

Juneau Management Area 2021 Purse Seine Season Summary

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Purse Seine Task Force
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2021 Juneau Management Area Common Property Purse Seine Salmon Harvests and Averages

Escapements met or exceeded in seven of ten JMA pink salmon stock groups,

	Chinook	sockeye	coho	pink	chum
2021	64	38,900	28,800	5,242,000	45,000
10-yr average	230	42,400	29,900	5,713,000	512,000
% 10-yr	25%	92%	96%	92%	9%
odd-yr average	415	78,800	58,250	11,287,000	748,000
% odd-yr	14%	49%	49%	46%	6%

2021 Juneau Management Area Purse Seine Fisheries



Gulf of Alaska

Juneau

Port Althorp/Idaho Inlet
Harvest Confidential
Hours: 312

Point Augusta/Whitestone/
Point Sophia
Pink: 875,200
Chum: 16,250
Sockeye: 6,400
Boats: 43
Hours: 486

Hawk Inlet/West Admiralty
Pink: 3,276,500
Chum: 12,850
Sockeye: 29,350
Boats: 51
Hours: 404

Southwest Admiralty
Pink: 1,199,000
Chum: 16,350
Sockeye: 3,500
Boats: 34
Hours: 273

Pink Salmon Escapement Index

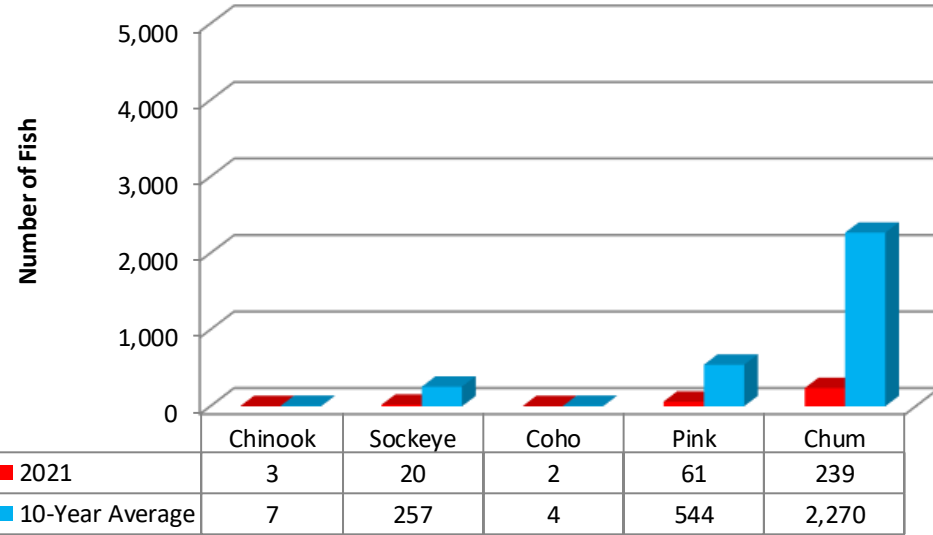
-  above management targets
-  within management targets
-  below management targets



