

**Overview of the 2021 Southeast Alaska and Yakutat  
Commercial, Personal Use, and Subsistence Salmon  
Fisheries**

by

**Sara Conrad**

and

**Troy Thynes**

---

---

July 2022

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



## Symbols and Abbreviations

The following symbols and abbreviations, and others approved for the Système International d'Unités (SI), are used without definition in the following reports by the Divisions of Sport Fish and of Commercial Fisheries: Fishery Manuscripts, Fishery Data Series Reports, Fishery Management Reports, and Special Publications. All others, including deviations from definitions listed below, are noted in the text at first mention, as well as in the titles or footnotes of tables, and in figure or figure captions.

<b>Weights and measures (metric)</b>		<b>General</b>		<b>Mathematics, statistics</b>	
centimeter	cm	Alaska Administrative Code	AAC	<i>all standard mathematical signs, symbols and abbreviations</i>	
deciliter	dL	all commonly accepted abbreviations	e.g., Mr., Mrs., AM, PM, etc.	alternate hypothesis	$H_A$
gram	g			base of natural logarithm	$e$
hectare	ha			catch per unit effort	CPUE
kilogram	kg	all commonly accepted professional titles	e.g., Dr., Ph.D., R.N., etc.	coefficient of variation	CV
kilometer	km			common test statistics	(F, t, $\chi^2$ , etc.)
liter	L	at	@	confidence interval	CI
meter	m	compass directions:		correlation coefficient	
milliliter	mL	east	E	(multiple)	R
millimeter	mm	north	N	correlation coefficient	
		south	S	(simple)	r
<b>Weights and measures (English)</b>		west	W	covariance	cov
cubic feet per second	ft <sup>3</sup> /s	copyright	©	degree (angular)	°
foot	ft	corporate suffixes:		degrees of freedom	df
gallon	gal	Company	Co.	expected value	$E$
inch	in	Corporation	Corp.	greater than	>
mile	mi	Incorporated	Inc.	greater than or equal to	≥
nautical mile	nmi	Limited	Ltd.	harvest per unit effort	HPUE
ounce	oz	District of Columbia	D.C.	less than	<
pound	lb	et alii (and others)	et al.	less than or equal to	≤
quart	qt	et cetera (and so forth)	etc.	logarithm (natural)	ln
yard	yd	exempli gratia		logarithm (base 10)	log
		(for example)	e.g.	logarithm (specify base)	log <sub>2</sub> , etc.
<b>Time and temperature</b>		Federal Information Code	FIC	minute (angular)	'
day	d	id est (that is)	i.e.	not significant	NS
degrees Celsius	°C	latitude or longitude	lat or long	null hypothesis	$H_0$
degrees Fahrenheit	°F	monetary symbols		percent	%
degrees kelvin	K	(U.S.)	\$, ¢	probability	P
hour	h	months (tables and figures): first three letters	Jan, ..., Dec	probability of a type I error (rejection of the null hypothesis when true)	$\alpha$
minute	min	registered trademark	®	probability of a type II error (acceptance of the null hypothesis when false)	$\beta$
second	s	trademark	™	second (angular)	"
		United States (adjective)	U.S.	standard deviation	SD
<b>Physics and chemistry</b>		United States of America (noun)	USA	standard error	SE
all atomic symbols		U.S.C.	United States Code	variance	
alternating current	AC	U.S. state	use two-letter abbreviations (e.g., AK, WA)	population sample	Var var
ampere	A				
calorie	cal				
direct current	DC				
hertz	Hz				
horsepower	hp				
hydrogen ion activity (negative log of)	pH				
parts per million	ppm				
parts per thousand	ppt, ‰				
volts	V				
watts	W				

***FISHERY MANAGEMENT REPORT NO. 22-05***

**OVERVIEW OF THE 2021 SOUTHEAST ALASKA AND YAKUTAT  
COMMERCIAL, PERSONAL USE, AND SUBSISTENCE SALMON  
FISHERIES**

by  
Sara Conrad  
Alaska Department of Fish and Game, Division of Commercial Fisheries, Douglas  
and  
Troy Thynes  
Alaska Department of Fish and Game, Division of Commercial Fisheries, Petersburg

Alaska Department of Fish and Game  
Division of Sport Fish, Research and Technical Services  
333 Raspberry Road, Anchorage, Alaska, 99518-1565

July 2022

The Fishery Management Reports series was established in 1989 by the Division of Sport Fish for the publication of an overview of management activities and goals in a specific geographic area, and became a joint divisional series in 2004 with the Division of Commercial Fisheries. Fishery Management Reports are intended for fishery and other technical professionals, as well as lay persons. Fishery Management Reports are available through the Alaska State Library and on the Internet: <http://www.adfg.alaska.gov/sf/publications/>. This publication has undergone regional peer review.

Product names used in this publication are included for completeness and do not constitute product endorsement. The Alaska Department of Fish and Game does not endorse or recommend any specific company or their products.

*Sara Conrad  
Alaska Department of Fish and Game, Division of Commercial Fisheries  
802 3rd Street  
Douglas, AK 99811-0024 USA*

*and*

*Troy Thynes  
Alaska Department of Fish and Game, Division of Commercial Fisheries  
16 Sing Lee Alley  
Petersburg, AK 99835-0667 USA*

*This document should be cited as follows:*

*Conrad, S., and T. Thynes. 2022. Overview of the 2021 Southeast Alaska and Yakutat commercial, personal use, and subsistence salmon fisheries. Alaska Department of Fish and Game, Fishery Management Report No. 22-05, Anchorage.*

The Alaska Department of Fish and Game (ADF&G) administers all programs and activities free from discrimination based on race, color, national origin, age, sex, religion, marital status, pregnancy, parenthood, or disability. The department administers all programs and activities in compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act (ADA) of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972.

**If you believe you have been discriminated against in any program, activity, or facility please write:**

ADF&G ADA Coordinator, P.O. Box 115526, Juneau, AK 99811-5526

U.S. Fish and Wildlife Service, 4401 N. Fairfax Drive, MS 2042, Arlington, VA 22203

Office of Equal Opportunity, U.S. Department of the Interior, 1849 C Street NW MS 5230, Washington DC 20240

**The department's ADA Coordinator can be reached via phone at the following numbers:**

(VOICE) 907-465-6077, (Statewide Telecommunication Device for the Deaf) 1-800-478-3648,  
(Juneau TDD) 907-465-3646, or (FAX) 907-465-6078

**For information on alternative formats and questions on this publication, please contact:**

ADF&G Division of Sport Fish, Research and Technical Services, 333 Raspberry Road, Anchorage AK 99518 (907) 267-2375.

# TABLE OF CONTENTS

	<b>Page</b>
LIST OF TABLES.....	i
LIST OF FIGURES.....	ii
ABSTRACT.....	1
INTRODUCTION.....	1
SOUTHEAST ALASKA/YAKUTAT REGION.....	1
FISHERIES MANAGEMENT ORGANIZATION.....	1
FISHERY CHARACTERISTICS.....	2
2021 HISTORICAL COMPARISON.....	2
FISHERY PARTICIPATION.....	4
2021 SALMON HARVEST.....	4
HARVEST BY GEAR TYPE.....	5
EXVESSEL VALUE.....	5
SUBSISTENCE AND PERSONAL USE SALMON FISHERIES.....	6
REFERENCES CITED.....	6
TABLES AND FIGURES.....	7

## LIST OF TABLES

<b>Table</b>	<b>Page</b>
1. Region I annual total commercial salmon harvest in numbers and percentages of the total by species, 1962–2021.....	8
2. Number of active limited entry and interim use permits issued and fished in Southeast Alaska fisheries, 1975–2021.....	10
3. Southeast Alaska commercial salmon harvest, in numbers, by harvest type and fishery, 2021.....	11
4. Southeast Alaska annual commercial total salmon harvest by harvest type, in numbers and percent, 1962–2021.....	12
5. Southeast Alaska annual commercial Chinook salmon harvest by harvest type, in numbers and percent, 1962–2021.....	14
6. Southeast Alaska annual commercial total sockeye salmon harvest by harvest type, in numbers and percent, 1962–2021.....	16
7. Southeast Alaska annual commercial total coho salmon harvest by harvest type, in numbers and percent, 1962–2021.....	18
8. Southeast Alaska annual commercial total pink salmon harvest by harvest type, in numbers and percent, 1962–2021.....	20
9. Southeast Alaska annual commercial total chum salmon harvest by harvest type, in numbers and percent, 1962–2021.....	22
10. Southeast Alaska estimated exvessel value, harvest, average weight, and price paid per pound by gear and species, 2021.....	24
11. Southeast Alaska salmon exvessel value estimates from Commercial Fisheries Entry Commission and fish ticket data by gear group, 1976–2021.....	25
12. Southeast Alaska salmon subsistence/personal use effort and harvest by species, 1985–2021.....	26

# LIST OF FIGURES

<b>Figure</b>	<b>Page</b>
1. Southeast Alaska consists of Alaska waters between Cape Suckling on the north and Dixon Entrance on the south. ....	27
2. Boundaries for regulatory Districts 1 to 16, as well as Dixon Entrance District, within Southeast Alaska.....	28
3. Boundaries for Yakutat and Yakataga regulatory Districts within the Yakutat management area.....	29
4. Southeast Alaska historical salmon harvest and recent 10-year average harvest, 1878–2021. ....	30
5. Southeast Alaska historical salmon harvest by species and season, 1878–2021.....	31
6. Southeast Alaska total commercial exvessel value by gear type and season from Commercial Fisheries Entry Commission and fish ticket data, and number of salmon harvested by season, 1975–2021.....	32
7. Number of fish harvested by species and effort in the Southeast Alaska subsistence/personal use fishery, 1985–2021.....	33

## ABSTRACT

Southeast Alaska and Yakutat commercial, personal use, and subsistence salmon fisheries are summarized for the 2021 season. Historical harvests are provided for comparison. Total commercial harvest in 2021 was 58.9 million salmon with an estimated exvessel value of \$143 million. Harvest by species in 2021 included 226,000 Chinook (*Oncorhynchus tshawytscha*), 1.1 million sockeye (*O. nerka*), 1.6 million coho (*O. kisutch*), 48.5 million pink (*O. gorbuscha*), and 7.4 million chum (*O. keta*) salmon. In the purse seine fishery, 208 permit holders harvested 48.2 million salmon, including 44.5 million pink and 2.6 million chum salmon. In the drift gillnet fishery, 371 permit holders harvested 2.6 million salmon, including 1.5 million chum, 673,000 pink, 209,000 sockeye, 193,000 coho, and 17,000 Chinook salmon. In the troll fishery, 629 power troll and 202 hand troll permit holders (831 total permits) harvested 163,000 Chinook, 849,000 coho, and 704,000 chum salmon. In the set gillnet fishery, 95 permit holders harvested 88,000 sockeye and 75,000 coho salmon. Hatchery organizations harvested a total of 3 million salmon for cost recovery including 2.5 million chum salmon. In the 2021 subsistence/personal use fisheries, 3,077 household permits were issued for fishing in Southeast Alaska and Yakutat; reported 2021 harvest to date is 30,714 salmon.

Keywords: Southeast Alaska, Yakutat, 2021 season, commercial fisheries, personal use fisheries, subsistence fisheries, Chinook (*Oncorhynchus tshawytscha*), sockeye (*Oncorhynchus nerka*), coho (*Oncorhynchus kisutch*), pink (*Oncorhynchus gorbuscha*), chum (*Oncorhynchus keta*), salmon, exvessel value, permit holders, hatchery, purse seine, drift gillnet, power troll, hand troll, set gillnet

## INTRODUCTION

This report is an overview of the commercial and subsistence/personal use salmon fisheries in the Southeast Alaska/Yakutat Region (Region I) for the 2021 season. Separate annual management reports will be issued providing more detailed summaries of the 2021 Region I salmon troll fishery, set gillnet fishery, and the purse seine and drift gillnet fisheries.

## SOUTHEAST ALASKA/YAKUTAT REGION

Fisheries management in the State of Alaska is divided between 4 large geographical regions: Southeast/Yakutat (Region I), Central, Westward, and Arctic–Yukon–Kuskokwim. Region I consists of Alaska waters between Cape Suckling on the north and Dixon Entrance on the south (Figure 1). Region I is divided into 2 salmon net registration areas. Registration Area A, the Southeast Alaska area, extends from Dixon Entrance to Cape Fairweather. The Southeast Alaska area is divided into 17 regulatory districts, Districts 1 through 16 and the Dixon Entrance District (Figure 2). Some Registration Area A districts are further divided into sections by regulation. Registration Area D, the Yakutat area, extends from Cape Fairweather to Cape Suckling. The Yakutat area is further divided into the Yakutat District, extending from Cape Fairweather to Icy Cape, and the Yakataga District, extending westward from Icy Cape to Cape Suckling (Figure 3).

For management and administrative purposes, Region I is divided into 6 management areas with offices located in Juneau, Ketchikan/Craig, Petersburg, Sitka, Haines, and Yakutat. Offices in Craig and Yakutat are seasonally staffed and other offices are open all year.

## FISHERIES MANAGEMENT ORGANIZATION

Management of Region I salmon fisheries is provided by area management biologists, regional management biologists, and their staff. There are 6 area management biologists, corresponding with each area office. Management biologists with area responsibilities oversee the commercial salmon net (purse seine, drift gillnet, and set gillnet), herring, shrimp (pot gear), miscellaneous shellfish (dive fisheries), and the subsistence/personal use fisheries in their respective areas. Management biologists with regional responsibilities oversee the salmon troll, groundfish, crab, and shrimp beam trawl fisheries. There is a closely coordinated regional management approach

for every fishery because of the size of the region and the spatial and temporal movement of fish and fishers between the various management areas. Prior to each salmon season, the Alaska Department of Fish and Game (ADF&G) publishes detailed management plans that specify how that season's fisheries will be managed and contain information about expected returns. Specific management actions are taken inseason which specify times and areas of fishery openings or additional measures. These actions are implemented through emergency orders under authority delegated by the department commissioner to regional and area management biologists. Details of openings are announced in widely distributed department-issued advisory announcements. All landings of commercially harvested salmon are reported to the department on fish tickets by the initial buyers. Subsistence and personal use fisheries are managed under permit authority. A regional permit is issued online or in area offices. Permit conditions vary by management area. Harvests are reported online during or after the season or when permits are returned at the end of the season.

## **FISHERY CHARACTERISTICS**

Salmon are commercially harvested in Southeast Alaska (Registration Area A) with purse seines and drift gillnets, in Yakutat (Registration Area D) with set gillnets, and in both areas with hand troll and power troll gear. The salmon net fisheries are confined to state waters. The troll fishery operates in both state waters and in the federal waters of the Exclusive Economic Zone. The use of floating fish traps is only allowed within the Annette Islands Reserve (AIR), established by Presidential Proclamation in 1916; however, there have been no reported fish trap harvests since 1993.

Region I salmon fisheries are complex due to the mixed stock and mixed species nature of the runs and to the utilization of runs by several different gear groups that often harvest the same stocks of fish. Because the region contains approximately 5,500 salmon-producing streams and tributaries of various productivity levels, it is impractical to apply stock-specific fisheries management for most stocks. Additionally, some salmon harvested in the region originate from other states (primarily Washington and Oregon) and Canada. Salmon fisheries are managed for sustained yield and allocated among users according to Alaska Board of Fisheries regulations and harvest-sharing provisions of the Pacific Salmon Treaty (PST) between the United States and Canada.

## **2021 HISTORICAL COMPARISON**

Commercial utilization of Region I salmon resources began in the late 1870s (Figure 4). Until the early 1900s, sockeye salmon (*Oncorhynchus nerka*) was the primary species harvested (Figure 5). Pink salmon (*O. gorbuscha*) began to dominate the harvest in the early 1900s. During the past 10 years, pink salmon has composed 65% of the region's total salmon harvest (Table 1). The relative order of harvest (in numbers of fish) from highest to lowest is generally pink, chum (*O. keta*), coho (*O. kisutch*), sockeye, and Chinook (*O. tshawytscha*) salmon.

Region I salmon harvest peaked at over 60 million fish in the late 1930s and early 1940s, and declined to historical low levels in the 1950s and early 1960s (Figure 4). During the middle to late 1960s, harvests increased, but in the early 1970s another decline in production occurred. From the early 1980s through the mid-2000s, salmon harvests increased substantially. Record harvests since statehood occurred during the 12-year period from 1993 through 2004 for Chinook (2004), sockeye (1993), coho (1994), and chum salmon (1996; Table 1). All-time record harvests dating back to 1878 were set for sockeye and Chinook salmon prior to statehood, with 3.5 million sockeye



salmon harvested in 1914 and 878,000 Chinook salmon harvested in 1937 (Byerly et al. 1999). The record harvest for coho salmon was 5.7 million fish in 1994; the record for chum salmon was 16.0 million fish in 1996; and the record pink salmon harvest was 94.8 million fish in 2013. The record regional total commercial harvest was set in 2013 at 112.5 million salmon. Within the most recent decade, harvests have fluctuated greatly. Because pink salmon are the most abundant species, downward harvest trends are in large part due to low even-year pink salmon runs that began in 2006. With the exception of 2019, odd-year harvests over the same period have been above the long-term average (1962–2020).

Salmon harvests since 1962, and average harvests by gear and harvest type, are presented in Table 4. The various salmon fisheries in the region are well established, and the distribution of harvests between fisheries has changed little when comparing the recent 10-year average (2011–2020) or the long-term average since 1962. The exception is that private hatchery cost-recovery harvests, which began around 1980, can account for a substantial proportion of overall harvests. Recent 10-year average harvests in percentages by gear type are as follows: 70% by purse seine, 11% by drift gillnet, 9% by hatchery organizations, 5% by troll, 3% by AIR, and 1% by set gillnet. In 2021, the total harvest of 58.9 million salmon ranked 16th of the past 59 years (since 1962).

