

Fishery Management Report No. 20-14

North Alaska Peninsula Commercial Salmon Annual Management Report, 2019

by

Reid H. Johnson

William Middleton

and

Robert L. Murphy

April 2020

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.

Weights and measures (metric)		General		Mathematics, statistics	
centimeter	cm	Alaska Administrative Code	AAC	all standard mathematical signs, symbols and abbreviations	
deciliter	dL	all commonly accepted abbreviations	e.g., Mr., Mrs., AM, PM, etc.	alternate hypothesis	H _A
gram	g	all commonly accepted professional titles	e.g., Dr., Ph.D., R.N., etc.	base of natural logarithm	<i>e</i>
hectare	ha			catch per unit effort	CPUE
kilogram	kg			coefficient of variation	CV
kilometer	km	at	@	common test statistics	(F, t, χ^2 , etc.)
liter	L			confidence interval	CI
meter	m			compass directions:	correlation coefficient
milliliter	mL	east	E	(multiple)	R
millimeter	mm	north	N	correlation coefficient (simple)	r
Weights and measures (English)		south	S	covariance	cov
cubic feet per second	ft ³ /s	west	W	degree (angular)	°
foot	ft	copyright	©	degrees of freedom	df
gallon	gal	corporate suffixes:		expected value	<i>E</i>
inch	in	Company	Co.	greater than	>
mile	mi	Corporation	Corp.	greater than or equal to	≥
nautical mile	nmi	Incorporated	Inc.	harvest per unit effort	HPUE
ounce	oz	Limited	Ltd.	less than	<
pound	lb	District of Columbia	D.C.	less than or equal to	≤
quart	qt	et alii (and others)	et al.	logarithm (natural)	ln
yard	yd	et cetera (and so forth)	etc.	logarithm (base 10)	log
Time and temperature		exempli gratia		logarithm (specify base)	log ₂ , etc.
day	d	(for example)	e.g.	minute (angular)	'
degrees Celsius	°C	Federal Information Code	FIC	not significant	NS
degrees Fahrenheit	°F	id est (that is)	i.e.	null hypothesis	H ₀
degrees kelvin	K	latitude or longitude	lat or long	percent	%
hour	h	monetary symbols		probability	P
minute	min	(U.S.)	\$, ¢	probability of a type I error	
second	s	months (tables and figures): first three letters	Jan,...,Dec	(rejection of the null hypothesis when true)	α
Physics and chemistry		registered trademark	®	probability of a type II error	
all atomic symbols		trademark	™	(acceptance of the null hypothesis when false)	β
alternating current	AC	United States		second (angular)	"
ampere	A	(adjective)	U.S.	standard deviation	SD
calorie	cal	United States of America (noun)	USA	standard error	SE
direct current	DC	U.S.C.	United States Code	variance	
hertz	Hz			population sample	Var var
horsepower	hp				
hydrogen ion activity (negative log of)	pH				
parts per million	ppm	U.S. state	use two-letter abbreviations		
parts per thousand	ppt, ‰		(e.g., AK, WA)		
volts	V				
watts	W				

FISHERY MANAGEMENT REPORT NO. 20-14

**NORTH ALASKA PENINSULA COMMERCIAL SALMON ANNUAL
MANAGEMENT REPORT, 2019**

by

Reid H. Johnson
William Middleton
and

Robert L. Murphy

Alaska Department of Fish and Game, Division of Commercial Fisheries, Kodiak

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

April 2020

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.

*Reid H. Johnson
William Middleton
and
Robert L. Murphy
Alaska Department of Fish and Game, Division of Commercial Fisheries
351 Research Court, Kodiak, AK 99615, USA*

This document should be cited as follows:

Johnson, R. H., W. Middleton, and R. L. Murphy. 2020. North Alaska Peninsula commercial salmon annual management report, 2019. Alaska Department of Fish and Game, Fishery Management Report No. 20-14, 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

	Page
LIST OF TABLES.....	ii
LIST OF FIGURES.....	iii
LIST OF APPENDICES	iii
ABSTRACT	1
INTRODUCTION.....	1
Geography	1
North Alaska Peninsula	1
Alaska Peninsula and Bristol Bay Salmon Overlap Area	2
Gear	2
Regulatory Season.....	2
Inseason Management	3
Escapement Goals.....	3
Run Timing.....	3
HARVEST BY SPECIES.....	4
Chinook Salmon	4
Sockeye Salmon	4
Coho Salmon	4
Pink Salmon.....	5
Chum Salmon	5
ESCAPEMENT BY SPECIES.....	5
Chinook Salmon	5
Sockeye Salmon	5
Nelson River.....	6
Bear River.....	6
Sandy River	6
Ilnik River.....	6
Port Heiden	7
Coho Salmon	7
Pink Salmon.....	7
Chum Salmon	7
COMMERCIAL SALMON FISHERY SUMMARY	7
Northwestern District	8
Northern District.....	8
Black Hills Section	8
Nelson Lagoon Section.....	8
Bear River and Three Hills Sections.....	9
Ilnik Section.....	10
Outer Port Heiden Section	10
Inner Port Heiden and Cinder River Sections	11
Exvessel Value	11
EMERGENCY ORDERS.....	11
REFERENCES CITED	12

TABLE OF CONTENTS (Continued)

	Page
TABLES AND FIGURES.....	13
APPENDIX A. NORTH ALASKA PENINSULA SALMON ESCAPEMENT, 2019	119
APPENDIX B. NORTH ALASKA PENINSULA TEST FISHERY, 2019	151
APPENDIX C. SUMMARY OF NORTH ALASKA PENINSULA EXVESSEL VALUE	155

LIST OF TABLES

Table	Page
1. North Alaska Peninsula salmon runs by species, 1962–2019.	14
2. North Alaska Peninsula salmon harvest by species, week, and section, all gear combined, 2019.	19
3. Northern District Chinook salmon runs in number of fish, by section, 1962–2019.	24
4. Northern District sockeye salmon runs in number of fish, by section, 1962–2019.	32
5. Port Moller Bight, Bear River, Three Hills, and Ilnik sections combined salmon harvest by species and day, 2019.	40
6. North Peninsula coho salmon harvest in number of fish by district and section, 2009–2019.	42
7. Northwestern District pink salmon runs in number of fish, 1962–2019.....	43
8. Northern District chum salmon runs in number of fish, 1962–2019.	48
9. Northwestern District chum salmon runs in number of fish, 1962–2019.	56
10. Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Nelson River weir, 2019.	62
11. Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Bear River weir, 2019.	64
12. Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Sandy River weir, 2019.	66
13. Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Ilnik River weir, 2019.	67
14. Historical North Alaska Peninsula sockeye salmon escapements and escapement goals, 1988–2019.....	68
15. Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 2019.	70
16. Bear River sockeye salmon early- and late-run escapement, late-run commercial catch, and total Bear River late run by year, 1986–2019.	72
17. Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 2019.	73
18. Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 2019.....	76
19. Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 2019.	78
20. North Peninsula salmon harvest by species and day, 2019.	80
21. North Peninsula salmon harvest by district, statistical area, and section, 2019.....	82
22. Northwestern District sockeye salmon runs (number of fish), 1962–2019.	83
23. Emergency order summary for the North Alaska Peninsula commercial salmon fishery, 2019.	88
24. Nelson Lagoon Section salmon harvest by species and day, 2019.....	96
25. Bear River Section salmon harvest by species and day, 2019.....	98
26. North Alaska Peninsula salmon test fish and cost recovery catches, 2001–2019.....	100
27. Three Hills Section salmon harvest by species and day, 2019.	101
28. Ilnik Section salmon harvest by species and day, 2019.....	102
29. Outer Port Heiden Section salmon harvest by species and day, 2019.	104
30. Alaska Peninsula (Area M) and Bristol Bay (Area T) overlap area commercial salmon catch, in number of fish by gear and permit, 1975–2019.....	105

LIST OF FIGURES

1.	Map of Alaska Peninsula with North Peninsula commercial salmon fishing districts.	109
2.	North Alaska Peninsula from Moffet Point to Cape Menshikof, with selected commercial salmon fishing sections, season opening dates, and major sockeye salmon systems.....	110
3.	Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.	111
4.	North Alaska Peninsula commercial sockeye salmon harvest, 1988–2019.....	112
5.	Bear River, Three Hills, Ilnik and Outer Port Heiden sections commercial sockeye salmon harvest, 1988–2019.....	113
6.	North Alaska Peninsula sockeye salmon escapement, 1988–2019.	114
7.	Nelson Lagoon commercial sockeye salmon harvest, 1988–2019.	115
8.	Nelson Lagoon commercial sockeye salmon harvest by stat week, 2019.	116
9.	Port Moller to Cape Seniavin, Cape Seniavin to Stroganof Point, and Outer Port Heiden sockeye salmon catch by stat week, 2019.	117
10.	Number of permits fished in the Ilnik, Three Hills, Bear River, and Outer Port Heiden sections, 1987–2019.....	118

LIST OF APPENDICES

A1.	North Alaska Peninsula estimated total escapement for Chinook, sockeye, pink, and chum salmon, and peak escapement counts for coho salmon, 2019.....	120
A2.	North Alaska Peninsula aerial salmon surveys, 2019.....	124
B1.	Cost-recovery test fishery update for August 3, 2019.	152
B2.	Cost-recovery test fishery update for August 8, 2019.	153
C1.	Summary of commercial salmon fishing exvessel value, 1997-2019.....	156
C2.	Average weights and approximate exvessel prices for salmon in the Alaska Peninsula, Aleutian Islands, and Atka-Amlia areas, 1988-2019.	159
C3.	Estimated exvessel value of North Alaska Peninsula commercial salmon fishery by gear type, 2019.	160

ABSTRACT

This report is a summary of the 2019 season and historical data concerning management of the commercial salmon fisheries of the Northwestern and Northern districts of the North Alaska Peninsula in the Alaska Peninsula Management Area (Area M). Most commercial salmon fishing effort on the North Alaska Peninsula targeted sockeye salmon *Oncorhynchus nerka*. The 2019 commercial salmon harvest on the North Alaska Peninsula was 3,874 Chinook *O. tshawytscha*, 2,400,781 sockeye, 42,448 coho *O. kisutch*, 578,038 pink *O. gorbuscha*, and 231,144 chum *O. keta* salmon. The North Peninsula Chinook salmon harvest was above the 10-year average of 2,021 fish. The sockeye salmon harvest in the Northern District of 2,395,165 fish was above the 2009–2018 average harvest of 2,042,729 fish. Of the Northern District harvest, 99% of sockeye salmon (2,393,847 fish) were harvested in the sections between Nelson Lagoon and Outer Port Heiden. The North Alaska Peninsula chum salmon harvest of 231,144 fish was above the 10-year average of 172,181 fish, with nearly all (185,872 fish) of the harvest occurring in the Northwestern District. In the Northern District, chum salmon harvest was largely incidental to targeted sockeye salmon fisheries. The total exvessel value of all North Peninsula fisheries is estimated to be \$21.3 million. The majority of the value of the North Peninsula fisheries is made up of sockeye salmon harvested in the Northern District (\$20.1 million).

Total sockeye salmon escapement for North Alaska Peninsula streams was 1,095,225 fish, slightly below the 2009–2018 average of 1,218,398 fish. Approximately 69% of the sockeye salmon escapement occurred in the Northern District's 4 systems in which sockeye salmon escapements are enumerated with weirs (Nelson, Bear, Sandy, and Ilnik rivers).

Key words: North Alaska Peninsula, Area M, Northern District, Northwestern District, commercial fisheries, annual management report, AMR, salmon harvest, salmon escapement, SEG, BEG, Chinook salmon, *Oncorhynchus tshawytscha*, sockeye salmon, *Oncorhynchus nerka*, coho salmon, *Oncorhynchus kisutch*, pink salmon, *Oncorhynchus gorbuscha*, chum salmon, *Oncorhynchus keta*

INTRODUCTION

The purpose of this report is to document catch and escapement data, and to provide commercial salmon fishermen, buyers, and interested parties a context with which to compare the 2019 North Alaska Peninsula commercial salmon catch and escapement with historical information. Subsistence harvests and fish kept for personal use (home pack) are not included in this report; information regarding the 2018 subsistence and personal use harvests are instead reported for the entirety of area M in the 2019 South Alaska Peninsula salmon annual management report (Fox and Whiteside *In prep*). Reporting of subsistence harvest lags 1 year behind reporting of commercial harvests because subsistence permits are often not returned by users until well into the following year. The salmon harvest estimates reported in this document were summarized from the fish ticket database on December 15, 2019. Unless otherwise noted, catch reporting in this report does not include personal use, subsistence, or test fish catches. Data published in this report supersede any data previously published.

GEOGRAPHY

North Alaska Peninsula

The North Alaska Peninsula portion of the Alaska Peninsula Management Area (Area M) includes those waters of the Alaska Peninsula from Cape Sarichef to Cape Menchikof and consists of 2 districts: the Northwestern District, which includes all waters between Cape Sarichef and Moffet Point, and the Northern District, which includes all waters between Moffet Point and Cape Menchikof (Figure 1). The Nelson Lagoon to Outer Port Heiden region, which encompasses most of the Northern District, is the primary sockeye salmon *Oncorhynchus nerka* harvest area on the North Alaska Peninsula and includes the Nelson Lagoon, Bear River, Three Hills, Ilnik, and Outer

Port Heiden sections (Figure 2). In addition to these sections, smaller directed commercial salmon fisheries occur in other areas of the North Alaska Peninsula.

Alaska Peninsula and Bristol Bay Salmon Overlap Area

The Alaska Peninsula Management Area (Area M) and Bristol Bay Management Area (Area T) overlap; the overlap area consists of the Cinder River Section, Inner Port Heiden Section, and Ilnik Lagoon (Figure 3; 5 AAC 39.120(d); ADF&G 2019). The overlap area was created shortly after statehood to allow Area T permit holders the opportunity to fish within their traditional harvest locations of Area M. Historically, when not participating in the Bristol Bay sockeye salmon fisheries, Port Heiden Area T permit holders fished for Chinook *O. tshawytscha* and coho *O. kisutch* salmon in the Inner Port Heiden Section, and Area T permit holders from Pilot Point fished inside the Cinder River Section for Chinook and coho salmon.

Since 1985, most of the effort in the Cinder River Section has been from Area T permit holders. Prior to 2013, Area T permit holders were allowed to fish during the open season in the Inner Port Heiden and Cinder River sections, except during the month of July. In 2013, the Alaska Board of Fisheries (BOF) allowed Area T permit holders to fish in the Inner Port Heiden Section and the inner portion of the Cinder River Section during all months of the commercial fishing season. Area T permit holders are also allowed to fish in Ilnik Lagoon during August and September. In 1986, Area T fishermen started fishing in the Ilnik and Outer Port Heiden sections. In 1990, the board excluded Area T permit holders from the Ilnik Section (except inside Ilnik Lagoon during August and September) and closed the Outer Port Heiden Section in August and September to all commercial salmon fishing by both Area M and Area T permit holders, because of concern over potential interception of coho salmon bound for Inner Port Heiden (Meshik River). Since the turn of the last century, commercial fishing effort in the overlap area has been minimal for both Area M and Area T permit holders.

GEAR

Purse seine, hand purse seine, drift gillnet, and set gillnet are legal gear types in the Northwestern District (5 AAC 09.330(b)). In the Northern District, commercial salmon fishing is permitted with purse seine, drift gillnet, and set gillnet gear; however, within-section gear restrictions exist. For example, the Nelson Lagoon Section is open to drift and set gillnet gear only. In the Northern District, drift gillnet is by far the most widely used gear. In the Northwestern District, use of purse seine permits equals or exceeds drift gillnet gear in some years.

REGULATORY SEASON

The commercial salmon season opens in most of the Northwestern District on June 1 and in most of the Northern District on May 1 (5 AAC 09.310). The Three Hills Section may open to commercial salmon fishing on June 25. In the Ilnik Section, fishing may be allowed on June 20 if sockeye salmon escapement meets or exceeds interim escapement objectives. A portion of the Outer Port Heiden Section may open to commercial salmon fishing beginning on June 20, but only if sockeye salmon escapement in the Meshik River is sufficient. Management action may also be taken in the Ilnik and Outer Port Heiden sections for conservation of Ugashik River sockeye salmon, if that portion of the Egegik District specified in 5 AAC 06.359(c) is closed for the conservation of Ugashik River sockeye salmon in the Bristol Bay Management Area.

INSEASON MANAGEMENT

While the earliest opening dates are established by regulation and modified by emergency orders, actual fishing time in North Alaska Peninsula fisheries is based on inseason evaluation of local stock abundance and escapement objectives. Sockeye salmon are the primary species targeted for harvest, and Nelson and Bear rivers are the largest sockeye salmon producing systems. Between June 1 and September 15, within the Nelson Lagoon to Port Heiden region, management emphasis is on 5 sockeye salmon systems: Nelson, Bear, Sandy, Ilnik, and Meshik rivers (Murphy and Johnson 2019). Alaska Department of Fish and Game (ADF&G) operates weir camps on the Nelson, Bear, Sandy, and Ilnik rivers that provide daily escapement counts used to manage commercial fisheries. Aerial surveys from a fixed-wing aircraft are used to enumerate salmon in systems that do not have weirs.

ESCAPEMENT GOALS

Weir counts and aerial surveys are used to estimate escapement.¹ For river systems with established escapement goals, there are 2 types of goals used to characterize the run. A biological escapement goal (BEG) is used when the following conditions are met: 1) a sufficient time series of escapement and total return estimates are available, 2) contrast in the escapement data is sufficiently large, and 3) the estimates are sufficiently accurate and precise (Schaberg et al. 2019). Using these criteria, systems assigned a BEG are managed for escapements providing the greatest potential for maximum sustained yield. A sustainable escapement goal (SEG), on the other hand, is used when total return estimates are not available because stock-specific harvest or age was not consistently measured (Schaberg et al. 2019). Methods used to develop SEGs include the percentile approach and risk analysis models (Schaberg et al. 2019). As defined by the Sustainable Salmon Fisheries Policy (SSFP; 5 AAC 39.222), a SEG is a level of escapement indicated by an index or escapement estimate that is known to provide for sustained yield over a 5- to 10-year period and is used in situations where a BEG cannot be estimated or managed for due to the absence of a stock-specific catch estimate.

The commercial salmon fisheries on the North Alaska Peninsula are managed using escapement goals developed using the aforementioned criteria and methods. The inseason escapement at each system with an established goal determines how the fisheries are managed.

RUN TIMING

The timing of sockeye salmon returning to North Alaska Peninsula streams varies by system and stock, but the majority of the sockeye salmon runs occur from early June to late July. Local sockeye salmon stocks are managed from the northern side of Unimak Island to the Cinder River region in specific areas from June through September. The Nelson River sockeye salmon run begins in early June, peaks in early July, and is over by mid-August (Murphy and Hartill 2009). Bear River supports 2 distinct sockeye salmon runs: an early run that begins in early June, peaks in early July, and ends in late July; and a late run that starts in late July, peaks in mid-August, and ends in September (Ramstad 1998). The Sandy, Ilnik, Meshik, and Cinder rivers run timing closely

¹ The Sustainable Salmon Fisheries Policy (5 AAC 39.222) defines escapement as the annual estimated size of the spawning salmon stock; quality of the escapement may be determined not only by numbers of spawners, but also by factors such as sex ratio, age composition, temporal entry into the system, and spatial distribution within the salmon spawning habitat.

parallels the Bear River early run, beginning in early June and ending in late July (Murphy and Hartill 2009).

HARVEST BY SPECIES

CHINOOK SALMON

Historically, the vast majority of Chinook salmon harvest occurred in the Northern District incidental to sockeye salmon fisheries, although periodically there are directed fisheries. The 2019 North Alaska Peninsula commercial Chinook salmon harvest of 3,874 fish was almost double the 10-year average of 2,021 fish (Table 1). In 2019, the Chinook salmon harvest of 1,799 fish in the Nelson Lagoon Section was above the 10-year average of 654 fish (Tables 2 and 3). The Bear River Section harvest of 186 Chinook salmon occurred incidentally to the sockeye salmon fisheries and was below the 10-year average of 449 fish (Table 3). The Three Hills and Ilnik sections combined harvest of 1,387 Chinook salmon was above the 10-year average of 491 fish (Table 3). The Outer Port Heiden Section had a harvest of 499 Chinook salmon (Table 2), which was above the 10-year average of 369 fish (Table 3).

SOCKEYE SALMON

The 2019 North Alaska Peninsula sockeye salmon harvest of 2,400,781 fish (Table 1) was above the 10-year average harvest of 2,148,813 fish as well as the 20-year average harvest of 2,130,928 fish (Figure 4). The 2019 harvest was comparable to the preseason projected harvest of 2,400,000 sockeye salmon (Table 1; Murphy and Johnson 2019). The 2019 peak weekly harvest for sockeye salmon on the North Alaska Peninsula occurred from July 5 to July 11, when 164 permit holders caught 503,243 fish (Table 2).

Most of the sockeye salmon harvest occurred in the Northern District in the Nelson Lagoon, Bear River, Three Hills, Ilnik, and Outer Port Heiden sections (Figures 1 and 2). The Nelson Lagoon harvest in 2019 was 83,879 fish, which was below the 10-year average harvest of 205,524 fish (Table 4). The Nelson Lagoon harvest made up approximately 3% of the total North Alaska Peninsula sockeye salmon harvest. The combined Port Moller Bight, Bear River, Three Hills, and Ilnik sections total harvest was 1,782,625 fish (Table 5), and the Outer Port Heiden Section had a harvest of 527,343 fish (Table 4). The combined Port Moller Bight, Bear River, Three Hills, Ilnik and Outer Port Heiden sections accounted for approximately 96% (2,309,968 fish; Table 2) of the North Alaska Peninsula harvest. Of that harvest, the Ilnik Section had 66% (1,529,368 fish), the Outer Port Heiden Section accounted for about 23% (527,343 fish), the Bear River Section had approximately 7% (159,481 fish), and the Three Hills Section had 4% (93,776 fish; Table 4). The percentage of harvest in the Bear River Section in 2019 was below the most recent 10-year average (18%). The percentage of commercial catch in the Three Hills Section was comparable to the most recent 10-year average (6%). The percentage of commercial catch in the Ilnik Section was above the most recent 10-year average of 42%. The percentage of harvest caught in the Outer Port Heiden Section was below the 10-year average of 34% (Figure 5).

COHO SALMON

The 2019 North Alaska Peninsula coho salmon harvest of 42,448 fish was below the 2009–2018 average harvest of 55,937 fish (Table 1). Approximately 32% (13,653 fish) of the coho salmon harvest came from the Nelson Lagoon Section, and 32% of the harvest (13,581 fish) came from the Ilnik Section (Table 6). The remaining Northern District sections had approximately 25% of

the harvest (10,502 fish). The Northwestern District accounted for 11% of the harvest (4,712 fish; Table 6). The Nelson Lagoon Section typically has the largest harvest, followed by either the Bear River or Ilnik sections—a trend which continued during the 2019 season.

PINK SALMON

The 2019 North Alaska Peninsula pink salmon harvest of 578,038 fish was above the 2009–2018 even-year average harvest of 82,585 fish (Table 1). Pink salmon harvested in the Northern District are caught incidental to fisheries for other salmon species. Most of the pink salmon harvest traditionally occurs in the Northwestern District, a trend which continued in 2019, with 460,354 fish harvested in the Northwestern District (Table 7).

CHUM SALMON

The 2019 North Alaska Peninsula chum salmon *Oncorhynchus keta* harvest of 231,144 fish was above the 10-year average harvest of 172,181 fish (Table 1). In the Northern District, the harvest of 45,272 fish was below the 10-year average of 54,149 fish (Table 8). The majority of the chum salmon harvest in the Northern District occurred in the Three Hills and Ilnik sections (23,704 fish; Tables 2 and 8). The Northwestern District chum salmon harvest of 185,872 fish was above the 10-year average of 118,031 fish. Nearly all Northwestern District chum salmon harvested during the 2019 season were harvested in the Izembek–Moffet Bay Section (131,357 fish), and the harvest was above the 10-year average harvest of 102,228 fish (Table 9).

ESCAPEMENT BY SPECIES

CHINOOK SALMON

The 2019 North Alaska Peninsula estimated total Chinook salmon escapement of 21,327 fish was above the 10-year average of 10,650 fish (Table 1). During the 2019 season, 12,163 Chinook salmon passed the Nelson River weir (Table 10; Appendix A1). The 2019 Nelson River Chinook salmon escapement exceeded the BEG range of 2,400–5,000 fish (Schaberg et al. 2019). Nelson River is the only river on the North Alaska Peninsula with a Chinook salmon escapement goal. The combined King Salmon, Bear, and Sandy rivers (Bear River Section) estimated Chinook salmon escapement was 2,509 fish, which was above the 10-year average of 1,541 fish (Table 3; Appendix A1). The Bear River and Sandy River weir counts (Tables 11 and 12) do not accurately reflect the total escapement of Chinook salmon because most of the fish spawn below the weir sites or in downstream tributaries. There were 30 Chinook salmon that passed the Ilnik River weir in 2019 (Table 13). The Chinook salmon escapement of 3,575 fish into the Inner Port Heiden Section (Meshik River, Birthday Creek, and Barbara Creek) was above the 10-year average of 2,088 fish (Table 3; Appendix A1). In the Cinder River Section, 1,100 Chinook salmon were documented, which was below the 10-year average of 2,537 fish (Table 3; Appendix A1).

SOCKEYE SALMON

The 2019 North Alaska Peninsula estimated total sockeye salmon escapement of 1,095,225 fish, which included weir and aerial survey counts, was below the 10-year average estimated escapement of 1,218,398 fish (Table 1; Figure 6). The combined North Alaska Peninsula sockeye salmon escapement goal range is 580,500–1,081,000 fish for systems with established goals (Schaberg et al. 2019). The systems with an SEG are Christianson Lagoon (25,000–50,000 fish), North Creek (7,500–10,000 fish), Bear River (early run 176,000–293,000 fish; late run

117,000–195,000 fish; or combined 293,000–488,000 fish), Sandy River (34,000–74,000 fish), Ilnik River (40,000–60,000 fish), Meshik River (48,000–86,000 fish), and Cinder River (36,000–94,000 fish; Schaberg et al. 2019). Nelson River is the only system on the North Alaska Peninsula with a BEG (97,000–219,000 fish; Schaberg et al. 2019). The systems most often considered in management decisions and the historical escapements and goal ranges are detailed in Table 14. In 2019, 5 systems exceeded their escapement goals: North Creek in the Black Hills section (11,000 fish), Bear River (500,000 fish), Ilnik River (75,000 fish), Meshik River (107,200 fish), and Cinder River (95,775 fish; Table 14; Appendix A1). All other systems met their escapement goals.

Nelson River

In 2019, 128,000 sockeye salmon escaped into streams in the Nelson Lagoon Section (Table 4); this included 115,000 fish returning to Nelson River, 6,800 fish returning to David’s River, and 6,200 fish returning to Caribou River (Appendix A1). The Nelson River weir sockeye salmon escapement of 115,000 fish met the escapement goal of 97,000–219,000 fish and was below the 10-year average of 211,430 fish (Tables 14 and 15; Schaberg et al. 2019). The peak daily escapement (6,748 fish) at the Nelson River weir occurred on July 13 (Table 15).

Nelson River is the only North Alaska Peninsula river system that has a female sockeye salmon escapement objective. In the past, high numbers of female sockeye salmon have been harvested in the commercial fishery, reducing the quality of escapement. To account for this, the proportion of female fish passing the weir is determined through periodic sampling. That proportion is then extrapolated to account for the entire day’s escapement. When the weir was removed on July 27, it was estimated that about 40,528 female sockeye salmon (37% of the escapement to date) had passed the weir, just short of the management escapement objective of 50,000–110,000 female fish (Murphy and Johnson 2019).

Bear River

Bear River has early- and late-run sockeye escapement goals because the river is recognized as having 2 distinct temporally separated runs. In 2019, the Bear River early run (before August 1) exceeded the escapement goal of 176,000–293,000 fish, with an escapement of 294,727 fish; and the late run (after July 31) exceeded the escapement goal of 117,000–195,000 fish, with an escapement of 205,273 fish (Table 16; Schaberg et al. 2019). The largest daily escapement at the weir in 2019 occurred on July 10 when 16,970 fish were counted (Table 17).

Sandy River

The total 2019 Sandy River sockeye salmon escapement of 71,000 fish met the escapement goal range of 34,000–74,000 fish and was comparable to the 10-year average escapement of 70,460 fish (Tables 14 and 18; Schaberg et al. 2019). The largest daily escapement at the Sandy River weir occurred on July 11 when 5,353 fish were counted (Table 18).

Ilnik River

In 2019, a total of 75,000 sockeye salmon passed the Ilnik River weir (Table 19, Appendix A1). The total Ilnik River escapement exceeded the escapement goal of 40,000–60,000 fish and was below the 10-year average of 80,800 fish (Table 14; Schaberg et al. 2019). The largest daily escapement at the Ilnik River weir occurred on June 14 when 6,503 fish passed the weir (Table 19).

Port Heiden

The majority of sockeye salmon escapement in Port Heiden is made up of fish spawning in Meshik River. Escapement into Meshik River and its tributaries are determined by aerial surveys. In 2019, 107,200 fish were documented in the Meshik River (including Red and Yellow Bluff Creek) exceeding the escapement goal of 36,000–94,000 fish (Appendix A1 and A2; Schaberg et al. 2019). This was comparable to the 10-year average of 105,044 fish (Table 14).

COHO SALMON

Due to time and logistical constraints, coho salmon surveys are conducted before the peak of area coho salmon runs. Actual escapement into streams on the North Peninsula is likely much greater than what is observed by aerial survey. Nelson and Ilnik rivers are the only rivers on the North Alaska Peninsula that have a coho salmon lower-bound SEG. At Nelson River, the peak escapement estimate of 23,000 fish (determined by aerial surveys) exceeded the goal of 18,000 fish (Appendix A1; Schaberg et al. 2019). In 2019, a total of 24,000 fish were observed in the Ilnik River (Appendix A1). The peak escapement estimate of 24,000 fish for the Ilnik River system far exceeded the escapement goal of 9,000 fish (Schaberg et al. 2019). Some of the larger estimated escapements occurred in the Meshik River (52,000 fish), Cinder River (42,000 fish), and Lawrence Valley (9,300 fish; Appendix A1).

Approximately 168,800 coho salmon were documented by aerial surveys in 16 North Alaska Peninsula streams during 2019 (Appendix A1 and A2).

PINK SALMON

Odd-numbered year pink salmon escapements are typically less than even-numbered year escapements on the Alaska Peninsula. The 2019 North Alaska Peninsula estimated total pink salmon escapement of 285,278 fish was above the 10-year odd year average of 153,694 fish (Table 1; Appendix A1). The majority of the pink salmon escapement occurred in the Northwestern District (202,200 fish; Appendix A1), accounting for 71% of the total escapement for the North Peninsula.

CHUM SALMON

The North Alaska Peninsula has 2 aggregated chum salmon escapement goals: 1 for the Northern District and 1 for the Northwestern District. In 2019, the Northern District chum salmon escapement of 208,397 fish met the escapement goal of 119,600–239,200 fish (Table 8; Appendix A1; Schaberg et al. 2019). Historically, the Herendeen–Moller Bay Section has the largest chum salmon run in the Northern District. In 2019, Herendeen and Moller bays accounted for about 46% of the total Northern District chum salmon escapement (95,050 fish; Table 8). The remaining chum salmon escapement in the Northern District is shown in Table 8. The Northwestern District chum salmon escapement of 136,700 fish met the goal of 100,000–215,000 fish and was above the previous 10-year average of 118,580 fish (Table 9; Schaberg et al. 2019). The aggregate North Alaska Peninsula estimated chum salmon escapement of 345,097 fish was above the 10-year average of 286,310 fish (Table 1).

COMMERCIAL SALMON FISHERY SUMMARY

The majority of the North Alaska Peninsula commercial fishing effort targeting sockeye salmon occurred in the Nelson Lagoon, Bear River, Three Hills, Ilnik, and Outer Port Heiden sections in

the Northern District. Fishing effort in the Northwestern District targeted pink chum salmon, with sockeye salmon harvested only incidentally. A complete listing of all commercial salmon harvested by day on the North Peninsula can be found in Table 20.

NORTHWESTERN DISTRICT

During the 2019 Northwestern District commercial salmon fishery, a total of 3 Chinook, 5,616 sockeye, 4,712 coho, 460,354 pink, and 185,872 chum salmon were harvested (Table 21). The Northwestern District has only a few sockeye salmon-producing systems and receives less commercial fishing effort than the Northern District. The 2019 sockeye salmon harvest in the Northwestern District of 5,616 fish was below the 10-year average harvest of 39,828 fish (Table 22). The chum salmon harvest of 185,872 fish in 2019 was above the 10-year average harvest of 118,031 fish (Table 9). The pink salmon harvest of 460,354 fish was above the 2009–2018 odd-year average of 79,510 fish (Table 7). Traditionally, chum salmon are the most harvested species in the Northwestern District, followed by sockeye salmon; however, in 2019, seiners in the Bechevin Bay section targeted pink salmon.

NORTHERN DISTRICT

The total Northern District sockeye salmon harvest of 2,395,165 fish was above the 10-year average of 2,042,729 fish (Table 4). Harvests of sockeye salmon in the Northern District have been trending down since 2017 but are still above average.

Black Hills Section

The Black Hills Section may open to commercial salmon fishing on May 1 (5 AAC 09.310 (a)(10)). Typically, harvest effort in the Black Hills Section only occurs when other fishing areas are closed. In 2019, 9 permit holders harvested 1,318 sockeye and 486 chum salmon in the Black Hills Section (Table 2). Regularly scheduled weekly fishing periods occurred throughout the fishing season. The sockeye salmon harvest was below the 10-year average of 26,551 fish (Table 4). The chum salmon harvest was well below the 10-year average of 15,779 fish (Table 8). Confidentiality rules prohibit the reporting of harvest by date in the Black Hills Section.

Nelson Lagoon Section

The Nelson Lagoon Section may open to commercial salmon fishing on May 1 (5 AAC 09.310 (a)(8)). Fishing times are based on the evaluation of the Nelson River sockeye salmon stocks from mid-June to mid-August (5 AAC 09.369 (e)(2)). During the 2019 commercial salmon fishing season, the Nelson Lagoon Section was open during regularly scheduled weekly fishing periods throughout the season, with extensions occurring weekly (Tables 23 and 24). The total Nelson River system run, consisting of the Nelson Lagoon Section harvest and escapements of all Nelson River tributaries, was 211,879 sockeye salmon (Table 4). A total of 28 permit holders harvested 83,879 sockeye salmon (Table 24), which was below the 10-year average harvest of 205,524 fish (Table 4; Figure 7). The first day of salmon harvest in the Nelson Lagoon Section occurred on June 10 and the last day was September 10. The peak daily catch was on July 4 when 20 permit holders harvested 5,291 sockeye salmon (Table 24). The largest weekly harvest in Nelson Lagoon occurred between July 12 and July 18 when 18,880 sockeye salmon were harvested (Table 2; Figure 8).

After August 15, the Nelson Lagoon Section is managed based on coho salmon run strength at Nelson River. A total of 13,653 coho salmon were harvested in the Nelson Lagoon Section during 2019, which was below the recent 10-year average of 30,733 fish (Table 6).

Bear River and Three Hills Sections

By regulation, the Bear River Section may open to commercial salmon fishing on May 1, and the Three Hills Section may open on June 25 (5 AAC 09.310 (a)(4)(5)). Fishing times in the Bear River and Three Hills sections are based on the evaluation of the sockeye salmon stocks of the Bear and Sandy rivers through June and July (Murphy and Johnson 2019).

In 2019, the Bear River sockeye salmon early run was approximately 1 week late. Interim escapement objectives were not met at Bear River until July 10, after which all objectives were met for the remainder of the season. The Sandy River sockeye salmon run was also 1 week late, and interim escapement objectives were not met until July 10. Management actions were taken throughout the season to ensure the season ending escapement goal at Sandy River of 34,000–74,000 fish was ultimately met, with a total of 71,000 fish past the weir. Commercial fishing was allowed in early June in the Bear River Section, but only minimal harvest effort occurred. Between June 20 and July 16, commercial fishing was closed in the Bear River Section while the run built in strength. Starting June 25, the Three Hills Section was closed as well in order to allow the run to build. Commercial fishing occurred from July 16 through July 31 in both the Bear River and Three Hills sections. The Bear River and Three Hills sections were both closed July 31 in order to allow the Bear River late run to develop (Table 25). The late Bear River sockeye salmon run begins August 1. Traditionally a test or cost-recovery fishery is conducted in early August, and in 2019 a combination cost-recovery and test fishery occurred on both August 3 and August 7 (Table 25; Appendix B1). The results of the first test/cost-recovery fishery did not indicate that there was a harvestable surplus; only 3,758 sockeye salmon were harvested over the course of the day. The second test/cost recovery fishery occurred on August 7, and a total of 5,139 sockeye salmon were harvested over the course of a day (Tables 25 and 26; Appendices B1 and B2). Subsequently, the commercial fishery in the Bear River, Three Hills, and Ilnik sections opened on August 8, with 1,000-yard markers around the mouth of Bear River to protect milling fish (Table 23). On August 12, fishing was allowed up to the stream terminus at the ocean shoreline of Bear River until the end of the season.

Harvest in the Bear River Section occurred from June 10 to September 8 (Table 25). A total of 85 permit holders harvested 159,481 sockeye salmon, which was below the 10-year average harvest of 327,783 fish (Tables 4 and 25). The largest weekly harvest in the Bear River Section of 41,273 sockeye salmon occurred between August 9 and August 15 (Table 2; Figure 9). The largest daily harvest of 12,808 sockeye salmon occurred on June 20 (Table 25). The total late-run harvest of 233,390 sockeye salmon (which includes harvests made in the Port Moller Bight, Three Hills, and Ilnik sections after August 1) was comparable to the most recent 10-year average of 227,905 fish, whereas the late-run escapement (205,273 fish) was above the most recent 10-year average of 174,316 fish (Table 16).

Harvest in the Three Hills Section occurred from July 16 until August 30. A total of 93,776 sockeye salmon were harvested by 86 permit holders (Tables 4 and 27). The 2019 sockeye salmon harvest was below the most recent 10-year average of 128,923 fish (Table 4).

Ilnik Section

The Ilnik Section may open to commercial salmon fishing on June 20, depending on escapement levels in the Ilnik and Meshik rivers (5 AAC 09.369(j)(1)(A)). Management of the Ilnik Section northeast of Unangashak Bluffs is based on the Ilnik River weir escapement and Meshik River sockeye salmon escapement (as determined by aerial surveys). In that portion of the Ilnik Section southwest of Unangashak Bluffs, management actions are based on Ilnik River weir escapement levels from June 20 to July 20. Between July 21 and August 15, the management of the Ilnik Section is based on the abundance of Bear River sockeye salmon stocks (Murphy and Johnson 2019).

In 2019, Ocean River played a role in the management of the Ilnik Section. Ocean River, normally a tributary of the Ilnik River, often changes course over the winter, sometimes emptying into the Bering Sea near the Ilnik/Three Hills dividing line. In 2019, Ocean River ran parallel to the beach for several miles before emptying into Ilnik River. When this occurs fish can mill on the coast at the border of the Three Hills and Ilnik sections looking for the entrance to Ocean River, before traveling up the coast and into Ilnik Lagoon and finally into Ocean River. As a precautionary measure, that portion of the Ilnik Section located west of 159° 46' W long was closed to commercial salmon fishing until July 8 when it was reopened after it became apparent that Ocean River would achieve adequate escapement.

A total of 141 permit holders harvested 1,529,368 sockeye salmon in the Ilnik Section (Table 28). About 71% of the harvest (1,083,673 sockeye salmon) occurred in Northeast Ilnik, and 29% (445,695 sockeye salmon) were harvested in Southwest Ilnik (Table 21; Figure 2). The peak daily catch was on July 18 when 91,545 sockeye salmon were harvested (Table 28). The largest weekly harvest occurred between July 12 and July 18 when 340,035 sockeye salmon were harvested (Table 2).

After August 15, by regulation, the Ilnik Section is managed on the basis of coho salmon runs into Ilnik Lagoon. In 2019 a total of 13,581 coho salmon were harvested in the Ilnik Section (Table 6).

Ilnik Lagoon, located within the Ilnik Section, is part of the Area M/Area T overlap. A small amount of commercial salmon fishing effort occurred inside Ilnik Lagoon in 2019. For reporting purposes, all harvests in Ilnik Lagoon have been included in the southwest portion of the Ilnik Section (Table 21).

Outer Port Heiden Section

By regulation, the Outer Port Heiden Section may open to commercial salmon fishing from June 20 through July 31. Fishing time in the Outer Port Heiden Section is based on Meshik River sockeye salmon abundance unless management actions are taken for the conservation of Ugashik River sockeye salmon in the Egegik District (Murphy and Johnson 2019).

The weekly fishing period in the Outer Port Heiden Section allows two and one-half days of fishing time per week. Commercial salmon fishing opened in the Outer Port Heiden section on June 22 for the first two-and-one-half-day fishing period. Two and one-half days of fishing time were allotted per week until July 31 when the Outer Port Heiden Section closed for the season (Table 23). A total of 109 permit holders harvested 527,343 sockeye salmon from the Outer Port Heiden Section (Table 29). The peak daily catch was on July 8 when 68 permit holders harvested 69,244 sockeye salmon (Table 29). The largest weekly harvest of 194,301 sockeye salmon occurred between July 5 and July 11 (Table 2; Figure 9). The number of permit holders fishing in

the Outer Port Heiden Section in 2019 was comparable to the previous five years (Figure 10), and the sockeye salmon harvest was comparable to the 10-year average of 522,647 fish (Table 4).

Inner Port Heiden and Cinder River Sections

The Inner Port Heiden and Cinder River sections are both part of the Area M/Area T overlap. There was no commercial fishing effort in the Inner Port Heiden Section in 2019, or in the Cinder River Section. Commercial fishing effort has not significantly or consistently occurred in either the Inner Port Heiden or Cinder River sections since the late 1990s. Table 30 provides historical harvest data for the Area M/Area T overlap area.

EXVESSEL VALUE

Appendix C provides a brief summary of exvessel values of the 2019 North Alaska Peninsula commercial salmon fisheries.

The total exvessel value of the 2019 North Alaska Peninsula fisheries is estimated to be \$21,341,652, well above the recent 10-year average of \$11,628,455 (Appendix C1). During 2019 sockeye salmon sold for an average price of \$1.56 per pound, and Chinook salmon sold for \$1.29 per pound, higher than the most recent 10-year averages of \$0.94 and \$1.18 respectively (Appendix C2). The price per pound of coho salmon (\$0.32) was less than the most recent 10-year average price per pound of \$0.41 (Appendix C2). Pink salmon were only incidentally harvested on the North Peninsula during 2019. Chum salmon were bought by processors for an average of \$0.41 per pound, which was above the most recent 10-year average of \$0.34 (Appendix C2).

Sockeye salmon made up the majority of the value of the fishery, totaling \$20,125,888, or approximately 94% the total value (Appendix C3). Chum and pink salmon were the next most valuable species, at \$630,233 and \$420,607 respectively (Appendix C1). Targeted coho salmon fisheries occurred in 2019, however small run sizes resulted in minimal harvests, and the total exvessel value of coho salmon harvested during 2019 was only \$89,025.