2021 Hawk Inlet Test Fishery

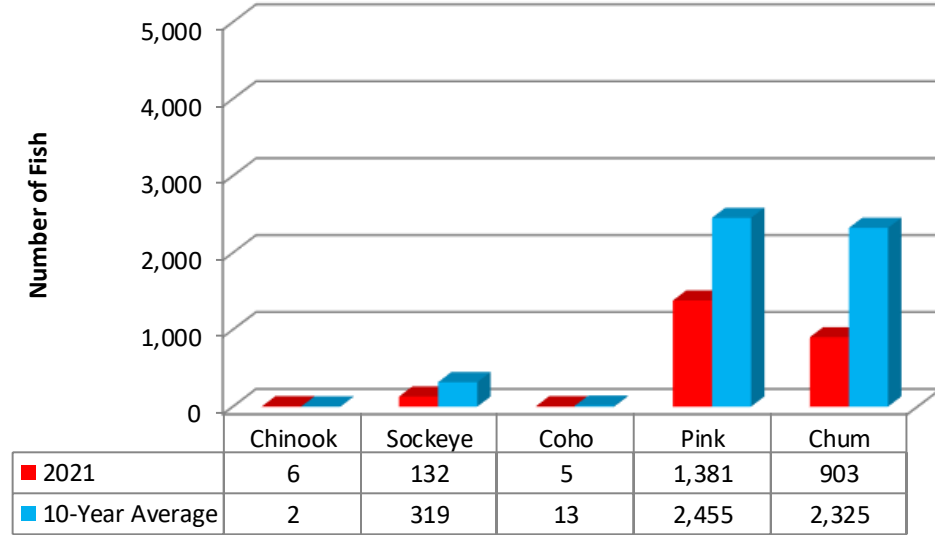
June 26, 2021 SW 26

■ 2021 ■ 10-Year Average



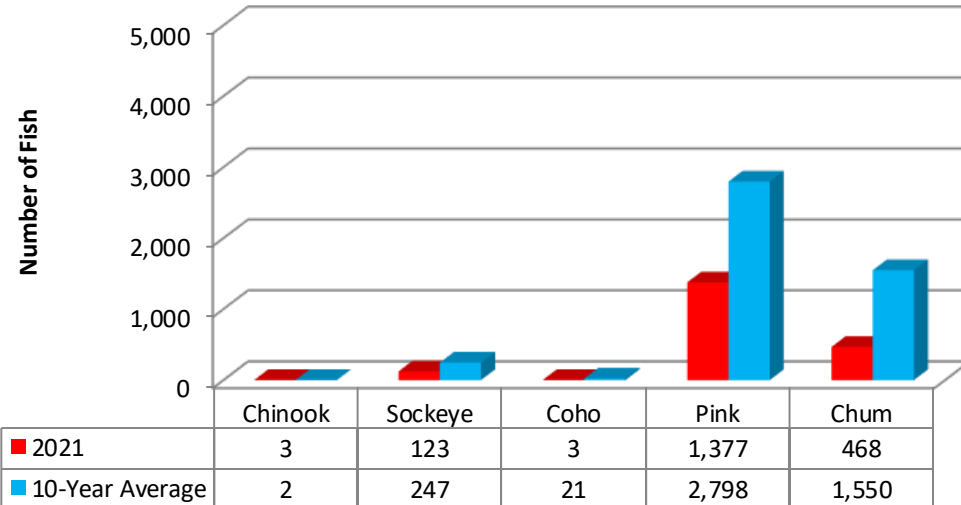
July 2, 2021 SW 27

■ 2021 ■ 10-Year Average



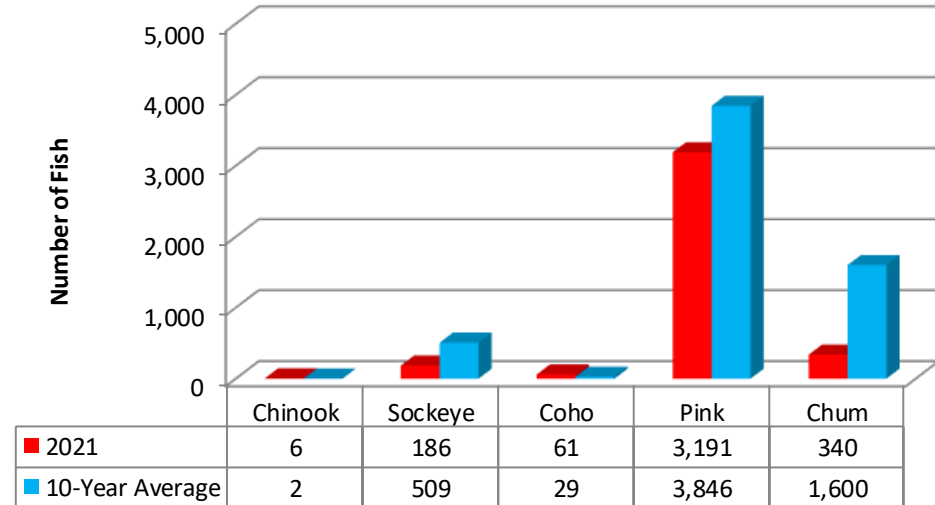
July 9, 2021 SW 28

■ 2021 ■ 10-Year Average



July 16, 2021 SW 29

■ 2021 ■ 10-Year Average



Hawk Inlet Shoreline Fisheries

1st non-index area fishery of the season on July 22 included the Hawk Inlet shoreline, on the last day of the revised sockeye salmon harvest limit period in *5 AAC 33.366 Northern Southeast seine salmon fishery management plans*.