Chinook salmon harvest of 226,000 fish in 2021 was below both the recent and long-term averages (Table 5, Figure 5). The 2021 Chinook salmon harvest ranks 7th lowest over the previous 59 years. Targeted Chinook salmon fisheries are composed of 3 elements: (1) coastwide mixed stocks harvested within limits of the all-gear PST harvest ceiling, (2) production from Alaska Chinook salmon enhancement programs, and (3) directed fisheries on surplus returns to the Stikine River, Taku River, or both. The average total Chinook salmon harvest since 1962 is approximately 294,000 fish. Chinook salmon less than 28 inches may be retained but not sold in the purse seine fishery, and Chinook salmon of all sizes may be sold in the drift gillnet fishery. The PST accounts for large Chinook salmon, greater than or equal to 28 inches overall length, as Treaty Chinook salmon. Preliminary harvests of coastwide Chinook salmon accountable under the PST included 165,410 by troll gear, 5,450 by purse seine gear, 2,960 by gillnet gear, and 30,560 for sport fisheries. Total commercial harvests of Alaska hatchery origin Chinook salmon were 36,000, 15% of total Chinook salmon harvests, and 5,700 were harvested in private hatchery cost-recovery fisheries. For transboundary river stocks regulated under the PST, forecasts for the Stikine and Taku Rivers in 2021 provided no allowable catch (AC) for directed fisheries on returns of large Chinook (28 inches in length or greater).

The 2021 sockeye salmon harvest was 1.1 million fish (Table 6, Figure 5). This harvest was slightly above the recent 10-year average and below the long-term average of 1.3 million fish. The 2021 sockeye salmon harvest ranks 30th over the previous 59 years. Sockeye salmon harvests in the northern boundary area and transboundary river fisheries are regulated under the PST to provide for conservation and harvest sharing with Canada. The Southeast Alaska purse seine fishery harvest of 794,000 sockeye salmon was above the recent 10-year and long-term averages, and accounted for 71% of the region's total sockeye salmon harvest. The drift gillnet fishery harvest of 209,000 sockeye salmon was below the recent and long-term averages and accounted for 19% of the region's total sockeye salmon harvest. The set gillnet fishery harvest of 88,000 sockeye salmon was below the recent and long-term averages and accounted for 8% of the regional total sockeye salmon harvest (Table 4).

Coho salmon harvest was 1.6 million fish in 2021 (Table 7, Figure 5). This harvest was less than the long-term and recent averages and ranks 39th of the 59 years since 1962. Coho salmon harvest in the troll fishery was 849,000 fish, less than the long-term and recent averages, and accounted for 54% of the harvest. Only the purse seine coho salmon harvest was above the recent average.

Pink salmon harvest was 48.5 million fish in 2021, 82% of the region's total salmon harvest (Table 1, Figure 5). Pink salmon harvest was above both the recent and long-term averages, ranking as the 13th largest harvest since 1962. Purse seine pink salmon harvest was 44.5 million fish, 74% of the total pink salmon harvest. Pink salmon harvest in the drift gillnet, set gillnet, and troll fisheries were below their recent and long term averages (Table 8).

Chum salmon harvest of 7.4 million fish in 2021 ranks 26th since 1962 and was below the recent average and long term averages (Table 9, Figure 5). The purse seine chum salmon harvest was 2.6 million fish, 35% of the total chum salmon harvest. Most chum salmon production in the region is attributable to hatchery production. Before hatchery chum salmon production became significant in 1984, the 1962–1983 regional average chum salmon harvest was 1.6 million fish.

## **FISHERY PARTICIPATION**

According to information from the Commercial Fisheries Entry Commission (CFEC 2021), 2,736 total limited entry permits were active (issued or eligible to be renewed) in 2021. Active permits included 278 purse seine, 433 drift gillnet, 166 set gillnet, 902 hand troll, and 957 power troll (Table 2). A total of 1,505 permit holders reported salmon landings in 2021, including 208 purse seine, 371 drift gillnet, 95 set gillnet, 202 hand troll, and 629 power troll.

Purse seine participation by 208 permit holders in 2021 was an increase of 8 permits from 2020 and a decrease from the recent average participation of 252 permits, and was the second lowest since limited entry went into effect in 1976. The number of purse seine permits issued was reduced in 2008 by 35 permits through a permit buyback fleet-reduction program. In 2012, an additional buyback program administered by the CFEC and the National Marine Fisheries Service further reduced the number of permits by 64 permits (Table 2). Drift gillnet participation by 371 permit holders was an increase from the 2020 level and was below the recent 10-year average of 424 permits. Set gillnet effort in 2021 by 95 permit holders was below the recent and long-term averages and the fourth lowest since 1976. Power troll participation by 629 permit holders was below the recent and long-term average, and hand troll effort by 202 permit holders was also below recent and long-term averages. Overall, participation level in 2021 was 18% below the recent 10-year average.

## **2021 SALMON HARVEST**

Region I cumulative commercial salmon harvest by all harvest categories, including hatchery cost recovery, was 58.9 million fish in 2021 (Table 3). Total common property commercial harvest was 52.8 million fish, 90% of the total harvest. Overall, harvest in numbers of salmon in 2021 was over 4 times that of the 2020 harvest. The 2021 harvests by species compared with 2020 were as follows: Chinook–104%, sockeye–245%, coho–135%, pink–600%, and chum salmon–158% (Table 1). Total commercial salmon harvest proportions by species were: <1% Chinook, 2% sockeye, 3% coho, 82% pink, and 13% chum salmon. The 2021 combined-gear, large Chinook salmon harvest of 222,000 fish was 82% of the most recent average and 74% of the long-term average. Sockeye salmon harvest of 1.1 million fish was 41% of the recent average and 75% of the long-term average. Coho salmon harvest of 1.6 million fish was 65% of the recent and 73% of

the long-term averages. Pink salmon harvest of 48.5 million fish was 144% of the recent and 161% of the long-term averages. Chum salmon harvest of 7.4 million fish was 74% of the recent and 120% of the long-term averages. The all species total harvest was 124% of the recent average and 147% of the long-term average harvest (Table 1).

## **HARVEST BY GEAR TYPE**

Region I 2021 salmon harvest by gear type or harvest category and species are summarized in Table 3. Historical harvests showing percentages of harvest by gear are summarized in Table 4. Salmon landed by purse seine gear accounted for 82% of the total salmon harvest, followed by hatchery cost recovery (5%), AIR fisheries (5%), drift gillnet (4%), and troll (3%). Combined hand and power troll harvests accounted for 72% of regional Chinook salmon harvest and 54% of coho salmon harvest (Tables 5 and 7). Of the total harvest, purse seine accounted for 71% of sockeye, 92% of pink, and 35% of chum salmon harvest in the region (Tables 6, 8, and 9). Drift gillnet accounted for 8% of Chinook, 19% of sockeye, 12% of coho, and 21% of chum salmon harvest (Tables 5, 6, 7, and 9). Set gillnet harvested 8% of sockeye and 5% of coho salmon (Tables 6 and 7). Approximately 10% of Chinook, 1% of sockeye, 8% of coho, and 33% of chum salmon harvest were taken in hatchery cost-recovery fisheries (Tables 5, 6, 7, and 9).

Total Chinook salmon harvests of 226,000 fish included 163,000 by troll, 21,000 by purse seine, 17,000 by drift gillnet, 22,000 in hatchery cost recovery, 1,600 by AIR, and 600 by Yakutat set gillnet fisheries (Table 5). Sockeye salmon harvests of 1.1 million fish included 794,000 by purse seine, 209,000 by drift gillnet, 14,000 by hatchery cost recovery, and 88,000 by set gillnet fisheries (Table 6). Coho salmon harvests of 1.6 million fish included 849,000 by troll, 193,000 by drift gillnet, 302,000 by purse seine, 118,000 in hatchery cost recovery, and 75,000 by set gillnet fisheries (Table 7). Pink salmon harvests of 48.5 million fish included 44.5 million by purse seine, 673,000 by drift gillnet, 420,000 by hatchery cost recovery, and 2.7 million by AIR fisheries (Table 8). Chum salmon harvests of 7.4 million fish included 2.6 million by purse seine, 1.5 million by drift gillnet, 2.4 million in hatchery cost recovery, 704,000 by troll, and 134,000 fish by AIR fisheries (Table 9).

## **EXVESSEL VALUE**

The initial reported value of the 2021 Region I commercial salmon harvest based on fish ticket data for all fisheries was \$143 million (Table 10). The total 2021 salmon harvest in numbers of fish was 403% of the 2020 harvest. The 2021 commercial harvest of 200 million pounds was 263% of the 2020 commercial harvest of 76 million pounds. In 2021, pink salmon accounted for 66% of the total weight of salmon harvested, compared with 37% in 2020. In 2021, chum salmon accounted for 25% of the total weight of salmon harvested, compared with 46% in 2020. Average weights by species were similar (within 5%) in 2021 compared with 2020 for Chinook salmon, increased for sockeye salmon (11%); and decreased for coho (7%), pink (21%), and chum (10%) salmon. Prices from 2021 fish tickets compared to 2020 prices from CFEC data increased for all salmon species: for Chinook salmon from \$1.71/lb to \$2.09/lb, for sockeye salmon from \$1.28 to \$1.80, for coho salmon from \$1.28/lb to \$1.80/lb, for pink salmon from \$0.22/lb to \$0.36/lb, and for chum salmon from \$0.57/lb to \$1.00/lb (Table 10).

The preliminary reported exvessel value of the 2021 Region I commercial salmon harvest for purse seine, gillnet, and troll fisheries combined based on fish ticket data is \$122 million. The 2021 season exvessel value for these salmon fisheries is 95% of the recent 10-year average of

\$127.6 million and ranks 7th over the 46-year period since 1975 (Table 11, Figure 6). Common property fishery exvessel value estimates for 2021 exclude AIR, hatchery cost recovery, and miscellaneous harvests.

The 2021 exvessel value by gear was highest for the purse seine fishery (\$71.1 million), followed by troll fishery (\$32.2 million), drift gillnet (\$16.5 million), hatchery cost recovery (\$16.6 million), AIR (\$4.5 million), and set gillnet (\$1.8 million) fisheries (Table 10). Comparing the preliminary value for 2021 to reported CFEC fishery values by fishery for the 46 years since 1975, 2021 would rank as the 7th highest value for purse seine, 21st highest for drift gillnet, 9th highest for troll, and 29th highest for the set gillnet fishery (Table 11, Figure 6). The regional value breakdown by species included \$16.3 million for Chinook, \$11.5 million for sockeye, \$19.5 million for coho, \$48.1 million for pink, and \$43.7 million for chum salmon (Table 10).

## **SUBSISTENCE AND PERSONAL USE SALMON FISHERIES**

In 2018, ADF&G began online permitting for personal use and subsistence fisheries in Southeast Alaska. There is now 1 permit for all of Southeast Alaska and Yakutat with specific regulations and guidelines for individual management areas provided to the user depending on where they intend to fish. Because unique permits are not required for each management area, there is no area office associated with permit data. As a result, permits and harvest will be analyzed by city of residence instead of management area, as was done in past versions of this report.

Reporting of 2021 harvest information for subsistence and personal use fisheries for Region I remains incomplete. A total of 3,077 subsistence and/or personal use salmon permits were issued in 2021. One permit may be issued per household. As of February 11, 2022, 1,875 permits have been returned and 1,207 permits fished harvesting 30,714 salmon of which sockeye salmon accounted for 87% of the reported harvest (Table 12, Figure 7). Combined subsistence/personal use fishery permits issued for residents by management area include 744 in Juneau, 686 in Sitka, 195 in Ketchikan, 402 in Haines, 149 in Petersburg, 82 in Yakutat, 93 in Wrangell, and 183 for residents residing in other communities of Alaska. Salmon harvests by community members within each management area included 6,160 fish in Haines, 9,057 fish in Juneau, 8,333 fish in Sitka, 2,421 fish in Ketchikan, 2,378 fish in Petersburg, 1,633 fish in Yakutat, and 732 fish by residents residing in other communities in Alaska.

## **REFERENCES CITED**

- Byerly, M., B. Brooks, B. Simonson, H. Savikko, and H. J. Geiger. 1999. Alaska commercial salmon catches, 1878–1997. Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report No. 5J99-05, Juneau.
- CFEC (Commercial Fisheries Entry Commission). 2021. Fishery Statistics–Permits and Permit Holders–Permit Status–Fishery Statistics–Participation and Earnings–Basic Information Tables–Salmon, S01A, S03A, S04D, S05B, and S15B. [https://www.cfec.state.ak.us/fishery\\_statistics/permits.htm](https://www.cfec.state.ak.us/fishery_statistics/permits.htm) (Accessed February 2021).

## **TABLES AND FIGURES**

Table 1.—Region I annual total commercial salmon harvest in numbers and percentages of the total by species, 1962–2021.

Year	Chinook <sup>a</sup>	% Chinook	Jacks <sup>b</sup>	% Jacks	Sockeye	% Sockeye	Coho	% Coho	Pink	% Pink	Chum	% Chum	Total
1962	196,650	1	—	—	727,437	5	1,156,277	8	11,255,790	74	1,837,010	12	15,173,164
1963	257,706	1	—	—	675,750	3	1,265,328	6	19,115,942	84	1,470,239	6	22,784,965
1964	357,139	2	—	—	919,124	4	1,586,258	7	18,580,259	80	1,927,834	8	23,370,614
1965	287,109	2	—	—	1,076,998	7	1,543,807	10	10,879,097	71	1,466,256	10	15,253,267
1966	308,042	1	—	—	1,046,075	4	1,218,827	5	20,350,917	78	3,227,402	12	26,151,263
1967	300,938	4	—	—	966,398	14	864,250	12	3,109,343 <sup>c</sup>	44	1,806,940	26	7,047,869
1968	331,511	1	—	—	826,195	3	1,539,686	5	25,077,871	82	2,636,207	9	30,411,470
1969	312,761	4	—	—	811,654	11	595,187	8	4,872,385	68	560,595 <sup>c</sup>	8	7,152,582
1970	322,418	2	—	—	667,963	5	755,871	5	10,619,295	72	2,428,112	16	14,793,659
1971	333,138	3	—	—	622,746	5	910,535	7	9,355,233	71	1,945,606	15	13,167,258
1972	287,621	2	—	—	918,904	5	1,511,041	8	12,393,119	69	2,943,415	16	18,054,100
1973	343,512	3	—	—	1,005,609	10	834,541	8	6,458,875	62	1,765,064	17	10,407,601
1974	347,114	4	—	—	687,624	8	1,277,050	14	4,889,037	55	1,673,002	19	8,873,827
1975	301,006	5	—	—	244,855 <sup>c</sup>	4	427,457 <sup>c</sup>	0.08	4,030,028	71	687,687	0.12	5,691,033 <sup>c</sup>
1976	240,628	3	—	—	594,075	7	823,342	0.1	5,334,159	66	1,030,580	0.13	8,022,784
1977	284,157	0.02	—	—	1,089,916	0.06	918,161	5	13,904,838	82	736,024	4	16,933,096
1978	401,418	2	—	—	788,319	3	1,714,508	7	21,243,378	85	868,963	3	25,016,586
1979	363,550	2	—	—	1,073,401	7	1,284,613	9	10,975,941	75	888,270	6	14,585,775
1980	239,478	2	—	—	1,106,039	6	1,116,237	6	14,500,415	78	1,642,938	9	18,689,986
1981	262,432	1	—	—	1,072,201	5	1,358,948	6	19,038,208	84	837,240	4	22,575,081
1982	36,403	1	—	—	1,480,596	5	2,086,331	7	24,244,823	82	1,330,219	5	29,432,403
1983	219,073	1	166 <sup>c</sup>	<1	1,559,011	4	1,929,073	5	37,545,915	88	1,170,126	3	42,493,719
1984	270,451	1	—	—	1,215,822	4	1,910,255	6	24,705,756	77	4,084,200	13	32,186,484
1985	253,713	<1	—	—	1,863,815	3	2,597,278	4	51,959,321	87	3,275,417	5	59,949,544
1986	262,432	<1	1,158	<1	1,442,986	3	3,404,602	6	46,172,277	84	3,358,992	6	54,642,447
1987	261,396	2	1,792	<1	1,377,717	9	1,543,348	10	10,280,422	64	2,721,661	17	16,186,336
1988	263,847	2	1,034	<1	1,460,417	8	1,046,668	6	11,207,162	64	3,535,591	20	17,514,719
1989	280,964	0	4,092	<1	2,124,840	3	2,204,044	3	59,460,203	90	1,968,894	3	66,043,037
1990	342,379	1	3,776	<1	2,155,716	5	2,868,217	7	32,342,002	81	2,217,895	6	39,929,985
1991	325,602	0	5,575	<1	2,063,586	3	3,197,003	5	61,926,339	87	3,336,043	5	70,854,148
1992	233,924	1	2,363	<1	2,666,422	6	3,696,209	8	34,963,298	75	4,936,515	11	46,498,731
1993	280,849	0	3,962	<1	3,190,960 <sup>d</sup>	4	3,665,435	5	57,299,350	79	7,879,868	11	72,320,424
1994	241,100	0	6,336 <sup>d</sup>	<1	2,392,489	3	5,721,700 <sup>d</sup>	8	57,274,877	75	10,403,085	14	76,039,587
1995	218,451	0	1,978	<1	1,795,331	3	3,345,678	5	47,965,506	74	11,225,693	17	64,552,637
1996	213,640	0	947	<1	2,799,848	3	3,156,951	4	64,629,714	74	16,043,397 <sup>d</sup>	18	86,844,497
1997	303,898	1	558	<1	2,477,394	5	1,974,427	4	28,975,224	64	11,789,139	26	45,520,640
1998	232,906	0	1,705	<1	1,375,358	2	2,989,080	5	42,535,402	68	15,695,285	25	62,829,736
1999	195,048	0	3,047	<1	1,160,730	1	3,630,234	4	77,848,284	80	14,930,932	15	97,768,275
2000	232,546	1	1,349	<1	1,229,390	3	1,957,028	5	20,313,426	51	15,910,909	40	39,644,648
2001	243,225	0	2,585	<1	2,035,230	3	3,300,932	4	67,055,991	82	8,754,416	11	81,392,379
2002	386,384	1	1,583	<1	806,447	1	3,242,516	6	45,331,007	79	7,455,007	13	57,222,944
2003	416,684	1	1,188	<1	1,525,356	2	2,498,375	4	52,515,632	77	11,115,085	16	68,072,320

-continued-

Table 1.–Page 2 of 2.