Drift gillnet permits in the Northern District caught \$19,731,270 worth of salmon, accounting for 92% of the total value of the North Alaska Peninsula fishery. Purse seiners in the Northwestern District accounted for \$831,999 (4% of total exvessel value), and set gillnet permits in the Northern District accounting for \$718,548 (3%) of the value (Appendix C3).

EMERGENCY ORDERS

In 2019, there were a total of 42 emergency orders issued concerning North Alaska Peninsula salmon fisheries (Table 23). The first emergency order for the North Alaska Peninsula was issued on June 18 and the last on September 1. Emergency orders for North Alaska Peninsula fisheries were issued from the regional Alaska Department of Fish and Game offices in Port Moller for the Northern District, and in Sand Point for the Northwestern District in 2019.

REFERENCES CITED

- ADF&G. 2019. 2019–2021 Alaska Peninsula, Atka–Amlia Islands, Aleutian Islands, and Chignik Areas Commercial Salmon Fishing Regulations. Alaska Department of Fish and Game, Juneau. Available from http://www.adfg.alaska.gov/static-f/regulations/fishregulations/pdfs/commercial/akpen_aleutians_2019_2021.pdf (Accessed April 2020).
- Fox, E. K. C., and C. J. Whiteside. *In prep.* South Alaska Peninsula salmon annual management report, 2019 and the 2018 subsistence fisheries in the Alaska Peninsula, Aleutian Islands, and Atka-Amlia Islands management areas. Alaska Department of Fish and Game, Regional Information Report, Kodiak.
- Murphy, R. L., and T. Hartill. 2009. The North Alaska Peninsula salmon report to the Alaska Board of Fisheries, 2010. Alaska Department of Fish and Game, Fishery Management Report No. 09-53, Anchorage.
- Murphy, R. L., and R. H. Johnson. 2019. North Alaska Peninsula salmon management plan, 2019. Alaska Department of Fish and Game, Regional Information Report No. 4K19-07, Anchorage.
- Ramstad, K. 1998. Morphological, life history, and genetic comparison of early and late run sockeye salmon (*Oncorhynchus nerka*) of Bear Lake, Alaska. Master's Thesis, University of Washington, Seattle.
- Schaberg, K. L., H. Finkle, M. B. Foster, A. St. Savior, and M. L. Wattum. 2019. Review of salmon escapement goals in the Alaska Peninsula and Aleutian Islands Management Areas, 2018. Alaska Department of Fish and Game, Fishery Manuscript No. 19-01, Anchorage.

TABLES AND FIGURES

Table 1.—North Alaska Peninsula salmon runs by species, 1962–2019.

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1962	Catch	5,400	249,700	35,200	31,200	34,900	356,400
	Escapement ^a	4,400	351,200		4,000	150,900	
	Total	9,800	600,900		35,200	185,800	
1963	Catch	3,600	225,200	40,500	6,900	49,900	326,100
	Escapement ^a	6,200	351,000		4,400 ^b	203,200	
	Total	9,800	576,200		11,300 ^b	253,100	
1964	Catch	3,600	250,800	36,600	6,800	139,000	436,800
	Escapement ^a	25,900	419,900		15,100	156,100	
	Total	29,500	670,700		21,900	295,100	
1965	Catch	6,100	199,500	34,500	2,100	69,700	311,900
	Escapement ^a	22,100	238,400		900	49,300	
	Total	28,200	437,900		3,000	119,000	
1966	Catch	5,600	245,300	37,300	16,000	82,800	387,000
	Escapement ^a	8,200	283,300		2,000	149,000	
	Total	13,800	528,600		18,000	231,800	
1967	Catch	5,500	224,700	46,800	700	41,300	319,000
	Escapement ^a	12,200	299,700		700	122,600	
	Total	17,700	524,400		1,400	163,900	
1968	Catch	4,500	237,100	64,900	200	73,500	380,200
	Escapement ^a	15,800	251,300		26,500	250,800	
	Total	20,300	488,400		26,700	324,300	
1969	Catch	4,800	321,300	49,100	100	28,100	403,400
	Escapement ^a	19,500	575,000		4,400	146,800	
	Total	24,300	896,300		4,500	174,900	
1970	Catch	3,829	187,793	26,327	7,904	47,989	273,842
	Escapement ^a	8,300	451,500		11,100	169,800	
	Total	12,129	639,293		19,004	217,789	
1971	Catch	2,187	353,784	8,222	297	64,154	428,644
	Escapement ^a	5,200	435,100		8,600	109,400	
	Total	7,387	788,884		8,897	173,554	
1972	Catch	1,790	179,325	9,684	129	84,687	275,615
	Escapement ^a	5,000	190,200		1,300	124,000	
	Total	6,790	369,525		1,429	208,687	
1973	Catch	2,569	165,388	19,776	143	152,773	340,649
	Escapement ^a	4,300	180,200		200	122,400	
	Total	6,869	345,588		343	275,173	
1974	Catch	2,710	246,209	16,799	10,599	34,417	310,734
	Escapement ^a	3,000	332,800		23,000	105,100	
	Total	5,710	579,009		33,599	139,517	

-continued-

Table 1.—Page 2 of 5.

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1975	Catch	2,093	233,293	28,349	295	8,770	272,800
	Escapement ^a	4,600	516,800		600	109,200	
	Total	6,693	750,093		895	117,970	
1976	Catch	4,947	641,134	26,061	672	73,589	746,403
	Escapement ^a	6,000	532,600		37,300	293,400	
	Total	10,947	1,173,734		37,972	366,989	
1977	Catch	5,489	472,006	34,137	888	129,168	641,688
	Escapement ^a	7,100	541,100		8,500	681,200	
	Total	12,589	1,013,106		9,388	810,368	
1978	Catch	13,524	896,616	63,341	485,224	163,804	1,622,509
	Escapement ^a	13,700	1,213,500		96,800	310,500	
	Total	27,224	2,110,116		582,024	474,304	
1979	Catch	15,704	1,979,167	112,835	4,994	65,711	2,178,411
	Escapement ^a	15,800	1,574,000		9,300	305,300	
	Total	31,504	3,553,167		14,294	371,011	
1980	Catch	16,627	1,397,118	127,878	301,672	700,196	2,543,491
	Escapement ^a	11,000	1,387,600		103,600	769,500	
	Total	27,627	2,784,718		405,272	1,469,696	
1981	Catch	18,385	1,844,335	155,420	11,217	706,818	2,736,175
	Escapement ^a	12,400	1,347,900		6,100	535,200	
	Total	30,785	3,192,235		17,317	1,242,018	
1982	Catch	29,770	1,435,277	238,016	12,321	331,133	2,046,517
	Escapement ^a	20,000	718,400		51,700	457,600	
	Total	49,770	2,153,677		64,021	788,733	
1983	Catch	29,006	2,090,142	75,138	3,404	348,307	2,545,997
	Escapement ^a	25,700	580,300		4,000	392,600	
	Total	54,706	2,670,442		7,404	740,907	
1984	Catch	22,770	1,798,780	200,482	46,369	805,132	2,873,533
	Escapement ^a	17,700	826,000		56,600	870,200	
	Total	40,470	2,624,780		102,969	1,675,332	
1985	Catch	23,403	2,596,073	176,118	3,054	666,616	3,465,264
	Escapement ^a	12,900	898,100		1,400	344,200	
	Total	36,303	3,494,173		4,454	1,010,816	
1986	Catch	11,735	2,463,734	164,071	22,630	271,216	2,933,386
	Escapement ^a	8,700	580,300		13,300	243,600	
	Total	20,435	3,044,034		35,930	514,816	
1987	Catch	14,186	1,209,435	171,784	3,486	368,696	1,767,587
	Escapement ^a	10,700	556,000		100	510,900	
	Total	24,886	1,765,435		3,586	879,596	

-continued-

Table 1.—Page 3 of 5.

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1988	Catch	16,721	1,528,107	233,966	65,242	393,075	2,237,111
	Escapement ^a	11,700	614,900	200-300 ^{b,c}	43,500	500,300	
	Total	28,421	2,143,007		108,742	893,375	
1989	Catch	10,698	1,718,001	227,551	4,103	156,992	2,117,345
	Escapement ^a	5,600	814,400	150-250 ^{b,c}	1,900	212,300	
	Total	16,298	2,532,401		6,003	369,292	
1990	Catch	12,320	2,416,047	192,978	517,724	126,113	3,265,182
	Escapement ^a	7,100	1,032,200	140-175 ^{b,c}	132,200	226,400	
	Total	19,420	3,448,247		649,924	352,513	
1991	Catch	9,359	2,391,406	218,274	4,249	191,278	2,814,566
	Escapement ^a	9,600	1,317,300		6,300	303,300	
	Total	18,959	3,708,706		10,549	494,578	
1992	Catch	13,136	3,575,507	206,813	194,395	341,616	4,331,467
	Escapement ^a	6,600	861,300		207,600	351,700	
	Total	19,736	4,436,807		401,995	693,316	
1993	Catch	22,417	3,866,479	64,376	5,328	134,957	4,093,557
	Escapement ^a	13,700	1,003,800		72,800	402,400	
	Total	36,117	4,870,279		78,128	537,357	
1994	Catch	18,508	2,783,156	241,913	226,315	83,897	3,353,789
	Escapement ^a	38,400	1,211,400		133,200	480,200	
	Total	56,908	3,994,556		359,515	564,097	
1995	Catch	7,540	3,272,748	135,639	12,171	99,293	3,527,391
	Escapement ^a	24,400	1,077,000		8,200	756,300	
	Total	31,940	4,349,748		20,371	855,593	
1996	Catch	4,941	1,911,126	157,313	53,842	67,956	2,195,178
	Escapement ^a	25,700	967,900		382,600	823,100	
	Total	30,641	2,879,026		436,442	891,056	
1997	Catch	10,352	2,151,010	94,776	50,701	97,380	2,404,219
	Escapement ^a	19,500	820,300		25,000	388,200	
	Total	29,852	2,971,010		75,701	485,580	
1998	Catch	5,928	1,087,552	134,724	34,810	69,516	1,332,530
	Escapement ^a	15,000	876,728		300,000	729,500	
	Total	20,928	1,964,280		334,810	799,016	
1999	Catch	4,886	1,783,804	53,907	4,367	50,120	1,897,084
	Escapement ^a	10,900	898,875		25,000	666,300	
	Total	15,786	2,682,679		29,367	716,420	

-continued-

Table 1.—Page 4 of 5.

		Number of salmon					
Year		Chinook	Sockeye	Coho	Pink	Chum	Total
2000	Catch	3,904	1,968,882	83,655	34,373	93,696	2,184,510
	Escapement ^a	9,600	883,200		70,900	594,700	
	Total	13,504	2,852,082		105,273	688,396	
2001	Catch	4,412	1,147,030	22,162	12,469	174,523	1,360,596
	Escapement ^a	13,300	885,439		24,300	692,700	
	Total	17,712	2,032,469		36,769	867,223	
2002	Catch	3,852	1,415,872	28,751	21,461	51,040	1,520,976
	Escapement ^a	18,900	829,190	289,333 ^d	24,900	679,900	
	Total	22,752	2,245,062	318,084	46,361	730,940	
2003	Catch	4,545	1,477,391	53,137	18,624	38,755	1,592,452
	Escapement ^a	11,078	1,271,011	337,800 ^d	20,000	450,660	
	Total	15,623	2,748,402	390,937	38,624	489,415	
2004	Catch	10,402	2,433,778	33,920	15,828	14,958	2,508,886
	Escapement ^a	30,874	1,433,777	520,400 ^d	122,000	434,950	
	Total	41,276	3,867,555	554,320	137,828	449,908	
2005	Catch	9,198	3,115,792	68,680	3,830	42,539	3,240,039
	Escapement ^a	30,617	1,547,788	138,169 ^d	52,628	296,640	
	Total	39,815	4,663,580	206,849	56,458	339,179	
2006	Catch	7,637	2,375,158	93,932	64,207	131,718	2,672,675
	Escapement ^a	32,173	1,197,546	229,440 ^d	252,462	576,043	
	Total	39,810	3,572,704	323,372	316,669	707,761	
2007	Catch	7,609	3,408,818	68,969	137,882	181,009	3,804,287
	Escapement ^a	20,685	1,068,952	74,050 ^{d,e}	45,509	578,784	
	Total	28,294	4,477,770	143,019	183,391	759,793	
2008	Catch	1,799	2,003,906	125,237	21,136	177,364	2,329,442
	Escapement ^a	36,072	1,018,670	178,925 ^d	49,400	470,287	
	Total	37,871	3,022,576	304,162	70,536	647,651	
2009	Catch	3,189	2,426,601	66,713	275,083	105,994	2,877,580
	Escapement ^a	12,807	934,400	206,695 ^d	91,441	232,591	
	Total	15,996	3,361,001	273,408	366,524	338,585	
2010	Catch	2,772	2,229,978	62,147	7,833	259,063	2,561,793
	Escapement ^a	9,387	879,400	117,900	32,412	289,410	
	Total	12,159	3,109,378	180,047	40,245	548,473	
2011	Catch	2,368	923,194	19,440	108,830	293,782	1,347,614
	Escapement ^a	15,254	795,105	108,150	16,778	248,352	
	Total	17,622	1,718,299	127,590	125,608	542,134	

-continued-

Table 1.—Page 5 of 5.

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
2012	Catch	1,053	764,388	37,399	1,173	283,035	1,087,048
	Escapement ^a	3,574	743,790	163,670	28,968	280,418	
	Total	4,627	1,508,178	201,069	30,141	563,453	
2013	Catch	571	721,336	27,256	5,281	130,939	885,383
	Escapement ^a	4,346	990,800	100,075	8,183	230,051	
	Total	4,917	1,712,136	127,331	13,464	360,990	
2014	Catch	906	1,962,932	104,374	11,437	128,843	2,208,492
	Escapement ^a	8,590	1,159,152	252,850	96,059	246,111	
	Total	9,496	3,122,084	357,224	107,496	374,954	
2015	Catch	2,843	2,728,318	57,133	12,392	191,676	2,992,362
	Escapement ^a	11,545	1,375,960	258,050	263,796	278,994	
	Total	14,344	4,104,278	299,938	276,188	470,670	
2016	Catch	1,891	3,503,541	73,038	12,274	88,894	3,679,638
	Escapement ^a	17,464	1,611,310	291,775	97,496	390,924	
	Total	19,355	5,114,851	364,813	109,770	479,818	
2017	Catch	2,858	3,861,515	6,655	11,341	82,230	3,964,599
	Escapement ^a	7,626	2,365,317	103,750	388,271	430,140	
	Total	10,484	6,226,832	110,405	399,612	512,370	
2018	Catch	1,761	2,366,324	105,210	32,241	157,349	2,662,885
	Escapement ^a	15,909	1,328,750	343,300	51,043	236,109	
	Total	17,670	3,695,074	448,510	83,284	393,458	
2019	Catch	3,874	2,400,781	42,448	578,038	231,144	3,256,285
	Escapement ^a	21,327	1,095,225	168,800	285,278	345,097	
	Total	25,201	3,496,006	211,248	863,316	576,241	
2019	Projected catch	2,200	2,400,000	75,000	25,000	130,000	2,632,200
2009–2018 average							
	Catch	2,021	2,148,813	55,937	82,585 ^f	172,181	2,426,739
	Escapement ^a	10,650	1,218,398	194,622	153,694 ^f	286,310	
	Total	12,667	3,367,211	249,034	236,279 ^f	458,491	

Note: Catch numbers do not include test fish harvest or fish retained for personal use.

^a Escapements are estimated totals.

^b These figures are very rough extrapolated estimates.

^c Number of fish in thousands.

^d Escapement estimates are a minimum count.

^e No surveys were conducted in the Northern District.

^f Averages for pink salmon include only the odd-numbered years 2009, 2011, 2013, 2015, 2017.

Table 2.—North Alaska Peninsula salmon harvest by species, week, and section, all gear combined, 2019.

Catch dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Dublin Bay Section ^a												
Total	0	-	-	-	-	-	-	-	-	-	-	-
Urilia Bay Section ^a												
Total	0	-	-	-	-	-	-	-	-	-	-	-
Swanson Lagoon Section ^a												
Total	0	-	-	-	-	-	-	-	-	-	-	-
Bechevin Bay Section												
26-Jul to 01-Aug	4	9	0	0	201	864	24	120	40,524	117,971	16,664	100,277
02-Aug to 08-Aug	4	12	1	5	249	1,204	15	80	124,075	317,774	14,915	89,003
09-Aug to 15-Aug	10	16	0	0	391	1,986	441	2,689	92,499	237,579	8,962	53,079
16-Aug to 22-Aug	8	16	0	0	203	1,024	288	1,626	93,150	258,965	5,859	34,842
23-Aug to 29-Aug	8	21	0	0	86	490	649	3,961	94,981	269,683	8,115	46,840
Total	16	74	1	5	1,130	5,568	1,417	8,476	445,229	1,201,972	54,515	324,041
Izembek-Moffet Bay Section												
19-Jul to 25-Jul ^b	3	6	0	0	1,053	5,645	4	10	342	1,058	16,199	126,691
26-Jul to 01-Aug	13	22	1	12	1,895	10,667	30	167	8,205	19,273	58,385	377,233
02-Aug to 08-Aug	3	4	0	0	75	401	26	166	479	1,419	12,461	95,723
09-Aug to 15-Aug ^c	4	6	1	12	448	2,243	247	1,316	1,619	4,717	8,911	60,810
Total ^d	18	50	2	24	4,486	24,728	3,295	24,734	15,125	39,373	131,357	921,559

-continued-

Table 2.—Page 2 of 5.

Catch dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Caribou Flats Section ^c												
Total												
Black Hills Section ^f												
26-Jul to 01-Aug	5	5	0	0	687	3,846	7	49	307	980	149	1,056
Total ^d	9	13	0	0	1,318	7,458	32	205	561	1,893	486	2,978
Nelson Lagoon Section												
07-Jun to 13-Jun	9	21	323	2,831	570	2,468	0	0	0	0	0	0
14-Jun to 20-Jun	17	51	760	9,401	4,336	23,437	0	0	0	0	0	0
21-Jun to 27-Jun	19	68	386	5,412	5,816	33,486	0	0	0	0	0	0
28-Jun to 04-Jul	22	91	234	4,600	16,534	98,439	0	0	0	0	0	0
05-Jul to 11-Jul	24	115	70	1,020	16,964	99,928	0	0	2	8	0	0
12-Jul to 18-Jul	23	126	16	256	18,800	113,458	1	10	0	0	10	62
19-Jul to 25-Jul	21	111	7	135	11,096	66,446	7	42	45	227	309	1,968
26-Jul to 01-Aug	16	62	2	18	4,256	23,333	51	305	15	63	444	2,845
02-Aug to 08-Aug	14	52	1	10	2,971	16,220	342	2,186	19	83	211	1,354
09-Aug to 15-Aug	13	50	0	0	1,977	10,721	1,704	11,522	31	140	143	879
16-Aug to 22-Aug	12	35	0	0	512	2,847	1,100	7,217	7	35	48	314
23-Aug to 29-Aug	14	50	0	0	36	199	4,356	31,771	1	6	5	39
30-Aug to 05-Sep	11	30	0	0	7	42	3,032	22,142	0	0	1	10
06-Sep to 12-Sep	11	25	0	0	4	24	3,060	21,997	0	0	7	47
Total	28	887	1,799	23,683	83,879	491,048	13,653	97,192	120	562	1,178	7,518

-continued-

Table 2.—Page 3 of 5.

Catch dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Herendeen-Moller Bay and Port Moller Bight Sections												
Total ^g	-	-	-	-	-	-	-	-	-	-	-	-
Bear River Section												
07-Jun to 13-Jun ^g	-	-	-	-	-	-	-	-	-	-	-	-
14-Jun to 20-Jun ^g	-	-	-	-	-	-	-	-	-	-	-	-
21-Jun to 11-Jul ^h	0	-	-	-	-	-	-	-	-	-	-	-
12-Jul to 18-Jul	21	33	1	15	13,053	69,132	0	0	296	877	1,008	6,695
19-Jul to 25-Jul	18	47	2	51	15,326	82,783	4	20	127	446	3,242	20,570
26-Jul to 01-Aug	15	32	2	42	11,893	61,675	16	97	331	1,224	903	5,345
02-Aug to 08-Aug	28	43	0	0	20,956	116,210	179	938	860	3,045	1,340	7,887
09-Aug to 15-Aug	50	170	1	12	41,273	218,428	755	4,292	6,893	20,589	3,375	20,343
16-Aug to 22-Aug	56	118	4	58	23,182	122,213	1,530	9,626	5,528	17,242	2,481	14,689
23-Aug to 29-Aug	30	111	0	0	28,270	149,655	3,757	24,198	8,162	24,893	1,968	11,681
30-Aug to 05-Sep	13	27	0	0	5,250	28,739	606	3,763	324	1,221	401	2,382
06-Sep to 12-Sep ^g	-	-	-	-	-	-	-	-	-	-	-	-
Total ^d	85	581	186	2,809	159,481	850,330	6,847	42,934	22,521	69,537	14,718	89,592
Three Hills Section												
12-Jul to 18-Jul	20	33	3	49	21,331	107,952	58	368	1,504	3,813	1,233	7,702
19-Jul to 25-Jul	30	43	7	95	15,739	79,387	29	176	410	1,165	1,332	7,723
26-Jul to 01-Aug	26	37	0	0	14,737	76,707	46	279	674	2,226	1,045	7,222
02-Aug to 08-Aug	30	36	0	0	11,801	61,831	606	3,317	1,797	5,962	1,351	8,303
09-Aug to 15-Aug	29	54	1	18	16,325	82,613	542	3,327	4,844	14,982	1,135	6,798
16-Aug to 22-Aug	39	76	0	0	13,525	72,924	1,273	7,151	5,601	16,340	906	5,086
23-Aug to 29-Aug	3	4	0	0	318	1,785	36	226	91	343	14	72
30-Aug to 05-Sep ^g	-	-	-	-	-	-	-	-	-	-	-	-
Total	86	283	11	162	93,776	483,199	2,590	14,844	14,921	44,830	7,016	42,906

-continued-

Table 2.—Page 4 of 5.

Catch dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Ilnik Section												
14 Jun–20 Jun	117	177	392	5,830	49,496	250,359	0	0	168	615	59	305
21-Jun to 27-Jun	132	427	527	9,091	132,732	704,095	0	0	186	614	98	505
28-Jun to 04-Jul	137	581	321	5,338	271,353	1,398,417	0	0	1,659	5,117	180	1,004
05-Jul to 11-Jul	138	557	81	1,313	291,757	1,592,593	2	11	1,433	5,202	415	2,422
12-Jul to 18-Jul	132	642	35	622	340,035	1,797,460	162	911	4,086	13,470	2,949	18,085
19-Jul to 25-Jul	114	438	8	149	188,020	983,493	777	4,293	6,486	22,077	4,460	26,019
26-Jul to 01-Aug	87	269	3	41	180,374	970,388	1,152	6,869	9,350	33,081	3,987	24,526
02-Aug to 08-Aug	27	28	0	0	7,601	41,818	276	1,752	1,520	5,483	524	3,039
09-Aug to 15-Aug	73	226	1	28	41,331	216,272	3,419	20,185	19,739	62,976	2,761	16,047
16-Aug to 22-Aug	47	128	8	60	26,669	138,920	7,793	47,457	30,246	93,780	1,255	7,306
23-Aug to 29-Aug ^g	-	-	-	-	-	-	-	-	-	-	-	-
Total	141	3,473	1,376	22,472	1,529,368	8,093,815	13,581	81,478	74,873	242,415	16,688	99,257
Harbor Point to Outer Port Heiden (Port Moller Bight, Bear River, Three Hills, Ilnik, and Outer Port Heiden Sections Combined)												
31-May to 13-Jun ^g	-	-	-	-	-	-	-	-	-	-	-	-
14-Jun to 20-Jun	118	184	532	7,596	49,773	251,867	0	0	168	615	60	311
21-Jun to 27-Jun	133	651	873	14,558	214,579	1,123,934	0	0	212	710	121	630
28-Jun to 04-Jul	139	779	448	7,250	370,233	1,919,962	0	0	1,712	5,319	335	1,931
05-Jul to 11-Jul	139	844	134	2,010	486,058	2,655,468	2	11	1,701	6,167	843	4,837
12-Jul to 18-Jul	134	825	46	732	433,260	2,270,223	260	1,510	6,648	21,299	6,315	38,681
19-Jul to 25-Jul	126	664	19	354	274,721	1,438,095	1,101	6,066	8,840	29,942	11,264	67,562
26-Jul to 01-Aug	99	433	5	93	244,843	1,313,163	1,916	11,394	12,117	42,699	7,160	44,551
02-Aug to 08-Aug	78	114	0	0	40,358	219,859	1,061	6,007	4,177	14,490	3,215	19,226
09-Aug to 15-Aug	105	458	3	58	98,929	517,313	4,716	27,804	31,476	98,547	7,271	43,188
16-Aug to 22-Aug	79	329	12	122	63,376	334,057	10,596	64,234	41,375	127,362	4,642	27,081
23-Aug to 29-Aug	32	120	0	0	28,588	151,440	3,793	24,424	8,253	25,236	1,982	11,750
30-Aug to 05-Sep	13	28	0	0	5,250	28,739	606	3,763	324	1,221	400	2,382
06-Sep to 12-Sep ^g	-	-	-	-	-	-	-	-	-	-	-	-
Total ^d	144	5,429	2,072	32,773	2,309,968	12,224,120	24,051	145,212	117,003	373,606	43,608	262,129

-continued-

Table 2.—Page 5 of 5.

Catch dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	
Outer Port Heiden Section													
21-Jun to 27-Jun	85	224	336	4,927	81,846	419,849	0	0	26	96	23	125	
28-Jun to 04-Jul	83	198	117	1,761	98,880	521,548	0	0	53	202	155	927	
05-Jul to 11-Jul	81	281	43	597	194,301	1,062,875	0	0	268	965	428	2,415	
12-Jul to 18-Jul	57	110	1	6	58,841	295,679	40	231	762	3,139	1,125	6,199	
19-Jul to 25-Jul	66	133	2	39	55,636	292,432	291	1,577	1,817	6,254	2,230	13,250	
26-Jul to 01-Aug	47	95	0	0	37,839	204,393	702	4,149	1,762	6,168	1,225	7,458	
Total	109	1,041	499	7,330	527,343	2,796,776	1,033	5,957	4,688	16,824	5,186	30,374	
Entire North Peninsula													
31-May to 06-Jun ^g	-	-	-	-	-	-	-	-	-	-	-	-	
07-Jun to 13-Jun	11	24	419	4,409	648	2,860	0	0	0	0	0	0	
14-Jun to 20-Jun	135	235	1,292	16,997	54,119	275,404	0	0	168	615	60	311	
21-Jun to 27-Jun	152	719	1,249	19,430	220,394	1,157,430	0	0	212	710	121	630	
28-Jun to 04-Jul	162	878	672	11,699	386,994	2,019,632	0	0	1,712	5,319	472	2,781	
05-Jul to 11-Jul	164	961	194	2,930	503,243	2,756,682	2	11	1,708	6,193	3,959	31,009	
12-Jul to 18-Jul	158	956	56	948	452,627	2,386,960	261	1,520	6,676	21,389	14,034	103,350	
19-Jul to 25-Jul	147	782	26	469	287,137	1,511,806	1,112	6,118	9,247	31,307	27,867	196,847	
26-Jul to 01-Aug	120	531	8	113	251,882	1,351,872	2,028	12,035	61,168	180,985	82,802	525,961	
02-Aug to 08-Aug	95	177	2	15	43,840	238,734	1,450	8,483	128,846	334,151	30,879	205,771	
09-Aug to 15-Aug	120	524	4	70	101,867	532,877	7,111	43,346	125,746	341,348	25,443	158,736	
16-Aug to 22-Aug	92	379	12	118	64,146	338,235	13,255	82,287	138,019	396,565	26,466	171,706	
23-Aug to 29-Aug	47	188	0	0	28,710	152,129	10,531	74,118	104,212	297,603	18,633	118,690	
30-Aug to 05-Sep	24	57	0	0	5,257	28,781	3,638	25,905	324	1,221	402	2,392	
06-Sep to 12-Sep	12	25	0	0	4	24	3,060	21,997	0	0	7	47	
Total ^d	175	6,394	3,874	56,485	2,400,781	12,752,921	42,448	275,819	578,038	1,617,406	231,144	1,518,225	

Note: Catch numbers do not include test fish harvest or fish retained for personal use.

^a No harvest effort.

^b All harvest before this date are confidential.

^c All harvests after this date are confidential.

^d Totals may include confidential harvests.

^e Caribou flats section is closed by regulation.

^f All weeks aside from 26-Jul thru 01-Aug are confidential.

^g Confidential.

^h Closed.

Table 3.—Northern District Chinook salmon runs in number of fish, by section, 1962–2019.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik sections	Bear River Section	Port Moller Bight and Herendeen— Moller Bay sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills sections	Northern District totals
1962	Catch	0	0	400	0	500	700	3,700	0	5,300
	Escapement ^c	0	0	1,100	0	500	0	2,700	100	4,400
	Total	0	0	1,500	0	1,000	700	6,400	100	9,700
1963	Catch	0	0	0	0	600	200	2,500	0	3,300
	Escapement ^c	0	0	100	0	200	0	4,000	1,900	6,200
	Total	0	0	100	0	800	200	6,500	1,900	9,500
1964	Catch	0	0	0	100	300	0	3,300	0	3,700
	Escapement ^c	5,800	0	4,200	500	3,000	0	8,400	4,000	25,900
	Total	5,800	0	4,200	600	3,300	0	11,700	4,000	29,600
1965	Catch	0	0	1,900	300	100	0	4,000	0	6,300
	Escapement ^c	700	0	1,000	0	5,400	0	11,900	3,000	22,000
	Total	700	0	2,900	300	5,500	0	15,900	3,000	28,300
1966	Catch	0	0	700	0	100	0	2,400	0	3,200
	Escapement ^c	0	0	1,300	0	300	0	4,700	1,900	8,200
	Total	0	0	2,000	0	400	0	7,100	1,900	11,400
1967	Catch	0	0	1,400	0	100	400	3,600	0	5,500
	Escapement ^c	800	0	500	300	3,000	0	5,100	1,300	11,000
	Total	800	0	1,900	300	3,100	400	8,700	1,300	16,500
1968	Catch	0	0	1,000	100	300	1,300	2,800	0	5,500
	Escapement ^c	300	0	1,100	0	2,600	0	7,300	2,700	14,000
	Total	300	0	2,100	100	2,900	1,300	10,100	2,700	19,500
1969	Catch	0	0	1,400	0	500	500	2,500	0	4,900
	Escapement ^c	800	0	1,100	0	1,000	0	8,100	1,600	12,600
	Total	800	0	2,500	0	1,500	500	10,600	1,600	17,500

-continued-

Table 3.—Page 2 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik sections	Bear River Section	Port Moller Bight and Herendeen— Moller Bay sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills sections	Northern District totals
1970	Catch	0	0	0	22	800	420	2,587	0	3,829
	Escapement ^c	200	0	300	300	1,000	0	2,900	2,000	6,700
	Total	200	0	300	322	1,800	420	5,487	2,000	10,529
1971	Catch	0	0	0	112	315	370	1,390	0	2,187
	Escapement ^c	100	0	100	200	800	0	2,300	1,500	5,000
	Total	100	0	100	312	1,115	370	3,690	1,500	7,187
1972	Catch	0	0	0	61	208	227	1,294	0	1,790
	Escapement ^c	700	0	1,600	0	100	0	1,400	1,000	4,800
	Total	700	0	1,600	61	308	227	2,694	1,000	6,590
1973	Catch	0	0	0	47	672	341	1,503	0	2,563
	Escapement ^c	600	0	600	0	100	0	1,500	800	3,600
	Total	600	0	600	47	772	341	3,003	800	6,163
1974	Catch	0	0	0	43	296	142	2,225	0	2,706
	Escapement ^c	500	0	700	0	300	0	1,100	400	3,000
	Total	500	0	700	43	596	142	3,325	400	5,706
1975	Catch	0	0	376	21	292	201	1,203	0	2,093
	Escapement ^c	100	0	900	0	700	0	2,500	400	4,600
	Total	100	0	1,276	21	992	201	3,703	400	6,693
1976	Catch	0	0	1,496	93	537	592	2,220	0	4,938
	Escapement ^c	1,600	0	200	0	500	0	3,300	400	6,000
	Total	1,600	0	1,696	93	1,037	592	5,520	400	10,938
1977	Catch	1	0	2,494	75	673	509	1,734	0	5,486
	Escapement ^c	100	0	700	0	0	0	5,600	700	7,100
	Total	101	0	3,194	75	673	509	7,334	700	12,586
1978	Catch	0	0	8,740	41	643	745	3,350	0	13,519
	Escapement ^c	1,100	0	4,200	0	200	0	4,200	4,000	13,700
	Total	1,100	0	12,940	41	843	745	7,550	4,000	27,219

-continued-

Table 3.—Page 3 of 8.

		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik sections	Bear River Section	Port Moller Bight and Herendeen– Moller Bay sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills sections	Northern District totals
Year										
1979	Catch	0	0	8,346	11	1,420	523	5,399	0	15,699
	Escapement ^c	300	0	3,200	0	0	0	11,000	1,500	16,000
	Total	300	0	11,546	11	1,420	523	16,399	1,500	31,699
1980	Catch	1	0	5,242	136	1,663	873	8,706	0	16,621
	Escapement ^c	3,000	0	1,600	0	100	0	5,500	800	11,000
	Total	3,001	0	6,842	136	1,763	873	14,206	800	27,621
1981	Catch	0	0	5,595	23	1,667	106	10,981	0	18,372
	Escapement ^c	3,000	0	1,000	0	2,300	0	5,200	900	12,400
	Total	3,000	0	6,595	23	3,967	106	16,181	900	30,772
1982	Catch	5	0	10,950	904	2,736	650	13,337	1,175	29,757
	Escapement ^c	2,500	0	7,500	0	900	0	7,000	2100	20,000
	Total	2,505	0	18,450	904	3,636	650	20,337	3,275	49,757
1983	Catch	1	0	6,408	933	8,474	679	12,055	433	28,983
	Escapement ^c	7,200	0	900	0	1,500	0	12,500	3,600	25,700
	Total	7,201	0	7,308	933	9,974	679	24,555	4,033	54,683
1984	Catch	0	0	6,394	1,301	5,807	547	7,801	863	22,713
	Escapement ^c	400	0	7,400	0	600	0	6,300	3,000	17,700
	Total	400	0	13,794	1,301	6,407	547	14,101	3,863	40,413
1985	Catch	2	0	4,354	1,665	4,729	1,762	10,850	0	23,362
	Escapement ^c	700	0	4,700	0	1,200	0	3,200	3,200	13,000
	Total	702	0	9,054	1,665	5,929	1,762	14,050	3,200	36,362
1986	Catch	0	1	1,821	1,516	2,942	410	4,849	173	11,712
	Escapement ^c	1,700	0	2,400	0	800	0	1,800	2,100	8,800
	Total	1,700	1	4,221	1,516	3,742	410	6,649	2,273	20,512

-continued-

Table 3.–Page 4 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik sections	Bear River Section	Port Moller Bight and Herendeen– Moller Bay sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills sections	Northern District totals
1987	Catch	3	0	3,217	873	3,789	321	5,823	100	14,126
	Escapement ^c	900	0	1,400	0	700	0	4,100	3,600	10,700
	Total	903	0	4,617	873	4,489	321	9,923	3,700	24,826
1988	Catch	1	0	5,816	805	3,447	151	6,467	0	16,687
	Escapement ^c	400	0	2,200	200	1,200	0	3,300	3,300	10,600
	Total	401	0	8,016	1,005	4,647	151	9,767	3,300	27,287
1989	Catch	118	1	2,927	490	2,089	243	3,822	985	10,675
	Escapement ^c	200	0	800	0	900	0	3,100	600	5,600
	Total	318	1	3,727	490	2,989	243	6,922	1,585	16,275
1990	Catch	63	0	4,699	545	2,145	126	3,573	1,126	12,277
	Escapement ^c	1,600	0	800	0	1,400	0	2,300	1,000	7,100
	Total	1,663	0	5,499	545	3,545	126	5,873	2,126	19,377
1991	Catch	2	0	3,139	255	1,631	202	3,452	635	9,316
	Escapement ^c	600	0	900	0	700	0	6,800	500	9,500
	Total	602	0	4,039	255	2,331	202	10,252	1,135	18,816
1992	Catch	133	0	5,427	1,366	3,264	114	2,787	21	13,112
	Escapement ^c	300	0	1,400	0	1,000	0	3,000	900	6,600
	Total	433	0	6,827	1,366	4,264	114	5,787	921	19,712
1993	Catch	2,260	0	9,562	345	5,340	79	4,815	1	22,402
	Escapement ^c	700	0	3,200	0	1,800	0	6,000	2,000	13,700
	Total	2,960	0	12,762	345	7,140	79	10,815	2,001	36,102
1994	Catch	2,583	0	8,752	563	2,973	111	3,509	0	18,491
	Escapement ^c	10,500	0	15,100	0	6,200	0	4,800	1,900	38,500
	Total	13,083	0	23,852	563	9,173	111	8,309	1,900	56,991
1995	Catch	335	0	2,261	593	834	11	3,488	8	7,530
	Escapement ^c	9,300	0	7,100	0	3,600	0	3,000	1,300	24,300
	Total	9,635	0	9,361	593	4,434	11	6,488	1,308	31,830

-continued-

Table 3.–Page 5 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik sections	Bear River Section	Port Moller Bight and Herendeen– Moller Bay sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills sections	Northern District totals
1996	Catch	748	0	8	369	1,298	73	2,308	128	4,932
	Escapement ^c	4,000	0	12,000	0	2,600	0	4,000	3,000	25,600
	Total	4,748	0	12,008	369	3,898	73	6,308	3,128	30,532
1997	Catch	340	0	3,678	1,248	1,880	8	3,164	25	10,343
	Escapement ^c	2,300	0	4,000	0	4,300	0	7,000	1,800	19,400
	Total	2,640	0	7,678	1,248	6,180	8	10,164	1,825	29,743
1998	Catch	410	0	1,342	388	831	43	2,715	153	5,882
	Escapement ^c	2,100	0	3,500	0	2,400	0	5,200	1,800	15,000
	Total	2,510	0	4,842	388	3,231	43	7,915	1,953	20,882
1999	Catch	205	0	279	1,893	408	17	1,925	90	4,817
	Escapement ^c	2,300	0	800	0	2,100	0	4,000	1,700	10,900
	Total	2,505	0	1,079	1,893	2,508	17	5,925	1,790	15,717
2000	Catch	56	0	0	1,308	991	44	1,387	105	3,891
	Escapement ^c	700	0	1,500	0	1,600	0	4,200	1,700	9,700
	Total	756	0	1,500	1,308	2,591	44	5,587	1,805	13,591
2001	Catch	573	0	0	416	963	0	2,164	266	4,382
	Escapement ^c	1,700	0	1,100	100	1,500	0	7,400	1,600	13,400
	Total	2,273	0	1,100	516	2,463	0	9,564	1,866	17,782
2002	Catch	76	0	0	188	2,194	8	1,312	57	3,835
	Escapement ^c	2,300	0	4,500	100	2,800	0	6,900	2,300	18,900
	Total	2,376	0	4,500	288	4,994	8	8,212	2,357	22,735
2003	Catch	0	0	0	312	2,987	0	1,082	162	4,543
	Escapement ^c	350	0	1,200	28	1,500	0	5,500	2,500	11,078
	Total	350	0	1,200	340	4,487	0	6,582	2,662	15,621
2004	Catch	0	0	0	1,951	5,429	0	3,016	4	10,400
	Escapement ^c	4,200	0	8,300	15	7,400	0	7,759	3,200	30,874
	Total	4,200	0	8,300	1,966	12,829	0	10,775	3,204	41,274

-continued-

Table 3.–Page 6 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik sections	Bear River Section	Port Moller Bight and Herendeen– Moller Bay sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills sections	Northern District totals
2005	Catch	231	0	261	1,706	4,081	0	2,887	24	9,190
	Escapement ^c	4,400	0	13,700	24	5,600	0	4,993	1,900	30,617
	Total	4,631	0	13,961	1,730	9,681	0	7,880	1,924	39,807
2006	Catch	0	0	1,057	2,240	1,312	0	3,020	4	7,633
	Escapement ^c	4,200	0	10,900	57	4,100	0	2,516	10,400	32,173
	Total	4,200	0	11,957	2,297	5,412	0	5,536	10,404	39,806
2007	Catch	0	970	0	4,935	332	0	1,372	0	7,609
	Escapement ^c	8,800	0	4,750	71	1,682	0	2,492	2,890	20,685
	Total	8,800	970	4,750	5,006	2,014	0	3,864	2,890	28,294
2008	Catch	0	168	0	701	13	0	881	30	1,793
	Escapement ^c	12,800	0	11,200	15	2,145	0	5,012	4,900	36,072
	Total	12,800	168	11,200	716	2,158	0	5,893	4,930	37,865
2009	Catch	0	800	0	595	1,194	0	575	23	3,187
	Escapement ^c	4,750	0	3,000	13	1,296	0	2,048	1,700	12,807
	Total	4,750	800	3,000	608	2,490	0	2,623	1,723	15,994
2010	Catch	0	580	0	419	1,361	41	360	6	2,767
	Escapement ^c	1,950	0	1,010	14	544	0	2,769	3,100	9,387
	Total	1,950	580	1,010	433	1,905	41	3,129	3,106	12,154
2011	Catch	0	756	0	570	473	39	499	19	2,356
	Escapement ^c	3,200	0	8,300	0	750	0	1,704	1,300	15,254
	Total	3,200	756	8,300	570	1,223	39	2,203	1,319	17,610
2012	Catch	0	292	0	355	65	0	280	52	1,044
	Escapement ^c	440	0	41	1	1,400	0	1,092	600	3,574
	Total	440	292	41	356	1,465	0	1,372	652	4,618

-continued-

Table 3.–Page 7 of 8.

