

# **Fishery Management Report No. 21-35**

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## **North Alaska Peninsula Commercial Salmon Annual Management Report, 2020**

by

**Reid H. Johnson**

**Charles W. Russell**

and

**Robert L. Murphy**

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December 2021

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Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



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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 <sub>A</sub>
gram	g	all commonly accepted professional titles	e.g., Dr., Ph.D., R.N., etc.	base of natural logarithm	e
hectare	ha			catch per unit effort	CPUE
kilogram	kg			coefficient of variation	CV
kilometer	km	at	@	common test statistics	(F, t, $\chi^2$ , 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
<b>Weights and measures (English)</b>		south	S	covariance	cov
cubic feet per second	ft <sup>3</sup> /s	west	W	degree (angular)	°
foot	ft	copyright	©	degrees of freedom	df
gallon	gal	corporate suffixes:		expected value	E
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
<b>Time and temperature</b>		exempli gratia		logarithm (specify base)	log <sub>2</sub> , 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 <sub>0</sub>
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
<b>Physics and chemistry</b>		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 (adjective)	U.S.	second (angular)	"
ampere	A	United States of America (noun)	USA	standard deviation	SD
calorie	cal	U.S.C.	United States Code	standard error	SE
direct current	DC	U.S. state	use two-letter abbreviations (e.g., AK, WA)	variance	
hertz	Hz			population sample	Var var
horsepower	hp				
hydrogen ion activity (negative log of)	pH				
parts per million	ppm				
parts per thousand	ppt, ‰				
volts	V				
watts	W				

***FISHERY MANAGEMENT REPORT NO. 21-35***

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MANAGEMENT REPORT, 2020**

by

Reid H. Johnson, Charles W. Russell, 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

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

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# ABSTRACT

This report is a summary of the 2020 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 2020 commercial salmon harvest on the North Alaska Peninsula was 1,223 Chinook *O. tshawytscha*, 1,780,175 sockeye, 48,176 coho *O. kisutch*, 30,481 pink *O. gorbuscha*, and 56,152 chum *O. keta* salmon. The North Peninsula Chinook Salmon harvest was below the 10-year average (2010–2019) of 2,090 fish. The sockeye salmon harvest in the Northern District of 1,763,545 fish was below the 10-year average harvest of 2,146,231 fish. The North Alaska Peninsula chum salmon harvest of 56,152 fish was below the 10-year average of 184,696 chum salmon, with nearly all (43,128 fish) of the harvest occurring in the Izembek–Moffet Bay Section of the Northwestern District. The total exvessel value of all North Peninsula fisheries is estimated to be \$9.0 million. The exvessel value was well below the recent 10-year average of \$12.7 million. The majority of the North Peninsula fisheries' value is composed of sockeye salmon harvested in the Northern District (\$8.6 million).

Total sockeye salmon escapement for North Alaska Peninsula streams was 1,079,928 fish, below the 10-year average of 1,234,481 fish. Approximately 73% 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).

**Keywords:** 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 fishery operators, buyers, and other interested parties a context with which to compare the 2020 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 2019 subsistence and personal use harvests are instead reported for the entirety of Area M in the 2020 South Alaska Peninsula Salmon Annual Management Report (Fox et al. 2021). Subsistence harvest reports lag 1 year behind commercial harvest reports because subsistence permits are often not returned by users until well into winter. The salmon harvest estimates reported in this document were summarized from the fish ticket database on December 21, 2020. Unless otherwise noted, catch reporting in this report does not include personal use, subsistence, or test fishery 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 Menshikof 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 Menshikof (Figure 1). The Nelson Lagoon to Outer Port Heiden Section, 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). Smaller directed commercial salmon fisheries occur in additional areas of the North Alaska Peninsula.