Year	Chinook <sup>a</sup>	% Chinook	Jacks <sup>b</sup>	% Jacks	Sockeye	% Sockeye	Coho	% Coho	Pink	% Pink	Chum	% Chum	Total
2004	483,330 <sup>d</sup>	1	697	<1	2,037,745	3	3,084,663	5	45,333,012	73	11,371,623	18	62,311,070
2005	447,264	1	728	<1	1,607,835	2	3,002,784	4	59,182,242	84	6,427,530	9	70,668,383
2006	370,366	1	1,275	<1	1,333,496	5	2,091,875	7	11,695,411	40	13,555,280	47	29,047,703
2007	357,900	1	1,328	<1	1,904,802	3	2,062,643	4	44,884,740	77	9,417,807	16	58,629,220
2008	245,738	1	533	<1	436,302	2	2,381,473	8	15,974,351	57	9,053,088	32	28,091,485
2009	267,657	1	976	<1	925,749	2	2,635,482	5	38,101,430	74	9,660,363	19	51,591,657
2010	260,787	1	883	<1	720,926	2	2,587,595	7	24,303,499	65	9,475,929	25	37,349,619
2011	343,928	<1	2,517	<1	1,242,445	2	2,311,332	3	59,088,287	80	10,730,140	15	73,718,649
2012	279,177	1	796	<1	947,219	3	2,086,721	6	21,304,390	58	12,374,853	33	36,993,156
2013	240,308	<1	1,881	<1	974,665	1	3,877,145	3	94,786,940 <sup>d</sup>	84	12,573,032	11	112,453,971 <sup>d</sup>
2014	427,270	1	1,105	<1	1,669,932	3	3,791,109	8	37,194,633	75	6,679,796	13	49,763,845
2015	350,191	1	611	<1	1,528,774	3	2,163,943	4	35,161,426	69	11,627,334	23	50,832,279
2016	336,647	1	229	<1	1,505,984	5	2,332,200	7	18,395,997	58	9,117,266	29	31,688,323
2017	172,844	<1	897	<1	801,577	2	2,884,514	6	34,826,589	69	11,430,306	23	50,116,727
2018	167,093	1	614	<1	636,924	3	1,603,570	7	8,096,772	37	11,484,333	52	21,989,306
2019	184,089	1	1,634	<1	1,011,744	3	1,718,335	5	21,174,982	63	9,369,849	28	33,460,633
2020	213,137	1	1,756	<1	457,968	3	1,163,746	8	8,082,577	55	4,694,245	32	14,613,429
2021	221,660	<1	4,391	<1	1,124,308	2	1,566,072	3	48,531,845	82	7,416,062	13	58,864,338
Averages													
1962–2020	294,100	1	1,768	<1	1,302,794	4	2,142,928	6	30,171,582	72	6,179,224	16	40,091,707
2011–2020	271,468	1	1,204	<1	1,077,723	3	2,393,262	6	33,811,259	65	10,008,115	26	47,563,032

Note: En dashes indicate no data.

<sup>a</sup> Annual Chinook salmon harvest is reported by troll season, October 1, 2020–September 30, 2021, since 1979 when the regulatory season was implemented.

<sup>b</sup> Jack Chinook salmon are ≤28 inches. Prior to the 2018 season in the traditional purse seine fishery, Chinook salmon of <21 inches could be retained and sold, and Chinook salmon >21 and <28 inches could be retained as personal use. From 2018, Chinook salmon ≤28 inches harvested in traditional fisheries could only be retained as personal use. Chinook of all sizes may be sold in the drift gillnet fishery. Jack fish ticket data were revised in 2012, for the years 2005–2012, to provide more accurate accounting of gillnet harvested Chinook salmon for Pacific Salmon Treaty accounting purposes. Chinook salmon in the drift gillnet fishery are recorded as 1 size category on fish tickets, and separate accounting of jacks is based on port sampling data.

<sup>c</sup> Minimum harvest by species.

<sup>d</sup> Maximum harvest by species.

Table 2.—Number of active limited entry and interim use permits issued and fished in Southeast Alaska fisheries, 1975–2021.

Year	Purse seine		Drift gillnet		Set gillnet		Hand troll		Power troll		Total	
	Issued	Fished	Issued	Fished	Issued	Fished	Issued	Fished	Issued	Fished	Issued	Fished
1975	477	287	511	443	215	141	2,088	1,092	1,079	762	4,370	2,725
1976	418	280	487	432	159	133	2,082	1,238	998	745	4,144	2,828
1977	414	325	474	438	159	144	2,953	1,836	970	750	4,970	3,493
1978	420	376	491	474	164	155	3,923	2,624	976	816	5,974	4,445
1979	418	319	491	449	167	155	3,702	2,207	980	819	5,758	3,949
1980	418	335	489	445	167	159	2,436	1,667	974	842	4,484	3,448
1981	418	364	487	447	167	158	2,048	1,153	970	793	4,090	2,915
1982	421	370	487	431	164	147	1,914	1,067	968	810	3,954	2,825
1983	421	338	481	432	165	145	2,150	946	968	810	4,185	2,671
1984	423	383	481	437	164	140	2,147	860	963	795	4,178	2,615
1985	420	368	485	446	164	148	2,030	903	963	830	4,062	2,695
1986	420	368	488	460	164	154	1,983	804	957	827	4,012	2,613
1987	420	381	486	465	165	154	1,937	763	957	828	3,965	2,591
1988	420	394	485	470	165	159	1,870	777	956	828	3,896	2,628
1989	420	365	485	466	166	160	1,817	694	955	830	3,843	2,515
1990	420	360	486	465	166	158	1,782	699	956	839	3,810	2,521
1991	420	383	485	465	168	161	1,741	700	959	847	3,773	2,556
1992	420	354	485	467	170	159	1,689	645	957	837	3,721	2,462
1993	419	382	482	460	171	157	1,633	600	956	836	3,661	2,435
1994	418	390	483	446	171	150	1,579	547	954	804	3,605	2,337
1995	418	373	483	452	171	147	1,540	460	954	818	3,566	2,250
1996	417	357	484	439	171	139	1,501	412	967	737	3,540	2,084
1997	416	351	482	423	170	141	1,459	387	968	740	3,495	2,042
1998	416	377	479	422	170	142	1,409	304	967	732	3,441	1,977
1999	416	359	481	430	170	128	1,370	338	965	721	3,402	1,976
2000	416	356	480	422	170	125	1,329	315	963	712	3,358	1,930
2001	415	345	482	433	169	114	1,295	307	965	701	3,326	1,900
2002	415	273	482	391	167	87	1,247	253	965	666	3,276	1,670
2003	416	235	477	375	167	104	1,189	265	965	637	3,214	1,616
2004	414	209	478	348	168	112	1,139	324	961	688	3,160	1,681
2005	415	232	478	368	168	114	1,108	353	961	715	3,130	1,782
2006	414	230	477	358	167	104	1,104	371	961	737	3,123	1,800
2007	415	237	476	387	166	120	1,083	375	961	740	3,101	1,859
2008	380	212	475	392	165	128	1,065	375	961	745	3,046	1,852
2009	379	256	474	406	167	122	1,055	364	961	745	3,036	1,893
2010	379	235	474	422	167	127	1,044	339	962	729	3,026	1,852
2011	379	269	474	442	167	121	1,037	372	962	760	3,019	1,964
2012	315	233	474	444	168	113	1,019	353	961	743	2,937	1,887
2013	315	276	473	451	168	106	1,002	362	961	722	2,919	1,917
2014	315	261	473	431	168	117	992	346	962	756	2,910	1,910
2015	315	281	473	421	167	112	978	316	962	740	2,895	1,870
2016	315	254	473	424	167	109	959	269	961	745	2,866	1,801
2017	315	259	473	421	167	113	950	256	961	721	2,866	1,784
2018	315	242	474	421	166	102	945	235	961	669	2,861	1,669
2019	279	240	474	419	166	94	918	227	959	661	2,796	1,641
2020	279	200	474	368	167	91	910	218	960	628	2,790	1,505
2021	278	208	433	371	166	95	902	202	957	629	2,736	1,505
Averages												
1975–2020	394	308	481	428	168	131	1590	649	966	757	3,599	2,291
2011–2020	314	252	474	424	167	108	971	295	961	715	2,886	1,795

Notes: Data is provided beginning in the year salmon limited entry permits were first issued; this is 1975 for seine, drift gillnet, set gillnet, and power troll. Limited Entry permits for hand troll were first issued in 1982. Data for 2021 are preliminary.



Table 3.—Southeast Alaska commercial salmon harvest, in numbers, by harvest type and fishery, 2021.

Fishery	Chinook <sup>a</sup>	Jacks <sup>b</sup>	Sockeye	Coho	Pink	Chum	Total
Total purse seine	17,287	3,602	793,869	301,815	44,520,097	2,586,723	48,223,393
Southern purse seine total <sup>c</sup>	14,447	3,582	739,899	252,187	35,047,204	1,111,896	37,169,215
Southern purse seine traditional	6,848	3,434	739,699	251,511	35,031,069	1,094,275	37,126,836
Southern purse seine hatchery terminal	7,599	148	200	676	16,135	17,621	42,379
Northern purse seine total <sup>d</sup>	2,840	20	53,970	49,628	9,472,893	1,474,827	11,054,178
Northern purse seine traditional	95	16	51,523	46,448	9,434,548	203,954	9,736,584
Northern purse seine hatchery terminal	2,745	4	2,447	3,180	38,345	1,270,873	1,317,594
Total drift gillnet	17,290	–	209,119	193,269	673,173	1,532,188	2,625,039
Tree Point	1,893	–	21,577	47,362	144,366	171,272	386,470
Prince of Wales	965	–	51,776	74,756	156,483	136,560	420,540
Stikine	93	–	815	12,140	6,482	49,371	68,901
Taku-Snettisham	666	–	45,897	20,643	136,855	185,684	389,745
Lynn Canal	562	–	78,611	26,112	159,647	223,683	488,615
Drift gillnet hatchery terminal	13,111	–	10,443	12,256	69,340	765,618	870,768
Set gillnet	577	–	87,850	75,004	28,071	69	191,571
Total troll	162,886	–	5,248	849,490	101,489	704,325	1,823,438
Hand troll total	5,197	–	80	38,636	4,966	5,106	53,985
Hand troll traditional	3,966	–	76	37,463	4,664	4,938	51,107
Hand troll hatchery terminal	362	–	0	1,136	197	35	1,730
Hand troll spring fishery	869	–	4	37	105	133	1,148
Power troll total	157,689	–	5,168	810,854	96,523	699,219	1,769,453
Power troll traditional	142,385	–	5,135	801,919	89,919	581,562	1,620,920
Power troll hatchery terminal	1,724	–	12	8,857	2,247	113,429	126,269
Power troll spring fishery	13,580	–	21	78	4,357	4,228	22,264
Total Annette Island Reserve	1,610	25	13,327	25,114	2,733,923	134,245	2,908,244
Annette Island purse seine	478	25	10,516	9,188	2,584,339	46,151	2,650,697
Annette Island drift gillnet	819	–	2,808	14,454	147,514	88,052	253,647
Total Annette Island troll	313	–	3	1,472	2,070	42	3,900
Annette Island Hand troll	204	–	3	1,462	1,726	36	3,431
Annette Island Power troll	109	–	0	10	344	6	469
Hatchery cost recovery	21,375	757	13,908	118,080	419,985	2,446,816	3,020,921
Miscellaneous <sup>e</sup>	635	7	987	3,300	55,107	11,696	71,732
Southern totals	92,107	4,356	828,523	708,953	38,113,256	2,339,899	42,087,094
Northern totals	125,210	35	207,934	760,980	10,390,463	5,076,088	16,560,710
Yakutat	4,343	–	87,851	96,139	28,126	75	216,534
Region totals	221,660	4,391	1,124,308	1,566,072	48,531,845	7,416,062	58,864,338

Note: En dashes indicate no data.

<sup>a</sup> Harvest accounting period for the Chinook salmon season in the troll fishery is from October 1, 2020, through September 30, 2021.

<sup>b</sup> Jack Chinook salmon are  $\leq 28$  inches. Prior to the 2018 season in the traditional purse seine fishery, Chinook salmon of  $< 21$  inches could be retained and sold, and Chinook salmon  $> 21$  and  $< 28$  inches could be retained as personal use. From 2018, Chinook salmon  $\leq 28$  inches harvested in traditional fisheries could only be retained as personal use. Chinook of all sizes may be sold in the drift gillnet fishery. Jack fish ticket data were revised in 2012, for the years 2005–2012, to provide more accurate accounting of gillnet harvested Chinook salmon for Pacific Salmon Treaty (PST) accounting purposes. Chinook salmon in the drift gillnet fishery are recorded as 1 size category on fish tickets, and separate accounting of jacks is based on port sampling data. The PST accounts for Large Chinook salmon,  $\geq 28$  inches overall length, as Treaty Chinook.

<sup>c</sup> Southern Southeast Alaska includes Districts 101 to 108.

<sup>d</sup> Northern Southeast Alaska includes Districts 109 to 114.

<sup>e</sup> Includes salmon that were confiscated, caught in sportfish salmon derbies, or commercial test fisheries, and sold.

Table 4.–Southeast Alaska annual commercial total salmon harvest by harvest type, in numbers and percent, 1962–2021.

Year	Seine	%	Driftnet	%	Setnet	%	Troll <sup>a</sup>	%	Annette I.	%	Hatchery <sup>b</sup>	%	Misc <sup>c</sup>	%	Total
1962	12,394,256	85	1,010,200	7	274,139	2	896,277	6	–	–	–	–	–	–	14,574,872
1963	20,120,230	89	1,232,700	5	283,814	1	1,051,912	5	–	–	–	–	–	–	22,688,656
1964	20,060,487	87	1,431,389	6	302,962	1	1,188,373	5	–	–	–	–	–	–	22,983,211
1965	12,490,889	82	1,426,018	9	252,443	2	1,044,147	7	–	–	–	–	–	–	15,213,497
1966	22,697,106	89	1,658,535	7	257,968	1	880,209	3	–	–	–	–	–	–	25,493,818
1967	5,151,431	73	880,264	13	222,423	3	782,935	11	–	–	–	–	–	–	7,037,053
1968	27,306,485	91	1,432,710	5	189,474	1	1,213,591	4	–	–	–	–	–	–	30,142,260
1969	5,100,084	71	1,019,273	14	239,486	3	762,944	11	30,866 <sup>d</sup>	<1	–	–	–	–	7,152,653
1970	12,116,863	82	1,756,060	12	166,361	1	644,603	4	109,740	1	–	–	–	–	14,793,627
1971	10,503,078	80	1,595,052	12	257,560	2	811,581	6	–	–	–	–	–	–	13,167,271
1972	14,259,003	79	1,938,787	11	199,356	1	1,228,289	7	433,366	2	–	–	–	–	18,058,801
1973	7,311,874	70	1,859,357	18	198,960	2	994,137	10	43,385	<1	–	–	–	–	10,407,713
1974	5,572,498	63	1,570,936	18	170,621	2	1,446,830	16	113,064	1	–	–	–	–	8,873,949
1975	3,929,881 <sup>d</sup>	69	868,518 <sup>d</sup>	15	196,956	3	582,091 <sup>d</sup>	10	110,901	2	–	–	–	–	5,688,347 <sup>d</sup>
1976	5,026,317	63	1,372,788	17	219,928	3	955,244	12	446,652	6	–	–	–	–	8,020,929
1977	12,245,751	73	2,523,128	15	364,933	2	1,075,556	6	629,734	4	–	–	–	–	16,839,102
1978	19,596,101	78	1,690,223	7	309,944	1	2,123,122	8	1,293,536	5	–	–	–	–	25,012,926
1979	9,955,755	68	1,884,809	13	424,247	3	1,914,484	13	359,761	2	–	–	–	–	14,539,056
1980	13,579,693	73	2,179,192	12	445,334	2	1,283,115	7	1,191,723	6	752 <sup>d</sup>	<1	10,177	<1	18,689,986
1981	17,472,456	77	2,094,807	9	428,332	2	1,705,417	8	729,389	3	137,749	1	6,931 <sup>d</sup>	<1	22,575,081
1982	23,750,598	81	1,976,165	7	379,365	1	2,069,317	7	1,227,906	4	20,639	<1	8,413	<1	29,432,403
1983	35,376,038	83	2,527,515	6	271,593	1	2,073,004	5	2,091,874	5	143,178	<1	10,251	<1	42,493,453
1984	24,332,522	76	3,132,879	10	337,983	1	1,979,620	6	1,736,351	5	650,799	2	15,915	<1	32,186,069
1985	50,238,448	84	4,117,020	7	467,777	1	2,839,247	5	1,611,119	3	640,062	1	35,718	<1	59,949,391
1986	46,156,636	84	3,161,172	6	268,174	<1	2,605,376	5	2,047,763	4	367,868	1	35,458	<1	54,642,447
1987	8,691,654	54	3,016,768	19	413,943	3	1,792,464	11	538,333	3	1,642,715	10	81,776	1	16,177,653
1988	11,274,603	64	2,607,418	15	518,455	3	1,348,285	8	1,058,584	6	645,811	4	61,563	<1	17,514,719
1989	54,320,898	82	4,450,699	7	580,479	1	3,511,698	5	2,691,297	4	444,565	1	41,733	<1	66,041,369
1990	30,330,838	76	2,917,511	7	530,825	1	2,963,172	7	1,727,293	4	1,414,924	4	44,645	<1	39,929,208
1991	62,191,634	88	2,803,393	4	404,417	1	2,447,041	3	1,127,702	2	1,811,164	3	68,797	<1	70,854,148
1992	34,808,120	75	3,832,020	8	632,425 <sup>e</sup>	1	2,894,863	6	1,190,707	3	3,094,606	7	45,851	<1	46,498,592
1993	60,196,878	83	3,946,447	5	598,618	1	4,075,696	6	1,725,815	2	1,727,084	2	49,886	<1	72,320,424
1994	60,075,945	79	4,255,756	6	570,976	1	4,948,777 <sup>e</sup>	7	725,117	1	5,386,836	7	76,180	<1	76,039,587
1995	51,650,711	80	4,885,907	8	514,753	1	2,907,372	5	2,165,624	3	2,374,544	4	53,726	<1	64,552,637
1996	72,547,199	84	4,054,104	5	474,783	1	3,277,938	4	1,066,239	1	5,352,633	6	71,534	<1	86,844,430
1997	32,418,643	71	3,861,436	8	530,584	1	2,313,468	5	649,343	1	5,655,779	12	91,387	<1	45,520,640
1998	49,057,331	78	4,332,833	7	365,039	1	2,213,999	4	1,070,302	2	5,700,976	9	89,256	<1	62,829,736

-continued-

Table 4.–Page 2 of 2.