		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen– Moller Bay Sections	Nelson Lagoon Section ^b	Caribou Flats and Black Hills Sections	Northern District Totals
2013	Catch	0	50	0	75	55	0	346	37	563
	Escapement ^c	1,100	0	375	0	725	0	1,221	925	4,346
	Total	1,100	50	375	75	780	0	1,567	962	4,909
2014	Catch	0	49	0	76	287	0	454	5	871
	Escapement ^c	325	0	845	0	619	0	4,151	2,650	8,590
	Total	325	49	845	76	906	0	4,605	2,655	9,461
2015	Catch	0	271	0	413	755	0	1,286	68	2,793
	Escapement ^c	1,450	0	2,160	1	1,644	0	3,590	2,700	11,545
	Total	1,450	271	2,160	414	2,399	0	4,876	2,768	14,338
2016	Catch	^d	75	0	485	101	0	1,188	42	1,891
	Escapement ^c	5,450	0	1,275	5	4,541	75	4,618	1,500	17,464
	Total	5,450	75	1,275	490	4,642	75	5,806	1,542	19,355
2017	Catch	^d	374	0	1,644	161	^d	652	11	2,842
	Escapement ^c	1,500	0	1,225	9	2,015	0	1,502	1,375	7,626
	Total	1,500	374	1,225	1,653	2,176	0	2,154	1,386	10,468
2018	Catch	^d	441	0	274	33	^d	902	0	1,650
	Escapement ^c	5,200	0	2,650	15	1,872	0	5,022	1,150	15,909
	Total	5,200	441	2,650	289	1,905	0	5,924	1,150	17,667

-continued-

Table 3.–Page 8 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen–Moller Bay Sections	Nelson Lagoon Section	Caribou Flats and Black Hills Sections	Northern District Totals
2019	Catch	0	499	0	1,387	186	^d	1,799	0	3,871
	Escapement ^c	1,100	0	3,575	30	2,509	0	12,163	1,950	21,327
	Total ^c	1,100	499	3,575	1,417	2,695	^d	13,452	1,950	25,198
2009–2018 average										
	Catch	0	369	0	491	449	10	654	26	1,996
	Escapement	2,537	0	2,088	6	1,541	8	2,772	1,700	10,650
	Total	2,537	369	2,088	496	1,989	17	3,426	1,726	12,647

Note: Catch numbers do not include test fish harvest or fish retained for personal use.

^a Outer Port Heiden Section was closed between 1990 and 2006.

^b Entire Nelson Lagoon watershed.

^c Escapements are estimated totals.

^d Confidentiality requirements prohibit the release of this information.

Table 4.—Northern District sockeye salmon runs in number of fish, by section, 1962–2019.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined Ilnik, Three Hills, & Bear R. sections	Port Moller Bight & Herendeen- Moller Bay sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills sections	Northern District totals
1962	Catch	900	0	17,800	9,700	^f	142,900	152,600	0	69,600	0	240,900
	Escapement ^c	5,000	0	19,000	5,900	^f	215,000	220,900	100	54,200	1,000	300,200
	Total	5,900	0	36,800	15,600	^f	357,900	373,500	100	123,800	1,000	541,100
1963	Catch	0	0	0	26,600	^f	120,000	146,600	0	71,500	0	218,100
	Escapement ^c	1,400	0	14,200	10,400	^f	238,600	249,000	100	31,000	1,300	297,000
	Total	1,400	0	14,200	37,000	^f	358,600	395,600	100	102,500	1,300	515,100
1964	Catch	0	0	6,300	33,300	^f	107,500	140,800	0	88,700	0	235,800
	Escapement ^c	1,500	0	10,000	6,500	^f	250,200	256,700	200	80,000	1,500	349,900
	Total	1,500	0	16,300	39,800	^f	357,700	397,500	200	168,700	1,500	585,700
1965	Catch	0	0	9,700	58,400	^f	62,400	120,800	100	53,800	0	184,400
	Escapement ^c	7,500	0	30,000	12,500	^f	137,000	149,500	0	37,000	500	224,500
	Total	7,500	0	39,700	70,900	^f	199,400	270,300	100	90,800	500	408,900
1966	Catch	0	0	8,000	11,000	^f	152,600	163,600	0	60,000	0	231,600
	Escapement ^c	3,000	0	11,700	24,300	^f	185,000	209,300	600	36,500	2,300	263,400
	Total	3,000	0	19,700	35,300	^f	337,600	372,900	600	96,500	2,300	495,000
1967	Catch	0	0	3,100	0	^f	156,100	156,100	12,500	40,200	0	211,900
	Escapement ^c	3,800	0	12,000	26,400	^f	200,000	226,400	200	42,000	500	284,900
	Total	3,800	0	15,100	26,400	^f	356,100	382,500	12,700	82,200	500	496,800
1968	Catch	0	0	0	78,600	^f	90,500	169,100	3,400	51,100	0	223,600
	Escapement ^c	4,100	0	15,000	15,000	^f	166,000	181,000	400	31,000	2,000	233,500
	Total	4,100	0	15,000	93,600	^f	256,500	350,100	3,800	82,100	2,000	457,100
1969	Catch	0	0	5,200	24,000	^f	205,500	229,500	4,400	72,800	0	311,900
	Escapement ^c	3,800	0	15,000	15,600	^f	406,000	421,600	100	78,500	2,500	521,500
	Total	3,800	0	20,200	39,600	^f	611,500	651,100	4,500	151,300	2,500	833,400

-continued-

Table 4.—Page 2 of 8.

		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined Ilnik, Three Hills, & Bear R. sections	Port Moller Bight & Herendeen- Moller Bay sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills sections	Northern District totals
33	1970	Catch	0	0	21,011	^f	109,209	130,220	1,672	52,043	21	183,956
		Escapement ^c	1,500	0	14,100	800	294,000	310,100	0	82,400	1,400	409,500
		Total	1,500	0	14,100	800	403,209	440,320	1,672	134,443	1,421	593,456
	1971	Catch	0	0	16,153	40,929	238,628	295,710	1,301	47,536	0	344,547
		Escapement ^c	2,000	0	30,800	400	281,000	307,500	200	60,100	500	401,100
		Total	2,000	0	30,800	41,329	519,628	603,210	1,501	107,636	500	745,647
	1972	Catch	0	0	2	4,478	7,513	136,160	1,006	23,227	0	172,386
		Escapement ^c	400	0	3,500	13,100	0	135,400	0	28,000	0	180,400
		Total	400	0	3,502	17,578	7,513	271,560	1,006	51,227	0	352,786
	1973	Catch	0	0	0	16,659	117,678	134,337	3,287	23,896	0	161,520
		Escapement ^c	1,200	0	7,200	16,000	0	130,100	0	18,700	0	173,200
		Total	1,200	0	7,200	16,659	247,778	280,437	3,287	42,596	0	334,720
	1974	Catch	0	0	0	46,895	157,457	204,352	7,730	25,611	34	237,727
		Escapement ^c	1,300	0	1,400	14,500	100	266,500	0	39,900	1,800	325,500
		Total	1,300	0	1,400	14,500	46,995	485,452	7,730	65,511	1,834	563,227
	1975	Catch	0	0	644	411	8,296	165,730	3,739	51,519	0	230,339
		Escapement ^c	900	0	5,100	40,500	300	310,000	100	138,600	2,000	497,500
		Total	900	0	5,744	40,911	8,596	475,730	3,839	190,119	2,000	727,839
	1976	Catch	3	0	4,973	11,954	207,765	310,869	9,912	74,914	0	620,390
		Escapement ^c	6,300	0	30,300	15,100	600	328,000	500	108,900	7,400	497,100
		Total	6,303	0	35,273	27,054	208,365	638,869	10,412	183,814	7,400	1,117,490
	1977	Catch	8	0	3,416	12,592	85,295	268,676	11,061	56,314	44	437,406
		Escapement ^c	3,900	0	23,600	20,600	100	265,200	13,500	155,000	4,100	486,000
		Total	3,908	0	27,016	33,192	85,395	533,876	24,561	211,314	4,144	923,406

-continued-

Table 4.—Page 3 of 8.

		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined Ilnik, Three Hills, & Bear R. sections	Port Moller Bight & Herendeen- Moller Bay sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills sections	Northern District totals
34	1978 Catch	0	0	829	7,457	24,711	556,393	588,561	53,731	213,430	0	856,551
	Escapement ^c	3,800	0	18,800	21,200	0	814,000	835,200	4,900	304,300	1,500	1,168,500
	Total	3,800	0	19,629	28,657	24,711	1,370,393	1,423,761	58,631	517,730	1,500	2,025,051
	1979 Catch	140	0	36,940	53,972	140,390	1,320,851	1,515,213	32,121	320,856	0	1,905,270
	Escapement ^c	6,000	0	46,700 ^g	97,200	300	1,013,000	1,110,500	5,000	360,100	3,000	1,531,300
	Total	6,140	0	83,640 ^g	151,172	140,690	2,333,851	2,625,713	37,121	680,956	3,000	3,436,570
	1980 Catch	46	0	24,628	121,574	130,653	741,861	994,088	10,460	318,526	0	1,347,748
	Escapement ^c	30,000	0	47,000 ^g	100,000	0	751,000	851,000	1,500	352,600	3,900	1,286,000
	Total	30,046	0	71,628 ^g	221,574	130,653	1,492,861	1,845,088	11,960	671,126	3,900	2,633,748
	1981 Catch	24	0	3,847	24,334	44,559	1,327,219	1,396,112	18,610	374,722	0	1,793,315
	Escapement ^c	100,000	0	26,600 ^g	151,000	0	741,500	892,500	600	251,000	4,000 ^g	1,274,700
	Total	100,024	0	30,447 ^g	175,334	44,559	2,068,719	2,288,612	19,210	625,722	4,000 ^g	3,068,015
	1982 Catch	0	0	8,782	35,088	107,418	1,009,291	1,151,797	11,336	229,203	419	1,401,537
	Escapement ^c	13,000 ^g	0	62,000 ^g	41,700	1,300	361,300	404,300	500	179,600	6,000	665,400
	Total	13,000 ^g	0	70,782 ^g	76,788	108,718	1,370,591	1,556,097	11,836	408,803	6,419	2,066,937
	1983 Catch	71	0	68	390,883	338,730	1,122,976	1,852,589	15,007	192,947	5	2,060,687
	Escapement ^c	9,000	0	8,600	40,000	100	358,000	398,100	500	128,800	2,600	547,600
	Total	9,071	0	8,668	430,883	338,830	1,480,976	2,250,689	15,507	321,747	2,605	2,608,287
	1984 Catch	0	0	1,746	409,883	333,832	637,400	1,381,115	31,447	118,756	48	1,533,112
	Escapement ^c	16,000	0	31,100	22,300	0	414,000	436,300	700	251,000	600	735,700
	Total	16,000	0	32,846	432,183	333,832	1,051,400	1,817,415	32,147	369,756	648	2,268,812
	1985 Catch	333	0	5,090	508,887	469,267	821,312	1,799,466	4,519	703,546	0	2,512,954
	Escapement ^c	12,600	0	45,500	22,700	0	451,500	474,200	700	314,800	3,700	851,500
	Total	12,933	0	50,590	531,587	469,267	1,272,812	2,273,666	5,219	1,018,346	3,700	3,364,454

-continued-

Table 4.–Page 4 of 8.

		Combined										
			Outer	Inner				Ilnik, Three	Port Moller			
		Cinder	Port	Port		Three	Bear	Hills, &	Herendeen-	Nelson	Caribou	Northern
Year		River	Heiden	Heiden	Ilnik	Hills	River	Bear R.	Moller Bay	Lagoon	Flats &	District
		Section	Section ^a	Section ^b	Section	Section	Section ^c	sections	sections	Section ^d	Black Hills	totals
1986	Catch	3	686	38,042	560,339	588,501	938,177	2,087,017	1,294	178,401	2	2,305,445
	Escapement ^e	25,700	0	26,400	66,800	100	279,400	346,300	300	117,900	2,300	518,900
	Total	25,703	686	64,442	627,139	588,601	1,217,577	2,433,317	1,594	296,301	2,302	2,824,345
1987	Catch	214	0	2,359	506,916	212,435	213,958	933,309	679	128,471	62	1,065,094
	Escapement ^e	15,300	0	28,300	30,700	0	266,700	297,400	700	155,700	8,700	506,100
	Total	15,514	0	30,659	537,616	212,435	480,658	1,230,709	1,379	284,171	8,762	1,571,194
1988	Catch	43	647	9,951	494,616	258,982	494,951	1,248,549	3,850	186,616	0	1,449,656
	Escapement ^e	2,000	0	35,900	26,900	0	347,500	374,400	400	142,500	6,900	562,100
	Total	2,043	647	45,851	521,516	258,982	842,451	1,622,949	4,250	329,116	6,900	2,011,756
1989	Catch	817	2,227	11,365	149,399	599,588	557,100	1,306,087	5,670	324,979	14,266	1,665,411
	Escapement ^e	4,000	0	11,200	16,600	100	487,000	503,700	500	206,800	7,600	733,800
	Total	4,817	2,227	22,565	165,999	599,688	1,044,100	1,809,787	6,170	531,779	21,866	2,399,211
1990	Catch	1,246	0	9,701	753,030	189,870	876,248	1,819,148	4,250	410,417	13,265	2,258,027
	Escapement ^e	14,000	0	26,800	35,700	100	564,300	600,100	400	269,200	5,700	916,200
	Total	15,246	0	36,501	788,730	189,970	1,440,548	2,419,248	4,650	679,617	18,965	3,174,227
1991	Catch	296	0	5,439	610,975	253,880	1,044,660	1,909,515	4,587	273,960	16,382	2,210,179
	Escapement ^e	47,400	0	26,500	135,000	200	681,200	816,400	500 ^g	279,200	9,000	1,179,000
	Total	47,696	0	31,939	745,975	254,080	1,725,860	2,725,915	5,087 ^g	553,160	25,382	3,389,179
1992	Catch	4,472	0	8,023	740,992	959,223	1,398,253	3,098,468	5,911	378,706	878	3,496,458
	Escapement ^e	15,200	0	33,100	45,100	0	471,200	516,300	200	179,700	16,600	761,100
	Total	19,672	0	41,123	786,092	959,223	1,869,453	3,614,768	6,111	558,406	17,478	4,257,558
1993	Catch	8,903	0	518	868,790	411,277	2,041,716	3,321,783	10,045	452,842	4,005	3,798,096
	Escapement ^e	20,000 ^g	0	50,000 ^g	70,000	300	501,900	572,200	400	267,200	10,200	920,000
	Total	28,903	0	50,518 ^g	938,790	411,577	2,543,616	3,893,983	10,445	720,042	14,205	4,718,096

-continued-

Table 4.—Page 5 of 8.

		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined Ilnik, Three Hills, & Bear R. sections	Port Moller Bight & Herendeen- Moller Bay sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills sections	Northern District totals
1994	Catch	5,197	0	633	838,945	481,600	1,089,249	2,409,794	2,244	329,212	1,202	2,748,282
	Escapement ^c	83,400	0	44,900	75,300	0	581,200	656,500	400	333,400	5,100	1,123,700
	Total	88,597	0	45,533	914,245	481,600	1,670,449	3,066,294	2,644	662,612	6,302	3,871,982
1995	Catch	1,280	0	768	320,473	931,168	1,536,039	2,787,680	5,936	448,281	3,569	3,247,514
	Escapement ^c	47,500	0	85,600	39,000	400	430,400	469,800	2000	338,700	3,700	947,300
	Total	48,780	0	86,368	359,473	931,568	1,966,439	3,257,480	7,936	786,981	7,269	4,194,814
1996	Catch	3,726	0	3,603	612,761	188,556	592,413	1,393,730	1,546	445,335	5,077	1,853,017
	Escapement ^c	60,000 ^g	0	60,000	62,500	0	431,100	493,600	6000	257,000	8,500	885,100
	Total	63,726	0	63,603	675,261	188,556	1,023,513	1,887,330	7,546	702,335	13,577	2,738,117
1997	Catch	8,342	0	2,222	762,638	263,089	642,461	1,668,188	8,693	384,370	20,741	2,092,556
	Escapement ^c	33,000	0	40,000 ^g	83,000	400	398,000	481,400	900	190,100	6,100	751,500
	Total	41,342	0	42,222 ^g	845,638	263,489	1,040,461	2,149,588	9,593	574,470	26,841	2,844,056
1998	Catch	8,321	0	249	470,560	106,856	251,327	828,743	799	161,441	36,684	1,036,237
	Escapement ^c	42,903	0	56,025	50,600	300	469,100	520,000	700	165,300	7,700	792,628
	Total	51,224	0	56,274	521,160	107,156	720,427	1,348,743	1,499	326,741	44,384	1,828,865
1999	Catch	19,004	0	877	617,330	200,239	557,805	1,375,374	2,397	237,293	25,324	1,660,269
	Escapement ^c	14,400	0	75,575	75,000	100	408,000	483,100	2500	223,300	11,300	810,175
	Total	33,404	0	76,452	692,330	200,339	965,805	1,858,474	4,897	460,593	36,624	2,470,444
2000	Catch	7,984	0	68	769,548	403,470	473,631	1,646,649	4,090	193,694	13,951	1,866,436
	Escapement ^c	53,200	0	183,100	95,000	0	275,000	370,000	500	182,700	8,400	797,900
	Total	61,184	0	183,168	864,548	403,470	748,631	2,016,649	4,590	376,394	22,351	2,664,336
2001	Catch	5,482	0	0	205,041	165,878	527,284	898,203	1,975	174,363	16,263	1,096,286
	Escapement ^c	46,239	0	111,700	59,000	300	351,000	410,300	500	207,100	8,600	784,439
	Total	51,721	0	111,700	264,041	166,178	878,284	1,308,503	2,475	381,463	24,863	1,880,725

-continued-

Table 4.—Page 6 of 8.

		Combined										
			Outer Port	Inner Port				Ilnik, Three Hills, & Bear R. sections	Port Moller Bight & Herendeen-Moller Bay sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills sections	Northern District Totals
Year		Cinder River Section	Heiden Section ^a	Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c					
2002	Catch	1,548	0	111	121,054	251,377	596,270	968,701	1,022	325,904	35,744	1,333,030
	Escapement ^c	10,790	0	38,350	43,000	650	275,000	318,650	1500	338,400	12,000	719,690
	Total	12,338	0	38,461	164,054	252,027	871,270	1,287,351	2,522	664,304	47,744	2,052,720
2003	Catch	2,775	0	0	267,495	238,674	491,857	998,026	44	373,252	40,126	1,414,223
	Escapement ^c	102,700	0	153,600	69,000	300	432,000	501,300	500	364,211	11,100	1,133,411
	Total	105,475	0	153,600	336,495	238,974	923,857	1,499,326	544	737,463	51,226	2,547,634
2004	Catch	0	0	0	1,115,036	63,935	611,147	1,790,118	0	527,637	17,604	2,335,359
	Escapement ^c	58,100	0	103,600	82,000	600	467,000	549,600	2250	515,397	17,900	1,246,847
	Total	58,100	0	103,600	1,197,036	64,535	1,078,147	2,339,718	2,250	1,043,034	35,504	3,582,206
2005	Catch	116	0	1,835	1,370,001	193,621	1,030,989	2,594,611	12	334,702	9,971	2,941,247
	Escapement ^c	133,500	0	111,500	154,000	5,700	655,300	815,000	500	303,000	47,500	1,411,000
	Total	133,616	0	113,335	1,524,001	199,321	1,686,289	3,409,611	512	637,702	57,471	4,352,247
2006	Catch	0	0	1,151	1,317,901	153,343	576,552	2,047,796	0	255,265	8,430	2,312,642
	Escapement ^c	141,100	0	142,610	88,000	1,800	493,000	582,800	3000	226,000	7,530	1,103,040
	Total	141,100	0	143,761	1,405,901	155,143	1,069,552	2,630,596	3,000	481,265	15,960	3,415,682
2007	Catch	0	387,786	842	1,776,430	234,930	617,402	2,628,762	206	337,556	4,273	3,359,425
	Escapement ^c	142,000	0	57,700	93,000	1,500	475,702	570,202	3100	187,000	16,800	976,802
	Total	142,000	387,786	58,542	1,869,430	236,430	1,093,104	3,198,964	3,306	524,556	21,073	4,336,227
2008	Catch	0	320,857	1,574	885,634	123,344	417,261	1,426,239	128	183,330	20,332	1,952,460
	Escapement ^c	129,800	0	91,750	44,300	2,000	353,200	399,500	1,220	178,600	44,000	844,370
	Total	129,800	320,857	93,324	929,934	125,344	770,461	1,825,739	1,348	361,930	64,332	2,796,830
2009	Catch	0	762,643	0	651,624	93,388	652,873	1,397,885	0	214,302	14,712	2,389,542
	Escapement ^c	133,600	0	88,200	66,000	1,600	385,500	453,100	3,000	159,500	8,000	845,400
	Total	133,600	762,643	88,200	717,624	94,988	1,038,373	1,850,985	3,000	373,802	22,712	3,234,942

-continued-

Table 4.—Page 7 of 8.

Year		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined Ilnik, Three Hills, & Bear R. sections	Port Moller Bight & Herendeen- Moller Bay sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills sections	Northern District Totals
2010	Catch	0	786,025	236	660,074	51,556	558,702	1,270,332	416	93,715	24,449	2,175,173
	Escapement ^e	108,900	0	68,000	59,000	1,100	406,500	466,600	1,300	157,000	28,500	830,300
	Total	108,900	786,025	68,236	719,074	52,656	965,202	1,736,932	1,716	250,715	52,949	3,005,473
2011	Catch	0	375,128	0	303,064	11,189	120,652	434,905	414	74,808	17,826	903,081
	Escapement ^e	106,000	0	94,200	43,000	1,505	377,500	422,005	800	113,000	10,200	746,205
	Total	106,000	375,128	94,200	346,064	12,694	498,152	856,910	1,214	187,808	28,026	1,649,286
2012	Catch	0	268,226	0	251,794	0	12,912	264,706	0	116,685	57,398	707,015
	Escapement ^e	76,620	0	47,600	61,000	100	316,700	377,800	900	137,800	23,700	664,420
	Total	76,620	268,226	47,600	312,794	100	329,612	642,506	900	254,485	81,098	1,371,435
2013	Catch	15	254,916	0	81,289	16,983	94,335	192,607	0	217,327	32,373	697,238
	Escapement ^e	95,500	0	66,000	51,000	2,800	458,000	511,800	2,500	263,000	9,300	948,100
	Total	95,515	254,916	66,000	132,289	19,783	552,335	704,407	2,500	480,327	41,673	1,645,338
2014	Catch	0	421,166	0	788,361	84,868	400,981	1,274,210	158	210,858	19,173	1,925,565
	Escapement ^e	105,000	0	110,200	63,000	1,900	525,002	589,902	3,000	286,000	14,400	1,108,502
	Total	105,000	421,166	110,200	851,361	86,768	925,983	1,864,112	3,158	496,858	33,573	3,034,067
2015	Catch	0	867,350	0	460,412	522,408	495,409	1,478,229	1,256	312,894	34,342	2,696,613 ^h
	Escapement ^e	132,600	0	149,700	26,000	1,200	631,000	658,200	3,000	335,000	25,000	1,303,500
	Total	132,600	867,350	149,700	486,412	523,608	1,126,409	2,136,429	4,256	647,894	59,342	4,000,113
2016	Catch	ⁱ	632,474	0	2,168,297	57,919	255,837	2,482,053	387	301,786	47,096	3,463,796
	Escapement ^e	205,700	200	117,310	124,000	3,200	607,400	734,600	26,400	363,000	23,600	1,470,810
	Total	205,700	632,674	117,310	2,292,297	61,119	863,237	3,216,653	26,787	664,786	70,696	4,887,510
2017	Catch	ⁱ	502,531	0	2,528,527	89,133	288,927	2,906,587	ⁱ	347,562	15,822	3,772,502
	Escapement ^e	234,800	10	191,745	238,000	3,000	945,000	1,186,000	7,000	430,000	8,300	2,057,855
	Total	234,800	502,541	191,745	2,766,527	92,133	1,233,927	4,092,587	7,000	777,562	24,122	5,830,357

-continued-

Table 4.—Page 8 of 8.

		Cinder River Section	Outer Port Heiden Section ^a	Inner Port Heiden Section ^b	Ilnik Section	Three Hills Section	Bear River Section ^c	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen— Moller Bay Sections	Nelson Lagoon Section ^d	Caribou Flats & Black Hills Sections	Northern District Totals
2018	Catch	ⁱ	356,014	0	1,067,597	361,790	397,206	1,826,593	ⁱ	165,303	2,318	2,350,646 ^h
	Escapement ^e	191,300	0	138,200	81,000	1,900	592,800	675,700	6,100	261,000	10,200	1,282,500
	Total	191,300	356,014	138,200	1,148,597	363,690	990,006	2,502,293	6,100	426,303	12,518	3,633,146
2019	Catch	0	527,343	0	1,529,368	93,776	159,481	1,782,625	ⁱ	83,879	1,318	2,395,165
	Escapement ^e	95,775	0	111,250	75,000	2,200	571,800	649,000	2,300	128,000	18,800	1,005,125
	Total	95,775	527,343	111,250	1,604,368	95,976	731,281	2,431,625	2,300	211,879	20,118	3,400,290
2009-2018 average												
	Catch	2	522,647	24	896,104	128,923	327,783	1,352,811	329	205,524	26,551	2,042,729
	Escapement ^e	139,002	21	107,116	81,200	1,831	524,540	607,571	5,400	250,530	16,120	1,125,759
	Total	139,004	522,668	107,139	977,304	130,754	852,324	1,960,381	5,663	456,054	42,671	3,233,876

Note: Catch numbers do not include test fish harvest or fish retained for personal use.

^a Outer Port Heiden Section catches occurred only between 1986 and 1989, and from 2007 onward. This section was closed between 1990 and 2006.

^b Inner Port Heiden escapements include Meshik River, Red and Yellow Bluff creeks, and minimal escapements from Birthday and Charles creeks.

^c Escapement includes all sockeye systems, mainly Bear and Sandy Rivers combined with post weir estimates.

^d Nelson Lagoon escapement includes tributaries David's and Caribou Rivers.

^e Escapements are indexed totals except for Bear, Sandy, Ilnik, and Nelson Rivers where weir and tower counts are used.

^f Ilnik Section and Three Hills Section combined.

^g These figures are extrapolated estimates.

^h Aggregates include harvest omitted for confidentiality purposes

ⁱ Confidentiality rules prohibit reporting.

Table 5.—Port Moller Bight, Bear River, Three Hills, and Ilnik sections combined salmon harvest by species and day, 2019.

Catch date	Permits ^a	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
20-Jun ^b	118	179	398	49,540	0	168	53
21-Jun	61	66	99	17,683	0	46	44
22-Jun	43	45	75	11,705	0	5	15
23-Jun	35	38	86	16,654	0	21	11
24-Jun	74	86	143	28,482	0	33	20
25-Jun	99	100	120	21,208	0	26	1
26-Jun ^c	0	-	-	-	-	-	-
27-Jun	78	94	64	34,000	0	55	7
28-Jun	67	73	114	34,773	0	218	15
29-Jun	70	75	80	32,675	0	185	15
30-Jun	105	144	40	63,573	0	99	55
1-Jul	56	58	38	17,065	0	83	12
2-Jul ^c	0	-	-	-	-	-	-
3-Jul	121	134	39	71,722	0	822	60
4-Jul	78	104	30	51,545	0	252	23
5-Jul	79	96	19	37,612	0	335	68
6-Jul	93	99	17	51,184	0	297	53
7-Jul ^c	0	-	-	-	-	-	-
8-Jul	68	88	17	61,832	0	116	56
9-Jul	81	102	14	60,819	1	207	22
10-Jul	53	70	7	25,860	1	64	80
11-Jul	104	108	7	54,450	0	414	136
12-Jul	80	115	11	59,883	3	593	241
13-Jul	98	111	7	46,730	30	853	414
14-Jul	65	70	8	36,022	31	1,154	967
15-Jul	61	88	7	43,564	4	426	456
16-Jul	53	72	2	31,574	1	571	274
17-Jul	92	107	2	62,379	32	963	879
18-Jul	104	154	5	98,432	131	1,463	2,685
19-Jul	68	71	1	42,041	32	829	1,991
20-Jul	59	73	4	35,043	79	662	768
21-Jul	54	78	2	32,455	84	674	2,048
22-Jul	62	67	3	27,014	38	889	958
23-Jul	64	70	0	14,698	44	562	753
24-Jul	65	82	2	26,062	156	1,974	1,249
25-Jul	67	93	2	42,372	369	1,500	948
26-Jul	70	90	1	59,343	327	2,960	1,874
27-Jul	51	64	1	63,477	397	2,877	855
28-Jul	21	22	0	11,805	72	303	135
29-Jul	61	65	1	37,841	249	1,402	1,235
30-Jul	60	62	2	17,194	110	1,777	913
31-Jul	39	41	0	7,279	55	666	407

-continued-

Table 5.—Page 2 of 2.

Catch date	Permits ^a	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
1-Aug ^d	-	-	-	-	-	-	-
2-Aug ^d	-	-	-	-	-	-	-
3-Aug ^c	10	10	0	3,758	33	115	318
4-Aug ^d	-	-	-	-	-	-	-
5-Aug ^d	-	-	-	-	-	-	-
6-Aug ^d	-	-	-	-	-	-	-
7-Aug	10	10	0	5,139	16	102	284
8-Aug	77	90	0	30,939	1,012	3,960	2,613
9-Aug	58	65	0	20,699	804	4,686	1,556
10-Aug	87	95	1	17,672	1,284	5,612	1,610
11-Aug	45	67	0	9,660	341	1,596	571
12-Aug	49	51	1	12,019	324	2,701	978
13-Aug	66	80	0	13,895	764	7,449	1,049
14-Aug	35	49	1	11,441	772	4,681	620
15-Aug	40	51	0	12,811	392	3,633	821
16-Aug	56	63	9	19,258	2,478	16,720	1,124
17-Aug	69	83	0	15,517	3,497	13,967	1,040
18-Aug	29	38	0	7,228	1,934	2,902	635
19-Aug	27	28	2	6,165	421	1,619	578
20-Aug	38	38	0	3,974	921	2,105	224
21-Aug	45	50	1	7,617	958	3,244	632
22-Aug	27	29	0	3,677	402	818	409
23-Aug	24	35	0	6,705	614	2,767	661
24-Aug	7	7	0	1,506	39	130	155
25-Aug	13	16	0	2,671	304	348	115
26-Aug	17	22	0	9,506	1,052	3,320	513
27-Aug	19	21	0	3,769	657	607	267
28-Aug	8	8	0	2,483	579	939	164
29-Aug	11	11	0	1,772	512	111	119
30-Aug	11	13	0	2,114	399	186	150
31-Aug	3	3	0	500	45	84	71
1-Sep ^d	-	-	-	-	-	-	-
2-Sep ^d	-	-	-	-	-	-	-
3-Sep	6	6	0	1,313	61	41	81
4-Sep ^c	4	4	0	463	46	13	44
Total ^f	144	4,422	1,573	1,782,625	23,018	112,315	38,422

Note: Catch numbers do not include test fish harvest or fish retained for personal use. Cost-recovery fisheries occurred on August 3 and August 7.

^a Total permits includes total number of unique permits fished

^b All harvest before this date are confidential.

^c No effort.

^d Confidentiality rules prohibit reporting.

^e All harvests after this date are confidential.

^f Totals may include harvests omitted for confidentiality purposes.

Table 6.—North Peninsula coho salmon harvest in number of fish by district and section, 2009–2019.

Section	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2009– 2018 average
Northwestern District												
Dublin Bay	0	0	0	0	0	0	0	0	0	0	0	0
Urilia Bay	0	0	0	7	0	0	0	0	19	0	0	3
Swanson Lagoon	0	27	9	0	0	0	0	0	0	0	0	4
Bechevin Bay	50	272	905	37	0	0	0	0	0	0	1,417	126
Izembek - Moffet Bay	0	226	1,533	1,937	25	6,311	599	2,379	124	9,683	3,295	2,282
Northwestern District total	50	525	2,447	1,981	25	6,311	599	2,379	143	9,683	4,712	2,414
Northern District												
Black Hills	743	1,026	596	3,929	323	808	239	689	244	0	32	860
Caribou Flats ^a	0	0	0	0	0	0	0	0	0	0	0	0
Nelson Lagoon	37,060	44,821	13,119	31,476	21,734	58,849	41,574	27,312	329	31,058	13,653	30,733
Herendeen – Moller Bay ^b	0	0	3	0	0	2	6	0	^c	0	^c	1
Bear River	9,809	9,632	2,195	0	2,298	9,705	7,617	3,585	957	9,605	6,847	5,540
Three Hills	6,862	2,193	637	0	1,162	6,526	2,157	4,715	1,434	19,974	2,590	4,566
Ilnik	11,682	3,112	432	3	1,674	22,167	4,621	34,353	3,450	33,134	13,581	11,463
Inner Port Heiden	0	0	0	0	0	0	0	0	0	0	0	0
Outer Port Heiden ^c	507	838	11	10	40	8	326	5	98	1,756	1,033	360
Cinder River	^c	0	0	0	^c	^c	0	^c	^c	^c	0	0
Northern District total	66,663	61,622	16,993	35,418	27,231	98,065	56,540	70,659	6,512	95,527	37,736	53,523
North Peninsula total	66,713	62,147	19,440	37,399	27,256	104,376	57,139	73,038	6,655	105,210	42,448	55,937

Note: Catch numbers do not include test fish harvest or fish retained for personal use.

^a Caribou Flats Section: no open season.

^b Includes Port Moller Bight Section.

^c Confidentiality requirements prevent the release of this information.

Table 7.—Northwestern District pink salmon runs in number of fish, 1962–2019.

Year		Izembek–Moffet Bay ^a	Dublin, Urilia & Bechevin Bays & Swanson Lagoon ^a	Northwestern District total ^b
1962	Catch	0	30,800	30,800
	Escapement ^c	0	4,000	4,000
	Total	0	34,800	34,800
1963	Catch	0	6,000	6,000
	Escapement ^c	0	4,400	4,400
	Total	0	10,400	10,400
1964	Catch	100	6,700	6,800
	Escapement ^c	0	15,000	15,000
	Total	100	21,700	21,800
1965	Catch	0	2,000	2,000
	Escapement ^c	0	900	900
	Total	0	2,900	2,900
1966	Catch	0	16,000	16,000
	Escapement ^c	400	1,300	1,700
	Total	400	17,300	17,700
1967	Catch	0	300	300
	Escapement ^c	200	500	700
	Total	200	800	1,000
1968	Catch	0	0	0
	Escapement ^c	1,500	25,000	26,500
	Total	1,500	25,000	26,500
1969	Catch	0	0	0
	Escapement ^c	2,300	2,100	4,400
	Total	2,300	2,100	4,400
1970	Catch	9	7,836	7,845
	Escapement ^c	0	11,100	11,100
	Total	9	18,936	18,945
1971	Catch	3	273	276
	Escapement ^c	100	8,400	8,500
	Total	103	8,673	8,776
1972	Catch	16	16	32
	Escapement ^c	0	1,200	1,200
	Total	16	1,216	1,232
1973	Catch	4	30	34
	Escapement ^c	0	200	200
	Total	4	230	234

-continued-

Table 7.–Page 2 of 5.

Year		Izembek–Moffet Bay ^a	Dublin, Urilia & Bechevin Bays & Swanson Lagoon ^a	Northwestern District total ^b
1974	Catch	0	10,306	10,306
	Escapement ^c	0	23,000	23,000
	Total	0	33,306	33,306
1975	Catch	2	7	9
	Escapement ^c	100	500	600
	Total	102	507	609
1976	Catch	50	35	85
	Escapement ^c	100	37,200	37,300
	Total	150	37,235	37,385
1977	Catch	0	0	0
	Escapement ^c	200	6,200	6,400
	Total	200	6,200	6,400
1978	Catch	2,165	465,617	467,782
	Escapement ^c	0	90,400	90,400
	Total	2,165	556,017	558,182
1979	Catch	6	3,371	3,377
	Escapement ^c	0	9,300	9,300
	Total	6	12,671	12,677
1980	Catch	0	297,929	297,929
	Escapement ^c	0	94,000	94,000
	Total	0	391,929	391,929
1981	Catch	0	9,063	9,063
	Escapement ^c	0	5,700	5,700
	Total	0	14,763	14,763
1982	Catch	14	5,071	5,085
	Escapement ^c	200	51,500	51,700
	Total	214	56,571	56,785
1983	Catch	0	593	1,318
	Escapement ^c	0	3,900	3,900
	Total	0	4,493	5,218
1984	Catch	141	9,728	9,869
	Escapement ^c	0	33,000	33,000
	Total	141	42,728	42,869
1985	Catch	8	1,944	1,952
	Escapement ^c	0	1,400	1,400
	Total	8	3,344	3,352

-continued-

Table 7.—Page 3 of 5.

Year		Izembek–Moffet Bay ^a	Dublin, Uralia & Bechevin Bays & Swanson Lagoon ^a	Northwestern District total ^b
1986	Catch	0	9,885	9,885
	Escapement ^c	0	12,900	12,900
	Total	0	22,785	22,785
1987	Catch	7	839	846
	Escapement ^c	0	1,100	1,100
	Total	7	1,939	1,946
1988	Catch	1,152	29,003	30,155
	Escapement ^c	1,800	26,700	28,500
	Total	2,952	55,703	58,655
1989	Catch	0	3,195	3,195
	Escapement ^c	0	1,900	1,900
	Total	0	5,095	5,095
1990	Catch	130	0	130
	Escapement ^c	400	21,800	22,200
	Total	530	21,800	22,330
1991	Catch	7	3,402	3,409
	Escapement ^c	0	1,200	1,200
	Total	7	4,602	4,609
1992	Catch	679	7,637	8,316
	Escapement ^c	600	3	603
	Total	1,279	7,640	8,919
1993	Catch	5	51	56
	Escapement ^c	0	700	700
	Total	5	751	756
1994	Catch	133	188,003	188,136
	Escapement ^c	1,000	93,700	94,700
	Total	1,133	281,703	282,836
1995	Catch	7	1,377	1,384
	Escapement ^c	200	5,000	5,200
	Total	207	6,377	6,584
1996	Catch	587	2,580	3,167
	Escapement ^c	19,200	197,400	216,600
	Total	19,787	199,980	219,767
1997	Catch	32	5,104	5,136
	Escapement ^c	0	4,800	4,800
	Total	32	9,904	9,936

-continued-

Table 7.—Page 4 of 5.

Year		Izembek–Moffet Bay ^a	Dublin, Uralia & Bechevin Bays & Swanson Lagoon ^a	Northwestern District total ^b
1998	Catch	245	15,910	16,155
	Escapement ^c	9,000	120,500	129,500
	Total	9,245	136,410	145,655
1999	Catch	0	1,172	1,172
	Escapement ^c	0	14,500	14,500
	Total	0	15,672	15,672
2000	Catch	14	17,855	17,869
	Escapement ^c	0	35,900	35,900
	Total	14	53,755	53,769
2001	Catch	639	3,518	4,157
	Escapement ^c	400	6,500	6,900
	Total	1,039	10,018	11,057
2002	Catch	971	2,807	3,778
	Escapement ^c	1,200	10,700	11,900
	Total	2,171	13,507	15,678
2003	Catch	591	113	704
	Escapement ^c	0	800	800
	Total	591	913	1,504
2004	Catch	1,328	10,106	11,434
	Escapement ^c	1,000	84,300	85,300
	Total	2,328	94,406	96,734
2005	Catch	1,503	445	1,948
	Escapement ^c	18	8,720	8,738
	Total	1,521	9,165	10,686
2006	Catch	786	56,229	57,015
	Escapement ^c	12,840	116,075	128,915
	Total	13,626	172,304	185,930
2007	Catch	4,713	132,304	137,017
	Escapement ^c	3,850	11,900	15,750
	Total	8,563	144,204	152,767
2008	Catch	2,795	13,746	16,541
	Escapement ^c	0	11,900	11,900
	Total	2,795	25,646	28,441
2009	Catch	343	274,510	274,853
	Escapement ^c	2,400	72,000	74,400
	Total	2,743	346,510	349,253

-continued-

Table 7.—Page 5 of 5.

Year		Izembek– Moffet Bay ^a	Dublin, Urilia & Bechevin Bays & Swanson Lagoon ^a	Northwestern District total ^b
2010	Catch	1,219	5,231	6,450
	Escapement ^c	1,700	13,600	15,300
	Total	2,919	18,831	21,750
2011	Catch	4,466	104,029	108,495
	Escapement ^c	0	2,400	2,400
	Total	4,466	106,429	110,895
2012	Catch	478	416	894
	Escapement ^c	3,300	7,603	10,903
	Total	3,778	8,019	11,797
2013	Catch	165	2,958	3,123
	Escapement ^c	3,300	3,800	7,100
	Total	3,465	6,758	10,223
2014	Catch	1,516	48	1,564
	Escapement ^c	5,300	2,200	7,500
	Total	6,816	2,248	9,064
2015	Catch	6,087	0	6,087
	Escapement ^c	29,500	136,300	165,800
	Total	35,587	136,300	171,887
2016	Catch	1,812	0	1,812
	Escapement ^c	29,500	4,750	34,250
	Total	31,312	4,750	36,062
2017	Catch	2,867	2,126	4,993
	Escapement ^c	62,500	249,215	311,715
	Total	65,367	251,341	316,708
2018	Catch	2,509	0	2,509
	Escapement ^c	8,900	2,200	11,100
	Total	11,409	2,200	13,609
2019	Catch	15,125	445,229	460,354
	Escapement ^c	44,700	157,500	202,200
	Total	59,825	602,729	662,554
2009–2018 average ^d				
	Catch	2,786	76,725	79,510
	Escapement ^c	19,540	92,743	112,283
	Total	22,326	169,468	191,793

Note: Catch numbers do not include test fish harvest or fish retained for personal use. Differences in totals may occur between tables due to confidentiality requirements.

^a Statistical area 311-58 was moved from the Bechevin Bay Section to the Izembek–Moffet Bay Section in 2001.

^b Catch numbers include a small harvest from the Dublin Bay Section in 1983, 2006, and 2011.

^c Escapements are estimated totals.

^d Averages include only the odd-numbered years 2009, 2011, 2013, 2015, and 2017.