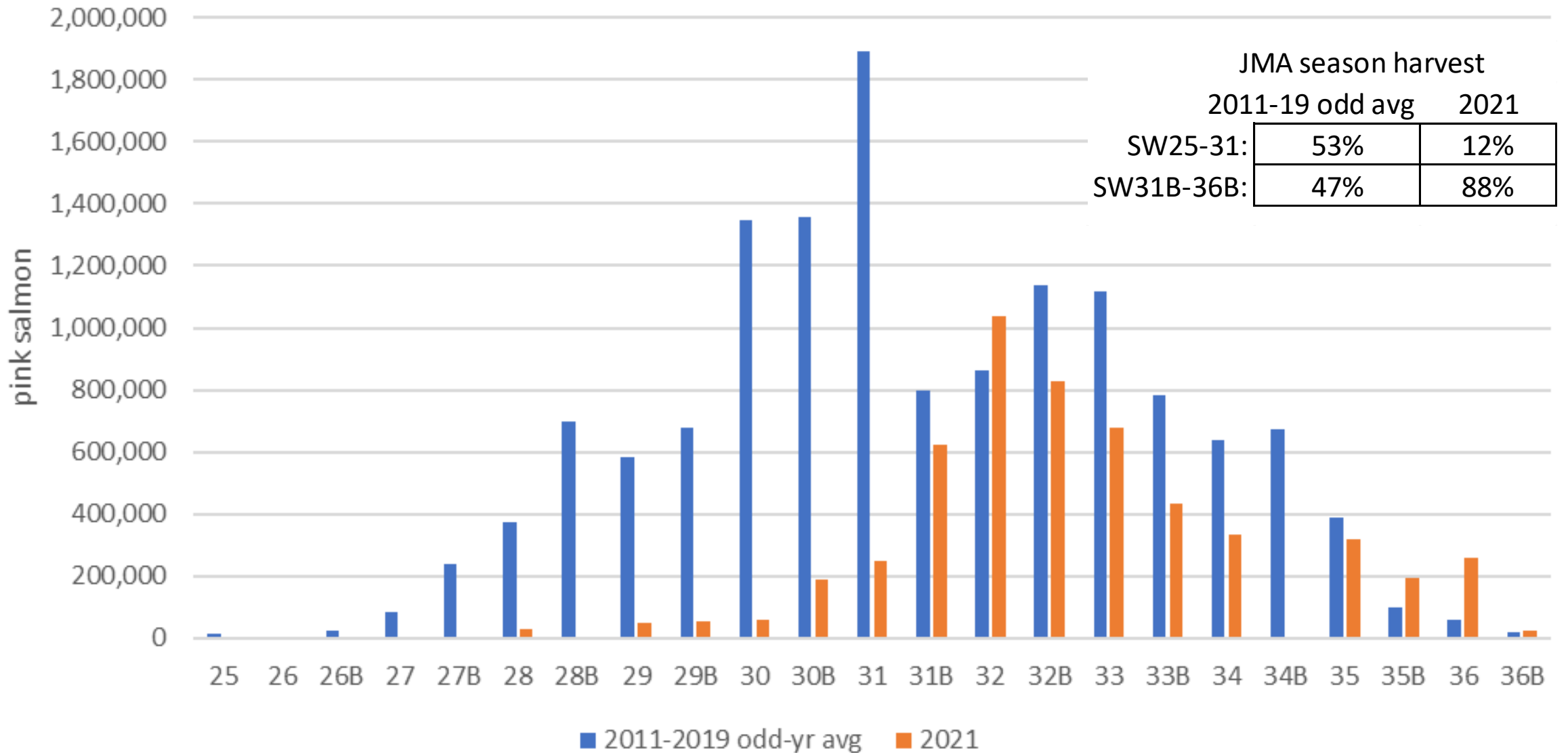
Open 8 hours within 0.5 nautical miles of shore, south of the lat of Hanus Reef.