Year	Seine	%	Driftnet	%	Setnet	%	Troll <sup>a</sup>	%	Annette I.	%	Hatchery <sup>b</sup>	%	Misc <sup>c</sup>	%	Total
1999	81,768,382	84	4,347,194	4	351,396	<1	3,039,972	3	1,068,721	1	7,053,481 <sup>e</sup>	7	139,129	<1	97,768,275
2000	27,180,728	69	3,918,771	10	338,124	1	1,953,985	5	1,128,736	3	5,028,361	13	95,943	<1	39,644,648
2001	67,965,608	84	4,141,301	5	382,060	<1	2,734,661	3	2,224,126	3	3,854,849	5	88,160	<1	81,390,765
2002	45,891,149	80	3,129,105	5	331,848	1	1,845,766	3	1,548,231	3	4,378,603	8	96,389	<1	57,221,091
2003	55,331,699	81	3,926,654	6	281,529	<1	2,004,826	3	674,026	1	5,759,988	8	93,598	<1	68,072,320
2004	49,621,064	80	3,914,562	6	312,708	1	2,503,067	4	876,978	1	4,978,262	8	104,429	<1	62,311,070
2005	59,823,736	85	3,832,649	5	223,835	<1	2,670,355	4	706,778	1	3,264,074	5	146,956	<1	70,668,383
2006	16,281,579	56	4,796,219	17	315,892	1	1,867,125	6	475,603	2	5,233,643	18	77,642	<1	29,047,703
2007	46,461,718	79	4,176,973	7	405,180	1	1,947,109	3	1,092,752	2	4,340,585	7	204,904 <sup>e</sup>	<1	58,629,221
2008	17,811,215	63	3,787,192	13	255,562	1	1,533,878	5	1,139,310	4	3,537,129	13	17,864	<1	28,082,150
2009	39,070,600	76	4,051,167	8	318,993	1	2,182,554	4	1,951,852	4	3,975,060	8	41,431	<1	51,591,657
2010	24,226,360	65	4,473,808	12	445,692	1	2,022,651	5	1,742,725	5	4,378,443	12	59,940	<1	37,349,619
2011	58,827,114	80	5,229,724	7	500,818	1	2,760,759	4	1,255,465	2	5,081,084	7	63,685	<1	73,718,649
2012	24,466,785	66	5,246,512	14	253,904	1	2,058,871	6	1,342,408	4	3,563,712	10	60,964	<1	36,993,156
2013	95,415,053 <sup>e</sup>	85	6,018,624 <sup>e</sup>	5	396,575	<1	4,285,439	4	2,823,494	3	3,433,823	3	80,963	<1	112,453,971 <sup>e</sup>
2014	37,174,155	75	4,879,094	10	301,169	1	2,882,972	6	2,166,575	4	2,336,055	5	23,825	<1	49,763,845
2015	38,274,679	75	5,396,585	11	282,196	1	2,200,627	4	1,544,035	3	2,990,176	6	143,981	<1	50,832,279
2016	19,392,679	61	4,739,184	15	259,759	1	1,888,100	6	1,884,040	6	3,450,634	11	73,468	<1	31,687,864
2017	36,674,989	73	5,046,710	10	355,300	1	2,743,528	5	1,177,403	2	4,006,267	8	112,519	<1	50,116,716
2018	12,237,848	56	3,589,256	16	132,666	1	1,634,854	7	532,538	2	3,823,877	17	38,267	<1	21,989,306
2019	23,706,119	71	3,812,420	11	189,041	1	1,428,783	4	1,366,637	4	2,879,202	9	78,431	<1	33,460,633
2020	8,302,911	57	1,809,729	12	123,276 <sup>d</sup>	1	1,046,556	7	628,313	4	2,652,812	18	49,832	<1	14,613,429
2021	48,223,393	82	2,625,039	4	191,571	<1	1,823,438	3	2,908,244 <sup>e</sup>	5	3,020,921	5	71,732	<1	58,864,338
Averages															
1962–2020	31,359,578	76	3,145,207	10	339,372	1	2,001,326	6	1,359,103	3	3,102,751	9	72,594	<1	39,993,408
2011–2020	35,447,233	70	4,576,784	11	279,470	1	2,293,049	5	1,472,091	3	3,421,764	9	72,594	<1	47,562,985

Note: En dashes indicate no data.

<sup>a</sup> Salmon harvest is reported by calendar year except for the troll fishery. Troll is reported by season (October 1–September 30) beginning October 1, 1979, for the 1980 season.

<sup>b</sup> Includes salmon caught and sold in private, state, and federal hatchery fisheries and carcass sales.

<sup>c</sup> Includes confiscations, commercial test fisheries, and sportfish salmon derbies where fish were sold.

<sup>d</sup> Minimum harvest by harvest type.

<sup>e</sup> Maximum harvest by harvest type.

Table 5.—Southeast Alaska annual commercial Chinook salmon harvest by harvest type, in numbers and percent, 1962–2021.

Year	Seine	%	Driftnet	%	Setnet	%	Troll	%	Annette I.	%	Hatchery	%	Misc <sup>a</sup>	%	Total
1962	10,145	5	10,161	5	2,747	1	173,597	88	—	—	—	—	—	—	196,650
1963	6,659	3	6,427	2	941	<1	243,679	95	—	—	—	—	—	—	257,706
1964	16,819	5	9,371	3	1,488	<1	329,461	92	—	—	—	—	—	—	357,139
1965	14,992	5	11,892	4	1,323	<1	258,902	90	—	—	—	—	—	—	287,109
1966	11,874	4	12,527	4	1,555	1	282,083	92	3	<1	—	—	—	—	308,042
1967	9,054	3	16,464	5	742	<1	274,678	91	—	—	—	—	—	—	300,938
1968	13,335	4	12,902	4	697	<1	304,455	92	122	<1	—	—	—	—	331,511
1969	6,731	2	15,175	5	1,935	1	288,920	92	—	—	—	—	—	—	312,761
1970	5,909	2	9,449	3	2,299	1	304,707	95	—	—	—	—	—	—	322,364
1971	4,799	1	15,681	5	2,062	1	310,596	93	—	—	—	—	—	—	333,138
1972	16,730	6	25,125	9	2,467	1	243,150	85	149	<1	—	—	—	—	287,621
1973	8,754	3	24,501	7	2,733	1	307,499	90	25	<1	—	—	—	—	343,512
1974	6,750	2	15,483	4	2,214	1	322,652	93	15	<1	—	—	—	—	347,114
1975	2,056	1	9,077	3	2,224	1	287,646	96	3 <sup>b</sup>	<1	—	—	—	—	301,006
1976	1,428 <sup>b</sup>	1	7,224	3	1,830	1	230,101	96	45	<1	—	—	—	—	240,628
1977	5,242	2	5,578	2	2,549	1	270,714	95	72	<1	—	—	—	—	284,155
1978	13,972	3	8,266	2	3,057	1	375,427 <sup>c</sup>	94	197	<1	—	—	—	—	400,919
1979	10,079	3	13,738	4	4,232	1	334,317	92	339	<1	—	—	—	—	362,705
1980	11,701	4	5,433	2	2,800	1	303,632	94	180	<1	—	—	611	<1	324,357
1981	10,264	4	6,317	2	2,069	1	248,785	93	301	<1	—	—	748	<1	268,484
1982	30,529	11	14,710	5	1,456	1	241,938	83	838	<1	—	—	963	<1	290,434
1983	13,560	5	4,598 <sup>b</sup>	2	976	<1	269,821	93	367	<1	—	—	6 <sup>b</sup>	<1	289,328
1984	20,762	8	10,338	4	1,062	<1	235,694	87	237	<1	937 <sup>b</sup>	<1	1,063	<1	270,093
1985	21,535	8	10,386	4	1,231	<1	216,049	85	713	<1	2,658	1	1,121	<1	253,693
1986	13,271	5	8,441	3	1,428	1	237,699	90	121	<1	1,093	<1	1,537	1	263,590
1987	6,284	2	8,430	3	2,072	1	242,529	92	565	<1	2,376	1	932	<1	263,188
1988	12,165	5	9,079	3	893	<1	231,110	87	941	<1	9,649	4	1,044	<1	264,881
1989	17,103	6	9,579	3	798	<1	235,609	83	892	<1	19,680	7	1,275	<1	284,936
1990	14,777	4	14,693	4	663	<1	287,100	83	1,840	1	26,692	8	390	<1	346,155
1991	17,107	5	18,457	6	1,747	1	263,153	79	4,015	1	25,995	8	703	<1	331,177
1992	20,320	9	11,285	5	2,025	1	183,353	78	1,210	1	16,723	7	1,369	1	236,285
1993	12,291	4	18,011	6	1,311	<1	226,561	80	639	<1	23,246	8	2,749 <sup>c</sup>	1	284,808
1994	21,089	9	16,735	7	3,820	2	186,299	75	230	<1	17,750	7	1,513	1	247,436
1995	26,777	12	13,342	6	9,374 <sup>c</sup>	4	138,117	63	133	<1	31,405	14	1,281	1	220,429
1996	23,155	11	9,982	5	4,854	2	141,447	66	243	<1	33,496	16	1,410	1	214,587
1997	10,841	4	11,006	4	3,264	1	246,402	81	505	<1	30,144	10	2,294	1	304,456
1998	16,167	7	5,937	3	2,804	1	192,066	82	304	<1	15,943	7	1,390	1	234,611

-continued-

Table 5.–Page 2 of 2.

Year	Seine	%	Driftnet	%	Setnet	%	Troll	%	Annette I.	%	Hatchery	%	Misc <sup>a</sup>	%	Total
1999	20,849	11	8,983	5	5,108	3	146,218	74	744	<1	15,100	8	1,093	1	198,095
2000	22,044	9	13,475	6	2,460	1	158,791	68	4,769 <sup>c</sup>	2	31,637	14	719	<1	233,895
2001	22,314	9	13,644	6	2,631	1	153,280	62	4,156	2	49,028	20	776	<1	245,829
2002	18,725	5	10,216	3	2,510	1	325,368	84	1,818	<1	28,445	7	819	<1	387,901
2003	25,236 <sup>c</sup>	6	10,704	3	3,842	1	330,719	79	780	<1	45,723	11	868	<1	417,872
2004	39,984	8	20,148	4	2,734	1	354,607	73	1,914	<1	62,470 <sup>c</sup>	13	2,170	<1	484,027 <sup>c</sup>
2005	20,421	5	55,754 <sup>c</sup>	12	766	<1	338,024	75	1,697	<1	29,408	7	1,922	<1	447,992
2006	25,970	7	47,202	13	1,208	<1	282,258	76	806	<1	12,794	3	1,403	<1	371,641
2007	28,398	8	30,067	8	1,562	<1	267,986	75	1,232	<1	28,167	8	1,817	1	359,229
2008	16,018	7	32,044	13	850	<1	151,852	62	743	<1	41,799	17	931	<1	244,237
2009	29,888	11	25,221	9	1,533	1	175,335	65	1,033	<1	35,107	13	516	<1	268,633
2010	16,709	6	19,364	7	501	<1	195,488	75	943	<1	28,135	11	530	<1	261,670
2011	27,770	8	31,010	9	1,123	<1	242,560	70	1,705	<1	41,301	12	976	<1	346,445
2012	21,713	8	26,243	9	942	<1	209,061	75	1,623	1	18,809	7	1,582	1	279,973
2013	24,516	10	34,525	14	1,401	1	149,485	62	1,453	1	30,665	13	144	<1	242,189
2014	28,290	7	27,877	7	1,403	<1	355,426	83	1,418	<1	13,194	3	767	<1	428,375
2015	30,067	9	29,267	8	934	<1	269,813	77	2,190	1	17,521	5	1,010	<1	350,802
2016	27,558	8	20,701	6	343	<1	276,043	82	1,731	1	9,136	3	905	<1	336,417
2017	11,344	7	17,057	10	946	1	129,237	74	1,985	1	12,725	7	447	<1	173,741
2018	16,752	10	21,276	13	295 <sup>b</sup>	<1	107,103 <sup>b</sup>	64	2,001	1	20,060	12	220	<1	167,707 <sup>b</sup>
2019	22,398	12	20,846	11	315	<1	108,616	58	1,429	1	31,736	17	383	<1	185,723
2020	18,359	9	19,493	9	404	<1	169,838	79	906	<1	5,675	3	218	<1	214,893
2021	20,889	9	17,290	8	577	<1	162,886	72	1,635	1	22,132	10	642	<1	226,051
Averages															
1962–2020	16,955	6	16,456	6	1,959	1	243,435	82	1,026	1	23,417	8	1,040	<1	295,099
2011–2020	22,877	9	24,830	10	811	<1	201,718	72	1,644	1	20,082	8	665	<1	272,627

Note: Chinook salmon harvest is reported by season (October 1–September 30) beginning October 1, 1979, for the 1980 season.

Note: En dashes indicate no data.

<sup>a</sup> Includes confiscations, test fisheries, and sanctioned sportfish salmon derbies where fish were sold.

<sup>b</sup> Minimum harvest by harvest type.

<sup>c</sup> Maximum harvest by harvest type.

Table 6.—Southeast Alaska annual commercial total sockeye salmon harvest by harvest type, in numbers and percent, 1962–2021.

Year	Seine	%	Driftnet	%	Setnet	%	Troll	%	Annette I.	%	Hatchery	%	Misc <sup>a</sup>	%	Total
1962	411,748	57	233,082	32	73,937	10	1,181	<1	7,489	1	—	—	—	—	727,437
1963	422,605	63	194,420	29	52,517	8	2,014	<1	4,194	1	—	—	—	—	675,750
1964	570,250	62	246,250	27	90,175	10	1,004	<1	11,445	1	—	—	—	—	919,124
1965	672,001	62	279,349	26	120,417	11	1,872	<1	3,359	<1	—	—	—	—	1,076,998
1966	480,024	46	334,702	32	185,360	18	679	<1	45,310	4	—	—	—	—	1,046,075
1967	600,602	62	274,038	28	88,431	9	157 <sup>b</sup>	<1	3,170	<1	—	—	—	—	966,398
1968	494,851	60	245,865	30	80,776	10	574	<1	4,129	<1	—	—	—	—	826,195
1969	338,357	42	348,350	43	123,540	15	437	<1	970	<1	—	—	—	—	811,654
1970	308,198	46	240,538	36	115,795	17	485	<1	2,947	<1	—	—	—	—	667,963
1971	162,253	26	329,017	53	130,547	21	929	<1	—	—	—	—	—	—	622,746
1972	324,893	35	450,148	49	134,617	15	1,068	<1	8,178	1	—	—	—	—	918,904
1973	342,336	34	532,485	53	128,466	13	1,204	<1	1,118	<1	—	—	—	—	1,005,609
1974	236,064	34	364,312	53	82,418	12	2,215	<1	2,615	<1	—	—	—	—	687,624
1975	61,784 <sup>b</sup>	25	108,574	44	73,291	30	584	<1	622 <sup>b</sup>	<1	—	—	—	—	244,855 <sup>b</sup>
1976	135,192	23	322,017	54	130,603	22	1,241	<1	5,022	1	—	—	—	—	594,075
1977	328,932	30	541,443	50	186,001	17	5,713	1	26,967	2	—	—	—	—	1,089,056
1978	272,197	35	358,917	46	130,681	17	2,804	<1	23,619	3	—	—	—	—	788,218
1979	397,137	37	472,610	44	164,813	15	7,018	1	31,345	3	—	—	—	—	1,072,923
1980	510,956	46	408,296	37	159,564	14	2,921	<1	23,734	2	—	—	568	<1	1,106,039
1981	438,921	41	438,824	41	149,273	14	7,476	1	37,528	4	1 <sup>b</sup>	<1	178 <sup>b</sup>	<1	1,072,201
1982	445,385	30	749,348	51	212,882	14	2,458	<1	70,317	5	1 <sup>b</sup>	<1	205	<1	1,480,596
1983	778,195	50	586,574	38	152,571	10	7,974	1	32,478	2	1 <sup>b</sup>	<1	1,218	<1	1,559,011
1984	457,160	38	593,319	49	102,565	8	9,563	1	49,740	4	7	<1	3,412	<1	1,215,766
1985	716,342	38	830,238	45	234,896	13	7,806	<1	67,946	4	18	<1	6,569	<1	1,863,815
1986	587,730	41	658,611	46	150,770	10	6,885	<1	36,510	3	6	<1	2,474	<1	1,442,986
1987	310,282	23	736,200	53	259,989	19	9,722	1	54,186	4	1,121	<1	6,217	<1	1,377,717
1988	654,748	45	600,925	41	162,168	11	9,339	1	30,979	2	85	<1	2,173	<1	1,460,417
1989	823,185	39	893,976	42	329,454	16	20,173	1	50,496	2	66	<1	7,490	<1	2,124,840
1990	965,918	45	767,492	36	344,606	16	9,175	<1	59,644	3	75	<1	8,806	<1	2,155,716
1991	1,051,269	51	711,874	34	229,903	11	9,806	<1	45,130	2	1,478	<1	14,126 <sup>c</sup>	1	2,063,586
1992	1,336,889	50	922,069	35	314,175	12	22,854	1	61,169	2	2,108	<1	7,158	<1	2,666,422
1993	1,690,471 <sup>c</sup>	53	1,021,899	32	345,887 <sup>c</sup>	11	25,337	1	95,063 <sup>c</sup>	3	7,545	<1	4,758	<1	3,190,960 <sup>c</sup>
1994	1,430,610	60	686,792	29	206,760	9	21,777	1	41,615	2	3,322	<1	1,613	<1	2,392,489
1995	907,120	51	640,971	36	153,723	9	27,323	2	55,503	3	8,448	<1	2,243	<1	1,795,331
1996	1,514,523	54	1,026,591 <sup>c</sup>	37	209,029	7	11,024	<1	29,859	1	6,636	<1	2,186	<1	2,799,848
1997	1,578,021	64	645,516	26	110,078	4	39,428 <sup>c</sup>	2	41,365	2	58,879	2	4,107	<1	2,477,394
1998	732,790	53	501,291	36	77,189	6	6,476	<1	16,554	1	34,590	3	6,468	<1	1,375,358

-continued-

Table 6.–Page 2 of 2.