Table 8.—Northern District chum salmon runs in number of fish, 1962–2019.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay sections	Nelson Lagoon Section	Caribou Flats & Black Hills sections	Northern District totals
1962	Catch	200	0	8,600	600	7,000	0	3,700	0	20,100
	Escapement ^a	500	0	1,900 ^b	1,500 ^b	1,500	18,300	9,700	1,000 ^b	34,400
	Total	700	0	10,500 ^b	2,100 ^b	8,500	18,300	13,400	1,000 ^b	54,500
1963	Catch	0	0	0	700	600	0	4,100	0	5,400
	Escapement ^a	1,200	0	7,400 ^b	1,500 ^b	3,000 ^b	26,000	7,000	1,300 ^b	47,000
	Total	1,200	0	7,400 ^b	2,200 ^b	3,600 ^b	26,000	11,000	1,300 ^b	52,700
1964	Catch	0	0	0	2,300	6,500	39,800	3,400	0	52,000
	Escapement ^a	200	0	1,000	1,500 ^b	3,000	35,900	2,000	1,000 ^b	44,600
	Total	200	0	1,000	3,800 ^b	9,500	75,700	5,400	1,000 ^b	96,600
1965	Catch	0	0	800	2,300	1,500	13,600	2,200	0	20,400
	Escapement ^a	0	0	8,500	1,500 ^b	1,000	8,000	4,000	500 ^b	23,500
	Total	0	0	9,300	3,800 ^b	2,500	21,600	6,200	500 ^b	43,900
1966	Catch	0	0	0	300	3,700	17,900	4,800	0	26,700
	Escapement ^a	4,400	0	3,400 ^b	1,500 ^b	1,000	56,200	17,000	2,000	85,500
	Total	4,400	0	3,400 ^b	1,800 ^b	4,700	74,100	22	2,000	112,200
1967	Catch	0	0	0	0	13,600	2,400	5,100	0	21,100
	Escapement ^a	2,500	0	3,000	9,600	2,500	25,000	29,800	2,000 ^b	74,400
	Total	2,500	0	3,000	9,600	16,100	27,400	34,900	2,000 ^b	95,500
1968	Catch	0	0	0	3,100	7,500	10,500	3,500	0	24,600
	Escapement ^a	0	0	11,000 ^b	0	9,500	47,700	18,100	2,000	88,300
	Total	0	0	11,000 ^b	3,100	17,000	58,200	21,600	2,000	112,900
1969	Catch	0	0	1,200	1,300	10,300	7,800	3,500	0	24,100
	Escapement ^a	2,500	0	11,000 ^b	1,500 ^b	1,000	14,000	13,000	500	43,500
	Total	2,500	0	12,200 ^b	2,800 ^b	11,300	21,800	16,500	500	67,600

-continued-

Table 8.–Page 2 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay sections	Nelson Lagoon Section	Caribou Flats & Black Hills sections	Northern District totals
1970	Catch	0	0	0	1,165	14,430	12,242	7,664	9	35,510
	Escapement ^a	1,300	0	22,000	500	2,000	42,800	36,000	1,500 ^b	106,100
	Total	1,300	0	22,000	1,665	16,430	55,042	43,664	1,509 ^b	141,610
1971	Catch	0	0	0	2,513	12,980	1,156	3,785	0	20,434
	Escapement ^a	2,500	0	12,100	800	0	14,500	19,000	500 ^b	49,400
	Total	2,500	0	12,100	3,313	12,980	15,656	22,785	500 ^b	69,834
1972	Catch	0	0	35	767	13,956	7,384	3,187	0	25,329
	Escapement ^a	5,300	0	12,200	500	3,700	8,000	16,800	500 ^b	47,000
	Total	5,300	0	12,235	1,267	17,656	15,384	19,987	500 ^b	72,329
1973	Catch	0	0	0	825	34,916	12,173	1,776	0	49,690
	Escapement ^a	600	0	22,800	800	800	3,700	12,700	0	41,400
	Total	600	0	22,800	1,625	35,716	15,873	14,476	0	91,090
1974	Catch	0	0	0	1,302	15,051	3,186	483	14	20,036
	Escapement ^a	4,600	0	4,500	0	1,500	3,700	8,300	400	23,000
	Total	4,600	0	4,500	1,302	16,551	6,886	8,783	414	43,036
1975	Catch	0	0	17	122	3,841	256	657	0	4,893
	Escapement ^a	300	0	1,500	2,000	2,000	7,300	4,500	0	17,600
	Total	300	0	1,517	2,122	5,841	7,556	5,157	0	22,493
1976	Catch	0	0	1,142	2,892	12,300	5,482	5,778	0	27,594
	Escapement ^a	1,900	0	30,700	5,700	18,000	28,500	42,500	100	127,400
	Total	1,900	0	31,842	8,592	30,300	33,982	48,278	100	154,994
1977	Catch	0	0	1,308	7,113	32,259	34,847	10,566	141	86,234
	Escapement ^a	1,700 ^b	0	32,000	1,500 ^b	17,000	108,500	83,300	1,500	245,500
	Total	1,700 ^b	0	33,308	8,613 ^b	49,259	143,347	93,866	1,641	331,734

-continued-

Table 8.—Page 3 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay sections	Nelson Lagoon Section	Caribou Flats & Black Hills sections	Northern District totals
1978	Catch	0	0	437	1,242	14,594	6,558	10,323	0	33,154
	Escapement ^a	7,400	0	22,000	1,500 ^b	15,500 ^b	89,300	10,200	1,000 ^b	146,900
	Total	7,400	0	22,437	2,742 ^b	30,094 ^b	95,858	20,523	1,000 ^b	180,054
1979	Catch	27	0	776	680	17,379	10,852	5,657	0	35,371
	Escapement ^a	3,600 ^b	0	32,700 ^b	0	7,000	30,600	37,000	4,000	114,900
	Total	3,627 ^b	0	33,476 ^b	680	24,379	41,452	42,657	4,000	150,271
1980	Catch	20	0	2,580	29,773	161,666	58,560	80,086	0	332,685
	Escapement ^a	10,000 ^b	0	33,700 ^b	10,000 ^b	20,000 ^b	116,100	164,000	10,400	364,200
	Total	10,020 ^b	0	36,280 ^b	39,773 ^b	181,666 ^b	174,660	244,086	10,400	696,885
1981	Catch	0	0	227	7,148	154,995	126,188	62,764	0	351,322
	Escapement ^a	11,800 ^b	0	73,400 ^b	11,000 ^b	27,200	85,000	57,000	11,000 ^b	276,400
	Total	11,800 ^b	0	73,627 ^b	18,148 ^b	182,195	211,188	119,764	11,000 ^b	627,722
1982	Catch	0	0	724	21,199	142,439	50,184	21,426	42	236,014
	Escapement ^a	5,500 ^b	0	35,500 ^b	1,000	42,400	152,000	29,100	2,000 ^b	267,500
	Total	5,500 ^b	0	36,224 ^b	22,199	184,839	202,184	50,526	2,042 ^b	503,514
1983	Catch	2	0	0	26,091	87,264	51,333	13,991	0	178,681
	Escapement ^a	17,200	0	14,500	11,200	15,000 ^b	126,000	14,000	1,200	199,100
	Total	17,202	0	14,500	37,291	102,264 ^b	177,333	27,991	1,200	377,781
1984	Catch	0	0	160	174,150	242,329	119,219	78,401	9	614,268
	Escapement ^a	13,000	0	85,000	4,000	7,000	241,300	49,000	10,000	409,300
	Total	13,000	0	85,160	178,150	249,329	360,519	127,401	10,009	1,023,568
1985	Catch	2	0	0	86,644	68,315	261,945	6,583	0	423,489
	Escapement ^a	3,200	0	26,500	200	5,200	71,700	13,000	4,100	123,900
	Total	3,202	0	26,500	86,844	73,515	333,645	19,583	4,100	547,389

-continued-

Table 8.–Page 4 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay sections	Nelson Lagoon Section	Caribou Flats & Black Hills sections	Northern District totals
1986	Catch	2	55	838	38,678	86,681	27,793	3,606	0	157,653
	Escapement ^a	2,200	0	12,000	0	6,400	55,800	800	700	77,900
	Total	2,202	55	12,838	38,678	93,081	83,593	4,406	700	235,498
1987	Catch	35	0	1,006	47,991	85,533	14,213	6,659	9	155,446
	Escapement ^a	2,400	0	55,400	100	5,000	88,600	5,200	4,700	161,400
	Total	2,435	0	56,406	48,091	90,533	102,813	11,859	4,709	316,846
1988	Catch	0	11	4,800	47,828	73,696	75,821	12,634	0	214,790
	Escapement ^a	5,300	0	41,600	100	3,000	76,500	11,000	6,600	144,100
	Total	5,300	11	46,400	47,928	76,696	152,321	23,634	6,600	358,879
1989	Catch	27	55	1,150	16,919	40,158	66,042	5,018	1,881	131,250
	Escapement ^a	5,000	0	8,900	0	3,500	83,400	800	700	102,300
	Total	5,027	55	10,050	16,919	43,658	149,442	5,818	2,581	233,495
1990	Catch	99	0	269	7,741	26,917	57,534	2,163	818	95,541
	Escapement ^a	4,000	0	7,000	200 ^b	1,100	101,600	1,000 ^b	700	115,600
	Total	4,099	0	7,269	7,941 ^b	28,017	159,134	3,163 ^b	1,518	211,141
1991	Catch	219	0	445	20,807	72,786	23,554	7,374	3,353	128,538
	Escapement ^a	4,500	0	13,400	0	2,400 ^b	55,000	5,000 ^b	1,200	81,500
	Total	4,719	0	13,845	20,807	75,186 ^b	78,554	12,374 ^b	4,553	210,038
1992	Catch	355	0	1,183	29,345	62,229	135,874	7,738	160	236,884
	Escapement ^a	5,000	0	22,100	300	500	89,700	16,200	2,600	136,400
	Total	5,355	0	23,283	29,645	62,729	225,574	23,938	2,760	373,284
1993	Catch	162	0	58	2,400	30,528	47,569	4,533	1,313	86,563
	Escapement ^a	4,000 ^b	0	11,000 ^b	400 ^b	5,700	156,700	4,400	1,200	183,400
	Total	4,162 ^b	0	11,058 ^b	2,800 ^b	36,228	204,269	8,933	2,513	269,963

-continued-

Table 8.—Page 5 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay sections	Nelson Lagoon Section	Caribou Flats & Black Hills sections	Northern District totals
1994	Catch	43	0	257	12,473	25,834	852	3,984	215	43,658
	Escapement ^a	24,400	0	30,000	300 ^b	4,000	163,600	5,500	3,000	230,800
	Total	24,443	0	30,257	12,773 ^b	29,834	164,452	9,484	3,215	274,458
1995	Catch	50	0	109	28,154	36,937	2,498	4,583	257	72,588
	Escapement ^a	13,900	0	91,800	1,100	2,200	230,600	5,200	3,000	347,800
	Total	13,950	0	91,909	29,254	39,137	233,098	9,783	3,257	420,388
1996	Catch	19	0	517	17,061	34,844	546	6,296	942	60,225
	Escapement ^a	25,000 ^b	0	50,000 ^b	0	4,000	353,200	3,600	600	436,400
	Total	25,019 ^b	0	50,517 ^b	17,061	38,844	353,746	9,896	1,542	496,625
1997	Catch	72	0	5	9,224	31,212	4,454	3,828	2,374	51,169
	Escapement ^a	30,500	0	61,000 ^b	500	5,000	60,200	1,100	2,700	161,000
	Total	30,572	0	61,005 ^b	9,724	36,212	64,654	4,928	5,074	212,169
1998	Catch	993	0	24	5,781	11,731	260	9,085	9,613	37,487
	Escapement ^a	55,000	0	35,900	4,300	24,500	250,800	9,000	900	380,400
	Total	55,993	0	35,924	10,081	36,231	251,060	18,085	10,513	417,887
1999	Catch	19	0	0	11,052	12,493	166	5,093	13,397	42,220
	Escapement ^a	4,900	0	32,000	1,000	5,300	251,600	4,000	700	299,500
	Total	4,919	0	32,000	12,052	17,793	251,766	9,093	14,097	341,720
2000	Catch	0	0	0	37,619	16,533	55	5,255	3,625	63,087
	Escapement ^a	17,800	0	42,100	2,400	7,600	252,000	15,000	2,000	338,900
	Total	17,800	0	42,100	40,019	24,133	252,055	20,255	5,625	401,987
2001	Catch	9	0	0	17,887	16,486	13,518	5,343	8,054	61,297
	Escapement ^a	5,600	0	38,000	2,400	8,000	203,200	26,000	2,700	285,900
	Total	5,609	0	38,000	20,287	24,486	216,718	31,343	10,754	347,197

-continued-

Table 8.—Page 6 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay sections	Nelson Lagoon Section	Caribou Flats & Black Hills sections	Northern District totals
2002	Catch	0	0	104	6,564	13,452	110	6,849	2,122	29,201
	Escapement ^a	1,000	0	12,800	2,800	9,000	217,500	13,400	6,300	262,800
	Total	1,000	0	12,904	9,364	22,452	217,610	20,249	8,422	292,001
2003	Catch	0	0	0	5,870	5,898	1	7,320	3,089	22,178
	Escapement ^a	7,310	0	33,550	3,100	6,400	153,100	8,300	2,900	214,660
	Total	7,310	0	33,550	8,970	12,298	153,101	15,620	5,989	236,838
2004	Catch	0	0	0	2,278	2,727	0	2,810	665	8,480
	Escapement ^a	1,000	0	44,200	3,400	6,200	72,850	8,700	3,000	139,350
	Total	1,000	0	44,200	5,678	8,927	72,850	11,510	3,665	147,830
2005	Catch	0	0	0	1,602	3,272	0	3,770	271	8,915
	Escapement ^a	0	0	22,000	3,809	10,117	27,000	20,049	20,700	103,675
	Total	0	0	22,000	5,411	13,389	27,000	23,819	20,971	112,590
2006	Catch	0	0	2	46,021	31,780	5,059	7,702	1,766	92,330
	Escapement ^a	33,800	0	124,500	4,103	15,120	188,250	15,100	1,710	382,583
	Total	33,800	0	124,502	50,124	46,900	193,309	22,802	3,476	474,913
2007	Catch	0	7,560	0	38,752	29,508	0	8,123	1,060	85,003
	Escapement ^a	30,500	0	21,200	2,100	9,100	179,150	384	900	243,334
	Total	30,500	7,560	21,200	40,852	38,608	179,150	8,507	1,960	328,337
2008	Catch	0	2,594	0	6,537	3,201	40,722	3,321	16,849	73,224
	Escapement ^a	23,200	0	30,300	7,801	6,187	155,810	3,139	2,100	228,537
	Total	23,200	2,594	30,300	14,338	9,388	196,532	6,460	18,949	301,76
2009	Catch	0	11,261	0	15,081	18,189	0	4,127	3,167	51,825
	Escapement ^a	11,300	1,200	15,600	4,200	2,132	112,400	499	6,800	154,131
	Total	11,300	12,460	15,600	19,281	20,321	112,400	4,626	9,967	205,956

-continued-

Table 8.—Page 7 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay sections	Nelson Lagoon Section	Caribou Flats & Black Hills sections	Northern District totals
2010	Catch	0	6,313	0	19,078	35,812	45,136	4,931	8,723	119,993
	Escapement ^a	3,500	1,200	9,600	1,900	910	108,600	12,000	7,600	145,310
	Total	3,500	7,513	9,600	20,978	36,722	153,736	16,931	16,323	265,303
2011	Catch	0	8,408	0	11,507	7,606	14,714	2,011	20,138	64,384
	Escapement ^a	15,000	1,300	11,350	3,700	2,133	58,200	2,369	2,900	96,952
	Total	15,000	9,708	11,350	15,207	9,739	72,914	4,380	23,038	161,336
2012	Catch	0	6,334	0	8,444	743	11	5,961	73,941	95,434
	Escapement ^a	3,000	2,700	2,100	1,100	6,618	110,700	6,000	8,200	140,418
	Total	3,000	9,034	2,100	9,544	7,361	110,711	11,961	82,141	235,852
2013	Catch	^c	11,849	0	2,053	1,527	^c	7,210	21,185	44,557 ^d
	Escapement ^a	18,200	2,300	32,100	1,800	7,095	43,600	11,136	21,020	137,251
	Total ^d	18,200	14,149	32,100	3,853	8,622	43,600	18,346	42,205	181,808
2014	Catch	^c	2,390	0	5,778	10,809	982	6,052	7,510	33,521
	Escapement ^a	8,100	0	20,825	2,810	14,251	111,400	15,000	19,200	191,586
	Total	8,100	2,390	20,825	8,588	25,060	112,382	21,052	26,710	225,107
2015	Catch	0	1,297	0	7,104	8,075	85	3,436	16,577	36,574
	Escapement ^a	14,200	5,500	32,100	4,200	6,644	100,850	11,000	14,700	189,194
	Total	14,200	6,797	32,100	11,304	14,719	100,935	14,436	31,277	225,768
2016	Catch	^c	560	0	4,055	4,890	^c	6,967	2,484	18,991 ^d
	Escapement ^a	94,900	2,800	28,200	6,600	22,200	98,300	8,474	16,200	277,674
	Total ^d	94,900	3,360	28,200	10,655	27,090	98,300	15,441	18,684	296,665
2017	Catch	^c	582	0	6,856	6,489	^c	7,674	2,966	24,567
	Escapement ^a	48,900	2,200	64,200	4,500	9,872	71,400	2,568	30,800	234,440
	Total	48,900	2,782	64,200	11,356	16,361	71,400	10,242	33,766	259,007

-continued-

Table 8.—Page 8 of 8.

Year		Cinder River Section	Outer Port Heiden Section	Inner Port Heiden Section	Three Hills & Ilnik sections	Bear River Section	Port Moller Bight, Herendeen & Moller Bay sections	Nelson Lagoon Section	Caribou Flats & Black Hills sections	Northern District totals
2018	Catch	^c	12,372	0	24,518	10,380	^c	2,458	1,101	51,644
	Escapement ^a	79,000	900	50,620	3,908	9,139	85,030	912	6,600	236,109
	Total	79,000	13,272	50,620	28,426	19,519	85,030	3,370	7,701	287,753
2019	Catch	0	5,186	0	23,704	14,718	^c	1,178	486	45,272
	Escapement ^a	18,875	115	24,800	2,505	4,985	95,050	1,067	61,000	208,397
	Total	18,875	5,301	24,800	26,209	19,703	95,050	2,245	61,486	253,669
2009–2018 average										
	Catch	0	6,137	0	10,447	10,452	10,155	5,083	15,779	54,149
	Escapement ^a	29,610	2,010	26,670	3,472	8,099	90,048	6,996	13,402	180,307
	Total	29,610	8,147	26,670	13,919	18,551	96,141	12,079	29,181	234,456

Note: Catch numbers do not include test fish harvest or fish retained for personal use. Differences in totals may occur between tables due to confidentiality requirements.

^a Escapements are estimated totals.

^b These figures are extrapolated estimates.

^c Confidentiality requirements prohibit the release of this information.

^d Aggregates may include information not provided due to confidentiality requirements.

Table 9.—Northwestern District chum salmon runs in number of fish, 1962–2019.

Year		Izembek–Moffet Bay Section ^a	Dublin, Bechevin, & Uria bays & Swanson Lagoon ^{a,b}	Northwestern District total
1962	Catch	6,200	8,500	14,700
	Escapement ^c	68,000	48,000	116,500
	Total	74,200	57,000	131,200
1963	Catch	3,200	41,300	44,500
	Escapement ^c	133,500	22,300	155,800
	Total	136,700	63,600	200,300
1964	Catch	60,200	25,700	85,900
	Escapement ^c	95,500	16,000	111,500
	Total	155,700	41,700	197,400
1965	Catch	4,700	44,600	49,300
	Escapement ^c	24,000	1,800	25,800
	Total	28,700	46,400	75,100
1966	Catch	8,900	47,200	56,100
	Escapement ^c	54,000	10,000	64,000
	Total	62,900	57,200	120,100
1967	Catch	9,900	8,900	18,800
	Escapement ^c	32,800	15,400	48,200
	Total	42,700	24,300	67,000
1968	Catch	48,800	200	49,000
	Escapement ^c	142,700	19,800	162,500
	Total	191,500	20,000	211,500
1969	Catch	4,500	1,400	5,900
	Escapement ^c	95,300	8,000	103,300
	Total	99,800	9,400	109,200
1970	Catch	10,032	2,447	12,479
	Escapement ^c	58,100	5,600	63,700
	Total	68,132	8,047	76,179
1971	Catch	36,222	7,498	43,720
	Escapement ^c	54,100	5,900	60,000
	Total	90,322	13,398	103,720
1972	Catch	57,884	1,474	59,358
	Escapement ^c	65,800	11,200	77,000
	Total	123,684	12,674	136,358
1973	Catch	96,610	6,473	103,083
	Escapement ^c	68,100	7,500	75,600
	Total	164,710	13,973	178,683

-continued-

Table 9.—Page 2 of 6.

Year		Izembek–Moffet Bay Section ^a	Dublin, Bechevin, & Uria bays & Swanson Lagoon ^{a,b}	Northwestern District total
1974	Catch	11,302	3,079	14,381
	Escapement ^c	76,000	6,100	82,100
	Total	87,302	9,179	96,481
1975	Catch	3,362	515	3,877
	Escapement ^c	74,300	17,300	91,600
	Total	77,662	17,815	95,477
1976	Catch	38,094	7,901	45,995
	Escapement ^c	127,700	38,300	166,000
	Total	165,794	46,201	211,995
1977	Catch	20,344	22,590	42,934
	Escapement ^c	381,400	54,300	435,700
	Total	401,744	76,890	478,634
1978	Catch	82,316	48,334	130,650
	Escapement ^c	134,100	29,500	163,600
	Total	216,416	77,834	294,250
1979	Catch	17,825	12,515	30,340
	Escapement ^c	178,000	12,400	190,400
	Total	195,825	24,915	220,740
1980	Catch	282,516	84,995	367,511
	Escapement ^c	364,200	41,100	405,300
	Total	646,716	126,095	772,811
1981	Catch	296,440	59,056	355,496
	Escapement ^c	235,000	29,600	264,600
	Total	531,440	88,656	620,096
1982	Catch	57,450	37,669	95,119
	Escapement ^c	166,400	23,800	190,200
	Total	223,850	61,469	285,319
1983	Catch	154,767	13,929	169,626
	Escapement ^c	173,300	20,200	193,500
	Total	328,067	34,129	362,196
1984	Catch	102,692	79,763	182,455
	Escapement ^c	427,500	33,400	460,900
	Total	530,192	113,163	643,355
1985	Catch	126,644	116,483	243,127
	Escapement ^c	194,700	25,700	220,400
	Total	321,344	142,183	463,527

-continued-

Table 9.—Page 3 of 6.

Year		Izembek–Moffet Bay Section ^a	Dublin, Bechevin, & Uria bays & Swanson Lagoon ^{a,b}	Northwestern District total
1986	Catch	69,118	44,445	113,563
	Escapement ^c	142,400	23,300	165,700
	Total	211,518	67,745	279,263
1987	Catch	148,638	64,612	213,250
	Escapement ^c	286,000	55,500	341,500
	Total	434,638	120,112	554,750
1988	Catch	112,172	66,113	178,285
	Escapement ^c	304,400	51,800	356,200
	Total	416,572	117,913	534,485
1989	Catch	14,458	11,284	25,742
	Escapement ^c	90,600	19,400	110,000
	Total	105,058	30,684	135,742
1990	Catch	23,983	6,589	30,572
	Escapement ^c	92,500	18,400	110,900
	Total	116,483	24,989	141,472
1991	Catch	51,521	11,219	62,740
	Escapement ^c	172,400	49,400	221,800
	Total	223,921	60,619	284,540
1992	Catch	61,671	43,061	104,732
	Escapement ^c	182,200	33,100	215,300
	Total	243,871	76,161	320,032
1993	Catch	23,536	24,858	48,394
	Escapement ^c	172,900	46,100	219,000
	Total	196,436	70,958	267,394
1994	Catch	7,010	33,229	40,239
	Escapement ^c	140,500	108,900	249,400
	Total	147,510	142,129	289,639
1995	Catch	9,078	17,627	26,705
	Escapement ^c	88,300	320,000	408,300
	Total	97,378	337,627	435,005
1996	Catch	1,996	5,735	7,731
	Escapement ^c	278,200	108,500	386,700
	Total	280,196	114,235	394,431
1997	Catch	25,186	21,025	46,211
	Escapement ^c	179,500	47,700	227,200
	Total	204,686	68,725	273,411

-continued-

Table 9.—Page 4 of 6.

Year		Izembek–Moffet Bay Section ^a	Dublin, Bechevin, & Uria bays & Swanson Lagoon ^{a,b}	Northwestern District total
1998	Catch	13,242	18,787	32,029
	Escapement ^c	281,800	67,300	349,100
	Total	295,042	86,087	381,129
1999	Catch	0	7,900	7,900
	Escapement ^c	310,200	56,600	366,800
	Total	310,200	64,500	374,700
2000	Catch	3,631	26,978	30,609
	Escapement ^c	196,800	52,400	249,200
	Total	200,431	79,378	279,809
2001	Catch	74,419	38,807	113,226
	Escapement ^c	340,800	66,000	406,800
	Total	415,219	104,807	520,026
2002	Catch	13,793	8,046	21,839
	Escapement ^c	367,000	50,100	417,100
	Total	380,793	58,146	438,939
2003	Catch	9,868	6,709	16,577
	Escapement ^c	199,200	36,800	236,000
	Total	209,068	43,509	252,577
2004	Catch	5,353	1,125	6,478
	Escapement ^c	252,200	43,400	295,600
	Total	257,553	44,525	302,078
2005	Catch	27,810	5,807	33,617
	Escapement ^c	131,365	61,600	192,965
	Total	159,175	67,407	226,582
2006	Catch	27,414	11,974	39,388
	Escapement ^c	131,860	61,600	193,460
	Total	159,274	73,574	232,848
2007	Catch	68,310	27,696	96,006
	Escapement ^c	249,500	85,950	335,450
	Total	317,810	113,646	431,456
2008	Catch	79,229	24,911	104,140
	Escapement ^c	182,900	58,850	241,750
	Total	262,129	83,761	345,890
2009	Catch	17,155	37,014	54,169
	Escapement ^c	42,440	42,020	84,460
	Total	59,595	79,034	138,629

-continued-

Table 9.—Page 5 of 6.

Year		Izembek–Moffet Bay ^a	Dublin, Bechevin, & Uria Bays & Swanson Lagoon ^{a,b}	Northwestern District total
2008	Catch	79,229	24,911	104,140
	Escapement ^c	182,900	58,850	241,750
	Total	262,129	83,761	345,890
2009	Catch	17,155	37,014	54,169
	Escapement ^c	42,440	42,020	84,460
	Total	59,595	79,034	138,629
2010	Catch	125,382	13,688	139,070
	Escapement ^c	113,900	30,200	144,100
	Total	239,282	43,888	283,170
2011	Catch	142,660	86,738	229,398
	Escapement ^c	127,200	24,200	151,400
	Total	269,860	110,938	380,798
2012	Catch	177,270	10,331	187,601
	Escapement ^c	100,150	39,850	140,000
	Total	277,420	50,181	327,601
2013	Catch	77,037	9,345	86,382
	Escapement ^c	51,100	41,700	92,800
	Total	128,137	51,045	179,182
2014	Catch	95,290	24	95,314
	Escapement ^c	42,175	12,350	54,525
	Total	137,465	12,374	149,839
2015	Catch	155,102	0	155,102
	Escapement ^c	60,800	29,000	89,800
	Total	215,902	29,000	244,902
2016	Catch	69,903	0	69,903
	Escapement ^c	74,000	39,250	113,250
	Total	143,903	39,250	183,153
2017	Catch	56,771	892	57,663
	Escapement ^c	104,800	90,900	195,700
	Total	161,571	91,792	253,363

-continued-

Table 9.—Page 6 of 6.

Year		Izembek – Moffet Bay ^a	Dublin, Bechevin, & Urilia Bays & Swanson Lagoon ^{a,b}	Northwestern District total
2018	Catch	105,705	0	105,705
	Escapement ^c	99,905	19,855	119,760
	Total	205,610	19,855	225,465
2019	Catch	131,357	54,515	185,872
	Escapement ^c	132,100	4,600	136,700
	Total	263,457	59,115	236,610
2009–2018 average				
	Catch	102,228	15,803	118,031
	Escapement ^c	81,647	36,933	118,580
	Total	183,875	52,736	236,610

Note: Catch numbers do not include test fish harvest or fish retained for personal use. Differences in totals may occur between tables due to confidentiality requirements.

^a Statistical area 311-58 was moved from the Bechevin Bay Section, to the Izembek–Moffet Bay Section in 2001.

^b Catch numbers include a small harvest from the Dublin Bay Section in 1983, 2006, and 2011.

^c Escapements are rounded indexed totals.

Table 10.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Nelson River weir, 2019.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
11-Jun	1	0	0	0	1	0	0	0
12-Jun	11	0	0	0	12	0	0	0
13-Jun	0	0	0	0	12	0	0	0
14-Jun	21	0	0	0	33	0	0	0
15-Jun	0	0	0	0	33	0	0	0
16-Jun	1	0	0	0	34	0	0	0
17-Jun	171	0	0	0	205	0	0	0
18-Jun	1	0	0	0	206	0	0	0
19-Jun	4	0	0	0	210	0	0	0
20-Jun	0	0	0	0	210	0	0	0
21-Jun	0	0	0	0	210	0	0	0
22-Jun	0	0	0	0	210	0	0	0
23-Jun	1	0	0	0	211	0	0	0
24-Jun	0	0	0	0	211	0	0	0
25-Jun	127	0	0	0	338	0	0	0
26-Jun	24	1	0	0	362	1	0	0
27-Jun	182	0	0	0	544	1	0	0
28-Jun	10	0	1	0	554	1	1	0
29-Jun	0	0	0	0	554	1	1	0
30-Jun	5	0	1	0	559	1	2	0
1-Jul	39	1	5	0	598	2	7	0
2-Jul	11	0	0	0	609	2	7	0
3-Jul	79	0	1	0	688	2	8	0
4-Jul	189	0	0	0	877	2	8	0
5-Jul	121	3	0	0	998	5	8	0
6-Jul	107	10	0	0	1,105	15	8	0
7-Jul	360	15	6	0	1,465	30	14	0
8-Jul	126	1	1	0	1,591	31	15	0
9-Jul	667	6	19	0	2,258	37	34	0
10-Jul	838	1	12	0	3,096	38	46	0
11-Jul	106	1	8	0	3,202	39	54	0
12-Jul	162	6	4	0	3,364	45	58	0
13-Jul	1,179	13	17	0	4,543	58	75	0
14-Jul	532	16	7	0	5,075	74	82	0
15-Jul	190	7	0	0	5,265	81	82	0
16-Jul	965	20	30	0	6,230	101	112	0

-continued-

Table 10.—Page 2 of 2.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
17-Jul	2,822	32	36	0	9,052	133	148	0
18-Jul	256	38	7	0	9,308	171	155	0
19-Jul	382	43	71	0	9,690	214	226	0
20-Jul	902	70	121	0	10,592	284	347	0
21-Jul	71	31	38	0	10,663	315	385	0
22-Jul	14	39	14	0	10,677	354	399	0
23-Jul	426	76	181	0	11,103	430	580	0
24-Jul	33	39	26	0	11,136	469	606	0
25-Jul	35	70	42	0	11,171	539	648	0
26-Jul	478	154	379	0	11,649	693	1,027	0
27-Jul	4	24	40	0	11,653 ^a	717	1,067	0

Note: An estimated 510 Chinook salmon, observed by aerial survey, escaped after the weir was removed for the season. A total of 12,163 Chinook salmon escaped past the weir site in 2019.

^a This number does not include the post weir estimate of 510 Chinook salmon.

Table 11.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Bear River weir, 2019.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
2-Jul	1	0	0	0	1	0	0	0
3-Jul	0	0	0	0	1	0	0	0
4-Jul	0	0	0	0	1	0	0	0
5-Jul	0	0	0	0	1	0	0	0
6-Jul	0	0	0	0	1	0	0	0
7-Jul	0	0	0	0	1	0	0	0
8-Jul	0	10	0	0	1	10	0	0
9-Jul	2	9	0	0	3	19	0	0
10-Jul	0	7	0	0	3	26	0	0
11-Jul	0	3	0	0	3	29	0	0
12-Jul	2	11	0	0	5	40	0	0
13-Jul	2	16	1	0	7	56	1	0
14-Jul	0	3	0	0	7	59	1	0
15-Jul	1	5	0	0	8	64	1	0
16-Jul	1	10	0	0	9	74	1	0
17-Jul	0	1	0	0	9	75	1	0
18-Jul	0	6	0	0	9	81	1	0
19-Jul	0	9	0	0	9	90	1	0
20-Jul	0	2	0	0	9	92	1	0
21-Jul	0	18	0	0	9	110	1	0
22-Jul	0	17	0	0	9	127	1	0
23-Jul	0	7	0	0	9	134	1	0
24-Jul	0	9	0	0	9	143	1	0
25-Jul	0	3	0	0	9	146	1	0
26-Jul	0	13	1	0	9	159	2	0
27-Jul	0	10	0	0	9	169	2	0
28-Jul	1	45	1	0	10	214	3	0
29-Jul	0	70	1	0	10	284	4	0
30-Jul	0	83	2	0	10	367	6	0
31-Jul	0	132	3	0	10	499	9	0
1-Aug	3	149	1	0	13	648	10	0
2-Aug	0	150	1	0	13	798	11	0
3-Aug	0	160	6	0	13	958	17	0
4-Aug	1	87	3	0	14	1,045	20	0
5-Aug	0	76	7	0	14	1,121	27	0
6-Aug	1	183	7	0	15	1,304	34	0
7-Aug	0	130	8	0	15	1,434	42	0
8-Aug	1	149	5	0	16	1,583	47	0
9-Aug	0	118	20	0	16	1,701	67	0
10-Aug	1	70	12	0	17	1,771	79	0

-continued-

Table 11.–Page 2 of 2.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
11-Aug	1	55	21	0	18	1,826	100	0
12-Aug	0	198	50	0	18	2,024	150	0
13-Aug	5	151	51	0	23	2,175	201	0
14-Aug	0	126	28	0	23	2,301	229	0
15-Aug	3	166	45	0	26	2,467	274	0
16-Aug	1	122	24	0	27	2,589	298	0
17-Aug	0	172	80	0	27	2,761	378	0
18-Aug	0	189	51	0	27	2,950	429	0
19-Aug	0	127	44	0	27	3,077	473	0
20-Aug	1	184	77	0	28	3,261	550	0
21-Aug	0	146	63	0	28	3,407	613	0
22-Aug	0	63	18	0	28	3,470	631	0
23-Aug	1	146	35	0	29	3,616	666	0
24-Aug	0	177	73	0	29	3,793	739	0
25-Aug	0	118	38	0	29	3,911	777	0

Table 12.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Sandy River weir, 2019.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
19-Jun	1	0	0	0	1	0	0	0
20-Jun	3	0	0	0	4	0	0	0
21-Jun	0	0	0	0	4	0	0	0
22-Jun	1	0	0	0	5	0	0	0
23-Jun	5	0	0	0	10	0	0	0
24-Jun	1	0	0	0	11	0	0	0
25-Jun	3	0	0	0	14	0	0	0
26-Jun	1	0	0	0	15	0	0	0
27-Jun	0	0	0	0	15	0	0	0
28-Jun	0	0	0	0	15	0	0	0
29-Jun	0	0	0	0	15	0	0	0
30-Jun	0	0	0	0	15	0	0	0
1-Jul	0	0	0	0	15	0	0	0
2-Jul	2	19	0	0	17	19	0	0
3-Jul	2	3	0	0	19	22	0	0
4-Jul	4	6	0	0	23	28	0	0
5-Jul	2	4	0	0	25	32	0	0
6-Jul	46	47	0	0	71	79	0	0
7-Jul	136	6	0	0	207	85	0	0
8-Jul	23	21	0	0	230	106	0	0
9-Jul	212	33	0	0	442	139	0	0
10-Jul	113	46	2	0	555	185	2	0
11-Jul	130	14	0	0	685	199	2	0
12-Jul	27	45	1	0	712	244	3	0
13-Jul	7	6	0	0	719	250	3	0
14-Jul	0	5	0	0	719	255	3	0
15-Jul	1	7	0	0	720	262	3	0
16-Jul	7	21	0	0	727	283	3	0
17-Jul	2	8	0	0	729	291	3	0
18-Jul	1	14	0	0	730	305	3	0
19-Jul	13	19	0	0	743	324	3	0
20-Jul	9	17	2	0	752	341	5	0
21-Jul	6	15	0	0	758	356	5	0
22-Jul	17	6	0	0	775	362	5	0
23-Jul	14	20	3	0	789	382	8	0

Table 13.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Ilnik River weir, 2019.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
9-Jun	1	0	0	0	1	0	0	0
10-Jun	0	0	0	0	1	0	0	0
11-Jun	1	0	0	0	2	0	0	0
12-Jun	0	0	0	0	2	0	0	0
13-Jun	0	0	0	0	2	0	0	0
14-Jun	1	0	0	0	3	0	0	0
15-Jun	0	0	0	0	3	0	0	0
16-Jun	0	0	0	0	3	0	0	0
17-Jun	1	0	0	0	4	0	0	0
18-Jun	0	0	0	0	4	0	0	0
19-Jun	1	0	0	0	5	0	0	0
20-Jun	1	0	0	0	6	0	0	0
21-Jun	0	0	0	0	6	0	0	0
22-Jun	5	0	0	0	11	0	0	0
23-Jun	1	0	0	0	12	0	0	0
24-Jun	0	0	0	0	12	0	0	0
25-Jun	0	0	0	0	12	0	0	0
26-Jun	3	0	0	0	15	0	0	0
27-Jun	2	0	0	0	17	0	0	0
28-Jun	3	0	0	0	20	0	0	0
29-Jun	1	0	0	0	21	0	0	0
30-Jun	4	0	0	0	25	0	0	0
1-Jul	0	0	0	0	25	0	0	0
2-Jul	0	2	0	0	25	2	0	0
3-Jul	0	0	0	0	25	2	0	0
4-Jul	1	3	0	0	26	5	0	0
5-Jul	0	4	0	0	26	9	0	0
6-Jul	0	3	0	0	26	12	0	0
7-Jul	1	1	0	0	27	13	0	0
8-Jul	1	4	0	0	28	17	0	0
9-Jul	0	3	0	0	28	20	0	0
10-Jul	0	4	0	0	28	24	0	0
11-Jul	0	4	0	0	28	28	0	0
12-Jul	1	5	0	0	29	33	0	0
13-Jul	0	8	0	0	29	41	0	0
14-Jul	1	10	3	0	30	51	3	0
15-Jul	0	3	2	0	30	54	5	0
16-Jul	0	8	0	0	30	62	5	0
17-Jul	0	6	0	0	30	68	5	0

Table 14.—Historical North Alaska Peninsula sockeye salmon escapements and escapement goals, 1988–2019.

Year	Nelson River		Bear River		Sandy River		Ilnik River		Meshik River		Cinder River	
	Escapement ^{a,b}	Goal	Escapement ^b	Goal	Escapement ^b	Goal	Escapement ^{b,c}	Goal	Escapement ^{d,e}	Goal	Escapement ^{d,f}	Goal
1988			310,000						35,900		1,800	
1989	193,300	100k to 150k	451,000	200k to 250k					10,520	10k to 20k	3,950	6k to 12k
1990	240,700		546,800						26,830		11,850	
1991	268,400		606,000				135,000	40k to 60k	26,400		47,400	
1992	162,300		450,000				45,000		33,100		12,500	
1993	207,200		452,000				70,000		50,000		20,000	
1994	325,300		465,000		115,000	40k to 60k	75,000		44,900		83,400	
1995	329,400		305,000		125,000		39,000		85,610		47,500	
1996	250,500		367,000		64,000		62,000		60,000		60,000	
1997	183,100		360,000		38,000		82,000		40,000		33,000	
1998	159,800		415,000		52,000		50,000		56,025		42,903	
1999	202,067		350,000		58,000		75,000		75,575		14,400	
2000	182,700		275,000		40,000		95,000		183,100		53,200	
2001	201,962		300,000		51,000		58,000		111,700		46,239	
2002	315,693		275,000		49,000		43,000		37,650		10,790	
2003	343,511		366,000		66,000		69,000		153,600		102,700	
2004	480,097	97k to 219k	435,000	293k to 488k	32,000		82,000	40k to 60k	103,600		58,100	
2005	303,000		554,000		101,000		154,000		109,500		133,500	
2006	215,000		445,000		48,000		88,000		140,510		118,100	
2007	180,000		431,000		44,700		93,000		57,600	20k to 60k	142,000	12k to 48k
2008	141,600		321,000		32,200		44,300		89,750		129,800	
2009	157,000		349,500		36,000		66,000		88,200	25k to 100k	133,600	
2010	108,000		369,500		37,000		59,000		67,700		108,900	
2011	89,000		340,000		37,500		43,000		94,200		106,000	
2012	103,300		289,600		27,100	34k to 74k	61,000		47,600		76,620	
2013	248,000		416,000		42,000		51,000		65,600		95,500	
2014	250,000		466,000		59,000		59,000		95,500		105,000	
2015	257,000		515,000		116,000		26,000		149,500	48k to 86k	132,600	
2016	300,000		433,000		170,000		124,000		116,310		205,700	36k to 94k
2017	381,000		800,000		145,000		238,000		191,725		234,800	
2018	221,000		557,000		35,000		81,000		134,100		191,300	
2019	115,000		500,000		71,000		75,000		107,200		95,775	
2009–2018 average	211,430		453,560		70,460		80,800		105,044		139,002	

-continued-

Table 14.—Page 2 of 2.

^a Does not include David's or Caribou rivers.

^b Escapement is based on weir counts and post weir escapement estimates. Only those years when weirs were present are included in the table.

^c From 2005–2010, 2012–2013, and 2016, the Ocean River did not flow into Ilnik Lagoon. For those years, Ocean River escapements have been added to the Ilnik River weir count.

^d Escapements are estimates based on aerial surveys.

^e Meshik River escapement includes Red and Yellow Bluff creeks (tributaries).

^f Cinder River escapement includes Mud Creek (a tributary).

Table 15.—Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 2019.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
4-Jun	0	0	0	-	-	-	0	-	-	-
5-Jun	0	0	0	-	-	-	0	-	-	-
6-Jun	0	0	0	-	-	0	0	0	-	-
7-Jun	0	0	0	-	-	0	0	0	-	-
8-Jun	1	0	1	100.0%	0.0%	1	0	1	100.0%	0.0%
9-Jun	0	0	0	-	-	1	0	1	100.0%	0.0%
10-Jun	1	0	1	-	-	2	0	2	100.0%	0.0%
11-Jun	7	0	7	100.0%	0.0%	9	0	9	100.0%	0.0%
12-Jun	0	0	0	-	-	9	0	9	100.0%	0.0%
13-Jun	0	0	0	-	-	9	0	9	100.0%	0.0%
14-Jun	0	0	0	-	-	9	0	9	100.0%	0.0%
15-Jun	0	0	0	-	-	9	0	9	100.0%	0.0%
16-Jun	0	0	0	-	-	9	0	9	100.0%	0.0%
17-Jun	1	0	1	100.0%	0.0%	10	0	10	100.0%	0.0%
18-Jun	0	0	0	-	-	10	0	10	100.0%	0.0%
19-Jun	500	0	500	100.0%	0.0%	510	0	510	100.0%	0.0%
20-Jun	1	0	1	100.0%	0.0%	511	0	511	100.0%	0.0%
21-Jun	0	0	0	-	-	511	0	511	100.0%	0.0%
22-Jun	0	0	0	-	-	511	0	511	100.0%	0.0%
23-Jun	184	0	184	100.0%	0.0%	695	0	695	100.0%	0.0%
24-Jun	10	0	10	100.0%	0.0%	705	0	705	100.0%	0.0%
25-Jun	2,039	7	2,046	99.7%	0.3%	2,744	7	2,751	99.7%	0.3%
26-Jun	913	4	917	99.6%	0.4%	3,657	11	3,668	99.7%	0.3%
27-Jun	2,241	19	2,260	99.2%	0.8%	5,898	30	5,928	99.5%	0.5%
28-Jun	312	5	317	98.4%	1.6%	6,210	35	6,245	99.4%	0.6%
29-Jun	162	1	163	99.4%	0.6%	6,372	36	6,408	99.4%	0.6%
30-Jun	2,537	26	2,563	99.0%	1.0%	8,909	62	8,971	99.3%	0.7%
1-Jul	5,120	28	5,148	99.5%	0.5%	14,029	90	14,119	99.4%	0.6%
2-Jul	1,595	30	1,625	98.2%	1.8%	15,624	120	15,744	99.2%	0.8%

-continued-

Table 15.—Page 2 of 2.