14 Boats harvested 74,000 pink, 1,730 chum and 1,918 sockeye salmon.

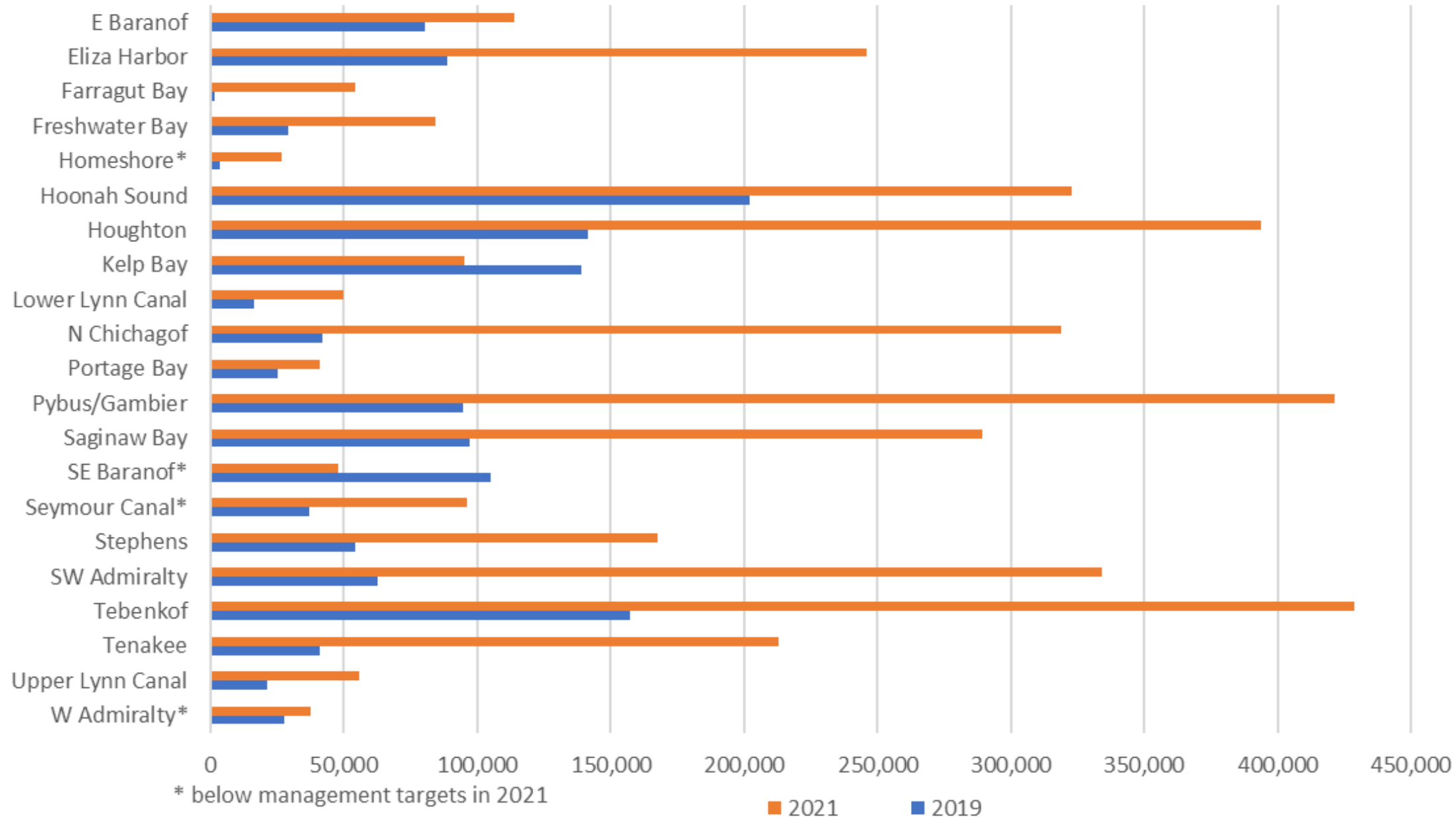
Otolith analysis indicate 18.3% of sockeye were of enhanced origin;

Wild sockeye salmon harvest of 1,567 well below harvest cap of 15,000 fish.

2011-2019 odd-year JMA average pink salmon harvest by opening vs 2021



NSEI Pink Salmon Escapement Index Counts by Stockgroup 2021 v 2019



Point Samuel



Actual Marker Location
57°28.45' N

2021 EO open waters
south of 57°28.31' N

Point Samuel
closed waters north of
57°28.25' N
5 AAC 33.350(m)(10)

Killisnoo Island

Source: Esri, DeLorme, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Section 14 B, Port Frederick: Location of decommissioned Port Frederick Light 3 at Cannery Point marking boundary of closed waters

Description of closed waters revised, using same location as decommissioned light.

Visual lineup from corner of cruise ship dock to western tip of Halibut Island.



2022 Juneau Management Area Expectations Uncertain

2020 Parent year NSEI escapement below goal range, but strongest even-year index count since 2010, and better than 2019.

2021 NOAA SECM survey results poor: 2nd lowest CPUE in 25 years of surveys.

Potentially favorable conditions in Gulf of Alaska continue, 2021 pink salmon harvest was above forecast range.

Initial opening at Pt. Augusta Index area June 18, 2022.

Amalga Harbor SHA openings in July unlikely, dependent on enhanced chum salmon run strength and progress towards DIPAC cost recovery goals.