Year	Seine	%	Driftnet	%	Setnet	%	Troll	%	Annette I.	%	Hatchery	%	Misc <sup>a</sup>	%	Total
1999	425,298	37	545,681	47	128,751	11	5,730	<1	21,867	2	24,075	2	9,328	1	1,160,730
2000	489,257	40	496,614	40	99,182	8	4,467	<1	22,529	2	107,244	9	10,097	1	1,229,390
2001	1,013,151	50	687,476	34	141,449	7	8,992	<1	41,245	2	138,233	7	4,684	<1	2,035,230
2002	154,478	19	464,138	58	112,656	14	1,247	<1	34,821	4	36,859	5	2,248	<1	806,447
2003	681,418	45	598,679	39	154,384	10	4,596	<1	7,806	1	75,869	5	2,604	<1	1,525,356
2004	900,557	44	798,096	39	88,282	4	5,009	<1	30,743	2	210,665 <sup>c</sup>	10	4,393	<1	2,037,745
2005	898,515	56	462,209	29	79,221	5	13,277	1	13,285	1	140,245	9	1,083	<1	1,607,835
2006	413,938	31	625,667	47	138,510	10	8,084	1	20,908	2	124,109	9	2,280	<1	1,333,496
2007	1,063,704	56	501,765	26	236,289	12	6,439	<1	19,579	1	74,419	4	2,607	<1	1,904,802
2008	74,389	17	264,877	61	35,227	8	1,253	<1	5,770	1	53,981	12	805	<1	436,302
2009	307,436	33	408,336	44	105,825	11	2,929	<1	15,036	2	85,049	9	1,138	<1	925,749
2010	151,434	21	391,252	54	122,022	17	1,923	<1	14,769	2	38,334	5	1,192	<1	720,926
2011	499,289	40	517,994	42	167,704	13	5,190	<1	29,329	2	22,001	2	938	<1	1,242,445
2012	170,345	18	498,318	53	124,780	13	3,231	<1	22,091	2	125,664	13	2,790	<1	947,219
2013	282,350	29	456,014	47	168,356	17	5,019	1	10,901	1	49,609	5	2,416	<1	974,665
2014	900,955	54	497,968	30	116,435	7	7,289	<1	21,675	1	123,029	7	2,581	<1	1,669,932
2015	908,663	59	389,979	26	82,748	5	6,977	<1	26,633	2	111,381	7	2,393	<1	1,528,774
2016	610,532	41	622,390	41	93,052	6	6,699	<1	22,185	1	148,032	10	3,094	<1	1,505,984
2017	287,857	36	239,571	30	120,665	15	5,454	1	11,275	1	135,018	17	1,737	<1	801,577
2018	230,931	36	226,707	36	7,213 <sup>b</sup>	1	5,182	1	6,299	1	158,537	25	2,055	<1	636,924
2019	445,273	44	395,307	39	54,810	5	6,264	1	10,142	1	97,181	10	2,767	<1	1,011,744
2020	237,223	52	102,330 <sup>b</sup>	22	26,384	6	1,659	<1	14,464	3	74,187	16	1,544	<1	457,971
2021	793,869	71	209,119	19	87,850	8	5,248	<1	13,327	1	13,908	1	987	<1	1,124,308
Averages															
1962–2020	587,067	43	499,802	40	142,404	12	6,875	1	25,963	2	56,954	8	3,578	<1	1,302,768
2011–2021	457,342	41	394,658	37	96,215	9	5,296	<1	17,517	2	104,464	11	2,232	<1	1,077,723

Note: En dashes indicate no data.

<sup>a</sup> Includes confiscations, test fisheries, and sanctioned sportfish salmon derbies where fish were sold.

<sup>b</sup> Minimum harvest by harvest type.

<sup>c</sup> Maximum harvest by harvest type.

Table 7.—Southeast Alaska annual commercial total coho salmon harvest by harvest type, in numbers and percent, 1962–2021.

Year	Seine	%	Driftnet	%	Setnet	%	Troll	%	Annette I.	%	Hatchery	%	Misc <sup>a</sup>	%	Total
1962	239,382	21	98,404	9	170,776	15	643,740	56	3,975	<1	—	—	—	—	1,156,277
1963	316,449	25	112,776	9	141,365	11	693,050	55	1,688	<1	—	—	—	—	1,265,328
1964	506,341	32	172,411	11	169,780	11	730,766	46	6,960	<1	—	—	—	—	1,586,258
1965	556,981	36	166,452	11	122,207	8	695,887	45	2,280	<1	—	—	—	—	1,543,807
1966	451,888	37	155,922	13	66,252	5	528,621	43	16,144	1	—	—	—	—	1,218,827
1967	188,959	22	134,029	16	97,211	11	443,677	51	374	<1	—	—	—	—	864,250
1968	463,270	30	202,955	13	92,005	6	779,500	51	1,956	<1	—	—	—	—	1,539,686
1969	108,907	18	65,101 <sup>b</sup>	11	32,537	5	388,242	65	400	<1	—	—	—	—	595,187
1970	293,435	39	163,354	22	30,279 <sup>b</sup>	4	266,293	35	2,499	<1	—	—	—	—	755,860
1971	325,772	36	158,957	17	37,848	4	387,958	43	—	—	—	—	—	—	910,535
1972	385,221	25	274,206	18	46,293	3	800,615	53	4,706	<1	—	—	—	—	1,511,041
1973	128,220	15	123,948	15	41,776	5	540,270	65	324 <sup>b</sup>	<1	—	—	—	—	834,538
1974	166,836	13	186,482	15	77,593	6	845,133	66	1,006	<1	—	—	—	—	1,277,050
1975	70,193 <sup>b</sup>	17	102,372	24	37,403	9	214,219 <sup>b</sup>	50	570	<1	—	—	—	—	424,757 <sup>b</sup>
1976	87,344	11	155,968	19	51,540	6	525,270	64	1,354	<1	—	—	—	—	821,476
1977	130,902	14	183,044	20	92,230	10	506,432	55	5,545	1	—	—	—	—	918,153
1978	242,961	14	221,134	13	139,500	8	1,100,902	64	8,671	1	—	—	—	—	1,713,168
1979	176,354	14	81,324	6	95,866	8	918,838	72	5,642	<1	—	—	—	—	1,278,024
1980	184,570	17	109,516	10	119,684	11	697,181	62	5,263	<1	—	—	23 <sup>b</sup>	<1	1,116,237
1981	237,402	17	114,535	8	132,579	10	861,040	63	7,839	1	5,003	<1	550	<1	1,358,948
1982	397,349	19	194,424	9	148,857	7	1,315,977	63	14,312	1	12,514	1	2,898	<1	2,086,331
1983	338,881	18	210,332	11	81,573	4	1,276,370	66	17,498	1	4,220 <sup>b</sup>	<1	199	<1	1,929,073
1984	350,017	18	191,023	10	182,256	10	1,133,357	59	25,125	1	26,856	1	1,621	<1	1,910,255
1985	417,852	16	309,380	12	202,772	8	1,599,227	62	30,849	1	33,386	1	3,696	<1	2,597,162
1986	568,410	17	395,889	12	92,097	3	2,127,695	62	75,384	2	143,799	4	1,328	<1	3,404,602
1987	121,974	8	165,249	11	124,407	8	1,041,015	67	35,790	2	50,465	3	4,448	<1	1,543,348
1988	157,003	15	163,808	16	205,926	20	500,208	48	8,681	1	7,539	1	3,503	<1	1,046,668
1989	330,989	15	234,423	11	176,773	8	1,415,517	64	23,870	1	18,921	1	3,551	<1	2,204,044
1990	372,471	13	351,039	12	148,891	5	1,832,414	64	35,104	1	125,762	4	2,536	<1	2,868,217
1991	405,592	13	545,376	17	166,731	5	1,718,318	54	63,146	2	294,490	9	3,350	<1	3,197,003
1992	488,399	13	645,159	17	290,095	8	1,929,832	52	71,282	2	268,913	7	2,529	<1	3,696,209
1993	473,138	13	417,681	11	237,446	6	2,395,874	65	32,690	1	106,476	3	2,130	<1	3,665,435
1994	967,691 <sup>c</sup>	17	698,125 <sup>c</sup>	12	343,843 <sup>c</sup>	6	3,467,541 <sup>c</sup>	61	48,900	1	188,847	3	6,753 <sup>c</sup>	<1	5,721,700 <sup>c</sup>
1995	617,777	18	415,158	12	295,030	9	1,750,167	52	51,452	2	215,431	6	663	<1	3,345,678
1996	441,457	14	368,570	12	227,802	7	1,906,312	60	42,044	1	166,941	5	3,825	<1	3,156,951
1997	183,693	9	131,240	7	322,776	16	1,170,288	59	30,846	2	135,179	7	405	<1	1,974,427
1998	464,716	16	412,446	14	197,629	7	1,636,711	55	39,467	1	234,675	8	3,436	<1	2,989,080

-continued-



Table 7.–Page 2 of 2.

Year	Seine	%	Driftnet	%	Setnet	%	Troll	%	Annette I.	%	Hatchery	%	Misc <sup>a</sup>	%	Total
1999	416,415	11	351,598	10	187,055	5	2,272,461	63	49,365	1	349,200	10	4,140	<1	3,630,234
2000	206,479	11	167,623	9	170,948	9	1,125,219	57	18,189	1	268,171	14	399	<1	1,957,028
2001	542,643	16	294,441	9	205,344	6	1,845,609	56	57,055	2	352,904	11	2,936	<1	3,300,932
2002	469,680	14	436,612	13	200,888	6	1,315,080	41	64,880	2	749,889 <sup>c</sup>	23	5,487	<1	3,242,516
2003	394,168	16	434,234	17	74,343	3	1,223,458	49	39,879	2	328,650	13	3,643	<1	2,498,375
2004	399,267	13	316,192	10	196,930	6	1,914,945	62	30,883	1	221,721	7	4,725	<1	3,084,663
2005	341,295	11	272,873	9	82,887	3	2,034,874	68	35,204	1	231,341	8	4,310	<1	3,002,784
2006	109,498	5	252,449	12	86,085	4	1,362,915	65	30,287	1	246,062	12	4,579	<1	2,091,875
2007	247,568	12	175,286	8	76,550	4	1,376,679	67	35,185	2	146,797	7	4,578	<1	2,062,643
2008	208,196	9	337,447	14	153,712	6	1,291,821	54	48,632	2	340,538	14	1,127	<1	2,381,473
2009	283,431	11	320,910	12	133,808	5	1,585,703	60	51,495	2	246,285	9	138	<1	2,621,770
2010	193,223	7	505,310	20	161,460	6	1,342,919	52	85,055 <sup>c</sup>	3	299,129	12	499	<1	2,587,595
2011	347,132	15	237,976	10	125,830	5	1,313,888	57	53,336	2	232,531	10	639	<1	2,311,332
2012	275,426	13	265,357	13	98,677	5	1,201,520	58	42,468	2	201,044	10	2,229	<1	2,086,721
2013	545,667	14	441,552	11	158,046	4	2,392,138	62	50,477	1	285,491	7	3,774	<1	3,877,145
2014	388,692	10	554,301	15	161,977	4	2,245,272	59	51,275	1	387,988	10	1,604	<1	3,791,109
2015	284,301	13	251,058	12	129,069	6	1,240,195	57	34,100	2	221,087	10	4,133	<1	2,163,943
2016	257,065	11	263,968	11	144,032	6	1,387,055	59	45,823	2	231,478	10	2,779	<1	2,332,200
2017	270,043	9	158,610	6	140,844	5	2,150,880	75	35,862	1	122,289	4	4,404	<1	2,882,932
2018	154,176	10	258,883	16	95,954	6	938,433	59	16,712	1	136,604	9	2,808	<1	1,603,570
2019	246,357	14	196,452	11	100,473	6	973,881	57	17,624	1	181,360	11	2,188	<1	1,718,335
2020	76,706	7	124,806	11	81,709	7	752,152	65	7,612	1	119,338	10	1,423	<1	1,163,746
2021	301,815	19	193,269	12	75,004	5	849,490	54	25,114	2	118,080	8	3,300	<1	1,566,072
Averages															
1962–2020	322,309	16	261,867	13	139,089	7	1,255,450	57	28,018	2	198,483	8	2,682	<1	2,142,687
2011–2021	284,557	12	275,296	12	123,661	5	1,459,541	61	35,529	1	211,921	9	2,598	<1	2,393,103

Note: En dashes indicate no data.

<sup>a</sup> Includes confiscations, test fisheries, and sanctioned sportfish salmon derbies where fish were sold.

<sup>b</sup> Minimum harvest by harvest type.

<sup>c</sup> Maximum harvest by harvest type.

Table 8.—Southeast Alaska annual commercial total pink salmon harvest by harvest type, in numbers and percent, 1962–2021.

Year	Seine	%	Driftnet	%	Setnet	%	Troll	%	Annette I.	%	Hatchery	%	Misc <sup>a</sup>	%	Total
1962	10,139,595	90	435,132	4	26,063	<1	75,083	1	579,917	5	—	—	—	—	11,255,790
1963	18,188,335	95	653,826	3	78,697	<1	106,939	1	88,145	<1	—	—	—	—	19,115,942
1964	17,305,646	93	753,312	4	40,038	<1	124,566	1	356,697	2	—	—	—	—	18,580,259
1965	10,061,346	92	698,339	6	4,402	<1	81,127	1	33,883	<1	—	—	—	—	10,879,097
1966	18,906,895	93	790,314	4	1,405 <sup>b</sup>	<1	63,623	<1	588,680	3	—	—	—	—	20,350,917
1967	2,807,759 <sup>b</sup>	90	205,683 <sup>b</sup>	7	31,580	1	57,372	2	6,949 <sup>b</sup>	<1	—	—	—	—	3,109,343 <sup>b</sup>
1968	24,083,473	96	607,275	2	2,130	<1	126,271	1	258,722	1	—	—	—	—	25,077,871
1969	4,313,575	89	381,729	8	64,271	1	83,572	2	29,238	1	—	—	—	—	4,872,385
1970	9,589,943	90	848,425	8	7,841	<1	70,179	1	102,907	1	—	—	—	—	10,619,295
1971	8,514,499	91	655,473	7	80,797	1	104,464	1	—	—	—	—	—	—	9,355,233
1972	11,363,527	92	444,375	4	3,092	<1	167,082	1	415,043	3	—	—	—	—	12,393,119
1973	5,611,363	87	654,224	10	16,990	<1	134,606	2	41,692	1	—	—	—	—	6,458,875
1974	4,174,551	85	338,346	7	4,211	<1	262,876	5	109,053	2	—	—	—	—	4,889,037
1975	3,414,308	85	350,199	9	80,277	2	76,844	2	108,400	3	—	—	—	—	4,030,028
1976	4,290,526	80	384,349	7	28,493	1	194,370	4	436,421	8	—	—	—	—	5,334,159
1977	11,444,267	83	1,428,899	10	75,530	1	281,009	2	581,957	4	—	—	—	—	13,811,662
1978	18,545,091	87	812,947	4	30,525	<1	617,633	3	1,235,444	6	—	—	—	—	21,241,640
1979	8,934,010	82	915,976	8	151,937	1	629,117	6	305,998	3	—	—	—	—	10,937,038
1980	11,869,988	82	1,107,273	8	143,135	1	267,213	2	1,105,482	8	—	—	7,324	<1	14,500,415
1981	16,268,867	85	1,264,900	7	133,756	1	579,436	3	653,409	3	132,744	1	5,096	<1	19,038,208
1982	22,048,891	91	569,351	2	9,850	<1	503,306	2	1,102,077	5	7,346 <sup>b</sup>	<1	4,002 <sup>b</sup>	<1	24,244,823
1983	33,666,234	90	1,209,372	3	25,278	<1	498,530	1	2,017,294	5	120,688	<1	8,519	<1	37,545,915
1984	21,070,834	85	1,307,853	5	19,870	<1	572,949	2	1,556,298	6	169,795	1	8,157	<1	24,705,756
1985	47,233,196	91	1,832,570	4	16,410	<1	963,395	2	1,424,695	3	470,949	1	18,105	<1	51,959,320
1986	42,788,318	93	1,282,418	3	7,263	<1	181,706	<1	1,823,069	4	61,178	<1	28,325	<1	46,172,277
1987	7,018,562	68	1,359,526	13	12,920	<1	486,355	5	338,763	3	994,190	10	70,106	1	10,280,422
1988	8,825,252	79	688,750	6	120,212	1	519,367	5	890,272	8	115,729	1	47,580	<1	11,207,162
1989	52,070,066	88	2,769,875 <sup>c</sup>	5	57,195	<1	1,771,409 <sup>c</sup>	3	2,550,624	4	213,371	<1	27,663	<1	59,460,203
1990	27,915,150	86	1,168,061	4	30,840	<1	771,665	2	1,546,186	5	880,750	3	29,350	<1	32,342,002
1991	58,592,358	95	820,409	1	3,052	<1	427,326	1	933,309	2	1,112,888	2	36,997	<1	61,926,339
1992	29,769,079	85	1,408,331	4	18,526	<1	673,795	2	954,756	3	2,111,411	6	27,400	<1	34,963,298
1993	53,414,515	93	1,087,670	2	9,909	<1	902,766	2	1,521,934	3	332,763	1	29,793	<1	57,299,350
1994	51,280,083	90	1,030,607	2	12,324	<1	942,783	2	498,031	1	3,459,436 <sup>c</sup>	6	51,613	<1	57,274,877
1995	43,498,508	91	1,337,764	3	54,041	<1	714,312	1	1,925,156	4	411,701	1	24,024	<1	47,965,506
1996	61,649,487	95	615,311	1	31,295	<1	812,899	1	867,799	1	609,316	1	43,607	<1	64,629,714
1997	24,782,485	86	1,384,200	5	93,658	<1	545,308	2	410,054	1	1,695,171	6	64,348	<1	28,975,224
1998	38,436,679	90	1,489,395	4	86,066	<1	261,104	1	799,296	2	1,411,511	3	51,351	<1	42,535,402

-continued-

Table 8.–Page 2 of 2.