Date	Daily			Daily Percent		Cumulative			Cumulative Percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
3-Jul	4,432	27	4,459	99.4%	0.6%	20,056	147	20,203	99.3%	0.7%
4-Jul	3,107	19	3,126	99.4%	0.6%	23,163	166	23,329	99.3%	0.7%
5-Jul	5,105	39	5,144	99.2%	0.8%	28,268	205	28,473	99.3%	0.7%
6-Jul	3,840	50	3,890	98.7%	1.3%	32,108	255	32,363	99.2%	0.8%
7-Jul	5,317	64	5,381	98.8%	1.2%	37,425	319	37,744	99.2%	0.8%
8-Jul	2,896	35	2,931	98.8%	1.2%	40,321	354	40,675	99.1%	0.9%
9-Jul	5,802	75	5,877	98.7%	1.3%	46,123	429	46,552	99.1%	0.9%
10-Jul	4,013	133	4,146	96.8%	3.2%	50,136	562	50,698	98.9%	1.1%
11-Jul	4,108	79	4,187	98.1%	1.9%	54,244	641	54,885	98.8%	1.2%
12-Jul	2,854	81	2,935	97.2%	2.8%	57,098	722	57,820	98.8%	1.2%
13-Jul	6,610	138	6,748	98.0%	2.0%	63,708	860	64,568	98.7%	1.3%
14-Jul	5,015	114	5,129	97.8%	2.2%	68,723	974	69,697	98.6%	1.4%
15-Jul	3,281	79	3,360	97.6%	2.4%	72,004	1,053	73,057	98.6%	1.4%
16-Jul	5,402	151	5,553	97.3%	2.7%	77,406	1,204	78,610	98.5%	1.5%
17-Jul	4,553	161	4,714	96.6%	3.4%	81,959	1,365	83,324	98.4%	1.6%
18-Jul	3,990	145	4,135	96.5%	3.5%	85,949	1,510	87,459	98.3%	1.7%
19-Jul	3,430	166	3,596	95.4%	4.6%	89,379	1,676	91,055	98.2%	1.8%
20-Jul	4,034	208	4,242	95.1%	4.9%	93,413	1,884	95,297	98.0%	2.0%
21-Jul	2,542	156	2,698	94.2%	5.8%	95,955	2,040	97,995	97.9%	2.1%
22-Jul	2,534	209	2,743	92.4%	7.6%	98,489	2,249	100,738	97.8%	2.2%
23-Jul	3,743	220	3,963	94.4%	5.6%	102,232	2,469	104,701	97.6%	2.4%
24-Jul	1,271	83	1,354	93.9%	6.1%	103,503	2,552	106,055	97.6%	2.4%
25-Jul	1,378	99	1,477	93.3%	6.7%	104,881	2,651	107,532	97.5%	2.5%
26-Jul	1,890	145	2,035	92.9%	7.1%	106,771	2,796	109,567	97.4%	2.6%
27-Jul	512	23	535	95.7%	4.3%	107,283	2,819	110,102	97.4%	2.6%
Total	107,283	2,819	110,102							
Post-weir escapement estimate:			4,898 ^b							
Estimated total sockeye escapement:			115,000							

^a Weir removed the following day.^b Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weir was removed.

Table 16.—Bear River sockeye salmon early- and late-run escapement, late-run commercial catch, and total Bear River late run by year, 1986–2019.

Year	Early-run escapement ^a	Late-run escapement ^b	Late-run catch ^c	Late-run total ^d
1986	174,453	98,047	254,650	352,697
1987	168,683	89,317	47,251	136,568
1988	169,363	140,637	231,717	372,354
1989	246,196	204,804	324,994	529,798
1990	283,854	262,946	635,780	898,726
1991	432,087	173,913	634,393	808,306
1992	254,170	195,830	636,231	832,061
1993	254,012	197,988	761,993	959,981
1994	260,559	204,441	791,466	995,907
1995	197,039	107,961	1,150,246	1,258,207
1996	247,371	119,629	399,086	518,715
1997	214,689	145,311	399,917	545,228
1998	221,580	193,420	296,518	489,938
1999	222,110	127,890	637,917	765,807
2000	184,053	90,947	619,264	710,211
2001	177,495	122,505	353,358	475,863
2002	179,480	95,520	298,895	394,415
2003	226,201	139,799	192,067	331,866
2004	354,565	80,435	4,947	85,382
2005	332,248	221,752	423,762	645,514
2006	262,995	182,005	360,792	542,797
2007	206,233	224,767	718,983	943,750
2008	125,526	195,474	674,856	870,330
2009	216,237	133,263	324,650	457,913
2010	226,534	142,966	298,062	441,028
2011	207,451	132,549	75,234	207,783
2012	173,158	116,442	0	116,442
2013	219,074	196,926	100,485	297,411
2014	259,046	206,954	260,929	467,883
2015	302,731	212,269	362,482	574,751
2016	293,280	139,720	193,595	333,315
2017	570,840	229,160	113,831	342,991
2018	324,093	232,907	549,783	782,690
2019	294,727	205,273	233,390	438,663
2009–2018 average	279,244	174,316	227,905	402,221

Note: Catch numbers do not include test fish harvest or fish retained for personal use.

^a Bear River escapement prior to August 1.

^b Bear River escapement post July 31, including post-weir estimate.

^c Commercial catch from Port Moller Bight to Strogonof Point, post July 31.

^d Bear River escapement with post-weir estimate, and Port Moller to Strogonof Point catch, post July 31.

Table 17.—Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 2019.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
31-May	6	0	6	100.0%	0.0%	6	-	-	100.0%	0.0%
1-Jun	1	0	1	100.0%	0.0%	7	-	-	100.0%	0.0%
2-Jun	0	0	0	-	-	-	-	-	-	-
3-Jun	1	0	1	100.0%	0.0%	8	1	9	88.9%	11.1%
4-Jun	1	0	1	100.0%	0.0%	9	1	10	90.0%	10.0%
5-Jun	2	0	2	100.0%	0.0%	11	1	12	91.7%	8.3%
6-Jun	2	0	2	100.0%	0.0%	13	1	14	92.9%	7.1%
7-Jun	29	0	29	100.0%	0.0%	42	1	43	97.7%	2.3%
8-Jun	90	2	92	97.8%	2.2%	132	3	135	97.8%	2.2%
9-Jun	73	7	80	91.3%	8.8%	205	10	215	95.3%	4.7%
10-Jun	268	14	282	95.0%	5.0%	473	24	497	95.2%	4.8%
11-Jun	67	0	67	100.0%	0.0%	540	24	564	95.7%	4.3%
12-Jun	318	6	324	98.1%	1.9%	858	30	888	96.6%	3.4%
13-Jun	211	0	211	100.0%	0.0%	1,069	30	1,099	97.3%	2.7%
14-Jun	517	17	534	96.8%	3.2%	1,586	47	1,633	97.1%	2.9%
15-Jun	458	5	463	98.9%	1.1%	2,044	52	2,096	97.5%	2.5%
16-Jun	416	9	425	97.9%	2.1%	2,460	61	2,521	97.6%	2.4%
17-Jun	1,138	28	1,166	97.6%	2.4%	3,598	89	3,687	97.6%	2.4%
18-Jun	867	18	885	98.0%	2.0%	4,465	107	4,572	97.7%	2.3%
19-Jun	675	15	690	97.8%	2.2%	5,140	122	5,262	97.7%	2.3%
20-Jun	2,326	53	2,379	97.8%	2.2%	7,466	175	7,641	97.7%	2.3%
21-Jun	2,038	45	2,083	97.8%	2.2%	9,504	220	9,724	97.7%	2.3%
22-Jun	3,241	72	3,313	97.8%	2.2%	12,745	292	13,037	97.8%	2.2%
23-Jun	2,869	54	2,923	98.2%	1.8%	15,614	346	15,960	97.8%	2.2%
24-Jun	3,391	71	3,462	97.9%	2.1%	19,005	417	19,422	97.9%	2.1%
25-Jun	4,017	115	4,132	97.2%	2.8%	23,022	532	23,554	97.7%	2.3%
26-Jun	3,196	95	3,291	97.1%	2.9%	26,218	627	26,845	97.7%	2.3%
27-Jun	3,326	63	3,389	98.1%	1.9%	29,544	690	30,234	97.7%	2.3%
28-Jun	3,089	65	3,154	97.9%	2.1%	32,633	755	33,388	97.7%	2.3%
29-Jun	4,219	78	4,297	98.2%	1.8%	36,852	833	37,685	97.8%	2.2%
30-Jun	7,781	83	7,864	98.9%	1.1%	44,633	916	45,549	98.0%	2.0%
1-Jul	6,896	103	6,999	98.5%	1.5%	51,529	1,019	52,548	98.1%	1.9%

-continued-

Table 17.–Page 2 of 3.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
2-Jul	6,653	101	6,754	98.5%	1.5%	58,182	1,120	59,302	98.1%	1.9%
3-Jul	6,083	83	6,166	98.7%	1.3%	64,265	1,203	65,468	98.2%	1.8%
4-Jul	11,038	101	11,139	99.1%	0.9%	75,303	1,304	76,607	98.3%	1.7%
5-Jul	8,738	98	8,836	98.9%	1.1%	84,041	1,402	85,443	98.4%	1.6%
6-Jul	7,573	115	7,688	98.5%	1.5%	91,614	1,517	93,131	98.4%	1.6%
7-Jul	7,046	95	7,141	98.7%	1.3%	98,660	1,612	100,272	98.4%	1.6%
8-Jul	7,922	109	8,031	98.6%	1.4%	106,582	1,721	108,303	98.4%	1.6%
9-Jul	16,145	132	16,277	99.2%	0.8%	122,727	1,853	124,580	98.5%	1.5%
10-Jul	16,827	143	16,970	99.2%	0.8%	139,554	1,996	141,550	98.6%	1.4%
11-Jul	8,346	74	8,420	99.1%	0.9%	147,900	2,070	149,970	98.6%	1.4%
12-Jul	8,759	94	8,853	98.9%	1.1%	156,659	2,164	158,823	98.6%	1.4%
13-Jul	9,722	68	9,790	99.3%	0.7%	166,381	2,232	168,613	98.7%	1.3%
14-Jul	8,035	57	8,092	99.3%	0.7%	174,416	2,289	176,705	98.7%	1.3%
15-Jul	11,234	82	11,316	99.3%	0.7%	185,650	2,371	188,021	98.7%	1.3%
16-Jul	10,475	73	10,548	99.3%	0.7%	196,125	2,444	198,569	98.8%	1.2%
17-Jul	8,393	64	8,457	99.2%	0.8%	204,518	2,508	207,026	98.8%	1.2%
18-Jul	8,237	61	8,298	99.3%	0.7%	212,755	2,569	215,324	98.8%	1.2%
19-Jul	5,404	42	5,446	99.2%	0.8%	218,159	2,611	220,770	98.8%	1.2%
20-Jul	3,584	48	3,632	98.7%	1.3%	221,743	2,659	224,402	98.8%	1.2%
21-Jul	10,372	48	10,420	99.5%	0.5%	232,115	2,707	234,822	98.8%	1.2%
22-Jul	7,080	59	7,139	99.2%	0.8%	239,195	2,766	241,961	98.9%	1.1%
23-Jul	6,056	43	6,099	99.3%	0.7%	245,251	2,809	248,060	98.9%	1.1%
24-Jul	6,371	33	6,404	99.5%	0.5%	251,622	2,842	254,464	98.9%	1.1%
25-Jul	3,191	36	3,227	98.9%	1.1%	254,813	2,878	257,691	98.9%	1.1%
26-Jul	3,692	48	3,740	98.7%	1.3%	258,505	2,926	261,431	98.9%	1.1%
27-Jul	3,631	46	3,677	98.7%	1.3%	262,136	2,972	265,108	98.9%	1.1%
28-Jul	6,377	61	6,438	99.1%	0.9%	268,513	3,033	271,546	98.9%	1.1%
29-Jul	6,225	79	6,304	98.7%	1.3%	274,738	3,112	277,850	98.9%	1.1%
30-Jul	7,270	56	7,326	99.2%	0.8%	282,008	3,168	285,176	98.9%	1.1%
31-Jul	9,481	71	9,552	99.3%	0.7%	291,489	3,239	294,728	98.9%	1.1%
1-Aug	11,046	55	11,101	99.5%	0.5%	302,535	3,294	305,829	98.9%	1.1%
2-Aug	8,861	50	8,911	99.4%	0.6%	311,396	3,344	314,740	98.9%	1.1%

-continued-

Table 17.–Page 3 of 3.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
3-Aug	11,906	33	11,939	99.7%	0.3%	323,302	3,377	326,679	99.0%	1.0%
4-Aug	7,098	45	7,143	99.4%	0.6%	330,400	3,422	333,822	99.0%	1.0%
5-Aug	7,204	55	7,259	99.2%	0.8%	337,604	3,477	341,081	99.0%	1.0%
6-Aug	14,306	73	14,379	99.5%	0.5%	351,910	3,550	355,460	99.0%	1.0%
7-Aug	11,642	98	11,740	99.2%	0.8%	363,552	3,648	367,200	99.0%	1.0%
8-Aug	13,623	130	13,753	99.1%	0.9%	377,175	3,778	380,953	99.0%	1.0%
9-Aug	10,864	104	10,968	99.1%	0.9%	388,039	3,882	391,921	99.0%	1.0%
10-Aug	4,420	46	4,466	99.0%	1.0%	392,459	3,928	396,387	99.0%	1.0%
11-Aug	5,547	49	5,596	99.1%	0.9%	398,006	3,977	401,983	99.0%	1.0%
12-Aug	7,722	65	7,787	99.2%	0.8%	405,728	4,042	409,770	99.0%	1.0%
13-Aug	10,560	85	10,645	99.2%	0.8%	416,288	4,127	420,415	99.0%	1.0%
14-Aug	5,303	56	5,359	99.0%	1.0%	421,591	4,183	425,774	99.0%	1.0%
15-Aug	4,639	79	4,718	98.3%	1.7%	426,230	4,262	430,492	99.0%	1.0%
16-Aug	3,934	69	4,003	98.3%	1.7%	430,164	4,331	434,495	99.0%	1.0%
17-Aug	4,663	101	4,764	97.9%	2.1%	434,827	4,432	439,259	99.0%	1.0%
18-Aug	5,251	87	5,338	98.4%	1.6%	440,078	4,519	444,597	99.0%	1.0%
19-Aug	2,945	105	3,050	96.6%	3.4%	443,023	4,624	447,647	99.0%	1.0%
20-Aug	4,456	97	4,553	97.9%	2.1%	447,479	4,721	452,200	99.0%	1.0%
21-Aug	2,447	66	2,513	97.4%	2.6%	449,926	4,787	454,713	98.9%	1.1%
22-Aug	2,163	67	2,230	97.0%	3.0%	452,089	4,854	456,943	98.9%	1.1%
23-Aug	4,771	93	4,864	98.1%	1.9%	456,860	4,947	461,807	98.9%	1.1%
24-Aug	5,857	67	5,924	98.9%	1.1%	462,717	5,014	467,731	98.9%	1.1%
25-Aug	3,401	88	3,489	97.5%	2.5%	466,118	5,102	471,220	98.9%	1.1%
Total	466,118	5,101	471,219							
Post weir escapement estimate:			28,781 ^b							
Total estimated escapement:			500,000							

^a Weir removed the following day.

^b Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weir was removed.

Table 18.—Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 2019.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
9-Jun	7	1	8	87.5%	12.5%	7	1	8	87.5%	12.5%
10-Jun	12	0	12	100.0%	0.0%	19	1	20	95.0%	5.0%
11-Jun	6	1	7	85.7%	14.3%	25	2	27	92.6%	7.4%
12-Jun	12	0	12	100.0%	0.0%	37	2	39	94.9%	5.1%
13-Jun	8	0	8	100.0%	0.0%	45	2	47	95.7%	4.3%
14-Jun	11	0	11	100.0%	0.0%	56	2	58	96.6%	3.4%
15-Jun	8	0	8	100.0%	0.0%	64	2	66	97.0%	3.0%
16-Jun	13	0	13	100.0%	0.0%	77	2	79	97.5%	2.5%
17-Jun	69	1	70	98.6%	1.4%	146	3	149	98.0%	2.0%
18-Jun	59	2	61	96.7%	3.3%	205	5	210	97.6%	2.4%
19-Jun	102	1	103	99.0%	1.0%	307	6	313	98.1%	1.9%
20-Jun	59	1	60	98.3%	1.7%	366	7	373	98.1%	1.9%
21-Jun	257	1	258	99.6%	0.4%	623	8	631	98.7%	1.3%
22-Jun	86	0	86	100.0%	0.0%	709	8	717	98.9%	1.1%
23-Jun	607	17	624	97.3%	2.7%	1,316	25	1,341	98.1%	1.9%
24-Jun	930	5	935	99.5%	0.5%	2,246	30	2,276	98.7%	1.3%
25-Jun	993	10	1,003	99.0%	1.0%	3,239	40	3,279	98.8%	1.2%
26-Jun	904	0	904	100.0%	0.0%	4,143	40	4,183	99.0%	1.0%
27-Jun ^a	1,200	0	1,200	100.0%	0.0%	5,343	40	5,383	99.3%	0.7%
28-Jun ^a	1,400	0	1,400	100.0%	0.0%	6,743	40	6,783	99.4%	0.6%
29-Jun ^a	1,100	0	1,100	100.0%	0.0%	7,843	40	7,883	99.5%	0.5%
30-Jun	802	0	802	100.0%	0.0%	8,645	40	8,685	99.5%	0.5%
1-Jul	1,746	16	1,762	99.1%	0.9%	10,391	56	10,447	99.5%	0.5%
2-Jul	2,186	9	2,195	99.6%	0.4%	12,577	65	12,642	99.5%	0.5%
3-Jul	4,126	7	4,133	99.8%	0.2%	16,703	72	16,775	99.6%	0.4%
4-Jul	1,315	7	1,322	99.5%	0.5%	18,018	79	18,097	99.6%	0.4%
5-Jul	786	1	787	99.9%	0.1%	18,804	80	18,884	99.6%	0.4%
6-Jul	1,573	21	1,594	98.7%	1.3%	20,377	101	20,478	99.5%	0.5%
7-Jul	3,611	9	3,620	99.8%	0.2%	23,988	110	24,098	99.5%	0.5%
8-Jul	1,841	6	1,847	99.7%	0.3%	25,829	116	25,945	99.6%	0.4%

-continued-

Table 18.—Page 2 of 2.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
9-Jul	4,261	19	4,280	99.6%	0.4%	30,090	135	30,225	99.6%	0.4%
10-Jul	1,946	26	1,972	98.7%	1.3%	32,036	161	32,197	99.5%	0.5%
11-Jul	5,347	6	5,353	99.9%	0.1%	37,383	167	37,550	99.6%	0.4%
12-Jul	3,627	35	3,662	99.0%	1.0%	41,010	202	41,212	99.5%	0.5%
13-Jul	644	5	649	99.2%	0.8%	41,654	207	41,861	99.5%	0.5%
14-Jul	2,862	2	2,864	99.9%	0.1%	44,516	209	44,725	99.5%	0.5%
15-Jul	1,902	2	1,904	99.9%	0.1%	46,418	211	46,629	99.5%	0.5%
16-Jul	2,857	11	2,868	99.6%	0.4%	49,275	222	49,497	99.6%	0.4%
17-Jul	1,882	17	1,899	99.1%	0.9%	51,157	239	51,396	99.5%	0.5%
18-Jul	3,492	11	3,503	99.7%	0.3%	54,649	250	54,899	99.5%	0.5%
19-Jul	2,938	31	2,969	99.0%	1.0%	57,587	281	57,868	99.5%	0.5%
20-Jul	2,489	31	2,520	98.8%	1.2%	60,076	312	60,388	99.5%	0.5%
21-Jul	2,959	29	2,988	99.0%	1.0%	63,035	341	63,376	99.5%	0.5%
22-Jul	2,624	13	2,637	99.5%	0.5%	65,659	354	66,013	99.5%	0.5%
23-Jul ^b	1,488	8	1,496	99.5%	0.5%	67,147	362	67,509	99.5%	0.5%
Total	67,147	362	67,509							
Post weir escapement estimate:			3,491 ^b							
Total estimated escapement:			71,000							

^a Due to significant high-water events and inclement weather, these numbers are estimates.

^b Weir was removed the following day.

^c Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weir was removed.

Table 19.—Sockeye salmon daily and cumulative escapement counts through the Ilnik River weir, 2019.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
1-Jun	14	0	14	100.0%	0.0%	14	0	14	100.0%	0.0%
2-Jun	85	0	85	100.0%	0.0%	99	0	99	100.0%	0.0%
3-Jun	87	0	87	100.0%	0.0%	186	0	186	100.0%	0.0%
4-Jun	634	0	634	100.0%	0.0%	820	0	820	100.0%	0.0%
5-Jun	678	0	678	100.0%	0.0%	1,498	0	1,498	100.0%	0.0%
6-Jun	1,159	1	1,160	99.9%	0.1%	2,657	1	2,658	100.0%	0.0%
7-Jun	1,112	0	1,112	100.0%	0.0%	3,769	1	3,770	100.0%	0.0%
8-Jun	1,623	0	1,623	100.0%	0.0%	5,392	1	5,393	100.0%	0.0%
9-Jun	2,327	0	2,327	100.0%	0.0%	7,719	1	7,720	100.0%	0.0%
10-Jun	1,683	1	1,684	99.9%	0.1%	9,402	2	9,404	100.0%	0.0%
11-Jun	2,685	0	2,685	100.0%	0.0%	12,087	2	12,089	100.0%	0.0%
12-Jun	971	0	971	100.0%	0.0%	13,058	2	13,060	100.0%	0.0%
13-Jun	176	0	176	100.0%	0.0%	13,234	2	13,236	100.0%	0.0%
14-Jun	6,497	6	6,503	99.9%	0.1%	19,731	8	19,739	100.0%	0.0%
15-Jun	2,620	1	2,621	100.0%	0.0%	22,351	9	22,360	100.0%	0.0%
16-Jun	4,117	1	4,118	100.0%	0.0%	26,468	10	26,478	100.0%	0.0%
17-Jun	4,635	2	4,637	100.0%	0.0%	31,103	12	31,115	100.0%	0.0%
18-Jun	3,909	2	3,911	99.9%	0.1%	35,012	14	35,026	100.0%	0.0%
19-Jun	3,282	0	3,282	100.0%	0.0%	38,294	14	38,308	100.0%	0.0%
20-Jun	3,244	3	3,247	99.9%	0.1%	41,538	17	41,555	100.0%	0.0%
21-Jun	1,092	1	1,093	99.9%	0.1%	42,630	18	42,648	100.0%	0.0%
22-Jun	1,036	5	1,041	99.5%	0.5%	43,666	23	43,689	99.9%	0.1%
23-Jun	498	0	498	100.0%	0.0%	44,164	23	44,187	99.9%	0.1%
24-Jun	1,032	5	1,037	99.5%	0.5%	45,196	28	45,224	99.9%	0.1%
25-Jun	1,193	3	1,196	99.7%	0.3%	46,389	31	46,420	99.9%	0.1%
26-Jun	1,323	3	1,326	99.8%	0.2%	47,712	34	47,746	99.9%	0.1%
27-Jun	2,444	0	2,444	100.0%	0.0%	50,156	34	50,190	99.9%	0.1%
28-Jun	2,297	4	2,301	99.8%	0.2%	52,453	38	52,491	99.9%	0.1%

-continued-

Table 19.—Page 2 of 2.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
29-Jun	1,120	2	1,122	99.8%	0.2%	53,573	40	53,613	99.9%	0.1%
30-Jun	1,114	1	1,115	99.9%	0.1%	54,687	41	54,728	99.9%	0.1%
1-Jul	978	1	979	99.9%	0.1%	55,665	42	55,707	99.9%	0.1%
2-Jul	1,185	1	1,186	99.9%	0.1%	56,850	43	56,893	99.9%	0.1%
3-Jul	3,866	6	3,872	99.8%	0.2%	60,716	49	60,765	99.9%	0.1%
4-Jul	3,575	1	3,576	100.0%	0.0%	64,291	50	64,341	99.9%	0.1%
5-Jul	1,207	2	1,209	99.8%	0.2%	65,498	52	65,550	99.9%	0.1%
6-Jul	854	3	857	99.6%	0.4%	66,352	55	66,407	99.9%	0.1%
7-Jul	877	1	878	99.9%	0.1%	67,229	56	67,285	99.9%	0.1%
8-Jul	1,557	3	1,560	99.8%	0.2%	68,786	59	68,845	99.9%	0.1%
9-Jul	1,286	0	1,286	100.0%	0.0%	70,072	59	70,131	99.9%	0.1%
10-Jul	1,038	4	1,042	99.6%	0.4%	71,110	63	71,173	99.9%	0.1%
11-Jul	854	1	855	99.9%	0.1%	71,964	64	72,028	99.9%	0.1%
12-Jul	588	2	590	99.7%	0.3%	72,552	66	72,618	99.9%	0.1%
13-Jul	435	0	435	100.0%	0.0%	72,987	66	73,053	99.9%	0.1%
14-Jul	525	1	526	99.8%	0.2%	73,512	67	73,579	99.9%	0.1%
15-Jul	326	0	326	100.0%	0.0%	73,838	67	73,905	99.9%	0.1%
16-Jul	233	1	234	99.6%	0.4%	74,071	68	74,139	99.9%	0.1%
17-Jul	206	0	206	100.0%	0.0%	74,277	68	74,345	99.9%	0.1%
Total	74,277	68	74,345							
Post weir escapement estimate:			655 ^b							
Estimated total escapement:			75,000							

^a Weir removed the following day.^b Post weir escapement estimates were determined using aerial surveys, commercial fishery performance, run timing indicators, effort levels, and weather conditions to provide a reasonable estimate of escapement levels after weir was removed.

Table 20.—North Peninsula salmon harvest by species and day, 2019.

Catch date	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
10-Jun ^a	7	7	195	121	0	0	0
11-Jun	8	8	119	254	0	0	0
12-Jun	9	9	167	360	0	0	7
13-Jun thru 16-Jun ^b	0	-	-	-	-	-	-
17-Jun	16	16	372	871	0	0	0
18-Jun	5	5	105	431	0	0	0
19-Jun	15	16	229	1,460	0	0	0
20-Jun	133	193	516	51,270	0	168	53
21-Jun	74	79	194	18,961	0	46	44
22-Jun	121	139	349	46,587	0	19	35
23-Jun	48	58	92	24,261	0	21	11
24-Jun	123	144	200	42,197	0	43	22
25-Jun	122	123	206	24,819	0	26	1
26-Jun	10	10	33	860	0	0	0
27-Jun	132	166	150	62,709	0	57	8
28-Jun	124	143	186	63,126	0	232	22
29-Jun	112	126	108	52,932	0	185	17
30-Jun	105	144	40	63,573	0	99	55
1-Jul	76	78	113	19,709	0	83	149
2-Jul	14	14	49	2,368	0	0	0
3-Jul	156	184	87	88,337	0	842	166
4-Jul	141	182	63	96,949	0	271	63
5-Jul	131	181	36	87,409	0	471	91
6-Jul	107	114	22	53,555	0	297	53
7-Jul ^b	0	-	-	-	-	-	-
8-Jul	152	216	69	133,995	0	183	355
9-Jul	133	180	33	113,919	1	237	73
10-Jul	97	135	18	56,600	1	101	135
11-Jul	124	128	15	57,655	0	419	3,252
12-Jul	96	131	16	58,575	3	490	150
13-Jul	117	130	12	41,069	0	422	124
14-Jul	83	88	9	28,988	3	184	115
15-Jul	123	167	6	73,387	4	512	5,669
16-Jul	92	119	2	53,825	18	1,032	2,071
17-Jul	124	140	5	86,861	76	1,640	1,196
18-Jul	121	171	6	109,422	157	2,396	4,709
19-Jul	86	90	3	40,700	15	678	1,889
20-Jul	75	90	2	34,230	81	611	637
21-Jul	71	96	3	36,073	95	717	2,404
22-Jul	131	167	8	59,729	180	2,008	8,772
23-Jul	96	111	1	35,875	126	1,454	8,053
24-Jul	99	119	6	38,909	245	2,257	5,212
25-Jul	77	103	3	41,494	370	1,522	900
26-Jul	85	105	1	57,679	323	11,236	13,136
27-Jul	57	70	2	65,482	382	15,519	2,441
28-Jul	28	29	0	14,449	90	355	228
29-Jul	97	102	2	54,712	369	2,488	28,707
30-Jul	99	106	2	38,207	455	2,795	20,879

-continued-

Table 20.—Page 2 of 2.

Catch date	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
31-Jul	85	87	0	19,307	374	1,972	12,340
1-Aug	22	22	1	2,046	35	26,803	5,071
2-Aug	8	8	0	527	8	17,510	2,841
3-Aug	18	18	0	4,442	39	153	376
4-Aug	5	5	1	188	16	2	21
5-Aug	7	7	0	169	9	15,627	1,134
6-Aug	13	14	0	705	64	55,774	7,217
7-Aug	22	22	1	6,253	188	29,671	8,168
8-Aug	89	102	0	31,556	1,126	10,109	11,122
9-Aug	68	75	0	20,586	987	16,943	2,607
10-Aug	94	103	1	18,076	1,582	38,379	4,923
11-Aug	50	72	0	9,931	422	16,941	2,006
12-Aug	61	63	1	12,421	454	11,208	3,505
13-Aug	74	88	1	14,527	1,121	14,369	2,899
14-Aug	43	57	1	12,465	1,120	10,845	1,189
15-Aug	54	65	0	13,361	1,425	17,061	8,314
16-Aug	67	74	9	19,476	3,029	27,360	1,358
17-Aug	77	92	0	15,700	3,795	36,811	1,896
18-Aug	32	41	0	7,239	2,017	2,902	635
19-Aug	31	33	2	6,240	705	34,851	10,050
20-Aug	45	48	0	4,099	1,263	4,986	6,084
21-Aug	50	55	1	7,574	1,388	3,991	2,900
22-Aug	33	36	0	3,687	1,032	27,118	3,458
23-Aug	31	43	0	6,938	770	27,996	3,632
24-Aug	15	16	0	1,540	618	18,428	554
25-Aug	15	18	0	2,793	381	8,331	696
26-Aug	31	43	0	8,802	2,489	29,930	3,504
27-Aug	32	34	0	3,775	2,637	870	5,315
28-Aug	18	18	0	2,495	2,681	6,647	4,327
29-Aug	18	18	0	1,773	1,020	12,002	630
30-Aug	20	22	0	2,857	1,199	186	155
31-Aug	4	4	0	500	46	84	72
1-Sep ^b	0	-	-	-	-	-	-
2-Sep ^b	0	-	-	-	-	-	-
3-Sep	8	8	0	1,313	209	41	81
4-Sep	14	14	0	463	1,255	13	44
5-Sep	10	10	0	860	1,018	0	55
6-Sep	5	5	0	590	192	2	21
7-Sep	4	4	0	76	755	0	28
8-Sep	10	10	0	477	1,112	6	10
9-Sep ^c	-	-	-	-	-	-	-
10-Sep	7	8	0	0	873	0	2
Total ^d	175	6,394	3,874	2,400,781	42,448	578,038	231,144

Note: Catch numbers do not include test fish harvest or fish retained for personal use.

^a No harvest effort before this date.

^b No harvest effort.

^c Confidential.

^d Aggregates include confidential harvests.

Table 21.—North Peninsula salmon harvest by district, statistical area, and section, 2019.

Statistical area	Section	Number of fish					
		Chinook	Sockeye	Coho	Pink	Chum	Total
Northwestern District							
311-20	Dublin Bay Section ^a	0	0	0	0	0	0
311-32	Urilia Bay Section ^a	0	0	0	0	0	0
311-52	Swanson Lagoon Section ^a	0	0	0	0	0	0
311-60	Bechevin Bay Section ^{a, b}	1	1,130	1,417	445,229	54,515	502,292
311-58	Cape Krenitzen to Cape Glazenap	0	907	116	650	1,352	3,025
312-10	Cape Glazenap to Moffet Point	1	486	30	1,062	6,468	8,047
312-20	Izembek Lagoon	0	59	0	6,372	815	7,246
312-40	Moffet Bay	1	3,034	3,149	7,041	122,722	135,947
Izembek–Moffet Bay Section total		2	4,486	3,295	15,125	131,357	154,265
Northwestern District total		3	5,616	4,712	460,354	185,872	656,557
Northern District							
313-10	Black Hills Section	0	1,318	32	561	486	2,397
313-20	Caribou Flats Section ^c	-	-	-	-	-	-
313-30	Nelson Lagoon Section	1,799	83,879	13,653	120	1,178	100,629
314-12	Port Moller Bight Section ^d	-	-	-	-	-	-
314-20	Herendeen Bay ^d	-	-	-	-	-	-
314-30	Moller Bay ^d	-	-	-	-	-	-
Herendeen–Moller Bay Section total ^d		-	-	-	-	-	0
315-11	Bear River	181	97,283	4,943	15,110	7,811	125,328
315-20	Muddy River	5	62,198	1,904	7,411	6,907	78,425
Bear River Section total		186	159,481	6,847	22,521	14,718	203,753
316-10	Three Hills Section	11	93,776	2,590	14,921	7,016	118,314
316-20	Southwest Ilnik	712	445,695	3,377	25,455	7,779	483,018
316-22	Ilnik Lagoon ^d	-	-	-	-	-	-
316-25	Northeast Ilnik	664	1,083,673	10,204	49,418	8,909	1,152,868
Ilnik Section total		1,376	1,529,368	13,581	74,873	16,688	1,635,886
317-10	Outer Port Heiden Section	499	527,343	1,033	4,688	5,186	538,749
317-20	Inner Port Heiden Section ^a	0	0	0	0	0	0
318-20	Cinder River Section ^a	0	0	0	0	0	0
Northern District total ^c		3,871	2,395,165	37,736	117,684	45,272	2,599,728
North Peninsula total ^c		3,874	2,400,781	42,448	578,038	231,144	3,256,285

Note: Catch numbers do not include test fish harvest or fish retained for personal use.

^a There was no commercial salmon harvest effort in this section in 2019.

^b The Bechevin Bay Section is only part of the North Peninsula post June.

^c The Caribou Flat Section is closed to commercial salmon fishing.

^d Confidentiality rules prohibit the release of this information.

^e Totals include information not provided due to confidentiality requirements.

Table 22.—Northwestern District sockeye salmon runs (number of fish), 1962–2019.

Year		Izembek–Moffet Bay Section ^a	Dublin, Bechevin, & Uria bays & Swanson Lagoon ^{a,b}	Northwestern District total
1962	Catch	4,700	4,100	8,800
	Escapement ^c	27,000	24,000	51,000
	Total	31,700	28,100	59,800
1963	Catch	1,700	5,200	6,900
	Escapement ^c	40,000	14,000	54,000
	Total	41,700	19,200	60,900
1964	Catch	4,700	10,300	15,000
	Escapement ^c	50,000	20,000	70,000
	Total	54,700	30,300	85,000
1965	Catch	400	14,100	14,500
	Escapement ^c	7,000	6,900	13,900
	Total	7,400	21,000	28,400
1966	Catch	0	16,300	16,300
	Escapement ^c	7,500	12,400	19,900
	Total	7,500	28,700	36,200
1967	Catch	8,100	5,300	13,400
	Escapement ^c	9,000	5,800	14,800
	Total	17,100	11,100	28,200
1968	Catch	11,100	4,600	15,700
	Escapement ^c	10,000	7,800	17,800
	Total	21,100	12,400	33,500
1969	Catch	6,100	3,500	9,600
	Escapement ^c	14,000	39,500	53,500
	Total	20,100	43,000	63,100
1970	Catch	3,110	727	3,837
	Escapement ^c	7,000	35,000	42,000
	Total	10,110	35,727	45,837
1971	Catch	6,880	2,357	9,237
	Escapement ^c	4,000	30,000	34,000
	Total	10,880	32,357	43,237
1972	Catch	759	6,180	6,939
	Escapement ^c	5,000	4,800	9,800
	Total	5,759	10,980	16,739
1973	Catch	1,256	2,612	3,868
	Escapement ^c	2,000	5,000	7,000
	Total	3,256	7,612	10,868
1974	Catch	4,789	3,693	8,482
	Escapement ^c	4,000	3,300	7,300
	Total	8,789	6,993	15,782

-continued-

Table 22.—Page 2 of 5.

Year		Izembek–Moffet Bay Section ^a	Dublin, Bechevin, & Uria bays & Swanson Lagoon ^{a,b}	Northwestern District total
1975	Catch	1,503	1,451	2,954
	Escapement ^c	7,000	12,300	19,300
	Total	8,503	13,751	22,254
1976	Catch	19,036	1,708	20,744
	Escapement ^c	14,000	21,500	35,500
	Total	33,036	23,208	56,244
1977	Catch	3,091	31,509	34,600
	Escapement ^c	26,500	28,600	55,100
	Total	29,591	60,109	89,700
1978	Catch	15,601	24,464	40,065
	Escapement ^c	17,000	28,000	45,000
	Total	32,601	52,464	85,065
1979	Catch	10,807	63,090	73,897
	Escapement ^c	9,000	33,700	42,700
	Total	19,807	96,790	116,597
1980	Catch	34,208	15,162	49,370
	Escapement ^c	11,500	90,100	101,600
	Total	45,708	105,262	150,970
1981	Catch	30,943	20,077	51,020
	Escapement ^c	12,000	60,700	72,700
	Total	42,943	80,777	123,720
1982	Catch	24,482	9,258	33,740
	Escapement ^c	21,500	29,300	50,800
	Total	45,982	38,558	84,540
1983	Catch	15,192	12,533	29,455
	Escapement ^c	18,500	14,200	32,700
	Total	33,692	26,733	62,155
1984	Catch	4,692	197,047	201,739
	Escapement ^c	19,100	70,300	89,400
	Total	23,792	267,347	291,139
1985	Catch	6,163	76,956	83,119
	Escapement ^c	17,200	29,500	46,700
	Total	23,363	106,456	129,819
1986	Catch	19,051	139,238	158,289
	Escapement ^c	15,700	45,700	61,400
	Total	34,751	184,938	219,689
1987	Catch	6,475	137,866	144,341
	Escapement ^c	13,600	36,300	49,900
	Total	20,075	174,166	194,241

-continued-

Table 22.—Page 3 of 5.

Year		Izembek–Moffet Bay Section ^a	Dublin, Bechevin, & Urilia bays & Swanson Lagoon ^{a,b}	Northwestern District total
1988	Catch	11,468	66,983	78,451
	Escapement ^c	17,300	35,600	52,900
	Total	28,768	102,583	131,351
1989	Catch	8,610	43,980	52,590
	Escapement ^c	22,500	58,100	80,600
	Total	31,110	102,080	133,190
1990	Catch	39,428	118,592	158,020
	Escapement ^c	33,700	83,100	116,800
	Total	73,128	201,692	274,820
1991	Catch	24,500	156,727	181,227
	Escapement ^c	51,600	86,700	138,300
	Total	76,100	243,427	319,527
1992	Catch	21,542	57,507	79,049
	Escapement ^c	53,300	46,900	100,200
	Total	74,842	104,407	179,249
1993	Catch	30,109	38,274	68,383
	Escapement ^c	34,400	40,000	74,400
	Total	64,509	78,274	142,783
1994	Catch	2,362	32,512	34,874
	Escapement ^c	39,500	48,200	87,700
	Total	41,862	80,712	122,574
1995	Catch	7,269	17,965	25,234
	Escapement ^c	7,500	54,800	62,300
	Total	14,769	72,765	87,534
1996	Catch	18,210	39,899	58,109
	Escapement ^c	45,900	36,900	82,800
	Total	64,110	76,799	140,909
1997	Catch	5,493	52,961	58,454
	Escapement ^c	26,500	42,300	68,800
	Total	31,993	95,261	127,254
1998	Catch	8,241	43,074	51,315
	Escapement ^c	38,800	45,300	84,100
	Total	47,041	88,374	135,415
1999	Catch	4,387	119,148	123,535
	Escapement ^c	31,600	57,100	88,700
	Total	35,987	176,248	212,235
2000	Catch	1,638	100,808	102,446
	Escapement ^c	24,800	60,500	85,300
	Total	26,438	161,308	187,746

-continued-

Table 22.–Page 4 of 5.

Year		Izembek–Moffet Bay Section ^a	Dublin, Bechevin, & Urilia bays & Swanson Lagoon ^{a,b}	Northwestern District total
2001	Catch	10,270	40,474	50,744
	Escapement ^c	49,500	51,500	101,000
	Total	59,770	91,974	151,744
2002	Catch	37,528	45,314	82,842
	Escapement ^c	49,000	60,500	109,500
	Total	86,528	105,814	192,342
2003	Catch	16,338	46,830	63,168
	Escapement ^c	58,000	79,600	137,600
	Total	74,338	126,430	200,768
2004	Catch	23,629	74,790	98,419
	Escapement ^c	68,300	118,630	186,930
	Total	91,929	193,420	285,349
2005	Catch	61,082	113,463	174,545
	Escapement ^c	61,388	75,400	136,788
	Total	122,470	188,863	311,333
2006	Catch	24,712	37,804	62,516
	Escapement ^c	41,195	53,311	94,506
	Total	65,907	91,115	157,022
2007	Catch	22,536	26,857	49,393
	Escapement	32,600	59,550	92,150
	Total	55,136	86,407	141,543
2008	Catch	8,836	42,610	51,446
	Escapement ^c	46,600	127,200	173,800
	Total	55,436	169,810	225,246
2009	Catch	10,869	26,190	37,059
	Escapement ^c	39,300	49,700	89,000
	Total	50,169	75,890	126,059
2010	Catch	25,582	29,223	54,805
	Escapement ^c	12,700	36,400	49,100
	Total	38,282	65,623	103,905
2011	Catch	17,918	2,195	20,113
	Escapement ^c	10,200	38,700	48,900
	Total	28,118	40,895	69,013
2012	Catch	54,072	3,301	57,373
	Escapement ^c	28,270	51,100	79,370
	Total	82,342	54,401	136,743
2013	Catch	24,098	0	24,098
	Escapement ^c	16,200	26,500	42,700
	Total	40,298	26,500	66,798

-continued-

Table 22.—Page 5 of 5.

Year		Izembek– Moffet Bay Section ^a	Dublin, Bechevin, & Urilia Bays & Swanson Lagoon ^{a,b}	Northwestern District total
2014	Catch	33,908	3,424	37,332
	Escapement ^c	15,050	35,600	50,650
	Total	48,958	39,024	87,982
2015	Catch	31,705	0	31,705
	Escapement ^c	16,260	56,200	72,460
	Total	47,965	56,200	104,165
2016	Catch	39,598	0	39,598
	Escapement ^c	12,700	127,800	140,500
	Total	52,298	127,800	180,098
2017	Catch	25,335	63,678	89,013
	Escapement ^c	11,000	296,462	307,462
	Total	36,335	360,140	396,475
2018	Catch	7,181	0	7,181
	Escapement ^c	13,425	30,600	44,025
	Total	20,606	30,600	51,206
2019	Catch	4,486	1,130	5,616
	Escapement ^c	28,600	53,300	81,900
	Total	33,086	54,430	87,516
2009–2018 average				
	Catch	27,027	12,801	39,828
	Escapement ^c	17,511	74,906	92,417
	Total	44,537	87,707	132,244

Note: Catch numbers do not include test fish harvest or fish retained for personal use. Differences in totals may occur between tables due to confidentiality requirements.

^a Statistical area 311-58 was moved from the Bechevin Bay Section, to the Izembek–Moffet Bay Section in 2001.

