,400	\$ 131,600	\$ 46,500	\$ 520,500
CHUM	\$ 7,527,500	\$ 3,451,100	\$ 10,164,900	\$ 21,143,500
SJ Chum - Deep Inlet	\$ 713,000	\$ 354,900	\$ 816,200	\$ 1,884,100
ALL SPECIES:	<u>\$ 9,234,500</u>	<u>\$ 3,949,700</u>	<u>\$ 11,053,300</u>	
TOTAL COMMERCIAL VALUE:				<u>\$ 24,237,500</u>

Chum includes all Deep Inlet catch (NSRAA + SJH contribution)

***NO HF ASSESSMENT ADJ THIS YEAR (NO TAX)

SSRAA Value				
	Troll	Gillnet	Seine	Total
COHO	\$ 1,713,500	\$ 337,000	\$ 110,100	\$ 2,160,600
CHIN	\$ 573,700	\$ 577,000	\$ 521,600	\$ 1,672,300
CHUM	\$ 97,000	\$ 4,470,700	\$ 9,956,200	\$ 14,523,900
SOCKEYE	\$ -	\$ -	\$ -	\$ -
ALL SPECIES:	<u>\$ 2,384,200</u>	<u>\$ 5,384,700</u>	<u>\$ 10,587,900</u>	
TOTAL COMMERCIAL VALUE:				<u>\$ 18,356,800</u>

2022

	Troll	Gillnet	Seine	Total
Total - All Assoc.	\$ 12,289,900	\$ 20,284,800	\$ 23,008,400	\$ 55,583,100
Percent of Total	22.1%	36.5%	41.4%	100.0%

DIPAC Value

	Troll	Gillnet	Seine	Total
COHO	\$ -	\$ 11,200	\$ -	\$ 11,200
CHIN	\$ 10,900	\$ 26,800	\$ -	\$ 37,700
CHUM	\$ 19,100	\$ 10,502,100	\$ 1,263,000	\$ 11,784,200
SOCKEYE	\$ -	\$ 367,400	\$ 5,500	\$ 372,900
ALL SPECIES:	<u>\$ 30,000</u>	<u>\$ 10,907,500</u>	<u>\$ 1,268,500</u>	
TOTAL COMMERCIAL VALUE:				<u>\$ 12,206,000</u>

AKI Value

	Troll	Gillnet	Seine	Total
COHO	\$ 398,800	\$ -	\$ 1,100	\$ 399,900
CHIN	\$ -	\$ -	\$ -	\$ -
CHUM	\$ 8,200	\$ 12,800	\$ 7,800	\$ 28,800
PINK	\$ -	\$ -	\$ -	\$ -
ALL SPECIES:	<u>\$ 407,000</u>	<u>\$ 12,800</u>	<u>\$ 8,900</u>	
TOTAL COMMERCIAL VALUE:				<u>\$ 428,700</u>

Ben A Est. TagLab & otolith data

SSSC Value

	Troll	Gillnet	Seine	Total
COHO	\$ -	\$ -	\$ -	\$ -
CHIN	\$ -	\$ -	\$ -	\$ -
CHUM	\$ 234,200	\$ 30,100	\$ 89,800	\$ 354,100
PINK	\$ -	\$ -	\$ -	\$ -
ALL SPECIES:	<u>\$ 234,200</u>	<u>\$ 30,100</u>	<u>\$ 89,800</u>	
TOTAL COMMERCIAL VALUE:				<u>\$ 354,100</u>

Ben A Est. TagLab & otolith data

2022 SE AK Salmon Value

2022 Enhanced Value		
Gear	Value	% of Enhanced Value
Troll	\$ 12,291,000	22%
Seine	\$ 23,009,000	41%
Gillnet	\$ 20,285,000	36%
Total	\$ 55,585,000	100%

Data Source:
Hatchery Operator Estimates

2022 Total Value	
Total Value - Wild & Enhanced	% Enhanced
\$ 34,757,000	35%
\$ 55,876,000	41%
\$ 30,166,000	67%
\$ 120,799,000	46%

Data Source:
ADF&G Harvest by Area Estimate (Blue Sheet)

Annual Return On Investment (Dollars)			
Year	Troll	Seine	Gillnet
2000	\$ 6.81	\$ 13.99	\$ 17.95
2001	\$ 6.28	\$ 3.90	\$ 13.29
2002	\$ 4.83	\$ 5.00	\$ 13.87
2003	\$ 5.24	\$ 3.67	\$ 11.67
2004	\$ 3.76	\$ 4.79	\$ 14.28
2005	\$ 3.39	\$ 3.07	\$ 11.30
2006	\$ 3.03	\$ 17.29	\$ 19.35
2007	\$ 4.09	\$ 3.39	\$ 18.56
2008	\$ 5.67	\$ 12.14	\$ 21.56
2009	\$ 4.86	\$ 7.78	\$ 20.99
2010	\$ 6.53	\$ 9.32	\$ 18.62
2011	\$ 8.37	\$ 3.21	\$ 20.84
2012	\$ 8.06	\$ 14.67	\$ 24.31
2013	\$ 9.70	\$ 4.37	\$ 20.75
2014	\$ 5.29	\$ 6.38	\$ 19.88
2015	\$ 6.92	\$ 10.12	\$ 22.39
2016	\$ 4.21	\$ 10.05	\$ 20.74
2017	\$ 6.16	\$ 9.16	\$ 26.30
2018	\$ 9.74	\$ 21.26	\$ 24.08
2019	\$ 7.31	\$ 11.30	\$ 19.20
2020	\$ 13.33	\$ 17.38	\$ 6.42
2021	\$ 9.39	\$ 6.07	\$ 21.31
2022	\$ 11.42	\$ 12.65	\$ 22.20
Average	\$ 6.71	\$ 9.17	\$ 18.69