Year	Seine	%	Driftnet	%	Setnet	%	Troll	%	Annette I.	%	Hatchery	%	Misc <sup>a</sup>	%	Total
1999	71,961,636	92	1,274,672	2	29,554	<1	540,859	1	896,414	1	3,053,220	4	91,929	<1	77,848,284
2000	18,156,691	89	679,452	3	64,349	<1	187,364	1	918,280	5	267,913	1	39,377	<1	20,313,426
2001	61,951,322	92	1,568,859	2	32,230	<1	258,943	<1	1,995,215	3	1,189,294	2	60,128	<1	67,055,991
2002	42,137,936	93	802,290	2	15,590	<1	86,399	<1	1,363,274	3	853,059	2	72,459	<1	45,331,007
2003	49,894,749	95	1,354,839	3	48,418	<1	159,643	<1	569,512	1	420,141	1	68,330	<1	52,515,632
2004	42,596,809	94	944,447	2	23,207	<1	57,199	<1	715,774	2	933,287	2	62,289	<1	45,333,012
2005	55,746,479	94	1,530,243	3	60,436	<1	109,584	<1	598,105	1	1,004,250	2	133,145	<1	59,182,242
2006	10,117,941	87	744,048	6	88,864	1	60,323	1	263,420	2	377,353	3	43,462	<1	11,695,411
2007	42,078,209	94	984,250	2	87,997	<1	104,325	<1	846,271	2	606,443	1	177,245 <sup>c</sup>	<1	44,884,740
2008	14,297,381	90	560,612	4	65,227	<1	28,123 <sup>b</sup>	<1	926,190	6	83,099	1	6,418	<1	15,967,050
2009	34,946,847	92	566,734	1	76,956	<1	75,722	<1	1,725,651	5	682,266	2	27,254	<1	38,101,430
2010	20,630,148	85	1,337,194	6	160,470	1	87,625	<1	1,327,540	5	713,810	3	46,712	<1	24,303,499
2011	55,251,280	94	1,641,100	3	205,261 <sup>c</sup>	<1	496,220	1	740,510	1	698,067	1	55,849	<1	59,088,287
2012	19,172,555	90	938,892	4	27,343	<1	168,539	1	807,922	4	153,194	1	35,945	<1	21,304,390
2013	88,764,579 <sup>c</sup>	94	1,664,045	2	67,344	<1	684,532	1	2,578,174	3	968,118	1	60,148	<1	94,786,940 <sup>c</sup>
2014	33,471,883	90	1,417,432	4	20,733	<1	75,278	<1	1,962,729	5	236,214	1	10,364	<1	37,194,633
2015	32,224,601	92	1,374,363	4	68,785	<1	259,411	1	776,981	2	333,233	1	124,052	<1	35,161,426
2016	15,388,943	84	1,152,890	6	21,778	<1	53,359	<1	1,418,243	8	330,519	2	30,265	<1	18,395,997
2017	32,061,417	92	1,019,549	3	91,933	<1	54,469	<1	879,193	3	641,437	2	78,591	<1	34,826,589
2018	6,850,978	85	556,370	7	29,072	<1	53,578	1	296,378	4	293,654	4	16,742	<1	8,096,772
2019	18,611,309	88	872,380	4	33,048	<1	70,422	<1	1,239,672	6	322,560	2	25,591	<1	21,174,982
2020	5,958,004	74	501,173	6	14,657	<1	43,456	1	529,417	7	995,829	12	40,041	<1	8,082,577
2021	44,520,097	92	673,173	1	28,071	<1	101,489	<1	2,733,923 <sup>c</sup>	6	419,985	1	55,107	<1	48,531,845
Averages															
1962–2020	27,392,525	89	992,852	5	49,951	<1	328,267	1	889,181	3	736,698	2	46,089	<1	30,169,190
2011–2020	30,775,555	88	1,113,819	4	57,995	<1	195,926	1	1,122,922	4	497,283	3	47,759	<1	33,811,259

Note: En dashes indicate no data.

<sup>a</sup> Includes confiscations, test fisheries, and sanctioned sportfish salmon derbies where fish were sold.

<sup>b</sup> Minimum harvest by harvest type.

<sup>c</sup> Maximum harvest by harvest type.

Table 9.—Southeast Alaska annual commercial total chum salmon harvest by harvest type, in numbers and percent, 1962–2021.

Year	Seine	%	Driftnet	%	Setnet	%	Troll	%	Annette I.	%	Hatchery	%	Misc. <sup>a</sup>	%	Total
1962	1,593,386	87	233,421	13	616	<1	2,676	<1	6,911	<1	–	–	–	–	1,837,010
1963	1,186,182	81	265,251	18	10,294	1	6,230	<1	2,282	<1	–	–	–	–	1,470,239
1964	1,661,431	86	250,045	13	1,481	<1	2,576	<1	12,301	1	–	–	–	–	1,927,834
1965	1,185,569	81	269,986	18	4,094	<1	6,359	<1	248	<1	–	–	–	–	1,466,256
1966	2,846,425	88	365,070	11	3,396	<1	5,203	<1	7,308	<1	–	–	–	–	3,227,402
1967	1,545,057	86	250,050	14	4,459	<1	7,051	<1	323	<1	–	–	–	–	1,806,940
1968	2,251,556	85	363,713	14	13,866	1	2,791	<1	4,281	<1	–	–	–	–	2,636,207
1969	332,514 <sup>b</sup>	59	208,918 <sup>b</sup>	37	17,203	3	1,702 <sup>b</sup>	<1	258	<1	–	–	–	–	560,595 <sup>b</sup>
1970	1,919,378	79	494,294	20	10,147	<1	2,906	<1	1,387	<1	–	–	–	–	2,428,112
1971	1,495,755	77	435,924	22	6,306	<1	7,621	<1	–	–	–	–	–	–	1,945,606
1972	2,168,632	74	744,933	25	12,887	<1	11,673	<1	5,290	<1	–	–	–	–	2,943,415
1973	1,221,201	69	524,199	30	8,995	1	10,443	1	226 <sup>b</sup>	<1	–	–	–	–	1,765,064
1974	988,297	59	666,313	40	4,185	<1	13,832	1	375	<1	–	–	–	–	1,673,002
1975	381,540	55	298,296	43	3,761	1	2,784	<1	1,306	<1	–	–	–	–	687,687
1976	511,827	50	503,230	49	7,462	1	4,251	<1	3,810	<1	–	–	–	–	1,030,580
1977	336,408	46	364,164	49	8,623	1	11,621	2	15,193	2	–	–	–	–	736,009
1978	521,880	60	288,959	33	6,181	1	26,193	3	25,605	3	–	–	–	–	868,818
1979	438,175	49	401,161	45	7,399	1	24,661	3	16,437	2	–	–	–	–	887,833
1980	1,002,478	61	548,674	33	20,151	1	12,168	1	57,064	3	752	<1	1,651	<1	1,642,938
1981	517,002	62	270,231	32	10,655	1	8,680	1	30,312	4	1 <sup>b</sup>	<1	359	<1	837,240
1982	828,444	62	448,332	34	6,320	<1	5,638	<1	40,362	3	778	<1	345	<1	1,330,219
1983	579,168	49	516,639	44	11,195	1	20,309	2	24,237	2	18,269	2	309 <sup>b</sup>	<1	1,170,126
1984	2,433,749	60	1,030,346	25	32,230	1	28,057	1	104,951	3	453,204	11	1,662	<1	4,084,199
1985	1,849,523	56	1,134,446	35	12,468	<1	52,770	2	86,916	3	133,051	4	6,227	<1	3,275,401
1986	2,198,907	65	815,813	24	16,616	<1	51,391	2	112,679	3	161,792	5	1,794	<1	3,358,992
1987	1,234,552	45	747,363	27	14,555	1	12,843	<1	109,029	4	594,563	22	8,756	<1	2,721,661
1988	1,625,435	46	1,144,856	32	29,256 <sup>c</sup>	1	88,261	2	127,711	4	512,809	15	7,263	<1	3,535,591
1989	1,079,555	55	542,846	28	16,259	1	68,990	4	65,415	3	192,527	10	3,302	<1	1,968,894
1990	1,062,522	48	616,226	28	5,825	<1	62,818	3	84,519	4	381,645	17	4,340	<1	2,217,895
1991	2,125,308	64	707,277	21	2,984	<1	28,438	1	82,102	2	376,313	11	13,621	<1	3,336,043
1992	3,193,433	65	845,176	17	7,604	<1	85,029	2	102,290	2	695,451	14	7,532	<1	4,936,515
1993	4,606,463	58	1,401,186	18	4,065	<1	525,158	7	75,489	1	1,256,796	16	10,711	<1	7,879,868
1994	6,376,472	61	1,823,497	18	4,229	<1	330,377	3	136,341	1	1,717,481	17	14,688	<1	10,403,085
1995	6,600,529	59	2,478,672	22	2,585	<1	277,453	2	133,380	1	1,707,559	15	25,515	<1	11,225,693
1996	8,918,577	56	2,033,650	13	1,803	<1	406,256	3	126,294	1	4,536,244	28	20,506	<1	16,043,330 <sup>c</sup>
1997	5,863,603	50	1,689,474	14	808	<1	312,042	3	166,573	1	3,736,406	32	20,233	<1	11,789,139
1998	9,406,979 <sup>c</sup>	60	1,923,764	12	1,351	<1	117,642	1	214,681	1	4,004,257	26	26,611	<1	15,695,285

-continued-

Table 9.–Page 2 of 2.

Year	Seine	%	Driftnet	%	Setnet	%	Troll	%	Annette I.	%	Hatchery	%	Misc. <sup>a</sup>	%	Total
1999	8,944,184	60	2,166,260	15	928	<1	74,704	1	100,331	1	3,611,886	24	32,639	<1	14,930,932
2000	8,306,257	52	2,561,607	16	1,185	<1	478,144	3	164,969	1	4,353,396	27	45,351	<1	15,910,909
2001	4,436,178	51	1,576,881	18	406	<1	467,837	5	126,455	1	2,125,390	24	21,269	<1	8,754,416
2002	3,110,330	42	1,415,849	19	204	<1	117,672	2	83,438	1	2,710,351	36	17,163	<1	7,455,007
2003	4,336,128	39	1,528,198	14	542	<1	286,410	3	56,049	1	4,889,605 <sup>c</sup>	44	18,153	<1	11,115,085
2004	5,684,447	50	1,835,679	16	1,555	<1	171,307	2	97,664	1	3,550,119	31	30,852	<1	11,371,623
2005	2,817,026	44	1,511,570	24	525	<1	174,596	3	58,487	1	1,858,830	29	6,496	<1	6,427,530
2006	5,614,232	41	3,126,853	23	1,225	<1	153,545	1	160,182	1	4,473,325	33	25,918	<1	13,555,280
2007	3,043,839	32	2,485,605	26	2,782	<1	191,680	2	190,485	2	3,484,759	37	18,657	<1	9,417,807
2008	3,215,231	36	2,592,212	29	546	<1	60,829	1	157,975	2	3,017,712	33	8,583	<1	9,053,088
2009	3,502,998	36	2,729,966	28	871	<1	342,865	4	158,637	2	2,926,353	30	12,385	<1	9,674,075
2010	3,234,846	34	2,220,688	23	1,239	<1	394,696	4	314,418	3	3,299,035	35	11,007	<1	9,475,929
2011	2,701,643	25	2,801,644	26	900	<1	702,901	7	430,585	4	4,087,184	38	5,283	<1	10,730,140
2012	4,826,746	39	3,517,702	28	2,162	<1	476,520	4	468,304	4	3,065,001	25	18,418	<1	12,374,853
2013	5,797,941	46	3,422,488	27	1,428	<1	1,054,265 <sup>c</sup>	8	182,489	1	2,099,940	17	14,481	<1	12,573,032
2014	2,384,335	36	2,381,516	36	621	<1	199,707	3	129,478	2	1,575,630	24	8,509	<1	6,679,796
2015	4,827,047	42	3,351,918	29	660	<1	424,231	4	704,131 <sup>c</sup>	6	2,306,954	20	12,393	<1	11,627,334
2016	3,108,581	34	2,679,235	29	554	<1	164,944	2	396,058	4	2,731,469	30	36,425	<1	9,117,266
2017	4,044,328	35	3,611,923 <sup>c</sup>	32	912	<1	403,488	4	249,088	2	3,094,798	27	25,768	<1	11,430,305
2018	4,985,011	43	2,526,020	22	132	<1	530,558	5	211,148	2	3,215,022	28	16,442	<1	11,484,333
2019	4,380,820	47	2,327,435	25	395	<1	269,600	3	97,770	1	2,246,365	24	47,502 <sup>c</sup>	1	9,369,849
2020	2,012,622	43	1,061,927	23	122	<1	79,451	2	75,734	2	1,457,783	31	6,606	<1	4,694,245
2021	2,586,723	35	1,532,188	21	69 <sup>b</sup>	<1	704,325	9	134,245	2	2,446,816	33	11,696	<1	7,416,062
Averages															
1962–2020	3,040,723	55	1,374,230	25	5,970	<1	167,201	2	113,755	2	2,113,682	24	15,014	<1	6,179,213
2011–2020	3,906,904	39	2,768,181	28	789	<1	430,567	4	294,479	3	2,588,015	26	19,183	<1	10,008,115

Note: En dashes indicate no data.

<sup>a</sup> Includes confiscations, test fisheries, and sanctioned sportfish salmon derbies where fish were sold.

<sup>b</sup> Minimum harvest by harvest type.

<sup>c</sup> Maximum harvest by harvest type.

Table 10.—Southeast Alaska estimated exvessel value, harvest, average weight, and price paid per pound by gear and species, 2021.

Fishery	Chinook	Jacks	Sockeye	Coho	Pink	Chum	Total
Exvessel value in dollars <sup>a</sup>							
Purse seine <sup>b</sup>	\$994,694	\$616	\$8,243,536	\$1,312,895	\$43,273,534	\$17,243,096	\$71,068,371
Drift gillnet <sup>b</sup>	\$1,103,794	—	\$2,150,162	\$2,217,762	\$872,432	\$10,189,050	\$16,533,199
Setnet	\$22,388	—	\$828,865	\$934,250	\$32,226	\$119	\$1,817,847
Troll	\$13,560,260	—	\$47,862	\$13,371,822	\$135,285	\$5,102,835	\$32,218,063
Annette Island <sup>c</sup>	\$101,746	\$157	\$143,932	\$208,948	\$3,012,783	\$989,520	\$4,457,086
Hatchery cost recovery	\$445,156	\$628	\$119,261	\$1,406,805	\$576,219	\$14,093,660	\$16,641,729
Miscellaneous <sup>d</sup>	\$46,485	\$3	\$9,327	\$32,333	\$59,791	\$65,615	\$213,554
<b>Total exvessel value</b>	<b>\$16,274,521</b>	<b>\$1,404</b>	<b>\$11,542,944</b>	<b>\$19,484,816</b>	<b>\$47,962,270</b>	<b>\$42,672,815</b>	<b>\$142,949,849</b>
Number harvested							
Purse seine <sup>b</sup>	17,287	3,602	793,869	301,815	44,520,097	2,586,723	48,223,393
Drift gillnet <sup>b</sup>	17,290	—	209,119	193,269	673,173	1,532,188	2,625,039
Setnet	577	—	87,850	75,004	28,071	69	191,571
Troll	162,886	—	5,248	849,490	101,489	704,325	1,823,438
Annette Island <sup>c</sup>	1,610	25	13,327	25,114	2,733,923	134,245	2,908,244
Hatchery cost recovery	21,375	757	13,908	118,080	419,985	2,446,816	3,020,921
Miscellaneous <sup>d</sup>	635	7	987	3,300	55,107	11,696	71,732
<b>Total harvested</b>	<b>221,660</b>	<b>4,391</b>	<b>1,124,308</b>	<b>1,566,072</b>	<b>48,531,845</b>	<b>7,416,062</b>	<b>58,864,338</b>
Average weight in pounds <sup>e</sup>							
Purse seine	13.7	0.9	5.9	5.8	2.7	6.6	
Drift gillnet	11.4	—	5.3	7.5	3.6	7	
Setnet	9.7	—	5.1	7.2	4.1	6.9	
Troll	11.1	—	4	5.3	3.1	6.3	
Annette Island <sup>c</sup>	12.2	7.4	6	6.4	2.9	8.1	
Hatchery cost recovery	11.7	8.3	4.9	7.4	2.8	6.4	
Miscellaneous	12.1	3.6	5.4	6.9	3.1	6.6	
Estimated average exvessel price per pound <sup>f</sup>							
Purse seine	\$4.20	\$0.19	\$1.76	\$0.75	\$0.36	\$1.01	
Drift gillnet	\$5.60	—	\$1.94	\$1.53	\$0.36	\$0.95	
Setnet	\$4.00	—	\$1.85	\$1.73	\$0.28	\$0.25	
Troll	\$7.50	—	\$2.28	\$2.97	\$0.43	\$1.15	
Annette Island <sup>c</sup>	\$5.18	\$0.85	\$1.80	\$1.30	\$0.38	\$0.91	
Hatchery cost recovery	\$1.78	\$0.10	\$1.75	\$1.61	\$0.49	\$0.90	
Miscellaneous	\$6.05	\$0.10	\$1.75	\$1.42	\$0.35	\$0.85	

Note: En dashes indicate no data.

<sup>a</sup> Exvessel value calculation = (number caught) x (average weight) x (average exvessel price).

<sup>b</sup> In addition to adults, jack Chinook salmon <28 inches may only be sold in the drift gillnet fishery and jack salmon <28 inches may be sold in the purse seine fishery if harvested in a hatchery terminal harvest area.

<sup>c</sup> Annette Island Reserve includes purse seine, drift gillnet, and hand and power troll gear types.

<sup>d</sup> Includes confiscations, commercial test fisheries, and sport derbies where fish were sold.

<sup>e</sup> Average weight = (total pounds for all fish tickets (where pounds>0))/(total number of fish for all tickets (where number>0)).

<sup>f</sup> Average price = (total value for all fish tickets (where value>0))/(total pounds for all fish tickets (where pounds>0)).

Table 11.—Southeast Alaska salmon exvessel value estimates from Commercial Fisheries Entry Commission (CFEC; 1976–2019) and fish ticket data (2020 and 2021) by gear group, 1976–2021.