^b Catch numbers include a small harvest from the Dublin Bay Section in 1983, 2006 and 2011 only.

^c Escapements are estimated totals.

Table 23.—Emergency order summary for the North Alaska Peninsula commercial salmon fishery, 2019.

Emergency Order #	Issued:	Effective:	Action Taken:
Port Moller – 1	3:00 p.m. June 18	6:00 a.m. June 20	<u>Closure:</u> That portion of the Ilnik Section located west of 159° 46.00' W long will be closed to commercial salmon fishing from 6:00 a.m. Thursday, June 20 until further notice. <u>Fishing Period:</u> The remaining portion of the Ilnik Section will open to commercial salmon fishing at 6:00 a.m. Thursday, June 20 until 6:00 p.m. Saturday, June 22.
Port Moller – 2	9:00 p.m. June 20	6:00 p.m. June 20	<u>Fishing Period:</u> The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Saturday, June 22 until 6:00 p.m. Monday, June 24. <u>Extension:</u> The Port Moller Bight Section will remain open to commercial salmon fishing until 6:00 p.m. Thursday, June 20 to 6:00 a.m. Monday, June 24. The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 pm Thursday, June 20 until 11:59 pm Friday, June 21.
Port Moller – 3	9:00 a.m. June 21	11:59 p.m. June 22	<u>Extension:</u> The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Friday, June 21 until 11:59 p.m. Saturday, June 22.
Port Moller – 4	9:00 a.m. June 22	6:00 p.m. June 22	<u>Extension:</u> That portion of the Ilnik Section currently open to commercial salmon fishing will remain open from 6:00 p.m. Saturday, June 22 until 6:00 p.m. Wednesday, June 26.
Port Moller – 5	8:00 p.m. June 23	6:00 a.m. June 24	<u>Closure:</u> The Bear River Section will remain closed to commercial salmon fishing from 6:00 a.m. Monday, June 24 until further notice. The Three Hills Section will remain closed to commercial salmon fishing from 12:01 a.m. Tuesday, June 25 until further notice. Outer Port Heiden Section will remain closed to commercial salmon fishing from 6:00 p.m. Monday, June 24 until further notice.
Port Moller – 6	9:00 a.m. June 25	6:00 p.m. June 25	<u>Closure:</u> The Ilnik Section will close to commercial salmon fishing from 6:00 p.m. Tuesday, June 25 until further notice.

-continued-

Table 23.–Page 2 of 8.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 7	8:00 p.m. June 26	6:00 a.m. June 27	<u>Fishing Period:</u> That portion of the Ilnik Section located west of 159° 46.00' W long that was previously closed, will remain closed to commercial salmon fishing until further notice. The remaining portion of the Ilnik Section and the Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Thursday, June 27 until 6:00 p.m. Saturday, June 29
Port Moller – 8	9:00 a.m. June 27	6:00 p.m. June 27	<u>Extension:</u> The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 p.m. Thursday, June 27 until 6:00 p.m. Saturday, June 29. The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Thursday, June 27 until 11:59 p.m. Friday, June 28
Port Moller – 9	9:00 a.m. June 29	6:00 p.m. June 29	<u>Extension:</u> The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 p.m. Saturday, June 29 until 6:00 a.m. Monday, July 1. That portion of the Ilnik Section currently open to commercial salmon fishing will remain open from 6:00 p.m. Saturday, June 29 until 6:00 p.m. Monday, July 1. <u>Closure:</u> The Outer Port Heiden Section will close to commercial salmon fishing at 6:00 p.m. Saturday, June 29 until further notice
Port Moller – 10	Noon July 1	6:00 p.m. July 1	<u>Closure:</u> The Ilnik Section will close to commercial salmon fishing at 6:00 p.m. Monday, July 1 until further notice.
Port Moller – 11	8:00 p.m. July 2	6:00 a.m. July 3	<u>Fishing Period:</u> That portion of the Ilnik Section west of 159° 46.00' W long that has been closed to commercial salmon fishing will remain closed until further notice. The remaining portion of the Ilnik Section will reopen to commercial salmon fishing at 6:00 a.m. Wednesday, July 3 until 6:00 p.m. Friday, July 5. The Outer Port Heiden Section will reopen to commercial salmon fishing at 6:00 a.m. Wednesday, July 3 until 6:00 p.m. Friday, July 5.

-continued-

Table 23.–Page 3 of 8.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 12	9:00 a.m. July 4	6:00 p.m. July 4	<u>Extension:</u> The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 p.m. Thursday, July 4 until 6:00 p.m. Friday, July 5. The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Thursday, July 4 until 11:59 p.m. Friday, July 5.
Port Moller – 13	9:00 a.m. July 5	6:00 p.m. July 6	<u>Extension:</u> The Port Moller Bight and Ilnik sections will remain open to commercial salmon fishing from 6:00 p.m. Friday, July 5 until 6:00 p.m. Saturday, July 6. The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Friday, July 5 until 11:59 p.m. Saturday, July 6.
Port Moller – 14	Noon July 6	6:00 p.m. July 6	<u>Closure:</u> The Port Moller Bight and Ilnik sections will close to commercial salmon fishing at 6:00 p.m. Saturday, July 6. The Nelson Lagoon Section will close at 11:59 p.m. Saturday, July 6. <u>Fishing Period:</u> The Herendeen-Moller Bay Section will open to commercial salmon fishing at 6:00 p.m. Saturday, July 6 until 6:00 a.m. Monday, July 8.
Port Moller – 15	9:00 a.m. July 7	10:00 a.m. July 7	<u>Fishing Period:</u> The waters within Ilnik Lagoon and the waters inside the Seal Islands will open to commercial salmon fishing from 10:00 a.m. Sunday, July 7 until 11:59 p.m. Thursday, July 25.
Port Moller – 16	8:00 p.m. July 7	6:00 a.m. July 11	<u>Fishing Period:</u> The entire Ilnik and Outer Port Heiden sections will open to commercial salmon fishing from 6:00 a.m. Monday, July 8 until 6:00 p.m. Wednesday, July 10. The Port Moller Bight Section will open to commercial salmon fishing from 6:00 a.m. Monday, July 8 until 6:00 p.m. Thursday, July 11. The Nelson Lagoon Section will open to commercial salmon fishing from 6:00 a.m. Monday, July 8 until 11:59 p.m. Thursday, July 11.
Port Moller – 17	9:00 a.m. July 10	6:00 p.m. July 12	<u>Extension:</u> The Ilnik Section will remain open to commercial salmon fishing from 6:00 p.m. Wednesday, July 10 until 6:00 p.m. Friday, July 12.

-continued-

Table 23.–Page 4 of 8.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 18	9:00 a.m. July 11	6:00 p.m. July 12	<u>Extension:</u> The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 p.m. Thursday, July 11 until 6:00 p.m. Friday, July 12. The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Thursday, July 11 until 11:59 p.m. Friday, July 12.
Port Moller – 19	9:00 a.m. July 12	6:00 p.m. July 12	<u>Extension:</u> The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Friday, July 12 until 11:59 p.m. Saturday, July 13. The Port Moller Bight and Ilnik sections will remain open to commercial salmon fishing from 6:00 p.m. Friday, July 12 until 6:00 p.m. Saturday, July 13.
Port Moller – 20	9:00 a.m. July 13	6:00 p.m. July 13	<u>Extension:</u> The Port Moller Bight and Ilnik sections will remain open to commercial salmon fishing from 6:00 p.m. Saturday, July 13 until 6:00 a.m. Monday, July 15. The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Saturday, July 13 until 6:00 a.m. Monday, July 15.
Port Moller – 21	8:00 p.m. July 14	6:00 a.m. July 15	<u>Fishing Period:</u> In the Cinder River Section, only that area located inside Cinder River Lagoon will open to commercial salmon fishing from 6:00 a.m. Monday, July 15 until 6:00 p.m. Wednesday, July 17. The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Monday, July 15 until 6:00 p.m. Tuesday, July 16. <u>Extension:</u> The Ilnik Section will remain open to commercial salmon fishing from 6:00 a.m. Monday, July 15 until 6:00 p.m. Wednesday, July 17.
Port Moller – 22	8:00 a.m. July 15	Noon July 16	<u>Fishing Period:</u> That portion of the Bear River Section located northeast of a 280° bearing perpendicular to the beach at the 2,000-yard Sandy River northern regulatory marker at 160° 22.34' W long will open to commercial salmon fishing at noon Tuesday, July 16 until 6:00 p.m. Thursday, July 18. The Three Hills Section will open to commercial salmon fishing at noon Tuesday, July 16 until 6:00 p.m. Thursday, July 18.

-continued-

Table 23.–Page 5 of 8.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 23	9:00 a.m. July 16	6:00 p.m. July 16	<u>Extension:</u> The Outer Port Heiden Section will remain open to commercial salmon fishing from 6:00 p.m. Tuesday, July 16 until 6:00 p.m. Wednesday, July 17.
Port Moller – 24	9:00 a.m. July 17	6:00 p.m. July 17	<u>Extension:</u> The Ilnik Section will remain open to commercial salmon fishing from 6:00 p.m. Wednesday, July 17 until 6:00 p.m. Thursday, July 18.
Port Moller – 25	9:00 a.m. July 18	6:00 p.m. July 18	<u>Extension:</u> That portion of the Bear River Section located southwest of the 2,000-yard northern regulatory marker at Sandy River is still closed to commercial salmon fishing until further notice. The Port Moller Bight, remaining portion of the Bear River, Three Hills, and Ilnik sections will remain open to commercial salmon fishing from 6:00 p.m. Thursday, July 18 until 6:00 p.m. Saturday, July 20. The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Thursday, July 18 until 11:59 p.m. Saturday, July 20.
Port Moller – 26	2:00 p.m. July 18	6:00 p.m. July 18	<u>Extension:</u> The Herendeen-Moller Bay Section will remain open to commercial salmon fishing from 6:00 p.m. Thursday, July 18 until 6:00 p.m. Tuesday, July 23.
Sand Point – 10	6:00 a.m. July 20	6:00 p.m. July 25	<u>Fishing Period:</u> The Uria Bay Section of the Northwestern District will open to commercial salmon fishing 6:00 a.m. Monday, July 22 until 6:00 p.m. Thursday, July 25, 2019.
Port Moller – 27	9:00 a.m. July 20	6:00 a.m. July 20	<u>Extension:</u> That portion of the Bear River Section located southwest of the 2,000-yard northern regulatory marker at Sandy River is still closed to commercial salmon fishing until further notice. The Port Moller Bight, remaining portion of the Bear River, Three Hills, and Ilnik sections will remain open to commercial salmon fishing from 6:00 p.m. Saturday, July 20 until 6:00 a.m. Monday, July 22. The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Saturday, July 20 until 11:59 p.m. Monday, July 22.

-continued-

Table 23.–Page 6 of 8.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 28	8:00 p.m. July 21	6:00 a.m. July 22	<u>Fishing Period:</u> The Outer Port Heiden Section will open to commercial salmon fishing at 6:00 a.m. Monday, July 22 until 6:00 p.m. Wednesday, July 24. <u>Extension:</u> That portion of the Bear River Section located southwest of the 2,000-yard northern regulatory marker at Sandy River is still closed to commercial salmon fishing until further notice, and the remaining portion of the Bear River, Port Moller Bight, Three Hills, and Ilnik sections will remain open to commercial salmon fishing from 6:00 a.m. Monday, July 22 until 6:00 p.m. Thursday, July 25. The Nelson Lagoon Section will remain open to commercial salmon fishing from 6:00 a.m. Monday, July 22 until 11:59 p.m. Thursday, July 25.
Sand Point – 11	3:30 p.m. July 24	6:00 a.m. July 26	<u>Fishing Period:</u> Commercial salmon fishing by set gillnet, drift gillnet, and seine gear will be allowed from 6:00 a.m. Friday, July 26 until 6:00 p.m. Saturday, July 27 in the Bechevin Bay Section.
Port Moller – 29	9:00 a.m. July 25	6:00 p.m. July 25	<u>Fishing Period:</u> The Outer Port Heiden Section will open to commercial salmon fishing at 6:00 a.m. Monday, July 29 until 6:00 p.m. Wednesday, July 31, and then will be closed by regulation for the duration of the 2019 commercial salmon fishing season. <u>Extension:</u> That portion of the Bear River Section located southwest of the 2,000-yard northern regulatory marker at Sandy River is still closed to commercial salmon fishing until further notice, and the remaining portion of the Bear River, Port Moller Bight, Three Hills, and Ilnik sections will remain open to commercial salmon fishing from 6:00 p.m. Thursday, July 25 until further notice. <u>Extension:</u> The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Thursday, July 25 until further notice.
Sand Point – 12	12:30 p.m. July 28	6:00 a.m. July 30	<u>Fishing Period:</u> Commercial salmon fishing by set gillnet, drift gillnet, and seine gear will be allowed from 6:00 a.m. Tuesday, July 30 until 6:00 p.m. Wednesday, July 31 in the Bechevin Bay Section
Sand Point – 13	10:30 a.m. July 30	6:00 p.m. July 31	<u>Extension:</u> Commercial salmon fishing in the Bechevin Bay Section of the Northwestern District will be extended 72 hours from 6:00 p.m.

-continued-

Table 23.–Page 7 of 8.

Emergency order #	Issued:	Effective:	Action taken:
Sand Point – 13 (continued)			Wednesday, July 31 until 6:00 p.m. Saturday, August 3.
Port Moller – 30	9:00 a.m. July 31	6:00 p.m. July 31	<u>Closure</u> : The Bear River, Three Hills, and Ilnik sections will close to commercial salmon fishing at 6:00 p.m. Wednesday, July 31 until further notice
Port Moller – 31	8:00 p.m. July 31	6:00 a.m. August 1	<u>Fishing Period</u> : The waters of the Herendeen-Moller Bay Section located south of a line from Point Divide to Black Point will open to commercial salmon fishing from 6:00 a.m. Thursday, August 1 until 6:00 a.m. Saturday, August 3. <u>Extension</u> : The Black Hills Section will remain open to commercial salmon fishing from 6:00 p.m. Thursday, August 1 until 6:00 a.m. Monday, August 5 which is the beginning of the weekly <u>Fishing Period</u>
Sand Point – 14	9:30 a.m. August 3	8:00 a.m. August 5	<u>Fishing Period</u> : Commercial salmon fishing in the Bechevin Bay Section of the Northwestern District will be allowed from 8:00 a.m. Monday, August 5 until further notice.
Port Moller – 32	8:00 p.m. August 7	6:00 a.m. August 8	<u>Fishing Period</u> : The entire Bear River Section, as well as the Three Hills and Ilnik sections will open to commercial salmon fishing from 6:00 a.m. Thursday, August 8 until 6:00 p.m. Wednesday, August 14. Starting at 6:00 a.m. Thursday, August 8 the closed waters at Bear River will be 1,000 yards from the stream terminus at the ocean shoreline until further notice.
Port Moller – 33	9:00 a.m. August 12	3:00 p.m. August 12	<u>Extension</u> : The closed waters at Bear River will be reduced to the stream terminus at the ocean shoreline effective at 3:00 p.m. Monday, August 12 until further notice.
Port Moller – 34	9:00 a.m. August 14	6:00 p.m. August 14	<u>Extension</u> : The Bear River, Three Hills, and Ilnik sections will remain open to commercial salmon fishing from 6:00 p.m. Wednesday, August 14 until 6:00 p.m. Wednesday, August 21.

-continued-

Table 23.–Page 8 of 8.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 35	9:00 a.m. August 17	Noon August 17	<u>Fishing Period:</u> The Black Hills Section will open to commercial salmon fishing from 12:00 noon Saturday, August 17 until 6:00 a.m. Monday, August 19, the start of the next weekly commercial salmon <u>Fishing Period</u> .
Port Moller – 36	9:00 a.m. August 21	6:00 p.m. August 21	<u>Extension:</u> The Bear River and Three Hills sections will remain open to commercial salmon fishing from 6:00 p.m. Wednesday, August 21 until further notice. The Ilnik Section will remain open to commercial salmon fishing from 6:00 p.m. Wednesday, August 21 until 6:00 p.m. Friday, August 23.
Sand Point – 21	1:00 p.m. September 1	6:00 p.m. September 7	<u>Fishing Period:</u> The Izembek-Moffet Bay Section of the Northwestern District will open to commercial salmon fishing from 6:00 a.m. Wednesday, September 4, until 6:00 p.m. Saturday, September 7.

Table 24.—Nelson Lagoon Section salmon harvest by species and day, 2019.

Catch date ^a	Permits	Landings	Number of salmon				
			Chinook	Sockeye	Coho	Pink	Chum
10-Jun	6	6	130	86	0	0	0
11-Jun	7	7	93	214	0	0	0
12-Jun	8	8	100	270	0	0	0
13-Jun to 16-Jun ^b	0	-	-	-	-	-	-
17-Jun	15	15	318	723	0	0	0
18-Jun	4	4	89	379	0	0	0
19-Jun	15	16	229	1,460	0	0	0
20-Jun	16	16	124	1,774	0	0	0
21-Jun	13	13	105	1,278	0	0	0
22-Jun	12	12	94	732	0	0	0
23-Jun ^b	0	-	-	-	-	-	-
24-Jun	12	12	50	731	0	0	0
25-Jun	15	15	93	1,217	0	0	0
26-Jun	10	10	33	860	0	0	0
27-Jun	6	6	11	998	0	0	0
28-Jun	16	16	58	2,447	0	0	0
29-Jun to 30-Jun ^b	0	-	-	-	-	-	-
1-Jul	20	20	81	2,417	0	0	0
2-Jul	14	14	49	2,368	0	0	0
3-Jul	21	21	27	4,011	0	0	0
4-Jul	20	20	19	5,291	0	0	0
5-Jul	19	21	6	3,807	0	0	0
6-Jul	15	16	5	2,371	0	0	0
7-Jul ^b	0	-	-	-	-	-	-
8-Jul	20	25	29	3,029	0	0	0
9-Jul	17	17	12	2,143	0	0	0
10-Jul	17	17	10	2,869	0	2	0
11-Jul	19	19	8	2,745	0	0	0
12-Jul	17	17	5	2,558	0	0	0
13-Jul	20	20	6	2,740	0	0	0
14-Jul	19	19	3	2,030	0	0	0
15-Jul	18	18	0	2,604	0	0	1
16-Jul	18	18	0	2,732	1	0	3
17-Jul	16	16	2	3,168	0	0	3
18-Jul	18	18	0	2,968	0	0	3
19-Jul	18	19	2	2,419	0	0	3
20-Jul	17	18	1	2,665	2	0	28
21-Jul	17	18	0	2,008	1	2	62
22-Jul	16	17	2	1,491	3	20	80
23-Jul	14	14	0	912	0	6	17
24-Jul	15	15	1	878	0	9	44
25-Jul	10	10	1	723	1	8	75
26-Jul	12	12	0	951	0	1	61

-continued-

Table 24.—Page 2 of 2.

Catch date ^a	Permits	Landings	Number of salmon				
			Chinook	Sockeye	Coho	Pink	Chum
27-Jul	5	5	1	360	0	0	31
28-Jul	8	8	0	450	2	0	19
29-Jul	10	10	1	699	5	8	84
30-Jul	6	6	0	494	10	0	82
31-Jul	11	11	0	682	15	0	94
1-Aug	10	10	0	620	19	6	73
2-Aug	7	7	0	499	8	9	43
3-Aug	8	8	0	642	4	0	55
4-Aug	5	5	1	188	16	2	21
5-Aug	5	5	0	156	9	0	13
6-Aug	9	9	0	548	55	4	27
7-Aug	8	8	0	478	140	4	17
8-Aug	10	10	0	460	110	0	35
9-Aug	9	9	0	347	126	10	36
10-Aug	6	6	0	255	113	0	30
11-Aug	5	5	0	201	81	0	29
12-Aug	5	5	0	192	103	0	33
13-Aug	6	6	0	264	162	3	4
14-Aug	8	8	0	290	310	0	4
15-Aug	11	11	0	428	809	18	7
16-Aug	10	10	0	351	570	4	27
17-Aug	7	7	0	120	266	0	13
18-Aug	4	4	0	11	83	0	0
19-Aug ^c	2	2	0	5	33	0	2
20-Aug	4	4	0	7	59	0	2
21-Aug	4	4	0	15	45	0	0
22-Aug	4	4	0	3	44	3	4
23-Aug	4	4	0	8	89	0	0
24-Aug	6	6	0	4	285	1	5
25-Aug	8	8	0	4	1,095	0	0
26-Aug	9	16	0	16	1,351	0	0
27-Aug	11	11	0	4	1,032	0	0
28-Aug	8	8	0	4	1,095	0	0
30-Aug	9	9	0	7	711	0	0
31-Aug thru 1-Sep ^c	-	-	-	-	-	-	-
2-Sep	8	9	0	346	2,239	0	0
3-Sep ^c	-	-	-	-	-	-	-
4-Sep	10	10	0	0	1,209	0	0
5-Sep	8	8	0	0	963	0	0
6-Sep	3	3	0	2	135	0	0
7-Sep	3	3	0	2	725	0	3
8-Sep	9	9	0	0	1,081	0	2
9-Sep ^c	-	-	-	-	-	-	-
10-Sep	7	8	0	0	873	0	2
Total	28	887	1,799	83,879	13,653	120	1,178

Note: catch numbers do not include test fish harvest or fish retained for personal use.

^a By regulation, the commercial fishing season in the Nelson Lagoon Section is from May 1 to September 30.

^b Fishery closed.

^c No fishing effort occurred during this time period.

Table 25.—Bear River Section salmon harvest by species and day, 2019.

Catch date ^a	Permits	Landings	Number of salmon				
			Chinook	Sockeye	Coho	Pink	Chum
10-Jun thru 12-Jun ^b	-	-	-	-	-	-	-
13-Jun to 16-Jun ^c	-	-	-	-	-	-	-
18-Jun ^b	-	-	-	-	-	-	-
19-Jun ^d	0	-	-	-	-	-	-
20-Jun to 15-Jul ^c	0	-	-	-	-	-	-
16-Jul	11	12	0	3,317	0	32	143
17-Jul	9	10	1	3,458	0	106	86
18-Jul	10	10	0	6,278	0	158	779
19-Jul	7	9	0	4,367	4	13	849
20-Jul ^b	2	2	0	709	0	0	242
21-Jul	11	15	0	3,986	0	90	1,143
22-Jul	5	5	1	1,392	0	14	388
23-Jul	6	8	0	2,810	0	10	411
24-Jul	6	8	1	2,062	0	0	209
25-Jul ^d	0	0	0	0	0	0	0
26-Jul	5	6	0	1,802	0	10	74
27-Jul ^b	-	-	-	-	-	-	-
28-Jul ^d	0	-	-	-	-	-	-
29-Jul	7	9	0	4,449	1	15	370
30-Jul	7	9	2	2,871	2	0	282
31-Jul	7	7	0	2,073	13	160	93
1-Aug to 2-Aug ^c	-	-	-	-	-	-	-
3-Aug ^{c,e}	9	9	0	3,758	33	115	318
4-Aug to 6-Aug ^c	-	-	-	-	-	-	-
7-Aug ^{c,e}	9	9	0	5,139	16	102	284
8-Aug	24	25	0	11,537	130	643	738
9-Aug	20	21	0	7,179	97	413	594
10-Aug	21	23	0	3,633	60	397	445
11-Aug	13	16	0	3,010	37	449	227
12-Aug	24	25	0	7,129	132	1,090	622
13-Aug	23	29	0	6,245	120	1,266	578
14-Aug	15	19	1	5,598	154	1,697	283
15-Aug	26	36	0	8,365	153	1,571	602
16-Aug	7	7	1	2,116	61	731	211
17-Aug	25	28	0	4,445	225	1,239	502
18-Aug	15	16	0	4,041	341	871	522
19-Aug	8	8	2	2,472	140	296	183
20-Aug	7	7	0	1,208	102	123	96
21-Aug	22	24	1	5,223	259	1,450	558
22-Aug	26	28	0	3,677	402	818	409
23-Aug	21	32	0	6,705	614	2,767	661
24-Aug	6	6	0	1,506	39	130	155
25-Aug	11	13	0	2,671	304	348	115

-continued-

Table 25.—Page 2 of 2.

Catch date ^a	Permits	Landings	Number of salmon				
			Chinook	Sockeye	Coho	Pink	Chum
26-Aug	17	21	0	9,425	1,052	3,316	487
27-Aug	19	20	0	3,708	657	551	267
28-Aug	8	8	0	2,483	579	939	164
29-Aug	11	11	0	1,772	512	111	119
30-Aug	10	12	0	2,114	399	186	150
31-Aug	3	3	0	500	45	84	71
1-Sep to 2-Sep ^d	0	-	-	-	-	-	-
3-Sep	6	6	0	1,313	61	41	81
4-Sep	4	4	0	463	46	13	44
5-Sep ^b	-	-	-	-	-	-	-
6-Sep ^b	-	-	-	-	-	-	-
7-Sep ^b	-	-	-	-	-	-	-
8-Sep ^b	-	-	-	-	-	-	-
Total ^f	85	581	186	159,481	6,847	22,521	14,718

Note: catch numbers do not include fish retained for personal use.

^a By regulation, the commercial fishing season in the Nelson Lagoon Section is from May 1 to September 30.

^b Confidential.

^c Closed.

^d No effort

^e The harvests reported on these dates are test fishery harvests.

^f Totals include information omitted due to confidentiality rules.

Table 26.—North Alaska Peninsula salmon test fish and cost recovery catches, 2001–2019.

Year	Number of salmon					Total
	Chinook	Sockeye	Coho	Pink	Chum	
2001	13	4,363	2	10	62	4,450
2002	0	6,021	14	41	169	6,245
2003	1	5,785	10	99	178	6,073
2004	0	3,874	35	108	87	4,104
2005	0	2,291	2	11	36	2,340
2006	20	2,232	2	0	89	2,343
2007	0	1,664	5	0	13	1,682
2008	0	2,249	54	1	105	2,409
2009	6	4,027	7	29	54	4,123
2010	0	2,294	2	19	58	2,373
2011	1	2,434	21	33	67	2,556
2012 ^a	-	-	-	-	-	-
2013	0	2,035	28	34	116	2,213
2014	0	2,426	3	16	90	2,535
2015	1	2,348	10	3	398	2,760
2016	0	1,133	2	18	43	1,196
2017	0	8,298	6	25	346	8,675
2018	0	12,527	0	0	86	12,613
2019	0	8,897	46	223	605	9,771
2009–2018 average	1	4,169	9	20	140	4,338

Note: This table only includes those test fish from the local Port Moller test fishery.

^a A test fishery did not occur in 2012.

Table 27.—Three Hills Section salmon harvest by species and day, 2019.

Catch date ^a	Permits	Landings	Number of salmon				
			Chinook	Sockeye	Coho	Pink	Chum
25-Jun thru 15-Jul ^b							
16-Jul	9	9	0	3,866	0	103	91
17-Jul	14	14	1	8,401	30	431	290
18-Jul	10	10	2	9,064	28	970	852
19-Jul	3	3	1	1,143	0	51	247
20-Jul ^c	-	-	-	-	-	-	-
21-Jul	5	5	1	2,413	10	41	294
22-Jul	6	6	1	2,436	2	45	185
23-Jul	12	12	1	5,170	17	222	447
24-Jul	12	12	3	3,465	0	51	159
25-Jul	4	4	0	1,025	0	0	0
26-Jul	4	5	0	2,984	0	42	125
27-Jul thru 28-Jul ^c	-	-	-	-	-	-	-
29-Jul	5	5	0	2,896	4	121	215
30-Jul	16	16	0	5,599	27	240	460
31-Jul	8	8	0	1,741	15	210	153
1-Aug to 7-Aug ^b	-	-	-	-	-	-	-
8-Aug	30	36	0	11,801	606	1,797	1,351
9-Aug	12	12	0	4,335	155	949	355
10-Aug	9	9	1	1,690	30	64	142
11-Aug	9	10	0	2,395	70	333	177
12-Aug	6	6	0	2,522	104	841	174
13-Aug	6	6	0	1,160	30	304	78
14-Aug ^c	-	-	-	-	-	-	-
15-Aug	9	9	0	3,605	120	1,245	167
16-Aug	12	12	0	2,360	68	1,105	172
17-Aug	12	13	0	2,173	238	814	146
18-Aug	8	8	0	1,912	129	438	54
19-Aug	15	16	0	3,583	266	1,255	392
20-Aug	18	18	0	2,115	372	1,392	98
21-Aug	7	9	0	1,442	215	597	44
22-Aug ^d	0	-	-	-	-	-	-
23-Aug ^c	-	-	-	-	-	-	-
24-Aug ^d	0	-	-	-	-	-	-
25-Aug ^c	-	-	-	-	-	-	-
26-Aug to 29-Aug ^d	0	-	-	-	-	-	-
30-Aug ^c	-	-	-	-	-	-	-
Total ^e	86	283	11	93,776	2,590	14,921	7,016

Note: Catch numbers do not include test fish harvest or fish retained for personal use.

^a By regulation, the commercial fishing season for the Three Hills Section is June 25 through September 30.

^b Closed.

^c Confidentiality rules prohibit the release of this information.

^d No fishing effort on this date.

^e Aggregate includes information omitted due to confidentiality requirements.

Table 28.—Ilnik Section salmon harvest by species and day, 2019.

Date ^a	Permits	Landings	Number of salmon				
			Chinook	Sockeye	Coho	Pink	Chum
20-Jun	117	177	392	49,496	0	168	53
21-Jun	61	66	89	17,683	0	46	44
22-Jun	42	43	65	11,705	0	5	15
23-Jun	35	38	76	16,654	0	21	11
24-Jun	74	86	133	28,482	0	33	20
25-Jun	99	100	110	22,208	0	26	1
26-Jun ^b	-	-	-	-	-	-	-
27-Jun	78	94	54	36,000	0	55	7
28-Jun	66	71	104	34,773	0	218	15
29-Jun	69	74	70	32,675	0	185	15
30-Jun	105	144	40	63,573	0	99	55
1-Jul	55	57	38	17,065	0	83	12
2-Jul ^b	-	-	-	-	-	-	-
3-Jul	120	132	39	71,722	0	822	60
4-Jul	77	103	30	51,545	0	252	23
5-Jul	78	95	19	37,612	0	335	68
6-Jul	92	98	17	51,184	0	297	53
7-Jul ^b	-	-	-	-	-	-	-
8-Jul	67	87	17	61,832	0	116	56
9-Jul	80	101	14	60,819	1	207	22
10-Jul	52	69	7	25,860	1	64	80
11-Jul	103	107	7	54,450	0	414	136
12-Jul	79	114	11	56,017	3	490	150
13-Jul	97	110	6	38,329	0	422	124
14-Jul	64	69	6	26,958	3	184	115
15-Jul	60	86	6	42,421	4	375	209
16-Jul	34	51	2	28,257	1	539	131
17-Jul	74	81	0	56,508	22	816	499
18-Jul	88	131	4	91,545	129	1260	1,721
19-Jul	57	58	0	32,504	11	594	695
20-Jul	55	69	1	30,869	79	611	367
21-Jul	41	58	2	27,444	84	584	905
22-Jul	52	55	2	22,638	38	833	445
23-Jul	46	49	0	11,888	44	552	342
24-Jul	50	61	1	23,201	156	1,933	973
25-Jul	62	88	2	39,476	365	1,379	733
26-Jul	60	78	1	51,942	300	2,710	1,340
27-Jul	48	61	1	63,706	382	2,667	702
28-Jul	18	19	0	11,805	72	303	135
29-Jul	50	50	1	33,392	248	1,387	865
30-Jul	37	37	0	14,323	108	1,777	631
31-Jul	24	24	0	5,206	42	506	314

-continued-

Table 28.—Page 2 of 2.

Catch date ^a	Permits	Landings	Number of salmon				
			Chinook	Sockeye	Coho	Pink	Chum
1-Aug thru 7-Aug ^b	-	-	-	-	-	-	-
8-Aug	27	28	0	7,601	276	1,520	524
9-Aug	25	30	0	9,185	552	3,324	607
10-Aug	57	62	0	12,349	1,194	5,151	1,023
11-Aug	30	40	0	4,255	234	814	167
12-Aug	19	19	1	2,368	88	770	182
13-Aug	37	44	0	6,490	614	5,879	393
14-Aug	18	26	0	5,843	618	2,984	337
15-Aug	5	5	0	841	119	817	52
16-Aug	36	43	8	14,782	2,349	14,884	741
17-Aug	33	41	0	8,899	3,034	11,914	392
18-Aug	8	13	0	1,275	1,464	1,593	59
19-Aug	3	3	0	110	15	68	3
20-Aug	12	12	0	651	447	590	30
21-Aug ^c	16	16	0	952	484	1,197	30
Total	141	3,473	1,376	1,529,368	13,581	74,873	16,688

Note: Catch numbers do not include test fish harvest or fish retained for personal use.

^a Prior to June 20, only Ilnik Lagoon is open to commercial salmon fishing in the Ilnik Section.

^b Closed.

^c All harvests after this date are confidential.

Table 29.—Outer Port Heiden Section salmon harvest by species and day, 2019.

Catch date ^a	Permits	Landings	Number of salmon				
			Chinook	Sockeye	Coho	Pink	Chum
22-Jun	70	84	190	34,150	0	14	20
23-Jun	13	20	16	7,607	0	0	0
24-Jun	45	54	45	14,378	0	10	2
25-Jun thru 26-Jun ^b	-	-	-	-	-	-	-
27-Jun	56	66	85	25,711	0	2	1
28-Jun	47	56	44	25,906	0	14	7
29-Jun	50	52	38	20,257	0	0	2
30-Jun thru 2-Jul ^b	-	-	-	-	-	-	-
3-Jul	20	31	21	12,604	0	20	106
4-Jul	51	59	14	40,113	0	19	40
5-Jul	60	65	12	45,990	0	136	23
6-Jul thru 7-Jul ^b	-	-	-	-	-	-	-
8-Jul	68	104	23	69,244	0	67	299
9-Jul	49	62	7	50,957	0	30	51
10-Jul	42	50	1	28,110	0	35	55
11-Jul thru 14-Jul ^b	-	-	-	-	-	-	-
15-Jul	42	61	0	28,012	0	120	624
16-Jul	22	28	0	15,503	16	355	183
17-Jul	17	19	1	15,326	24	287	318
18-Jul to 21-Jul ^b	-	-	-	-	-	-	-
22-Jul	63	85	2	31,633	137	996	1,141
23-Jul	18	27	0	14,935	65	583	889
24-Jul	21	21	0	9,068	89	238	200
25-Jul to 28-Jul ^b	-	-	-	-	-	-	-
29-Jul	25	31	0	14,427	120	461	251
30-Jul	32	35	0	14,597	308	576	478
31-Jul	29	29	0	8,815	274	725	496
Total	109	1,039	499	527,343	1,033	4,688	5,186

Note: Catch numbers do not include test fish harvest or fish retained for personal use.

^a By regulation, the commercial salmon fishing season in the Outer Port Heiden Section is June 20 through July 31.

^b Fishery closed.

Table 30.—Alaska Peninsula (Area M) and Bristol Bay (Area T) overlap area commercial salmon catch, in number of fish by gear and permit, 1975–2019.

Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1975	0	0	0	0	0	0	0	6	45	182	0	4,701	0	0
1976	0	0	0	0	0	0	0	10	92	1,158	333	3,897	0	73
1977	0	0	0	0	0	0	0	15	128	1,532	688	9,336	0	73
1978 ^a	-	-	-	-	-	-	-	26	233	6,947	315	17,581	0	202
1979 ^a	-	-	-	-	-	-	-	21	976	4,493	340	13,203	0	5
1980 ^a	-	-	-	-	-	-	-	25	269	4,073	932	24,846	1	16
1981 ^a	-	-	-	-	-	-	-	18	161	4,306	151	7,094	0	8
1982	0	0	0	0	0	0	0	23	281	8,427	727	17,320	0	0
1983	0	0	0	0	0	0	0	18	146	5,004	0	302	0	0
1984	0	0	0	0	0	0	0	44	380	5,133	499	39,881	22	119
1985	0	0	0	0	0	0	0	44	273	2,857	434	20,892	0	2
1986 ^a	-	-	-	-	-	-	-	24	162	1,141	1,366	17,341	0	32
1987 ^a	-	-	-	-	-	-	-	38	383	2,691	863	33,019	67	460
1988 ^a	-	-	-	-	-	-	-	46	407	4,936	3,155	40,956	6	2,857
1989 ^a	-	-	-	-	-	-	-	52	309	2,359	1,256	37,688	5	457
1990 ^a	-	-	-	-	-	-	-	63	407	3,707	3,557	61,654	147	231
1991	0	0	0	0	0	0	0	68	511	2,826	498	76,525	0	225
1992	0	0	0	0	0	0	0	102	578	4,899	3,433	71,359	54	598
1993	0	0	0	0	0	0	0	50	259	8,829	3,421	13,030	0	113
1994	0	0	0	0	0	0	0	77	567	8,618	2,294	103,200	44	213
1995	0	0	0	0	0	0	0	81	357	2,081	1,195	41,075	0	48
1996	4	12	8	4,045	755	1	522	33	153	593	2,833	37,829	0	19
1997	0	0	0	0	0	0	0	41	348	3,156	3,672	35,378	0	35
1998 ^a	-	-	-	-	-	-	-	60	354	1,430	3,348	49,893	1,478	633
1999	0	0	0	0	0	0	0	21	31	279	1,020	1,591	0	19
2000	0	0	0	0	0	0	0	27	113	0	1,173	23,620	15	0
2001	0	0	0	0	0	0	0	4	7	0	0	664	0	9
2002 ^a	-	-	-	-	-	-	-	-	-	-	-	-	-	-

-continued-

Table 30.—Page 2 of 4.

Drift gillnet (continued)								Area T						
Area M								Area T						
Year	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
2003	0	0	0	0	0	0	0	4	4	0	0	2,072	0	0
2004 ^a	0	0	0	0	0	0	0	-	-	-	-	-	-	-
2005	0	0	0	0	0	0	0	10	17	266	1,921	2,122	0	7
2006	0	0	0	0	0	0	0	6	33	1,053	1,151	0	0	2
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010 ^a	-	-	-	-	-	-	-	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013 ^a	-	-	-	-	-	-	-	0	0	0	0	0	0	0
2014 ^a	-	-	-	-	-	-	-	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016 ^a	-	-	-	-	-	-	-	0	0	0	0	0	0	0
2017 ^a	-	-	-	-	-	-	-	0	0	0	0	0	0	0
2018 ^a	-	-	-	-	-	-	-	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Set gillnet								Area T						
Area M								Area T						
Year	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1975	5	37	186	643	716	0	17	a	-	-	-	-	-	-
1976	7	105	166	4,025	668	0	892	6	60	172	618	1,253	0	177
1977	5	52	691	1,960	861	0	1,129	8	34	272	776	530	0	106
1978	7	59	1,458	468	1,741	0	194	8	46	282	46	3,586	0	41
1979	9	202	2,599	34,772	970	2	735	10	100	1,136	1,968	10,039	26	63
1980	10	235	428	19,655	1,029	0	2,223	16	172	527	1,931	16,095	39	128
1981	7	96	790	2,931	1,584	0	176	21	117	209	146	8,021	0	3
1982	8	206	2,181	7,857	3,808	0	724	16	113	347	198	20,890	0	0
1983	4	30	838	28	336	0	0	7	44	567	111	1,779	0	2
1984	5	51	866	1,216	2,138	0	33	15	101	395	31	9,541	0	8
1985	5	39	1,049	4,963	1,318	0	0	17	83	450	26	6,646	0	0
1986	3	67	335	36,297	579	0	807	7	42	345	382	1,433	0	1

-continued-

Table 30.—Page 3 of 4.

Set gillnet (continued)														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1987 ^a	-	-	-	-	-	-	-	9	98	351	341	6,960	0	57
1988	6	93	204	12,314	18,125	142	1,637	14	115	703	1,032	13,181	2	360
1989	7	75	153	12,044	16,659	6	596	18	89	544	160	5,515	0	127
1990	5	62	195	12,748	7,901	0	101	15	118	867	229	11,979	4	36
1991	6	57	122	29,123	4,260	2	459	12	96	194	42	10,591	0	0
1992	7	56	140	19,162	11,620	1	744	18	137	531	3,076	18,506	0	196
1993	3	34	3	23,931	7,141	11	70	11	89	2,992	5,890	3,600	0	57
1994	4	22	3	5,274	4,674	53	3	9	101	2,717	3,536	12,062	0	87
1995	3	20	14	3,057	3,021	0	109	12	64	512	87	7,090	0	2
1996 ^a	-	-	-	-	-	-	-	6	31	155	807	6,761	0	0
1997	3	56	621	20,426	2,169	0	41	9	76	247	1,116	6,434	0	1
1998 ^a	-	-	-	-	-	-	-	7	51	0	71	6,341	2	1
1999 ^a	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2000 ^a	-	-	-	-	-	-	-	3	6	0	0	787	3	0
2001 ^a	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2002 ^a	-	-	-	-	-	-	-	0	0	0	0	0	0	0
2003 ^a	-	-	-	-	-	-	-	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 ^a	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 ^a	-	-	-	-	-	-	-	0	0	0	0	0	0	0
2008 ^a	-	-	-	-	-	-	-	0	0	0	0	0	0	0
2009 ^a	0	0	0	0	0	0	0	-	-	-	-	-	-	-
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0

-continued-

Table 30.—Page 4 of 4.

Set gillnet (continued)														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018 ^a	-	-	-	-	-	-	-	0	0	0	0	0	0	0
2019 ^a	-	-	-	-	-	-	-	0	0	0	0	0	0	0

Note: Catch numbers do not include test fish harvest or fish retained for personal use. Differences in totals may occur between tables due to confidentiality requirements.

^a Confidentiality requirements prohibit releasing this information.

Figure 1.—Map of Alaska Peninsula with North Peninsula commercial salmon fishing districts.

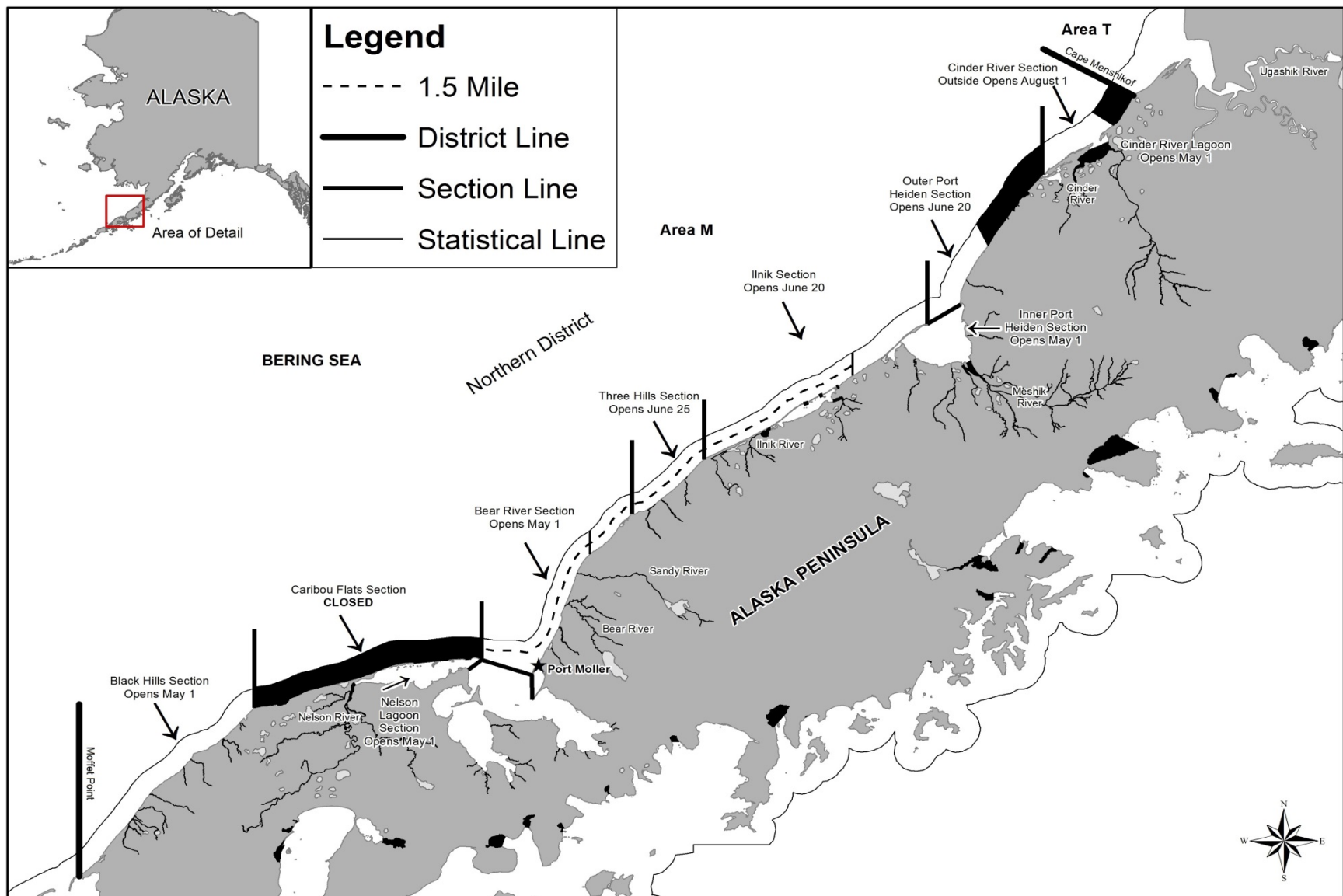


Figure 2.—North Alaska Peninsula from Moffet Point to Cape Menshikof, with selected commercial salmon fishing sections, season opening dates, and major sockeye salmon systems.

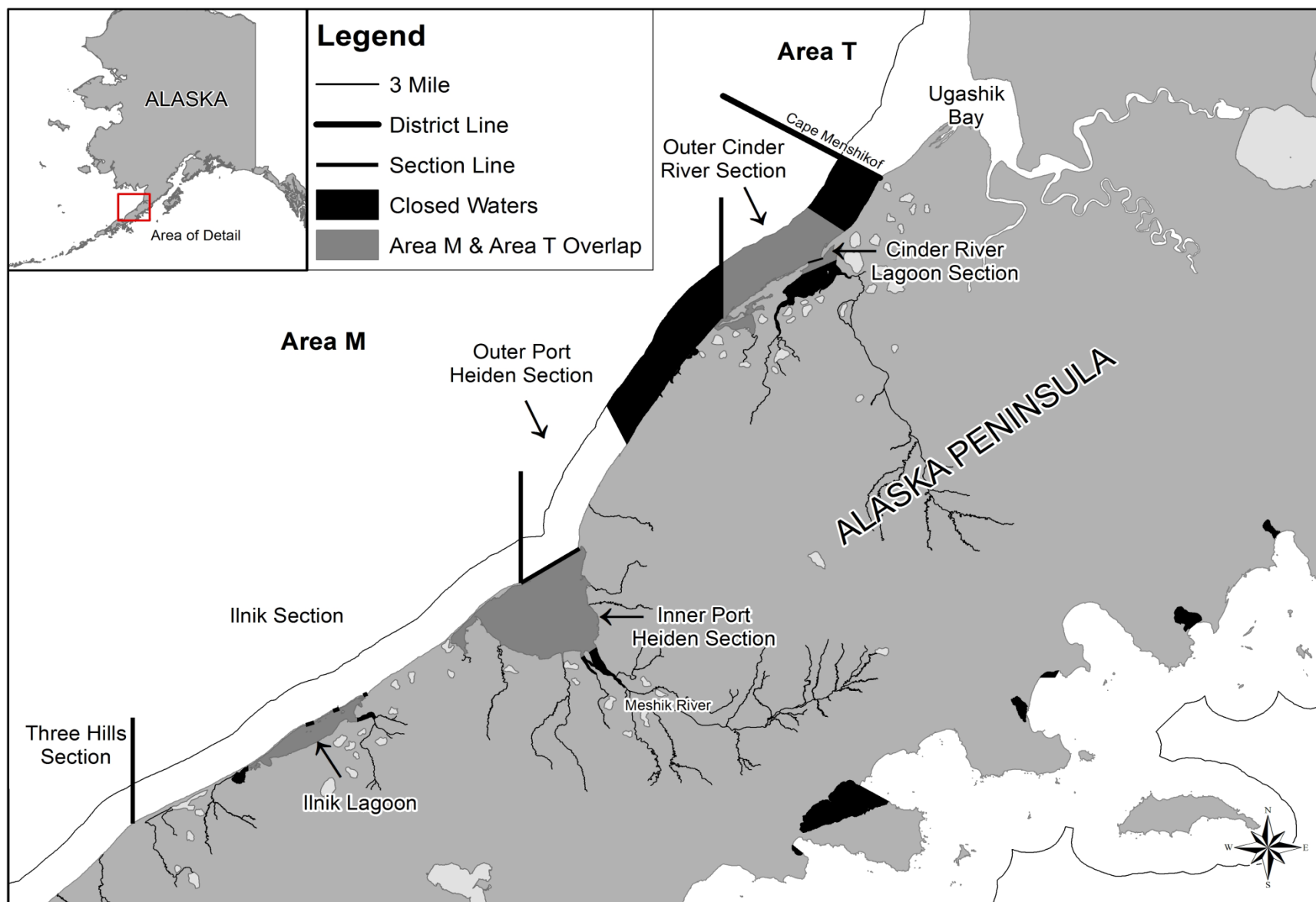


Figure 3.—Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.

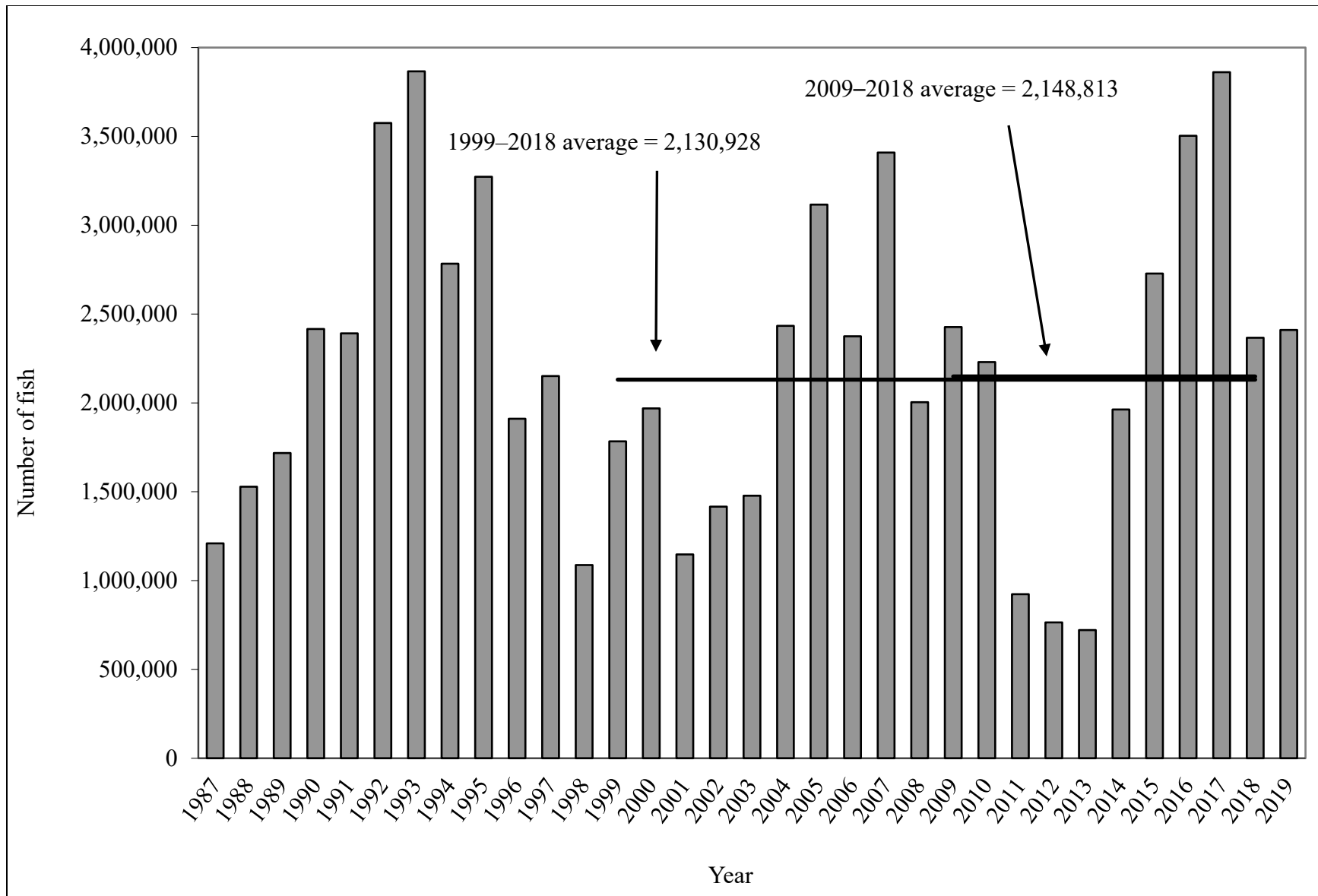


Figure 4.—North Alaska Peninsula commercial sockeye salmon harvest, 1988–2019.

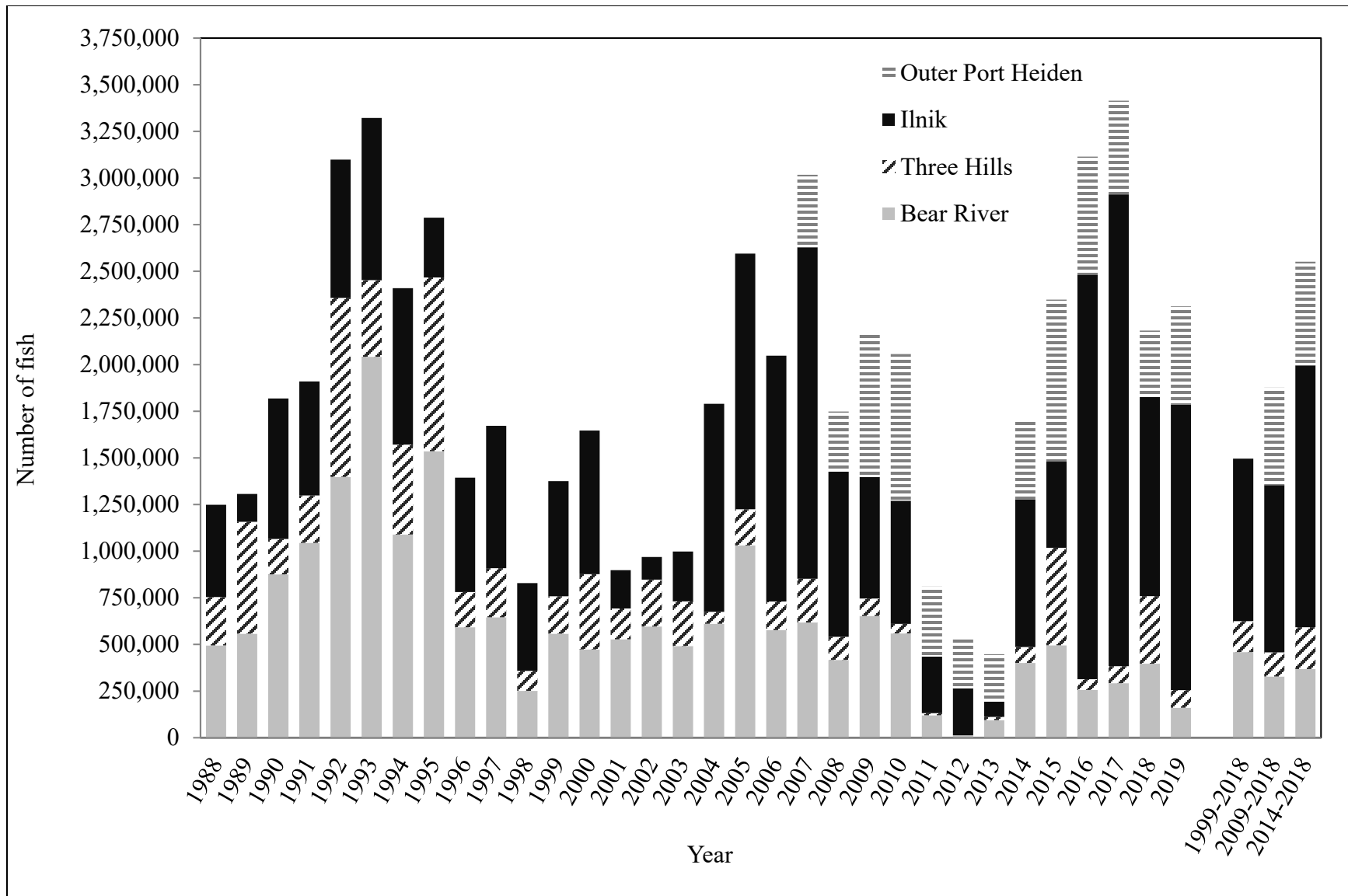


Figure 5.—Bear River, Three Hills, Ilnik and Outer Port Heiden sections commercial sockeye salmon harvest, 1988–2019.

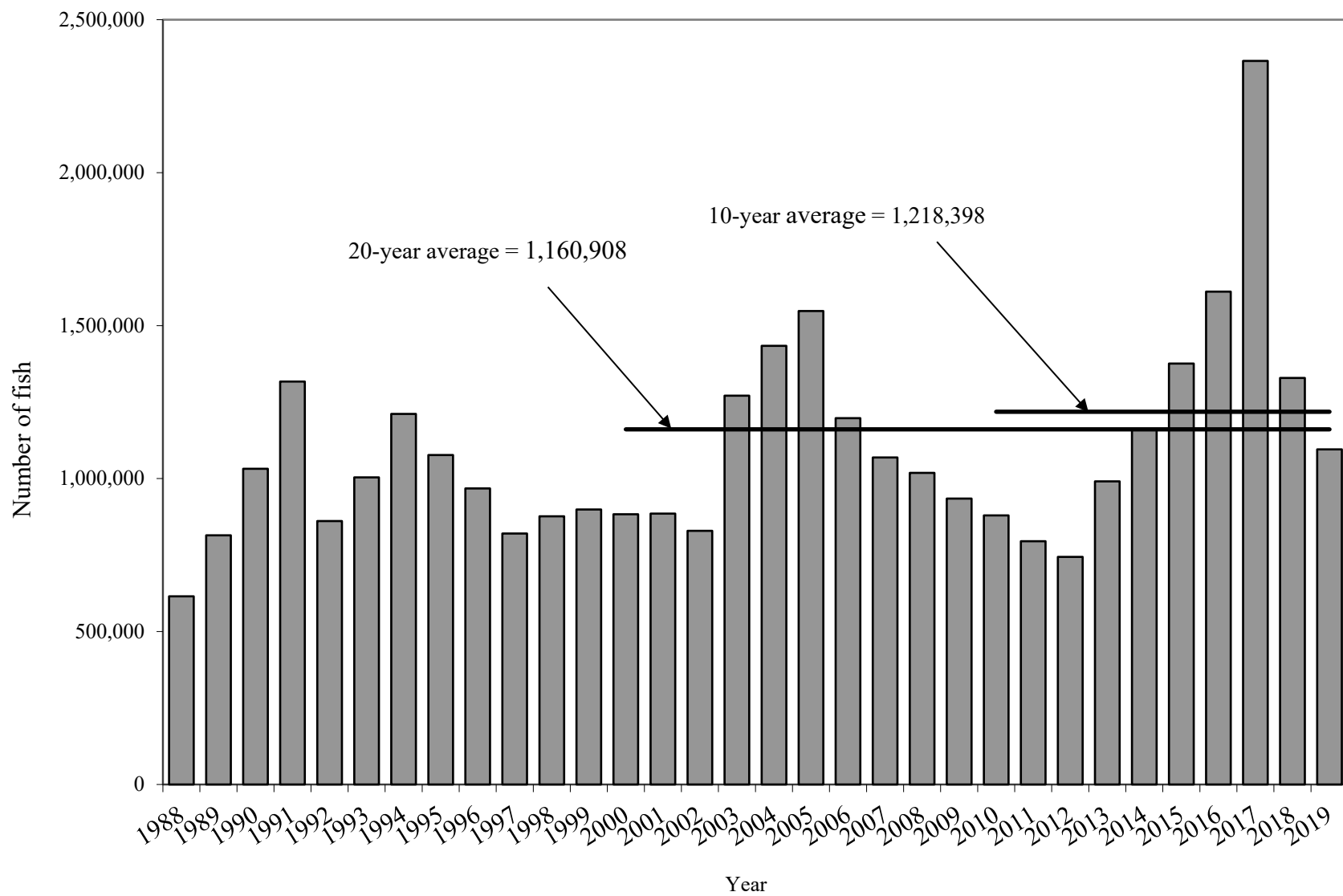


Figure 6.—North Alaska Peninsula sockeye salmon escapement, 1988–2019.

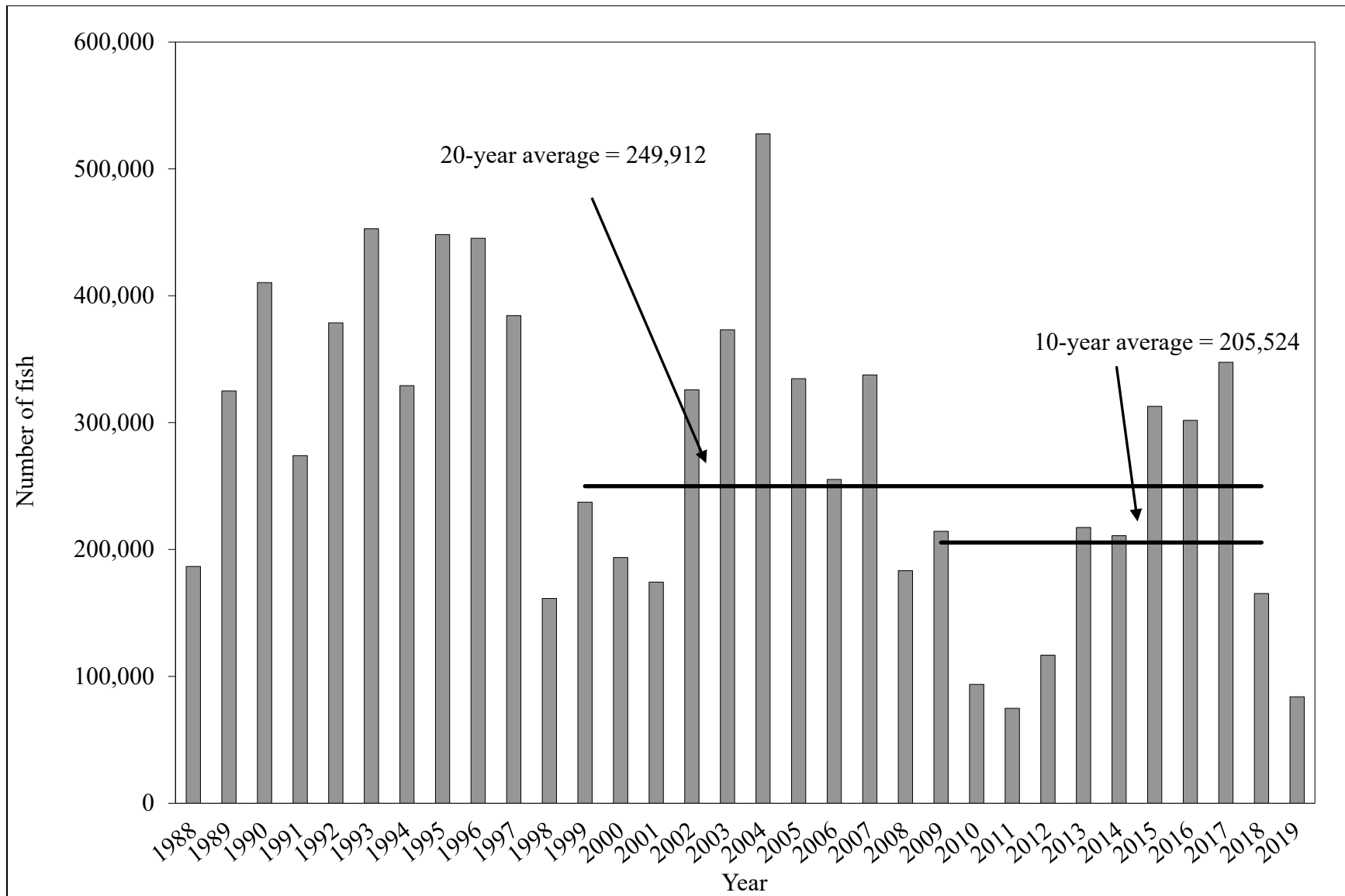


Figure 7.—Nelson Lagoon commercial sockeye salmon harvest, 1988–2019.

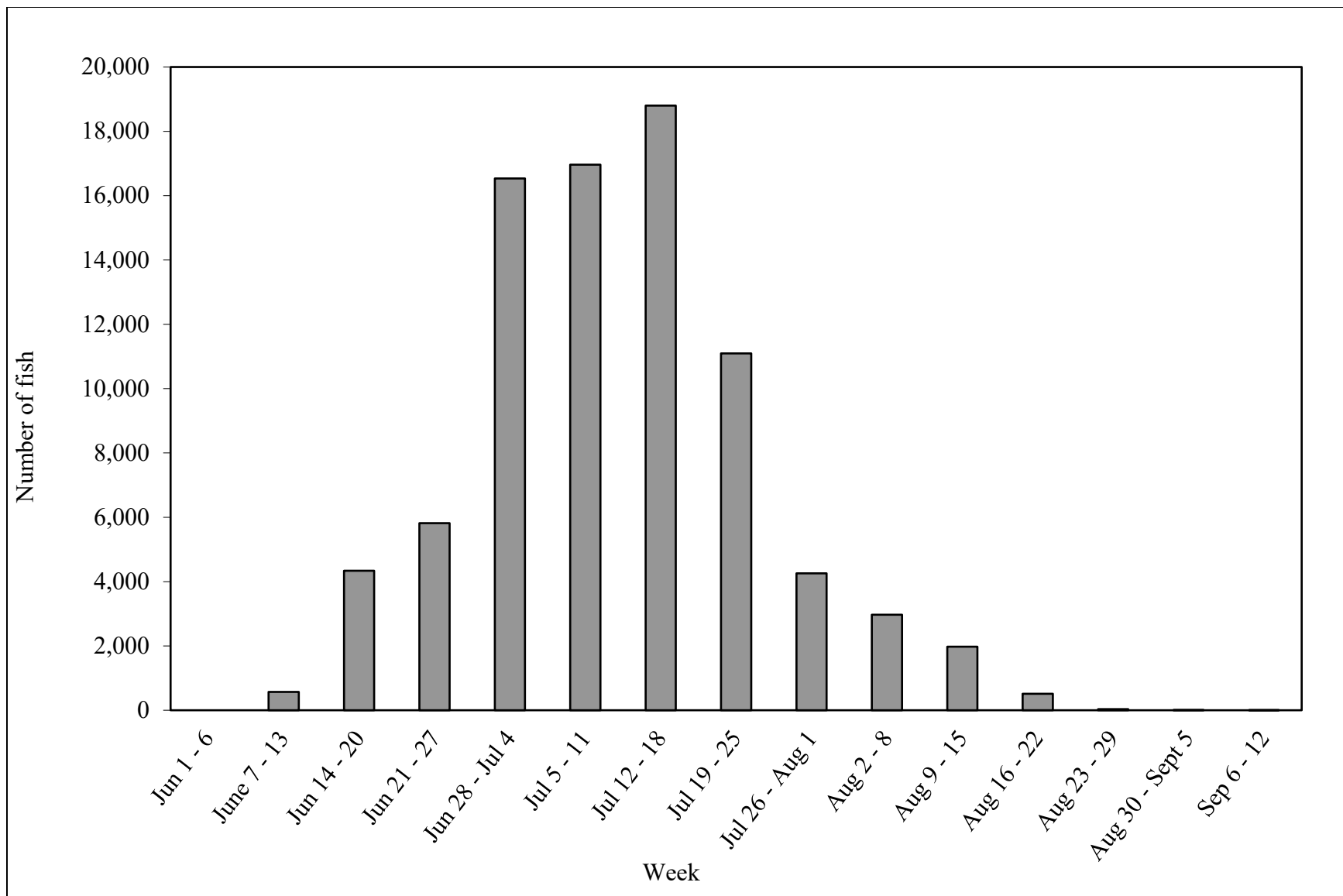


Figure 8.—Nelson Lagoon commercial sockeye salmon harvest by stat week, 2019.

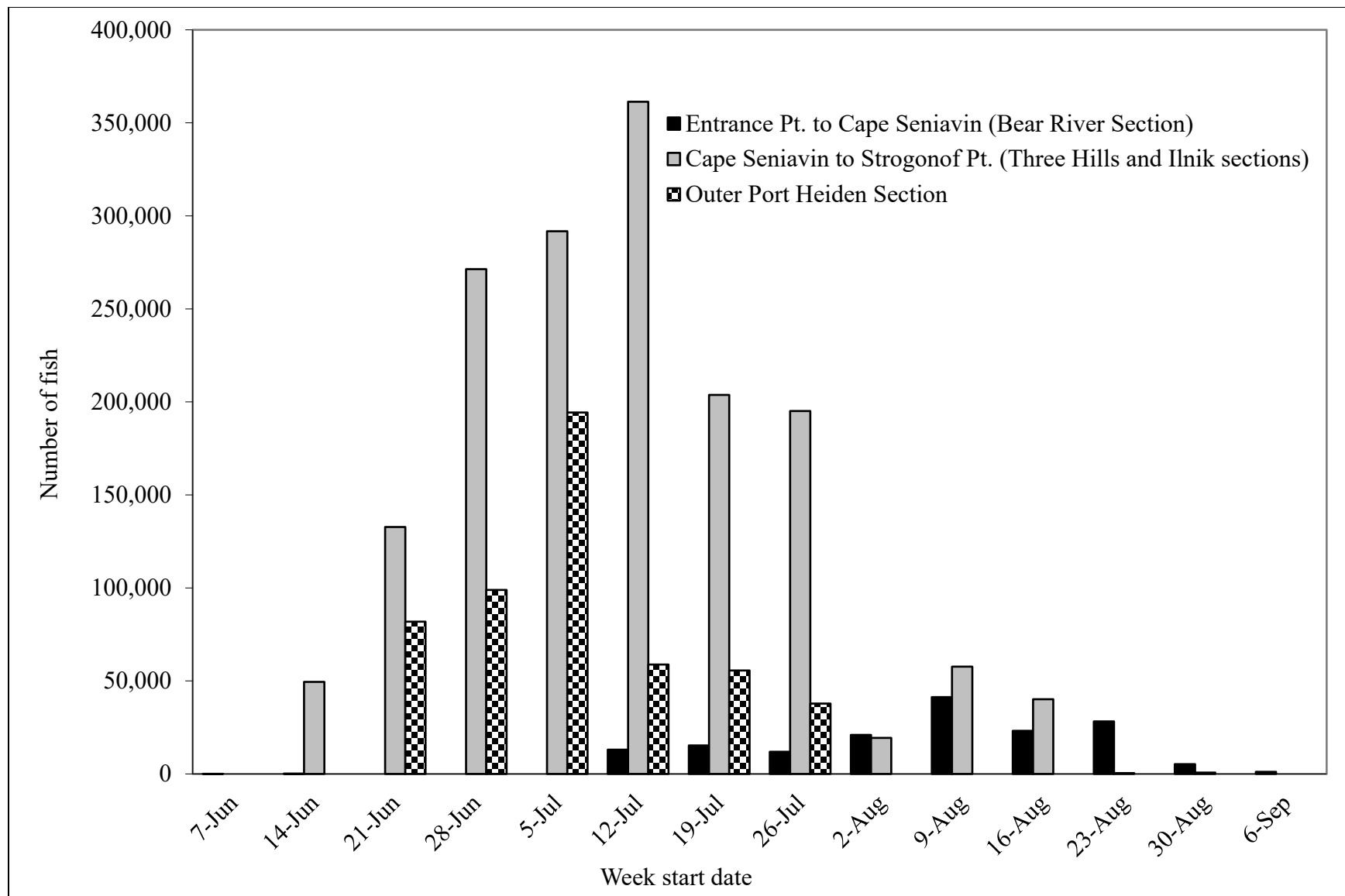


Figure 9.—Port Moller to Cape Seniavin, Cape Seniavin to Strogonof Point, and Outer Port Heiden sockeye salmon catch by stat week, 2019.

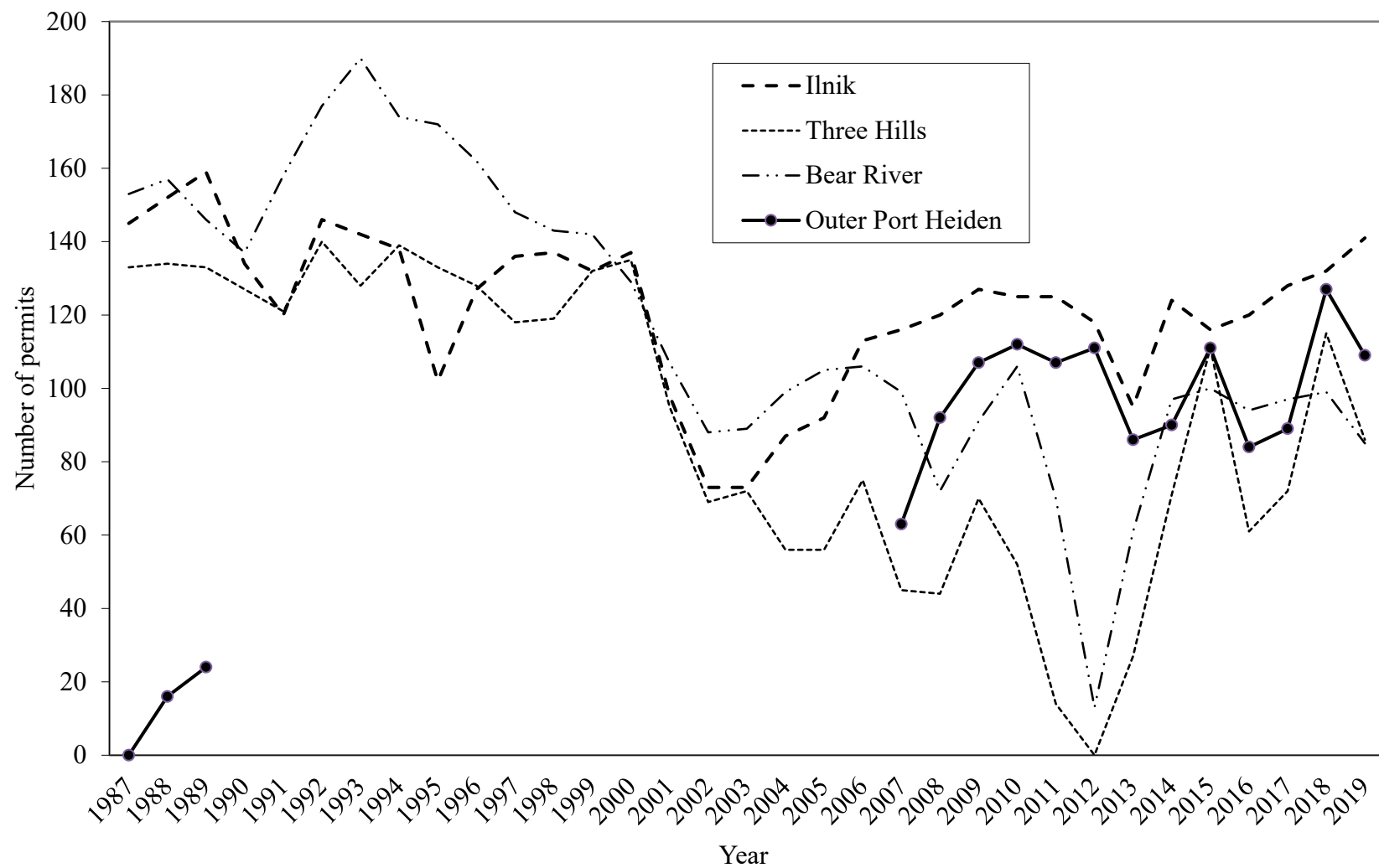


Figure 10.—Number of permits fished in the Ilnik, Three Hills, Bear River, and Outer Port Heiden sections, 1987–2019.

**APPENDIX A. NORTH ALASKA PENINSULA SALMON
ESCAPEMENT, 2019**

Appendix A1.–North Alaska Peninsula estimated total escapement for Chinook, sockeye, pink, and chum salmon, and peak escapement counts for coho salmon, 2019.

Northwestern District		Number of salmon ^a				
Stream #.	Stream name	Chinook	Sockeye	Coho	Pink	Chum
Urilia Bay Section						
311-30.06	Divide Creek	0	4,600	0	0	0
311-30.07	Whaleback Mtn. Creek	0	29,500	0	0	0
311-30.08	Christianson Lagoon	0	5,200	0	0	0
Christianson Lagoon System total		0	39,300	0	0	0
311-30.09	Mudhole	0	3,200	0	0	400
311-30.10	Clear Lagoon	0	1,300	0	0	100
Peterson Lagoon System total		0	4,500	0	0	500
311-40.01	Emil's River	0	0	0	0	0
311-40.04	North Creek	0	0	0	0	0
311-40.07	Otter Point Creek	0	0	0	0	0
Total Urilia Bay Section		0	43,800	0	0	500
Swanson Lagoon Section						
311-50.01	Big River	0	0	0	0	0
311-50.02	Swanson Lagoon System	0	9,500	0	0	0
Total Swanson Lagoon Section		0	9,500	0	0	0
Bechevin Bay Section						
311-60.01	St. Catherine Cove	0	0	0	15,500	4,100
311-60.06	Anderson's Creek	0	0	0	2,800	0
311-60.07 & .08	Trader's Cove	0	0	0	30,900	0
311-60.12	Warm Springs Bay	0	0	0	900	0
311-60.13	Hungry's Creek	0	0	0	107,400	0
311-60.18	Lampsoot Lagoon	0	0	0	0	0
Total Bechevin Bay Section		0	0	0	157,500	4,100
Izembek-Moffet Bay Section						
312-20.01	Norma Bay Lakes	0	0	0	0	0
312-20.02	Mike's Duck Camp Creek	0	0	0	0	0
312-20.03	Norma Bay, South	0	0	0	6,000	9,100
312-20.04	Third Bridge Creek	0	0	0	1,100	1,100
312-20.05	Frosty Creek	0	2,100	0	1,500	9,000
312-20.06	Blue Bill Lake	0	0	0	0	0
312-20.13	Outer Marker Lakes	0	0	0	0	100
312-20.51	Springs S Frosty Creek	0	2,000	0	0	2,000
312-20.52	Second Bridge Creek	0	4,100	0	0	700
Izembek Lagoon total		0	8,200	0	8,600	22,000
312-40.01	Joshua Green River	0	24,300	0	13,700	87,400
312-40.02	Moffet Springs Creek	0	0	0	10,300	17,200
312-40.03	Moffet Creek	0	4,300	0	12,100	5,500
312-40.04	Unnamed	0	0	0	0	0
312-40.05	Unnamed	0	0	0	0	0
Moffet Bay total		0	28,600	0	36,100	110,100
Total Izembek-Moffet Bay Section		0	36,800	0	44,700	132,100
Northwestern District total		0	90,100	0	202,200	136,700

-continued-

Appendix A1.–Page 2 of 4.

Northern District						
Stream #.	Stream name	Number of salmon ^a				
		Chinook	Sockeye	Coho	Pink	Chum
Black Hills Section						
313-10.02	North Creek	650	11,000	0	22,500	32,000
313-10.05	Cathedral River	0	0	0	0	0
313-10.06	Russian (Trader Mtn.) River	0	0	0	3,000	1,500
313-10.09	AMOCO Airstrip Creek	0	0	0	2,000	3,500
313-10.11	Black Hills Creek	500	0	0	22,000	9,000
313-10.14	Steelhead Creek	800	7,000	0	25,000	14,000
313-10.15	Mainshak Creek	0	800	0	2,000	1,000
Total Black Hills Section		1,950	18,800	0	76,500	61,000
Nelson Lagoon Section						
313-30.01 &04	David's R.	0	6,800	0	0	0
313-30.02	Caribou River	0	6,200	0	0	0
313-30.03	Nelson (Sapsuk) River	12,163	115,000	23,000	717	1,067
Total Nelson Lagoon Section		12,163	128,000	23,000	717	1,067
Herendeen-Moller Bay Section						
314-20.02	Buck Valley	0	0	0	0	0
314-20.03	Doe Valley	0	0	0	0	200
314-20.04	Deer Valley	0	1,000	0	0	12,000
314-20.05	Portage Valley	0	0	0	0	2,600
314-20.06	Grass Valley	0	1,300	0	0	10,700
314-20.07	Lawrence Valley	0	0	9,300	0	27,000
314-20.08	Mine Harbor	0	0	0	0	0
314-20.09	Coal Creek	0	0	2,800	0	4,000
Herendeen Bay total		0	2,300	12,100	0	56,500
314-30.04	Mud Bay, west creek	0	0	0	0	7,500
314-30.05	Mud Bay, east creek	0	0	0	0	4,250
314-30.07	Right Head Bay, south creek	0	0	0	0	2,000
314-30.09	Right Head Bay, north creek	0	0	0	0	10,300
314-30.10	Left Head Creek	0	0	4,100	0	14,500
Moller Bay total		0	0	4,100	0	38,550
Total Herendeen-Moller Bay Section		0	2,300	16,200	0	95,050
Bear River Section						
315-10.01	Frank's Lagoon	0	800	6,000	1,500	4,200
315-10.02	King Salmon River	900	0	1,200	0	0
315-11.02	Bear River	820	500,000	0	3,911	777
315-12.01	Sandy River	789	71,000	0	382	8
Total Bear River Section		2,509	571,800	7,200	5,793	4,985
Three Hills Section						
316-10.01	Lime Creek	0	0	400	0	500
316-10.02	Mid Three Hills	0	0	600	0	1,200
316-10.04	SW Three Hills	0	2,200	400	0	800
Total Three Hills Section		0	2,200	1,400	0	2,500

-continued-

Appendix A1.–Page 3 of 4.

Northern District (continued)						
Stream #.	Stream name	Number of salmon ^a				
		Chinook	Sockeye	Coho	Pink	Chum
Ilnik Section						
316-10.05	Ocean River/Wildman Lake	0	21,000	0	0	0
316-10.06	Willie Creek	0	0	0	0	0
316-20.01	Ilnik River	30	75,000	24,000	68	5
316-20.04	Unangashak River	0	0	3,000	0	0
316-20.05	East of Unangashak River	0	0	0	0	0
316-20.06	North of Unangashak River	0	0	0	0	0
Total Ilnik Section		30	75,000	27,000	68	5
Inner Port Heiden Section						
317-20.01	Unnamed, Port Heiden Area	0	0	0	0	0
317-20.02	Charles Creek	200	4,000	0	0	900
West Port Heiden Bay total		200	4,000	0	0	900
317-20.06	Highland Creek	0	4,000	0	0	0
317-20.04A & B	Red & Yellow Bluff Creeks	500	10,200	1,000	0	3,500
317-20.07 A	Meshik River, mainstem	800	17,500	44,000	0	0
317-20.07 B	Braided Creek	300	4,200	0	0	2,000
317-20.07 C	Landlocked Creek	400	12,000	0	0	0
317-20.07 D	Bluff Creek	0	0	0	0	0
317-20.07 E	Blue Violet Creek	400	18,000	7,000	0	1,800
317-20.07 F	Wolf Creek	0	900	0	0	600
317-20.07 G	Meshik River, G Creek	0	0	0	0	0
317-20.07 H	Shoe Creek	0	0	0	0	3,000
317-20.07 J	Meshik River, J Creek	0	200	0	0	300
317-20.07 K	Meshik River, K Creek	0	2,000	0	0	800
317-20.07 L	Meshik River, L Creek	150	8,000	0	0	2,000
317-20.07 M	Meshik River, M Creek	300	8,000	0	0	600
317-20.07 N	Meshik River, N Creek	0	3,000	0	0	500
317-20.07 O	Plenty Bear Creek	300	16,000	0	0	1,800
317-20.07 O-A	Paddle Creek	0	0	0	0	700
317-20.07 P	Waterfall Creek	0	0	0	0	0
317-20.07 R	Rainbow Creek	100	1,200	0	0	2,000
317-20.07 T	Cub Creek	75	2,000	0	0	400
Meshik River total		3,325	107,200	52,000	0	20,000
317-20.08	Birthday Creek	0	0	0	0	3,200
317-20.09	Barabara Creek	50	50	0	0	700
Total Inner Port Heiden Section		3,575	111,250	52,000	0	24,800
Outer Port Heiden section						
318-10.01	Reindeer Creek	0	0	0	0	115
Total Outer Port Heiden Section		0	0	0	0	115

-continued-

Appendix A1.—Page 4 of 4.

Northern District (continued)		Number of salmon ^a				
Stream #.	Stream name	Chinook	Sockeye	Coho	Pink	Chum
Cinder River Section						
318-20.01	SW of Mud Creek	0	0	0	0	0
SW of Cinder River total		0	0	0	0	0
318-20.04	Mud Creek	0	2,125	15,000	0	50
318-20.06 A	Cinder River, mainstem	1,000	68,500	27,000	0	18,000
318-20.06 B	Cinder River, B Creek	0	0	0	0	25
318-20.06 C	Cinder River, C Creek	0	0	0	0	0
318-20.06 D	Lava Creek	0	20,800	0	0	0
318-20.06 E	High Creek	0	550	0	0	0
318-20.06 H	Meloy Creek	0	0	0	0	0
318-20.06 J	Wiggly Creek	100	3,600	0	0	500
318-20.06 K	Ray Creek	0	200	0	0	300
318-20.06 L	Cinder River, L Creek	0	0	0	0	0
318-20.06 P	Cinder River, P Creek	0	0	0	0	0
Cinder River total		1,100	95,775	42,000	0	18,875
Total Cinder River Section		1,100	95,775	42,000	0	18,875
Northern District total		21,327	1,005,125	168,800	83,078	208,397
Total North Peninsula		21,327	1,095,225	168,800	285,278	345,097

^a Chinook, sockeye, pink, and chum salmon numbers are estimated total escapements. Coho salmon numbers are peak counts and based on limited data.