Year	Purse seine	Drift gillnet	Set gillnet	Troll	Total
1976	\$11,064,253	\$8,605,228	\$1,266,918	\$9,960,934	\$30,897,333
1977	\$24,528,760	\$11,849,486	\$2,165,108	\$15,355,560	\$53,898,914
1978	\$27,664,646	\$9,750,459	\$2,588,725	\$23,142,387	\$63,146,217
1979	\$19,632,769	\$11,434,552	\$3,022,174	\$27,876,636	\$61,966,131
1980	\$29,487,986	\$9,388,349	\$2,272,641	\$16,404,446	\$57,553,422
1981	\$36,786,344	\$9,393,150	\$2,631,179	\$19,708,310	\$68,518,983
1982	\$28,147,770	\$10,423,447	\$2,220,866	\$24,414,056	\$65,206,139
1983	\$33,292,294	\$7,602,633	\$1,200,401	\$15,975,186	\$58,070,514
1984	\$35,000,066	\$13,498,190	\$2,305,102	\$26,602,196	\$77,405,554
1985	\$52,018,934	\$17,083,901	\$2,777,108	\$25,009,669	\$96,889,612
1986	\$53,893,815	\$14,585,793	\$2,044,606	\$28,074,767	\$98,598,981
1987	\$22,739,529	\$19,227,191	\$4,587,640	\$25,368,212	\$71,922,572
1988	\$53,314,374	\$32,342,986	\$8,703,413	\$29,827,740	\$124,188,513
1989	\$91,241,060	\$20,578,737	\$4,217,986	\$23,526,234	\$139,564,017
1990	\$44,821,503	\$16,439,366	\$4,560,978	\$31,101,694	\$96,923,541
1991	\$36,071,105	\$12,037,061	\$2,330,261	\$25,162,099	\$75,600,526
1992	\$51,054,882	\$20,850,361	\$5,320,994	\$29,351,980	\$106,578,217
1993	\$52,894,318	\$15,904,271	\$3,000,832	\$26,642,558	\$98,441,979
1994	\$61,164,567	\$17,207,769	\$3,653,893	\$38,943,302	\$120,969,531
1995	\$55,806,812	\$16,899,040	\$2,479,193	\$16,673,792	\$91,858,837
1996	\$42,813,455	\$14,430,995	\$2,406,670	\$16,394,667	\$76,045,787
1997	\$40,813,997	\$11,143,699	\$3,216,870	\$18,853,651	\$74,028,217
1998	\$45,509,746	\$11,345,286	\$1,416,481	\$14,974,147	\$73,245,660
1999	\$56,402,089	\$11,489,118	\$2,324,296	\$20,442,587	\$90,658,090
2000	\$38,060,764	\$10,940,909	\$1,491,218	\$14,786,178	\$65,279,069
2001	\$48,742,800	\$11,316,836	\$1,134,695	\$17,191,517	\$78,385,848
2002	\$20,244,170	\$8,132,853	\$741,392	\$13,164,474	\$42,282,889
2003	\$26,705,739	\$8,903,210	\$1,140,130	\$14,812,555	\$51,561,634
2004	\$31,672,452	\$11,778,867	\$1,629,266	\$29,016,910	\$74,097,495
2005	\$36,073,649	\$12,753,519	\$926,824	\$26,770,816	\$76,524,808
2006	\$27,536,028	\$20,007,955	\$1,724,122	\$34,645,633	\$83,913,738
2007	\$49,646,050	\$15,081,267	\$2,516,647	\$30,985,116	\$98,229,080
2008	\$40,986,039	\$24,209,429	\$1,657,225	\$36,566,992	\$103,419,685
2009	\$48,417,377	\$18,578,453	\$1,681,645	\$22,942,077	\$91,619,552
2010	\$56,238,100	\$26,618,998	\$2,157,567	\$31,945,182	\$116,959,847
2011	\$122,181,438	\$31,126,506	\$2,311,802	\$32,407,478	\$188,028,596
2012	\$73,082,279	\$37,475,066	\$1,536,822	\$29,851,966	\$141,949,908
2013	\$154,063,851	\$29,456,023	\$3,018,685	\$41,311,596	\$227,851,157
2014	\$58,359,164	\$28,377,429	\$2,117,425	\$46,553,102	\$135,409,768
2015	\$55,228,561	\$20,621,188	\$1,324,263	\$25,790,377	\$102,967,142
2016	\$41,671,425	\$22,718,531	\$1,930,288	\$34,529,503	\$100,849,747
2017	\$75,696,745	\$30,751,155	\$2,549,101	\$35,998,740	\$144,995,741
2018	\$54,947,950	\$29,095,148	\$1,089,417	\$31,615,900	\$116,748,415
2019	\$47,218,277	\$18,700,718	\$1,548,185	\$23,484,419	\$90,951,599
2020 <sup>a</sup>	\$13,818,313	\$6,970,404	\$1,058,014	\$21,142,177	\$42,988,909
2021 <sup>a</sup>	\$71,302,391	\$16,479,351	\$1,812,754	\$32,168,631	\$121,763,127
Average					
2011–2020	\$73,868,779	\$27,494,076	\$1,958,356	\$33,348,826	\$127,621,996

<sup>a</sup> Exvessel value estimates for 2021 are preliminary.

Table 12.—Southeast Alaska salmon subsistence/personal use effort and harvest by species, 1985–2021.

Year <sup>b</sup>	Permits <sup>a</sup>			Numbers of salmon harvested					
	Issued	Returned	Fished <sup>c</sup>	Chinook	Sockeye	Coho	Pink	Chum	Total
1985	3,012	1,271	1,271	19	20,006	360	2,136	2,951	25,472
1986	2,777	1,353	1,353	29	21,974	277	971	2,840	26,091
1987	2,678	1,322	1,322	34	25,430	117	1,491	3,881	30,953
1988	2,821	998	998	94	20,011	97	1,145	3,013	24,360
1989	3,255	1,460	1,460	580	32,731	1,393	3,693	3,137	41,534
1990	3,270	1,503	1,503	524	36,446	1,615	3,750	3,438	45,773
1991	3,581	1,521	1,521	262	38,265	868	1,830	3,358	44,583
1992	3,470	1,800	1,800	614	53,099	4,939	2,942	3,201	64,795
1993	3,861	2,044	2,044	537	56,172	3,515	2,153	2,583	64,960
1994	4,070	2,158	2,158	800	57,077	3,607	3,639	4,211	69,334
1995	3,975	1,931	1,931	1,201	45,062	3,700	3,215	3,361	56,539
1996	4,171	2,085	2,085	1,078	54,956	2,482	2,437	4,143	65,096
1997	4,211	2,120	2,120	739	48,761	2,314	3,354	3,617	58,785
1998	4,272	2,296	2,296	1,051	53,660	2,843	3,361	5,042	65,957
1999	4,308	2,262	2,262	1,310	49,509	1,748	2,843	4,356	59,766
2000	3,771	1,947	1,947	1,255	46,036	1,908	2,204	2,981	54,384
2001	3,609	1,878	1,878	1,266	48,307	2,697	3,762	3,308	59,340
2002	3,328	1,771	1,771	1,823	48,585	3,081	2,807	1,846	58,142
2003	3,597	1,968	1,968	1,346	55,994	2,503	3,198	3,206	66,247
2004	3,703	2,081	2,081	1,288	54,057	2,109	2,833	2,748	63,035
2005	3,315	1,554	1,552	741	34,077	1,939	4,439	1,636	42,832
2006	3,406	1,758	1,757	1,238	46,454	1,620	3,050	1,524	53,886
2007	3,160	1,608	1,608	810	36,853	1,166	2,413	628	41,870
2008	3,153	1,541	1,540	882	36,383	3,188	1,722	1,325	43,500
2009	3,427	1,868	1,868	976	43,979	3,160	3,093	1,716	52,924
2010	3,548	1,832	1,830	1,288	42,250	3,014	3,197	801	50,550
2011	3,314	1,950	1,646	766	36,098	2,605	5,070	1,059	45,598
2012	3,268	2,541	1,775	690	43,867	2,699	2,406	1,042	50,704
2013	3,441	2,792	1,869	764	42,513	3,124	3,094	1,215	50,710
2014	3,320	2,703	1,763	769	38,059	2,748	2,041	818	44,435
2015	3,025	2,421	1,489	393	31,084	2,552	4,267	968	39,264
2016	3,041	2,425	1,628	368	38,365	2,828	3,026	1,319	45,906
2017	3,065	2,318	1,501	406	31,968	1,934	4,064	840	39,212
2018	3,554	2,392	1,690	259	41,487	3,191	1,412	1,102	47,451
2019	3,604	2,322	1,659	362	39,750	2,489	2,209	926	45,736
2020	3,555	2,701	1,430	227	27,704	2,520	2,586	526	33,563
2021 <sup>d</sup>	3,077	1,875	1,207	204	26,755	1,582	1,776	397	30,714
Averages									
1985–2020	3,460	1,956	1,718	730	40,643	2,285	2,801	2,299	48,757
2011–2021	3,319	2,457	1,645	500	37,090	2,669	3,018	982	44,258

Note: Data presented in this table are for Southeast Alaska only and excludes the Yakutat area.

<sup>a</sup> Prior to 1996, the numbers of permits issued and returned are not as reliable due to data entry omissions (if a permit had zero harvest it was not recorded as a returned permit).

<sup>b</sup> Prior to 1985, the numbers of permits issued and returned were not recorded.

<sup>c</sup> Number of permits fished is estimated from permit data.

<sup>d</sup> Data for 2021 are preliminary as not all permits have been returned. Permits will continue to be returned and entered through next season.



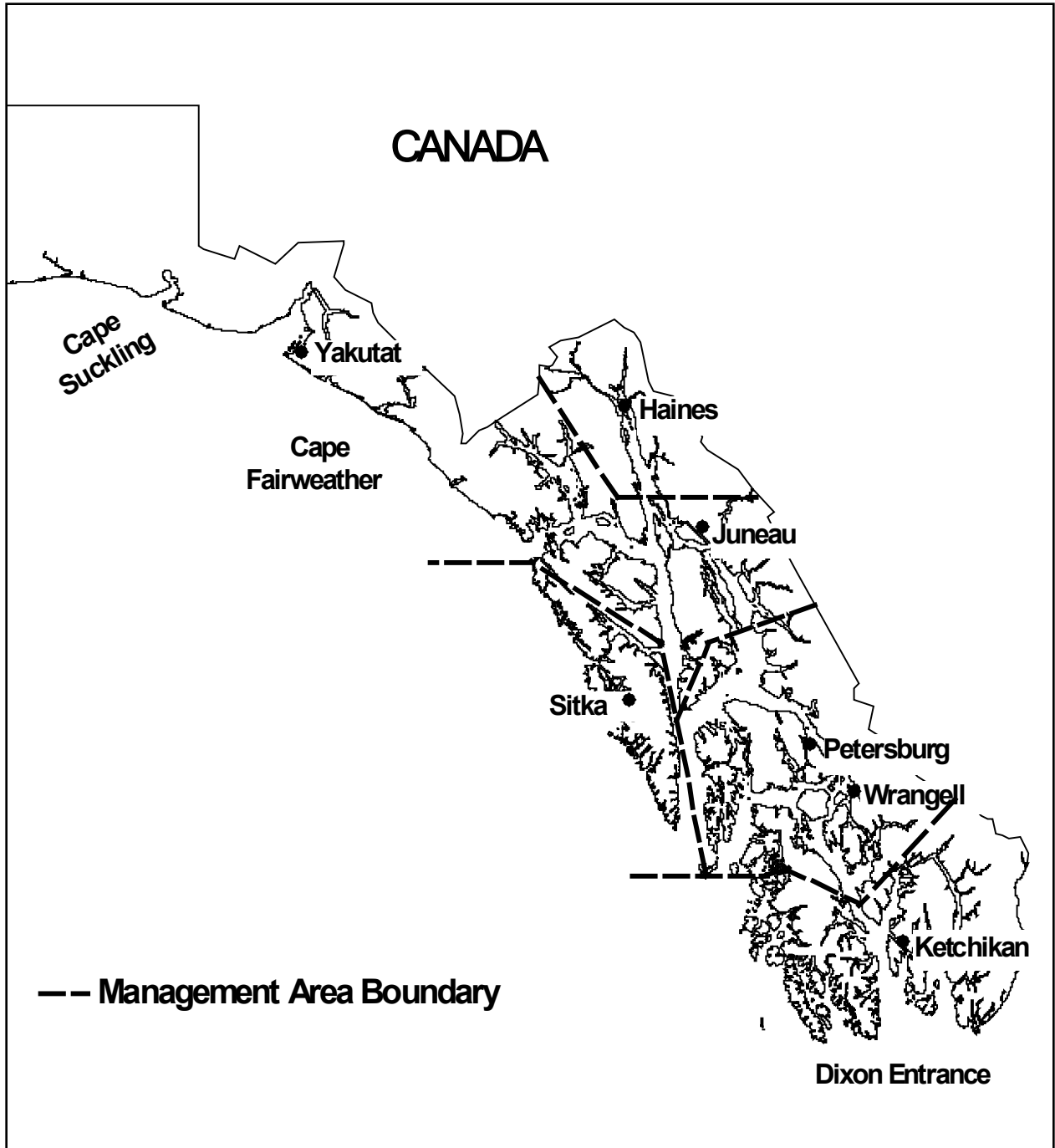


Figure 1.—Southeast Alaska consists of Alaska waters between Cape Suckling on the north and Dixon Entrance on the south. Troll fisheries are managed regionally, and drift gillnet, setnet, and purse seine fisheries are managed by area offices in Ketchikan, Petersburg/Wrangell, Sitka, Juneau, Haines, and Yakutat.

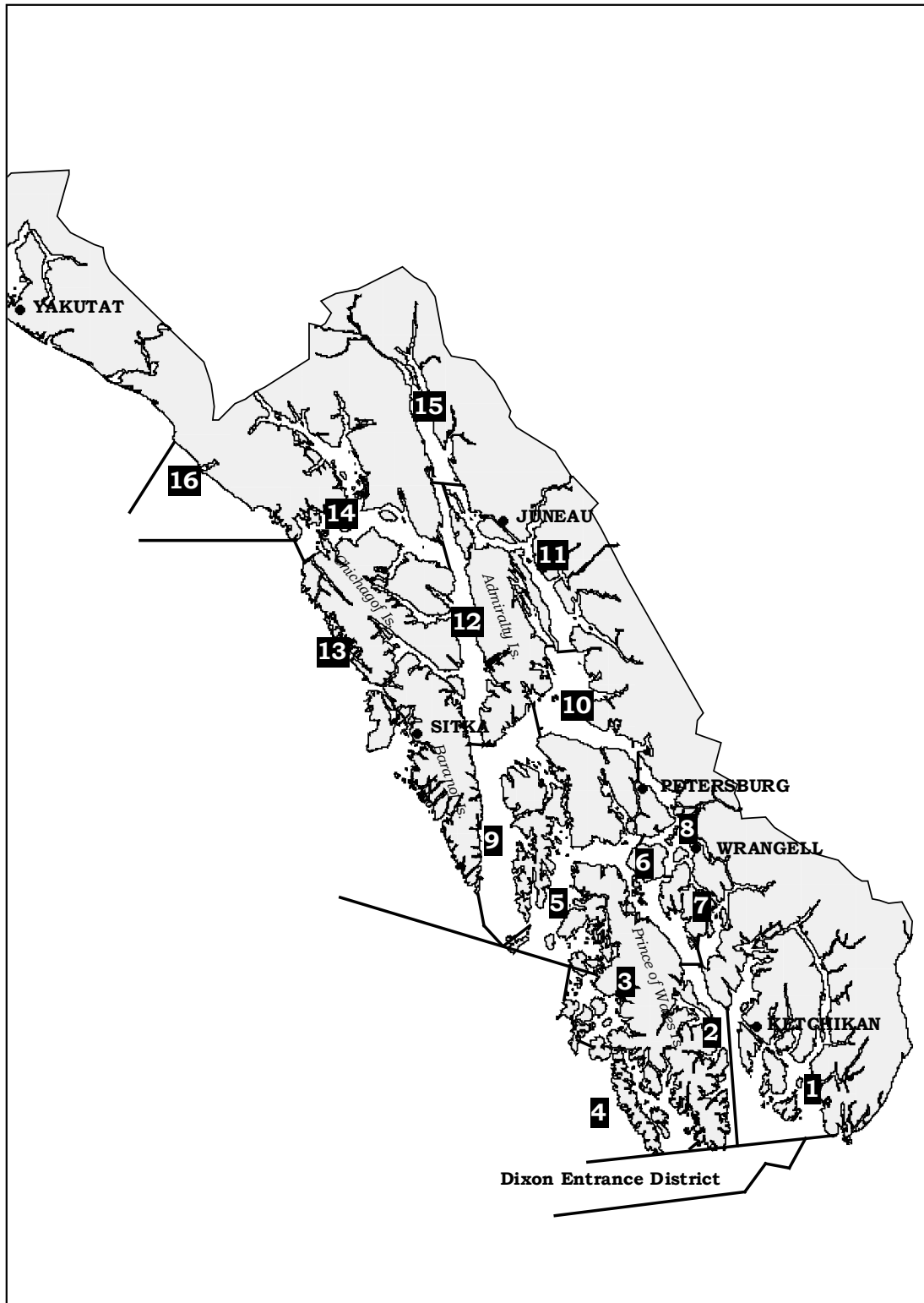


Figure 2.—Boundaries for regulatory Districts 1 to 16, as well as Dixon Entrance District, within Southeast Alaska

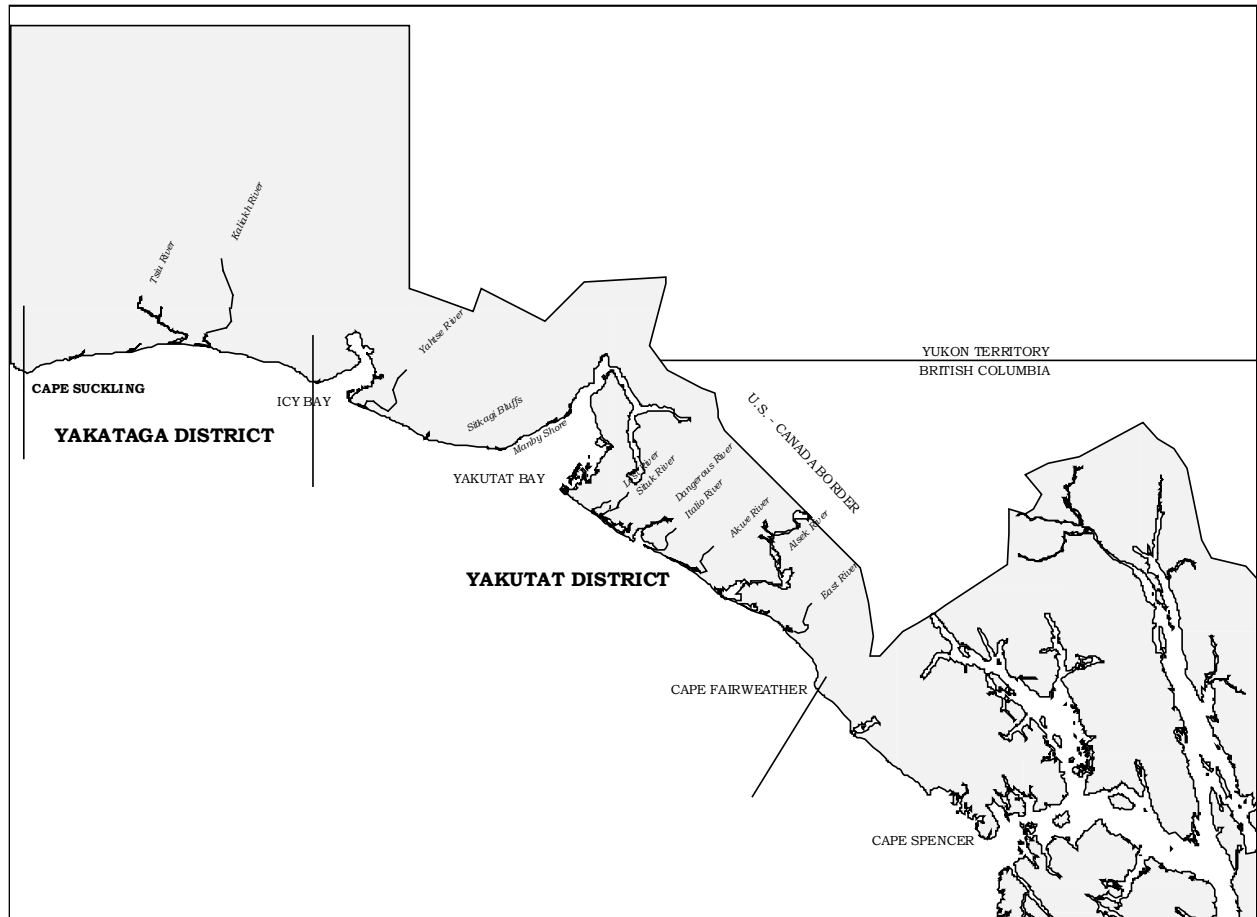


Figure 3.—Boundaries for Yakutat and Yakataga regulatory Districts within the Yakutat management area (Registration Area D).