Appendix A2.—North Alaska Peninsula aerial salmon surveys, 2019.

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Divide Creek 311-3006									
7/11/2019		Stream	G	0	500	0	0	0	
Cassandra Whiteside		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/20/2019		Stream	G	0	1,300	0	0	0	Most of the fish high in river.
Cassandra Whiteside		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
8/8/2019		Stream	F	0	4,600	0	0	0	
Cassandra Whiteside		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Whaleback Mtn Crk 311-3007									
6/22/2019		Stream	F	0	0	0	0	0	No fish.
Cassandra Whiteside		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
6/29/2019		Stream	F	0	1,000	0	0	0	Green and brown.
Cassandra Whiteside		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/6/2019		Stream	F	0	1,000	0	0	0	Not many in river. Stopped survey half-way to whale-back.
Cassandra Whiteside		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/11/2019		Stream	F	0	5,000	0	0	0	A section of stream was muddy with poor visibility. Above the muddy section, visibility was good.
Cassandra Whiteside		Mouth	F	0	0	0	0	0	
		Bay	F	0	100	0	0	0	

-continued-

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Whaleback Mtn Crk 311-3007									
7/20/2019	Cassandra Whiteside	Stream	F	0	12,800	0	0	0	Lower section of stream is muddy with poor vis.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
8/8/2019	Cassandra Whiteside	Stream	F	0	29,500	0	0	0	Some stretches muddy and green.
		Mouth	F	0	0	0	0	0	
		Bay	P	0	0	0	0	0	
Christianson Lagoon 311-3008									
6/22/2019	Cassandra Whiteside	Stream	F	0	500	0	0	0	Murky.
		Mouth	F	0	0	0	0	0	
		Bay	F	0	0	0	0	0	
6/29/2019	Cassandra Whiteside	Stream	P	0	4,000	0	0	0	Green and murky.
		Mouth	P	0	0	0	0	0	
		Bay	F	0	500	0	0	0	
7/6/2019	Cassandra Whiteside	Stream	P	0	5,200	0	0	0	500 reds in mouth counted as escapement.
		Mouth	P	0	0	0	0	0	
		Bay	F	0	1,000	0	0	0	
7/11/2019	Cassandra Whiteside	Stream	F	0	1,000	0	0	0	Lagoon green and murky.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/20/2019	Cassandra Whiteside	Stream	F	0	3,600	0	0	0	Water green.
		Mouth	P	0	0	0	0	0	
		Bay	P	0	0	0	0	0	
8/8/2019	Cassandra Whiteside	Stream	P	0	900	0	0	0	Mostly muddy and green.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Mud Hole 311-3009									
6/29/2019		Stream	F	0	0	0	0	0	No fish.
Cassandra Whiteside	Mouth	F	0	0	0	0	0		
	Bay	F	0	0	0	0	0		
7/6/2019		Stream	F	0	0	0	0	400	
Cassandra Whiteside	Mouth	F	0	0	0	0	0		
	Bay	F	0	0	0	0	0		
7/11/2019		Stream	F	0	0	0	0	0	No fish.
Cassandra Whiteside	Mouth	F	0	0	0	0	0		
	Bay	F	0	0	0	0	0		
7/20/2019		Stream	F	0	200	0	0	0	200 in stream, coloring up.
Cassandra Whiteside	Mouth		0	0	0	0	0		
	Bay		0	0	0	0	0		
8/8/2019		Stream	G	0	3,200	0	0	0	2,400 on redds, 800 in schools.
Cassandra Whiteside	Mouth	F	0	0	0	0	0		
	Bay	F	0	0	0	0	0		
Clear Lagoon 311-3010									
6/29/2019		Stream	F	0	0	0	0	0	No fish.
Cassandra Whiteside	Mouth	F	0	0	0	0	0		
	Bay	F	0	0	0	0	0		
7/6/2019		Stream	F	0	0	0	0	100	
Cassandra Whiteside	Mouth	F	0	0	0	0	0		
	Bay	F	0	0	0	0	0		

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Clear Lagoon 311-3010									
7/11/2019		Stream	F	0	0	0	0	0	No fish.
Cassandra Whiteside		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/20/2019		Stream	F	0	600	0	0	0	600 in lagoon
Cassandra Whiteside		Mouth	F	0	0	0	0	0	
		Bay	F	0	0	0	0	0	
8/8/2019		Stream	G	0	1,300	0	0	0	Mostly reds on redds.
Cassandra Whiteside		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Swanson Lagoon 311-5002									
6/22/2019		Stream	G	0	100	0	0	0	
Cassandra Whiteside		Mouth	G	0	0	0	0	0	
		Bay	F	0	0	0	0	0	
6/29/2019		Stream	F	0	0	0	0	0	No fish observed, but two bears on the beach.
Cassandra Whiteside		Mouth	F	0	0	0	0	0	
		Bay	F	0	0	0	0	0	
7/6/2019		Stream	F	0	0	0	0	0	No fish observed. Windy 25 plus. Wind, waves and sand in water.
Cassandra Whiteside		Mouth	P	0	0	0	0	0	
		Bay	F	0	0	0	0	0	
7/11/2019		Stream	G	0	0	0	0	0	No salmon, some Dolly Varden upstream.
Cassandra Whiteside		Mouth	F	0	0	0	0	0	
		Bay	F	0	0	0	0	0	

-continued-

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Swanson Lagoon 311-5002									
7/20/2019		Stream	F	0	400	0	0	0	300 up from mouth
Cassandra Whiteside		Mouth	F	0	0	0	0	0	
		Bay	P	0	0	0	0	0	
8/8/2019		Stream	G	0	9,500	0	0	0	2,300 just inside mouth counted as
Cassandra Whiteside		Mouth	F	0	0	0	0	0	escapement. 600 lagoon. 6,600
		Bay	F	0	1,000	0	0	0	stream.
Mike's Valley 311-6001									
6/29/2019		Stream	F	0	0	0	0	0	Muddy, no fish.
Cassandra Whiteside		Mouth	P	0	0	0	0	0	
		Bay	F	0	0	0	0	0	
7/6/2019		Stream	G	0	0	0	280	0	Surveyed first 1/2 to 1 mile of river.
Cassandra Whiteside		Mouth	F	0	0	0	0	0	Windy.
		Bay	F	0	0	0	0	0	
7/11/2019		Stream	G	0	0	0	500	8,000	Pinks just above mouth.
Cassandra Whiteside		Mouth	F	0	0	0	0	0	
		Bay	F	0	0	0	0	0	
7/20/2019		Stream	G	0	0	0	6,000	16,000	Pinks low in river.
Cassandra Whiteside		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
8/8/2019		Stream	G	0	0	0	15,000	33,000	
Cassandra Whiteside		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	1,000	0	

-continued-

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Anderson's Creek 311-6006									
7/23/2019		Stream	G	0	0	0	2,800	0	
Cassandra Whiteside		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	1,400	0	
8/9/2019		Stream	G	0	0	0	1,500	0	
Lisa Fox		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Trader's Cove South Trib 311-6007									
7/23/2019		Stream	G	0	0	0	6,600	0	
Cassandra Whiteside		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
8/9/2019		Stream	G	0	0	0	22,500	0	
Lisa Fox		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Trader's Cove 311-6008									
8/9/2019		Stream	G	0	0	0	3,700	0	
Lisa Fox		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	1,000	0	
Warmsprings Bay 311-6012									
7/23/2019		Stream	F	0	0	0	900	0	In lower section of river.
Cassandra Whiteside		Mouth	G	0	0	0	0	0	
		Bay		0	0	0	0	0	
8/9/2019		Stream	G	0	0	0	300	0	Dry up top.
Lisa Fox		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	

-continued-

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Hungry's Creek 311-6013									
7/23/2019		Stream	G	0	0	0	4,400	0	1500 in salt. 4400 in river.
Cassandra Whiteside	Mouth	G	0	0	0	0	0		
	Bay	G	0	0	0	1,500	0		
8/9/2019		Stream	G	0	0	0	107,400	0	
Lisa Fox	Mouth	G	0	0	0	0	0	0	
	Bay	G	0	0	0	0	0	0	
Unnamed 311-6018									
7/23/2019		Stream	F	0	0	0	0	0	No fish.
Cassandra Whiteside	Mouth	F	0	0	0	0	0		
	Bay		0	0	0	0	0		
Norma Bay Lakes 312-2001									
8/16/2019		Stream	F	0	0	0	0	0	No fish. Some lakes no longer exist. They are either dry or replaced with a narrow channel.
Cassandra Whiteside	Mouth	F	0	0	0	0	0		
	Bay		0	0	0	0	0		
Alligator Hole		Ctr. 312-2003							
8/16/2019		Stream	F	0	0	0	6,000	9,100	
Cassandra Whiteside	Mouth		0	0	0	0	0		
	Bay		0	0	0	0	0		
Alligator Hole		East 312-2004							
8/16/2019		Stream	F	0	0	0	1,100	1,100	
Cassandra Whiteside	Mouth	F	0	0	0	0	0	0	
	Bay		0	0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Frosty Creek 312-2005									
8/16/2019		Stream	F	0	2,100	0	1,500	9,000	
Cassandra Whiteside		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Blue Bill Lake 312-2006									
8/16/2019		Stream	F	0	0	0	0	0	No fish.
Cassandra Whiteside		Mouth	F	0	0	0	0	0	
		Bay	F	0	0	0	0	0	
Outer Marker Lakes 312-2013									
8/16/2019		Stream	F	0	0	0	0	100	Chum in stream (not lakes).
Cassandra Whiteside		Mouth	F	0	0	0	0	0	
		Bay	F	0	0	0	0	0	
Springs S Frosty Crk 312-2051									
8/16/2019		Stream	G	0	2,000	0	0	2,000	
Cassandra Whiteside		Mouth	F	0	0	0	0	0	
		Bay		0	0	0	0	0	
2nd W Of Frosty Crk 312-2052									
8/16/2019		Stream		0	4,100	0	0	700	
Cassandra Whiteside		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Joshua Green River 312-4001									
7/23/2019		Stream	G	0	8,000	0	8,200	45,400	
Cassandra Whiteside		Mouth	G	0	0	0	0	0	
		Bay	F	0	0	0	0	500	
8/16/2019		Stream	F	0	24,300	0	13,700	42,000	
Cassandra Whiteside		Mouth	F	0	0	0	0	0	
		Bay	F	0	0	0	0	0	

-continued-

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Moffet Springs Crk 312-4002									
7/23/2019	Cassandra Whiteside	Stream	G	0	0	0	0	1,900	
		Mouth	G	0	0	0	0	0	
		Bay			0	0	0	0	0
8/16/2019	Cassandra Whiteside	Stream	F	0	0	0	10,300	15,300	
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Moffet Creek 312-4003									
7/23/2019	Cassandra Whiteside	Stream	F	0	200	0	0	1,300	
		Mouth	F	0	0	0	0	0	
		Bay			0	0	0	0	0
8/16/2019	Cassandra Whiteside	Stream	F	0	4,300	0	12,100	4,200	A: 1,700 sockeye, 6,400 pinks and 4,200 chum. B: 2,600 sockeye and 5,700 pinks.
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Unnamed 312-4004									
8/16/2019	Cassandra Whiteside	Stream	G	0	0	0	0	0	No fish.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Unnamed 312-4005									
8/16/2019	Cassandra Whiteside	Stream	G	0	0	0	0	0	No fish. Narrow stream.
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
North Creek 313-1002									
8/22/2019	Bob Murphy	Stream		650	11,000	0	22,000	32,000	
		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Cathedral River 313-1005									
8/22/2019		Stream		0	0	0	0	0	Too murky to count.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Trader Mtn Cr. (Russian R.) 313-1006									
8/22/2019		Stream		0	0	0	3,000	1,500	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Amoco Airstrip Creek 313-1009									
8/22/2019		Stream		0	0	0	2,000	3,500	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Black Hills Creek 313-1011									
8/22/2019		Stream		500	0	0	22,000	9,000	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Steelhead Creek 313-1014									
8/22/2019		Stream		800	7,000	0	25,000	14,000	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Mainshak Creek 313-1015									
8/22/2019		Stream		0	800	0	2,000	1,000	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
David's River 313-3001									
7/3/2019		Stream		0	0	0	0	0	Too murky to count.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
8/22/2019		Stream		0	6,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Caribou River 313-3002									
7/3/2019		Stream		0	0	0	0	0	Too murky to count.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/16/2019		Stream		0	6,200	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Sapsuk River Branches and Lake 313-3003									
6/19/2019		Stream		15	2,500	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
6/20/2019		Stream		1,000	8,000	0	0	0	Lots of sport fishermen on the river.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
6/22/2019		Stream		200	12,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Sapsuk River		Branches and Lake 313-3003							
6/29/2019		Stream		1,500	9,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/3/2019		Stream		2,000	14,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/5/2019		Stream		2,400	10,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/10/2019		Stream		1,800	15,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/16/2019		Stream		800	11,500	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/22/2019		Stream		1,500	8,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/26/2019		Stream		200	12,500	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
8/22/2019		Stream		0	0	9,000	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Sapsuk River				Branches and Lake 313-3003					
8/26/2019		Stream		0	0	15,000	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	0	23,000	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Doe Valley 314-2003									
8/9/2019		Stream		0	0	0	0	200	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Deer Valley 314-2004									
8/9/2019		Stream		0	1,000	0	0	12,000	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Portage Creek 314-2005									
8/9/2019		Stream		0	0	0	0	2,300	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Grass Valley 314-2006									
7/22/2019		Stream		0	1,100	0	0	6,000	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
8/9/2019		Stream		0	1,300	0	0	10,700	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Lawrence Valley 314-2007									
7/22/2019		Stream		0	0	0	0	18,000	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
8/9/2019		Stream		0	0	0	0	25,000	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	0	9,300	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Mine Harbor 314-2008									
8/9/2019		Stream		0	0	0	0	0	No fish observed.
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Coal Creek 314-2009									
7/22/2019		Stream		0	0	0	0	4,000	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
8/9/2019		Stream		0	0	0	0	3,300	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	0	2,800	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Mud Bay		West Creek 314-3004							
8/9/2019		Stream		0	0	0	0	7,500	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Mud Bay		East Creek 314-3005							
8/9/2019		Stream		0	0	0	0	4,250	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Right Head Bay		South Creek 314-3007							
8/9/2019		Stream		0	0	0	0	2,000	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Right Head Bay		North Creek 314-3009							
8/9/2019		Stream		0	0	0	0	10,300	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Left Head Creek 314-3010									
8/9/2019		Stream		0	0	0	0	12,000	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	0	4,100	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Frank's Lagoon 315-1001									
7/30/2019		Stream		0	800	0	1,500	4,200	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	400	6,000	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
King Salmon River 315-1002									
7/5/2019		Stream		900	0	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	0	1,200	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Bear River, Branches and Lake 315-1102									
6/22/2019		Stream		0	5,500	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
6/24/2019		Stream		0	2,800	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
6/29/2019		Stream		0	3,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Bear River		Branches and Lake 315-1102							
7/1/2019		Stream		0	4,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/3/2019		Stream		0	7,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/5/2019		Stream		0	8,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/10/2019		Stream		0	8,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/16/2019		Stream		0	5,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/22/2019		Stream		820	4,600	0	0	50	Chinook and chum observed in Ridgerunner Creek.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/30/2019		Stream		0	7,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
8/9/2019		Stream		0	8,450	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Bear River		Branches and Lake 315-1102							
8/15/2019		Stream		0	2,600	0	500	0	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
8/20/2019		Stream		0	3,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	4,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Lime Creek 316-1001									
7/30/2019		Stream		0	0	0	0	500	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	0	400	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Unnamed		Mid Three Hills 316-1002							
7/30/2019		Stream		0	0	0	0	1,200	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	0	600	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
SW Three Hills 316-1004									
7/30/2019		Stream		0	2,200	0	0	800	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	0	400	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Ocean River 316-1005									
7/30/2019		Stream		0	21,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Ilnik River/Estuary 316-2001									
6/19/2019		Stream		0	2,500	0	0	0	Fish observed behind weir.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
6/24/2019		Stream		0	2,500	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/1/2019		Stream		0	800	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
8/20/2019		Stream		0	0	6,000	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Ilnik River/Estuary 316-2001									
9/4/2019		Stream		0	0	24,000	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Unangashak River 316-2004									
9/4/2019		Stream		0	0	3,000	0	0	Water is very turbid.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Charles Creek 317-2002									
7/30/2019		Stream		200	4,000	0	0	900	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Highland Creek 317-2006									
7/30/2019		Stream		0	4,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Birthday Creek 317-2008									
7/30/2019		Stream		0	0	0	0	3,200	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Barbara Creek 317-2009									
7/30/2019		Stream		50	50	0	0	700	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Red Bluff Creek 317-204A									
7/30/2019		Stream		500	10,200	0	0	3,500	Red Bluff: 300 kings. 8,000 sockeye. 2,000 chum. Yellow Bluff: 200 kings. 2,200 sockeye. 1,500 chum.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	0	1,000	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Meshik River, Mainstem 317-207A									
6/19/2019		Stream		1,000	28,000	0	0	0	Surveyed from Bay to 5 miles above Scotts Island.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
6/24/2019		Stream		1,300	42,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/1/2019		Stream		2,500	69,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/10/2019		Stream		2,500	82,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/30/2019		Stream		800	17,000	0	0	0	Sockeye observed in lake, beaver damn almost blocking outlet.
7/30/2019		Stream		0	500	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Meshik River, Mainstem 317-207A									
9/4/2019		Stream		0	0	44,000	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Braided Creek 317-207B									
7/30/2019		Stream		300	4,200	0	0	2,000	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Landlocked Cr.(Hotsprings Cr.) 317-207C									
7/30/2019		Stream		400	12,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Bluff Creek, Branch of Landlocked 317-207D									
7/30/2019		Stream		0	0	0	0	0	No fish. Stream blocked by beaver damn.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Blue Violet, Sleepy and Black Creeks 317-207E									
7/30/2019		Stream		400	18,000	0	0	1,800	4,000 of the 18,000 sockeye observed in Black Creek.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	0	7,000	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Wolf Creek 317-207F									
7/30/2019		Stream		0	900	0	0	600	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Meshik River, G Creek 317-207G									
7/30/2019		Stream		0	0	0	0	0	No fish observed.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Shoe Creek 317-207H									
7/30/2019		Stream		0	0	0	0	3,000	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Meshik River, J Creek 317-207J									
7/30/2019		Stream		0	200	0	0	300	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Meshik River, K Creek 317-207K									
7/30/2019		Stream		0	2,000	0	0	800	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Meshik River, L Creek 317-207L									
7/30/2019		Stream		150	8,000	0	0	2,000	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Meshik River, M Creek 317-207M									
7/30/2019		Stream		300	8,000	0	0	600	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Meshik River, N Creek 317-207N									
7/30/2019		Stream		0	3,000	0	0	500	
	Bob Murphy	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Plenty Bear Creek 317-207O									
7/30/2019		Stream		300	16,000	0	0	1,800	
	Bob Murphy	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Paddle Creek 317-207OA									
7/30/2019		Stream		0	0	0	0	700	
	Bob Murphy	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Waterfall Creek 317-207P									
7/30/2019		Stream		0	0	0	0	0	Too murky to count.
	Bob Murphy	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Rainbow Creek 317-207R									
7/30/2019		Stream		100	1,200	0	0	2,000	
	Bob Murphy	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Cub Creek 317-207T									
7/30/2019		Stream		75	2,000	0	0	400	
	Bob Murphy	Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Reindeer Creek 318-1001									
7/30/2019		Stream		0	0	0	0	115	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Mud Creek 318-2004									
7/30/2019		Stream		0	2,125	0	0	50	A Stream: 1,500 sockeye. B Stream: 625 sockeye
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	0	15,000	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Cinder River Mainstem 318-206A									
6/24/2019		Stream		0	0	0	0	0	8,000 walrus observed on beach south of Cinder River at 3:15 PM.
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
7/30/2019		Stream		1,000	68,500	0	0	18,000	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
9/4/2019		Stream		0	0	27,000	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Cinder River B Creek 318-206B									
7/30/2019		Stream		0	0	0	0	25	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

-continued-

Stream				Species					
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Lava Creek 318-206D									
7/30/2019		Stream		0	20,800	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
High Creek 318-206E									
7/30/2019		Stream		0	550	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Meloy Creek 318-206H									
7/30/2019		Stream		0	0	0	0	0	No fish observed.
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Wiggly Creek 318-206J									
7/30/2019		Stream		100	3,600	0	0	500	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Ray Creek 318-206K									
7/30/2019		Stream		0	200	0	0	300	
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	
Cinder River		L Creek 318-206L							
7/30/2019		Stream		0	0	0	0	0	No fish observed.
Reid Johnson		Mouth		0	0	0	0	0	
		Bay		0	0	0	0	0	

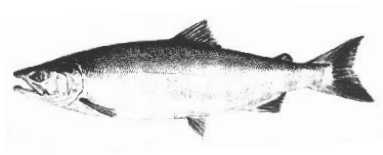
Note: Visibility classified as good, fair, or poor.

**APPENDIX B. NORTH ALASKA PENINSULA TEST
FISHERY, 2019**

**ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES
NEWS RELEASE**



*Doug Vincent-Lang, Commissioner
Sam Rabung, Director*



Contact:
Bob Murphy, Area Management Biologist
Reid Johnson, Asst. Area Management Biologist

Port Moller Office
P.O. Box 163
Port Moller, Alaska 99571

Phone: (907) 375-2716
Email: robert.murphy@alaska.gov

Date Issued: August 4, 2019
Time: 8:00 p.m.

BEAR RIVER TEST FISHERY UPDATE #1

On August 3, 8 drift gillnet vessels participated in a test fishery. The harvest in number of fish was:

Chinook: 0
Sockeye: 3,758
Coho: 33
Pink: 115
Chum: 318

There are no changes to any commercial fishery announcements at this time.

Statistical charts and harvest strategies are available at the Sand Point, Cold Bay, and Port Moller Fish and Game offices. Commercial salmon fishing regulations, commercial harvest, escapement, and news releases can be found on the ADF&G website at:

<http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareaakpeninsula.salmon>

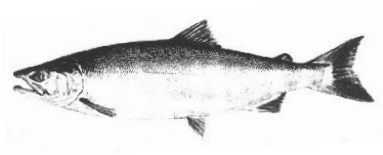
Salmon fishery announcements will be broadcast on VHF channel 72 daily at 9:00 a.m. and 8:00 p.m. and may also be obtained from ADF&G in Port Moller at 375-2716.

Note: Numbers reported in this appendix are from preliminary verbal reports from fishermen and may differ from fish ticket totals.

**ALASKA DEPARTMENT OF FISH AND GAME
DIVISION OF COMMERCIAL FISHERIES
NEWS RELEASE**



*Doug Vincent-Lang, Commissioner
Sam Rabung, Director*



Contact:
Bob Murphy, Area Management Biologist
Reid Johnson, Asst. Area Management Biologist

Port Moller Office
P.O. Box 163
Port Moller, Alaska 99571

Phone: (907) 375-2716
Email: robert.murphy@alaska.gov

Date Issued: August 8, 2019
Time: 9:00 a.m.

BEAR RIVER TEST FISHERY UPDATE #2

On August 7, eight drift gillnet vessels participated in a test fishery. The harvest in number of fish was:

Chinook: 0
Sockeye: 5,139
Coho: 13
Pink: 108
Chum: 287

There are no changes to any commercial fishery announcements at this time.

Statistical charts and harvest strategies are available at the Sand Point, Cold Bay, and Port Moller Fish and Game offices. Commercial salmon fishing regulations, commercial harvest, escapement, and news releases can be found on the ADF&G website at:

<http://www.adfg.alaska.gov/index.cfm?adfg=commercialbyareaakpeninsula.salmon>

Salmon fishery announcements will be broadcast on VHF channel 72 daily at 9:00 a.m. and 8:00 p.m. and may also be obtained from ADF&G in Port Moller at 375-2716.

Note: Numbers reported in this appendix are from preliminary verbal reports from fishermen and may differ from fish ticket totals.

**APPENDIX C. SUMMARY OF NORTH ALASKA
PENINSULA EXVESSEL VALUE**

Appendix C1.—Summary of commercial salmon fishing exvessel value, 1997-2019.

	Gear name	Exvessel value					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1997	Drift gillnet	\$53,464	\$10,682,245	\$266,432	\$19,270	\$48,795	\$11,070,206
	Purse seine	\$29	\$85,992	\$0	\$23	\$30,761	\$116,805
	Set gillnet	\$25,924	\$2,126,353	\$126,431	\$399	\$7,132	\$2,286,238
	Total	\$79,417	\$12,894,590	\$392,863	\$19,692	\$86,688	\$13,473,249
1998	Drift gillnet	\$25,285	\$5,096,974	\$367,480	\$12,914	\$40,420	\$5,543,073
	Purse seine	\$7	\$81,528	\$10,964	\$116	\$16,931	\$109,546
	Set gillnet	\$15,166	\$649,209	\$83,620	\$329	\$6,818	\$755,143
	Total	\$40,458	\$5,827,712	\$462,064	\$13,359	\$64,170	\$6,407,763
1999	Drift gillnet	\$20,837	\$7,610,937	\$96,639	\$2,138	\$32,835	\$7,763,386
	Purse seine	\$0	\$396,873	\$3,060	\$23	\$23	\$399,979
	Set gillnet	\$9,484	\$1,258,132	\$15,087	\$33	\$2,417	\$1,285,152
	Total	\$30,320	\$9,265,942	\$114,786	\$2,193	\$35,275	\$9,448,516
2000	Drift gillnet	\$19,142	\$8,650,431	\$151,373	\$5,510	\$46,422	\$8,872,879
	Purse seine	\$31	\$326,181	\$30,862	\$200	\$4,972	\$362,245
	Set gillnet	\$8,182	\$837,569	\$43,768	\$43	\$3,387	\$892,950
	Total	\$27,355	\$9,814,181	\$226,003	\$5,754	\$54,781	\$10,128,074
2001	Drift gillnet	\$9,455	\$2,880,943	\$25,455	\$2,811	\$41,939	\$2,960,603
	Purse seine	\$9	\$107,538	\$1	\$69	\$71,636	\$179,252
	Set gillnet	\$8,978	\$361,169	\$2,617	\$16	\$3,840	\$376,620
	Total	\$18,442	\$3,349,650	\$28,073	\$2,895	\$117,415	\$3,516,475
2002	Drift gillnet	\$9,980	\$2,910,867	\$22,601	\$3,016	\$16,351	\$2,962,814
	Purse seine	\$18	\$134,887	\$1	\$40	\$4,245	\$139,190
	Set gillnet	\$4,728	\$535,392	\$3,144	\$13	\$2,268	\$545,544
	Total	\$14,725	\$3,581,145	\$25,746	\$3,068	\$22,864	\$3,647,548
2003	Drift gillnet	\$13,327	\$3,696,333	\$59,296	\$3,254	\$15,204	\$3,787,414
	Purse seine	\$4	\$152,948	\$0	\$4	\$4,908	\$157,863
	Set gillnet	\$4,015	\$689,548	\$25,836	\$4	\$2,196	\$721,598
	Total	\$17,345	\$4,538,829	\$85,131	\$3,262	\$22,308	\$4,666,875
2004	Drift gillnet	\$32,104	\$5,467,673	\$44,510	\$1,453	\$4,882	\$5,550,622
	Purse seine	\$12	\$243,053	\$0	\$0	\$4,205	\$247,271
	Set gillnet	\$8,631	\$898,615	\$25,201	\$42	\$1,578	\$934,066
	Total	\$40,748	\$6,609,341	\$69,711	\$1,495	\$10,664	\$6,731,959

-continued-

Year	Gear name	Exvessel value					
		Chinook	Sockeye	Coho	Pink	Chum	Total
2005	Drift gillnet	\$41,325	\$10,058,371	\$120,476	\$841	\$9,879	\$10,230,892
	Purse seine	\$0	\$399,475	\$0	\$8	\$23,187	\$422,669
	Set gillnet	\$14,180	\$811,711	\$51,862	\$8	\$2,225	\$879,986
	Total	\$55,505	\$11,269,557	\$172,338	\$857	\$35,290	\$11,533,547
2006	Drift gillnet	\$76,814	\$6,740,930	\$135,327	\$2,071	\$82,396	\$7,037,538
	Purse seine	\$32	\$172,049	\$99	\$218	\$36,359	\$208,756
	Set gillnet	\$8,032	\$491,581	\$127,058	\$272	\$6,260	\$633,203
	Total	\$84,879	\$7,404,559	\$262,484	\$2,561	\$125,015	\$7,879,498
2007	Drift gillnet	\$35,282	\$11,730,890	\$106,469	\$2,515	\$87,651	\$11,962,808
	Purse seine	\$0	\$141,239	\$0	\$539	\$81,137	\$222,914
	Set gillnet	\$6,249	\$850,718	\$105,023	\$193	\$5,709	\$967,891
	Total	\$41,531	\$12,722,847	\$211,492	\$3,247	\$174,497	\$13,153,613
2008	Drift gillnet	\$13,146	\$7,342,127	\$312,091	\$2,788	\$60,252	\$7,730,404
	Purse seine	\$81	\$172,342	\$2	\$2,686	\$208,293	\$383,404
	Set gillnet	\$4,462	\$403,478	\$104,071	\$0	\$2,201	\$514,213
	Total	\$17,689	\$7,917,947	\$416,165	\$5,474	\$270,746	\$8,628,021
2009	Drift gillnet	\$34,114	\$9,500,119	\$102,286	\$145	\$70,196	\$9,706,860
	Purse seine	\$0	\$154,392	\$0	\$207	\$26,793	\$181,392
	Set gillnet	\$3,188	\$495,572	\$94,693	\$1	\$3,398	\$596,852
	Total	\$37,302	\$10,150,083	\$196,979	\$353	\$100,387	\$10,485,104
2010	Drift gillnet	\$40,970	\$10,967,623	\$117,826	\$1,577	\$222,112	\$11,350,108
	Purse seine	\$27	\$246,640	\$6	\$1,011	\$468,076	\$715,759
	Set gillnet	\$6,019	\$322,605	\$140,262	\$26	\$10,036	\$478,949
	Total	\$47,016	\$11,536,868	\$258,094	\$2,614	\$700,225	\$12,544,816
2011	Drift gillnet	\$33,894	\$4,400,844	\$28,593	\$3,017	\$287,918	\$4,754,266
	Purse seine	\$111	\$77,557	\$4,393	\$7,885	\$451,665	\$541,610
	Set gillnet	\$9,414	\$265,174	\$42,435	\$10	\$4,644	\$321,677
	Total	\$43,418	\$4,743,575	\$75,421	\$10,912	\$744,227	\$5,617,554
2012	Drift gillnet	\$16,288	\$3,112,304	\$54,471	\$802	\$478,256	\$3,662,120
	Purse seine	\$74	\$269,315	\$249	\$406	\$161,333	\$431,378
	Set gillnet	\$2,802	\$342,751	\$60,442	\$10	\$13,235	\$419,240
	Total	\$19,164	\$3,724,369	\$115,162	\$1,218	\$652,825	\$4,512,737

-continued-

Year	Gear name	Exvessel value					
		Chinook	Sockeye	Coho	Pink	Chum	Total
2013	Drift gillnet	\$5,259	\$3,903,534	\$53,498	\$3,015	\$97,735	\$4,063,041
	Purse seine	\$16	\$194,315	\$0	\$110	\$196,087	\$390,528
	Set gillnet	\$1,816	\$780,139	\$50,301	\$5	\$8,742	\$841,003
	Total	\$7,091	\$4,877,987	\$103,799	\$3,130	\$302,564	\$5,294,572
2014	Drift gillnet	\$10,819	\$12,580,814	\$231,914	\$6,465	\$74,002	\$12,904,013
	Purse seine	\$504	\$286,310	\$21,825	\$727	\$335,012	\$644,378
	Set gillnet	\$4,166	\$899,510	\$133,950	\$221	\$6,206	\$1,044,053
	Total	\$15,489	\$13,766,634	\$387,688	\$7,413	\$415,220	\$14,592,444
2015	Drift gillnet	\$39,124	\$8,492,178	\$97,985	\$4,506	\$44,755	\$8,678,548
	Purse seine	\$0	\$79,805	\$974	\$2,324	\$268,565	\$351,667
	Set gillnet	\$10,524	\$626,623	\$62,647	\$17	\$4,689	\$704,500
	Total	\$49,648	\$9,198,606	\$161,606	\$6,847	\$318,008	\$9,734,715
2016	Drift gillnet	\$24,458	\$12,818,194	\$132,387	\$0	\$18,820	\$12,993,858
	Purse seine	\$0	\$139,343	\$640	\$0	\$463	\$140,445
	Set gillnet	\$21,196	\$804,941	\$44,405	\$0	\$9,515	\$880,057
	Total	\$45,654	\$13,762,477	\$177,431	\$0	\$28,798	\$14,014,360
2017	Drift gillnet	\$62,546	\$20,928,151	\$21,473	\$0	\$44,520	\$21,056,690
	Purse seine	\$53	\$452,686	\$88	\$0	\$107,031	\$559,858
	Set gillnet	\$11,917	\$1,300,196	\$312	\$0	\$11,586	\$1,324,010
	Total	\$74,517	\$22,681,033	\$21,872	\$0	\$163,136	\$22,940,558
2018	Drift gillnet	\$18,187	\$15,013,719	\$161,533	\$36,395	\$117,592	\$15,347,425
	Purse seine	\$43	\$22,261	\$29,525	\$822	\$277,338	\$329,989
	Set gillnet	\$21,581	\$794,854	\$47,122	\$138	\$6,579	\$870,273
	Total	\$39,811	\$15,830,834	\$238,179	\$37,355	\$401,509	\$16,547,687
2019	Drift gillnet	\$53,589	\$19,425,767	\$61,210	\$103,929	\$139,589	\$19,784,084
	Purse seine	\$6	\$25,500	\$8,276	\$316,203	\$482,014	\$831,999
	Set gillnet	\$22,304	\$674,620	\$19,539	\$476	\$8,630	\$725,569
	Total	\$75,900	\$20,125,888	\$89,025	\$420,607	\$630,233	\$21,341,652
2009- 2018 average	Drift gillnet	\$28,566	\$10,171,748	\$100,197	\$5,592	\$145,591	\$10,451,693
	Purse seine	\$83	\$192,262	\$5,770	\$1,349	\$229,236	\$428,700
	Set gillnet	\$9,262	\$663,237	\$67,657	\$43	\$7,863	\$748,061
	Total	\$37,911	\$11,027,247	\$173,623	\$6,984	\$382,690	\$11,628,455

Note: Exvessel values do not include processor bonuses, incentives, or postseason adjustments. Due to omissions from fish tickets, these values are estimated using average price per pound values for the entirety of Area M. Due to rounding, totals may differ slightly from other tables.

Appendix C2.—Average weights and approximate exvessel prices for salmon in the Alaska Peninsula, Aleutian Islands, and Atka-Amlia areas, 1988-2019.

Year	Average weight					Price per pound				
	Chinook	Sockeye	Coho	Pink	Chum	Chinook	Sockeye	Coho	Pink	Chum
1988	18.47	6.26	9.10	3.54	7.50	\$1.28	\$1.99	\$1.68	\$0.24	\$0.54
1989	18.13	5.85	7.69	4.08	6.67	\$1.31	\$1.40	\$0.80	\$0.31	\$0.37
1990	14.41	5.42	7.66	2.89	6.49	\$1.12	\$1.65	\$0.77	\$0.23	\$0.33
1991	10.85	5.52	7.77	3.22	6.62	\$0.67	\$0.90	\$0.60	\$0.12 ^a	\$0.23
1992	16.33	5.84	7.91	3.04	6.36	\$0.97 ^a	\$1.47 ^a	\$0.63 ^a	\$0.17 ^a	\$0.29 ^a
1993	18.00	5.81	8.42	3.00	6.28	\$0.88	\$0.82 ^a	\$0.49 ^a	\$0.14 ^a	\$0.28 ^a
1994	17.90	5.79	10.97	3.15	6.61	\$0.61 ^a	\$1.01 ^a	\$0.57 ^a	\$0.15 ^a	\$0.25 ^a
1995	12.32	6.11	7.06	4.43	6.51	\$0.74 ^a	\$1.10 ^a	\$0.42 ^a	\$0.14 ^a	\$0.22 ^a
1996	16.54	5.68	8.05	3.44	6.87	\$0.40 ^a	\$0.81 ^a	\$0.34 ^a	\$0.06 ^a	\$0.07 ^a
1997	14.22	5.02	8.34	3.64	7.68	\$0.43	\$1.03	\$0.53	\$0.12	\$0.15
1998	15.46	5.63	8.04	3.72	7.17	\$0.46	\$0.96	\$0.43	\$0.12	\$0.15
1999	12.94	5.08	6.51	2.93	6.92	\$0.51	\$1.02	\$0.33	\$0.17	\$0.10
2000	13.68	5.65	7.91	3.12	7.34	\$0.50	\$0.88	\$0.35	\$0.11	\$0.11
2001	16.52	5.95	9.14	3.12	7.41	\$0.26	\$0.51	\$0.15	\$0.10	\$0.11
2002	17.52	4.76	10.00	2.93	7.93	\$0.25	\$0.47	\$0.10	\$0.05	\$0.07
2003	12.49	5.89	8.55	3.20	6.83	\$0.30	\$0.52	\$0.19	\$0.06	\$0.10
2004	16.38	5.76	8.51	3.36	7.37	\$0.26	\$0.47	\$0.24	\$0.08	\$0.10
2005	13.91	5.94	8.53	3.45	7.33	\$0.45	\$0.60	\$0.29	\$0.08	\$0.13
2006	11.66	5.56	7.56	3.42	7.34	\$0.95	\$0.56	\$0.37	\$0.10	\$0.14
2007	9.31	5.74	8.26	3.66	7.18	\$0.56	\$0.65	\$0.38	\$0.13	\$0.15
2008	15.99	5.58	7.57	3.82	7.70	\$0.63	\$0.70	\$0.44	\$0.19	\$0.22
2009	15.75	5.94	7.75	3.00	6.97	\$0.77	\$0.70	\$0.38	\$0.20	\$0.21
2010	18.18	5.72	8.15	3.32	7.03	\$1.00	\$0.89	\$0.52	\$0.33	\$0.40
2011	18.02	5.67	7.20	4.67	7.14	\$1.20	\$0.91	\$0.57	\$0.46	\$0.48
2012	16.48	5.77	6.76	2.29	7.20	\$1.11	\$0.84	\$0.45	\$0.40	\$0.49
2013	12.49	5.56	8.45	2.93	7.66	\$1.00	\$1.19	\$0.45	\$0.35	\$0.33
2014	14.84	5.50	8.15	3.20	6.86	\$1.21	\$1.27	\$0.45	\$0.20	\$0.40
2015	15.34	5.63	8.19	3.00	6.36	\$1.16	\$0.60	\$0.35	\$0.17	\$0.25
2016	18.31	5.60	7.30	3.58	7.61	\$1.29	\$0.70	\$0.32	\$0.00	\$0.18
2017	16.39	5.84	6.43	3.40	7.00	\$1.48	\$1.00	\$0.32	\$0.00	\$0.27
2018	15.69	5.37	7.54	3.66	7.07	\$1.55	\$1.25	\$0.30	\$0.34	\$0.35
2019	11.28	5.46	6.55	3.32	6.34	\$1.29	\$1.56	\$0.32	\$0.26	\$0.41
2009-2018										
average	16.15	5.66	7.59	3.31	7.09	1.18	0.94	0.41	0.24	0.34

Note: Average prices do not include processor bonuses, incentives, or post season adjustments.

^a Due to information omitted from fish tickets, these prices are averages for all of Area M.

Appendix C3.—Estimated exvessel value of North Alaska Peninsula commercial salmon fishery by gear type, 2019.

	Exvessel value					
	Chinook	Sockeye	Coho	Pink	Chum	Total
PURSE SEINE						
Northern District						
Poundage	0	0	0	0	0	-
Average weight	-	-	-	-	-	
Exvessel value	\$0	\$0	\$0	\$0	\$0	\$0
Northwestern District						
Poundage	5	16,346	25,864	1,216,164	1,175,644	2,434,023
Average weight	5.0	5.4	7.5	2.7	6.7	
Exvessel value	\$6	\$25,500	\$8,276	\$316,203	\$482,014	\$831,999
North Peninsula Total						
Poundage	5	16,346	25,864	1,216,164	1,175,644	2,434,023
Average weight	5.0	5.4	7.5	2.7	6.7	
Exvessel value	\$6	\$25,500	\$8,276	\$316,203	\$482,014	\$831,999
DRIFT GILLNET						
Northern District						
Poundage	41,518	12,439,734	184,578	375,352	280,658	13,321,840
Average weight	15.6	5.3	6.2	3.2	6.0	
Exvessel value	\$53,558	\$19,405,985	\$59,065	\$97,592	\$115,070	\$19,731,270
Northwestern District						
Poundage	24	12,681	6,703	24,373	59,803	103,584
Average weight	12.0	5.3	5.8	3.1	6.1	
Exvessel value	\$31	\$19,782	\$2,145	\$6,337	\$24,519	\$52,814
North Peninsula Total						
Poundage	41,542	12,452,415	191,281	399,725	340,461	13,425,424
Average weight	15.6	5.3	6.2	3.2	6.0	
Exvessel value	\$53,589	\$19,425,767	\$61,210	\$103,929	\$139,589	\$19,784,084

-continued-

	Exvessel value					
	Chinook	Sockeye	Coho	Pink	Chum	Total
SET GILLNET						
Northern District						
Poundage	17,290	430,917	60,265	1,019	10,887	520,378
Average weight	12.5	5.8	7.1	3.7	6.1	
Exvessel value	\$22,304	\$672,231	\$19,285	\$265	\$4,464	\$718,548
Northwestern District						
Poundage	0	1,532	793	813	10,161	13,299
Average weight	0.0	5.4	6.0	3.7	7.0	
Exvessel value	\$0	\$2,390	\$254	\$211	\$4,166	\$7,021
North Peninsula Total						
Poundage	17,290	432,449	61,058	1,832	21,048	533,677
Average weight	12.5	5.8	7.1	3.7	6.5	
Exvessel value	\$22,304	\$674,620	\$19,539	\$476	\$8,630	\$725,569
ALL GEAR TYPES						
Northern District						
Poundage	58,808	12,870,651	244,843	376,371	291,545	13,842,218
Average weight	14.6	5.3	6.4	3.2	6.0	
Exvessel value	\$75,862	\$20,078,216	\$78,350	\$97,856	\$119,533	\$20,449,818
Northwestern District						
Poundage	29	30,559	33,360	1,241,350	1,245,608	2,550,906
Average weight	9.7	5.4	7.0	2.7	6.7	
Exvessel value	\$37	\$47,672	\$10,675	\$322,751	\$510,699	\$891,835
North Peninsula Total						
Poundage	58,837	12,901,210	278,203	1,617,721	1,537,153	16,393,124
Average weight	14.6	5.4	7.0	2.7	6.7	
Exvessel value	\$75,900	\$20,125,888	\$89,025	\$420,607	\$630,233	\$21,341,652

Note: Due to confidentiality requirements, poundage reported in this table may differ from other tables in this document. Due to rounding, totals may differ slightly from other tables.