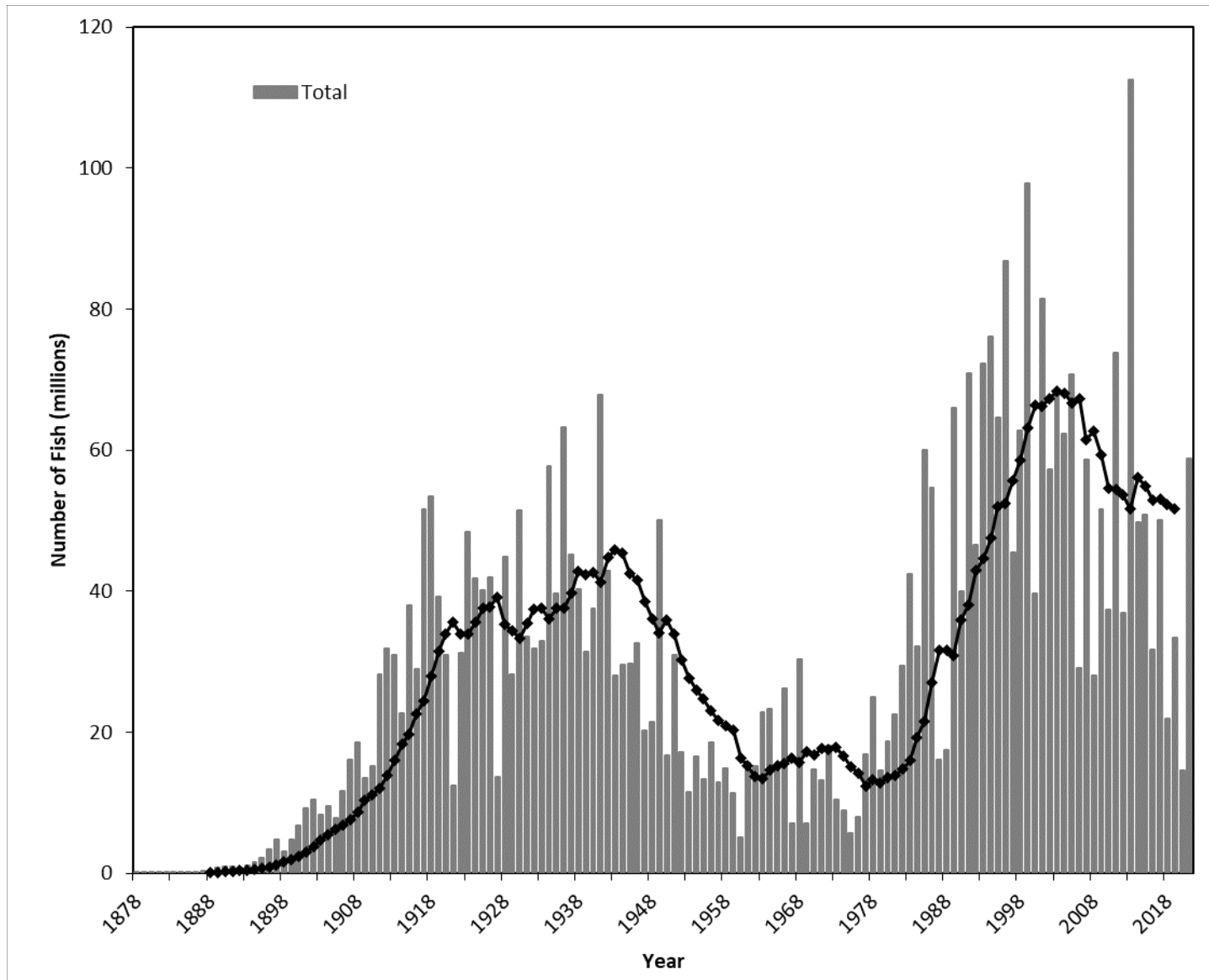


Figure 4.—Southeast Alaska historical salmon harvest and recent 10-year average harvest, 1878–2021.

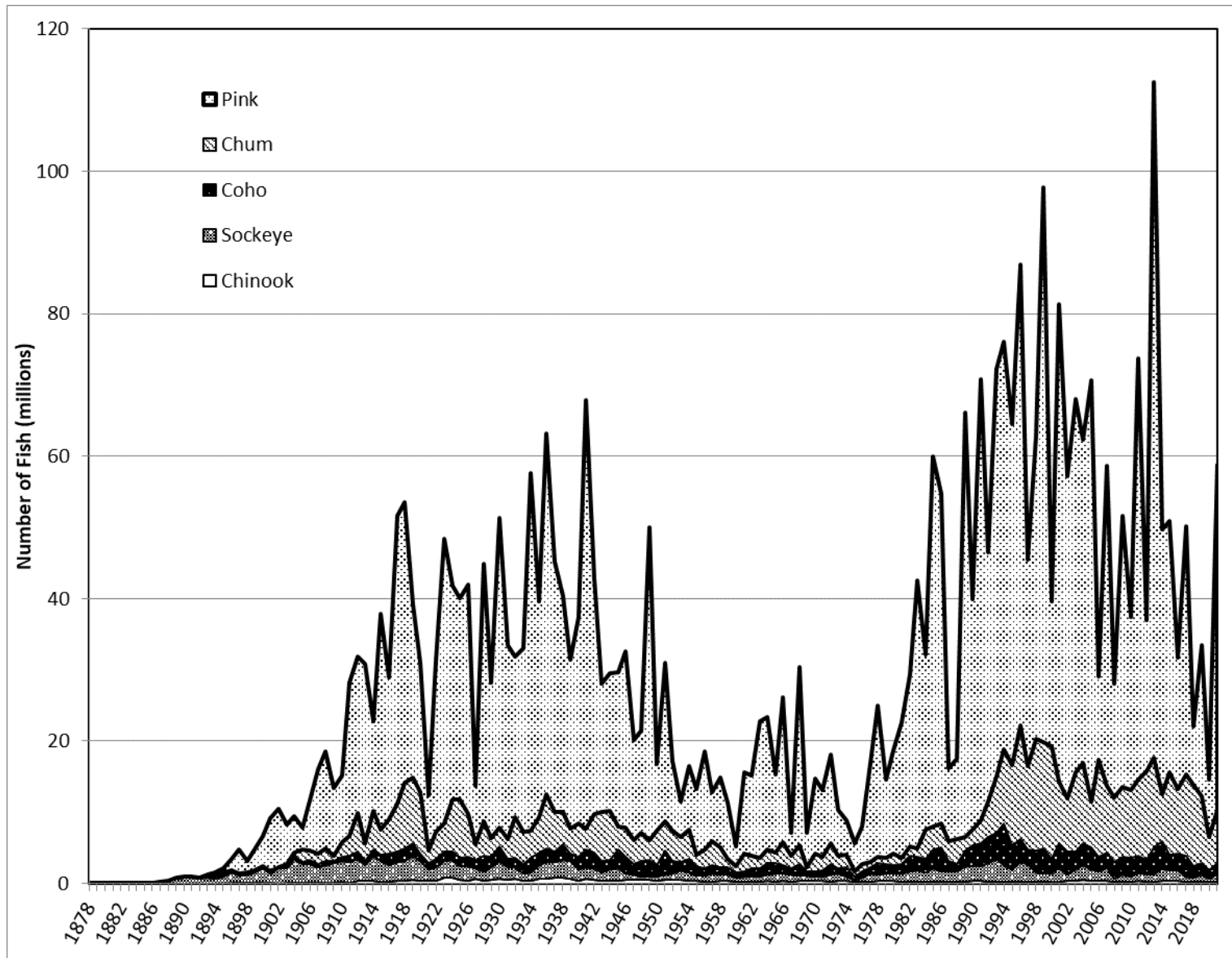


Figure 5.—Southeast Alaska historical salmon harvest by species and season, 1878–2021.

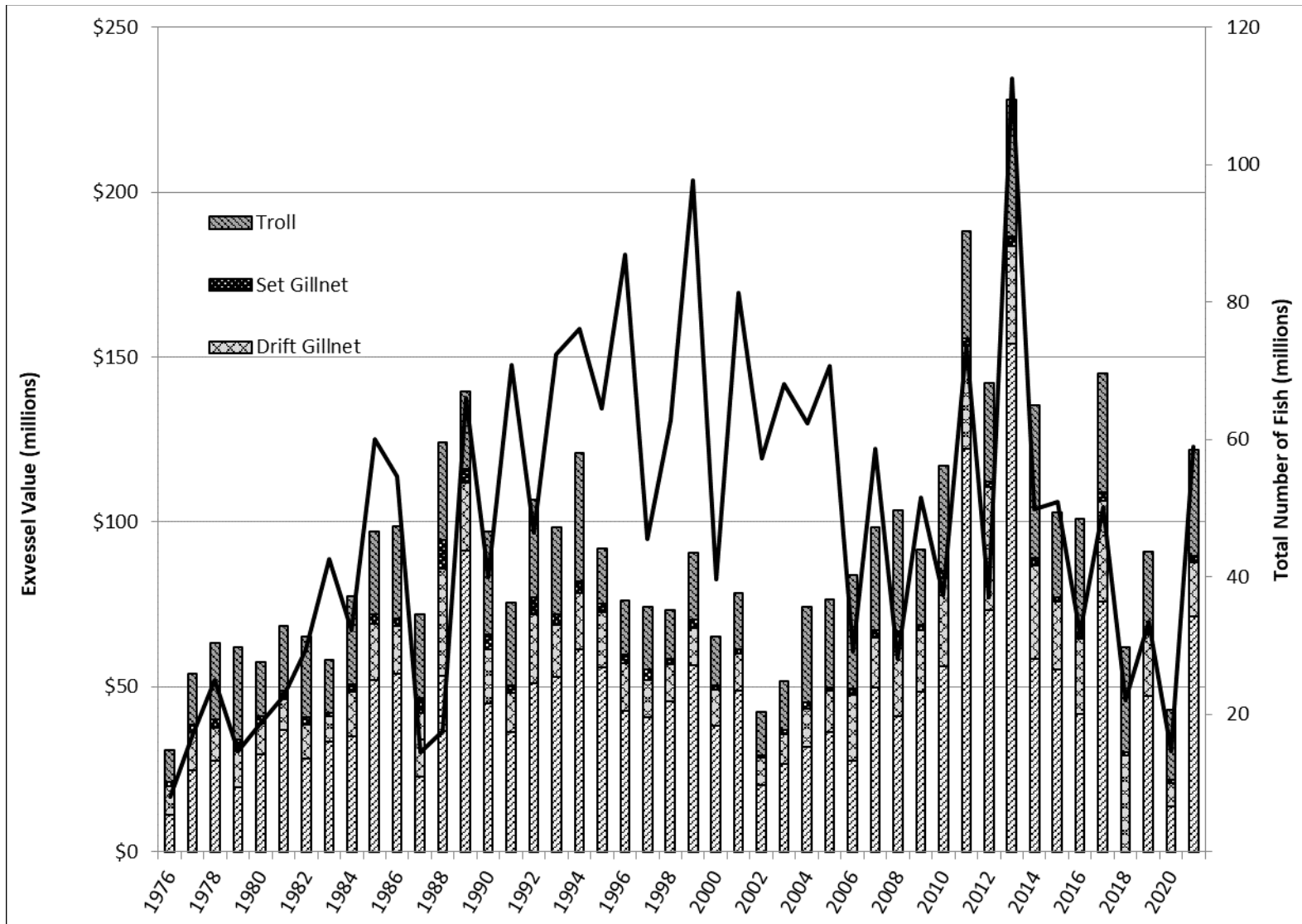


Figure 6.—Southeast Alaska total commercial exvessel value by gear type and season from Commercial Fisheries Entry Commission (CFEC; 1975–2019) and fish ticket (2020 and 2021) data, and number of salmon harvested by season, 1975–2021.

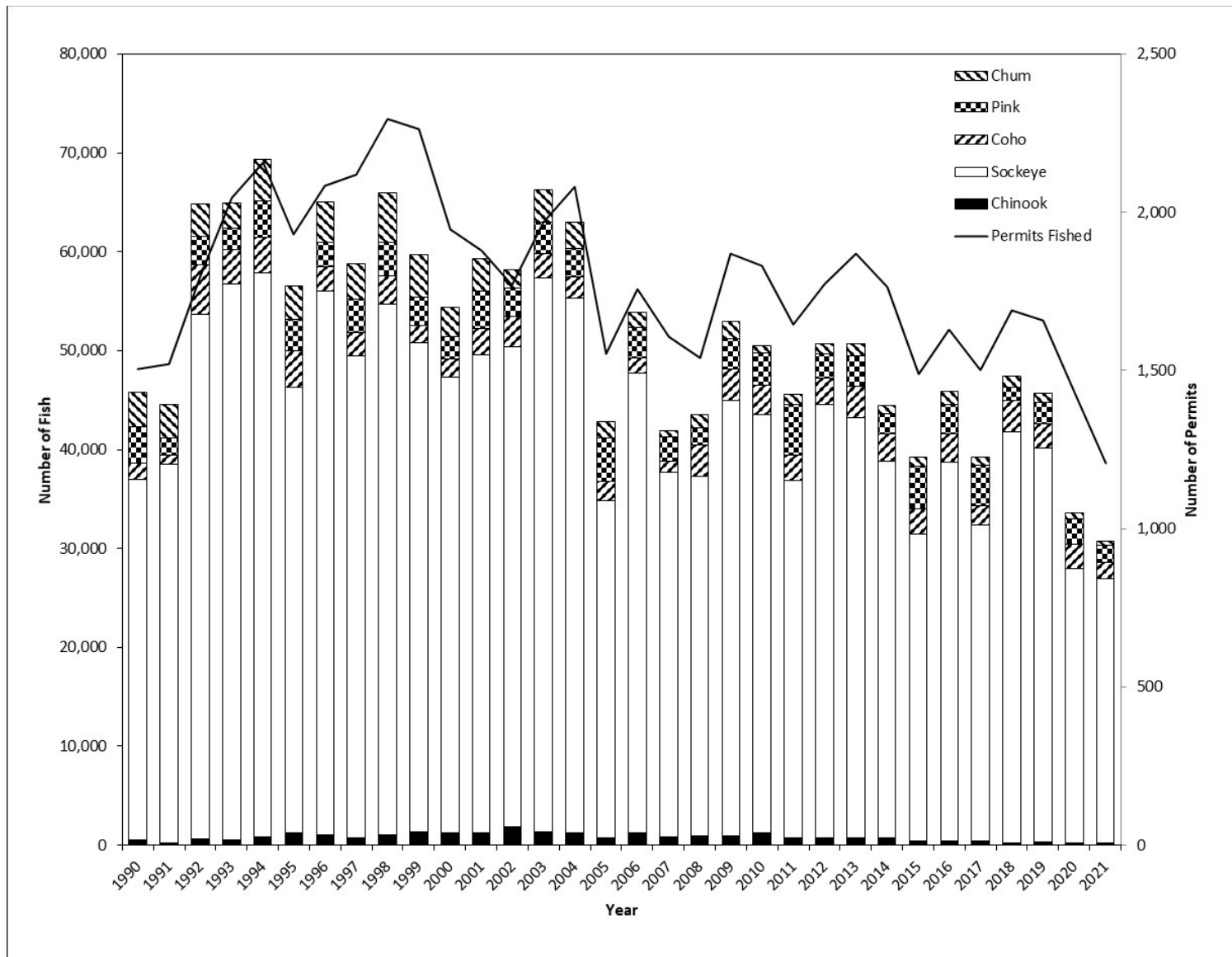


Figure 7.—Number of fish harvested by species and effort in the Southeast Alaska subsistence/personal use fishery, 1985–2021.  
*Note:* Harvest information for 2021 is preliminary as not all permits had been returned at time of reporting.