## Alaska Peninsula and Bristol Bay Salmon Overlap Area

The Alaska Peninsula Area (Area M) and Bristol Bay Area (Area T) overlap; the overlap area consists of the Cinder River Section, Inner Port Heiden Section, and Ilnik Lagoon Section (Figure 3; 5 AAC 39.120(d))<sup>1</sup>. 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 in the Inner Port Heiden Section for Chinook *O. tshawytscha* and coho *O. kisutch* salmon, 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, these permit holders were permitted 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 allowed Area T permit holders to fish in the Inner Port Heiden Section and the inner portion of the Cinder River Section during the entire commercial fishing season. Area T permit holders can also fish in the Ilnik Lagoon Section during August and September. In 1986, Area T permit holders 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 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 the most widely used gear. In the Northwestern District, use of purse seine gear equals or exceeds use of 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 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.

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<sup>1</sup> 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.

## **INSEASON MANAGEMENT**

Although 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 2020). 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 without weirs.

## **ESCAPEMENT GOALS**

Weir counts and aerial surveys are used to estimate escapement<sup>2</sup>. For river systems with established escapement goals, there are 2 types of goals used to characterize runs. 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 were 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) 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 (5 AAC 39.222), an 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 in that section.

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

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<sup>2</sup> 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.

## **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 2020 North Alaska Peninsula commercial Chinook salmon harvest of 1,223 fish was under the 10-year average of 2,090 fish (Table 1). In 2020, the Chinook salmon harvest of 699 fish in the Nelson Lagoon Section was comparable to the 10-year average of 777 fish (Tables 2 and 3). The Bear River Section harvest of 43 Chinook salmon occurred incidentally to the sockeye salmon fisheries and was below the 10-year average of 348 fish (Table 3). The Three Hills and Ilnik Sections combined harvest of 76 Chinook salmon was well below the 10-year average of 570 fish (Table 3). The Outer Port Heiden Section had a harvest of 321 Chinook salmon (Table 2), which was comparable to the 10-year average of 339 fish (Table 3). There was no commercial fishing effort in the Inner Port Heiden Section in 2020 (Table 3).

### **SOCKEYE SALMON**

The 2020 North Alaska Peninsula sockeye salmon harvest of 1,780,175 fish (Table 1) was below the 10-year average harvest of 2,146,231 fish as well as the 20-year average harvest of 2,161,777 fish (Figure 4). The 2020 harvest was below the preseason projected harvest of 2,400,000 sockeye salmon (Table 1; Murphy and Johnson 2020). The 2020 peak weekly harvest of sockeye salmon on the North Alaska Peninsula occurred from July 5 to July 11 when 160 permit holders caught 585,791 sockeye salmon (Table 2).

Most of the 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 sockeye salmon harvest in 2020 was 92,040 fish, which was below the 10-year average harvest of 192,482 fish (Table 4). The Nelson Lagoon harvest accounted for approximately 5% of the total North Alaska Peninsula sockeye salmon harvest. The combined Port Moller Bight, Bear River, Three Hills, and Ilnik Sections total harvest was 872,831 (49% of total harvest) sockeye salmon (Table 5), and the Outer Port Heiden Section had a harvest of 787,771 (44% of total harvest) fish (Table 4). The combined Port Moller Bight, Bear River, Three Hills, Ilnik, and Outer Port Heiden Sections accounted for approximately 93% (1,660,602 fish; Table 2) of the North Alaska Peninsula sockeye salmon harvest. The Ilnik Section had 27% (473,393 fish) of the total harvest, the Bear River Section had approximately 11% (191,460 fish), and the Three Hills Section also had 11% (201,935 fish; Table 4). The percentage of fish caught in the Outer Port Heiden Section during 2020 was well above the historical 10-year average of 27%, whereas the percentage of fish caught in the Ilnik Section was well below the historical 10-year average of 40% (Figure 5).

### **COHO SALMON**

The 2020 North Alaska Peninsula coho salmon harvest of 48,176 fish was below the 10-year average harvest of 53,510 fish (Table 1). Approximately 39% (18,838 fish) of the coho salmon harvest came from the Nelson Lagoon Section, and 39% of the harvest (18,606 fish) came from the Ilnik Section (Table 6). The Nelson Lagoon Section typically has the largest coho salmon harvest, followed by the Ilnik section, a trend observed in the 2020 season.

## **PINK SALMON**

The 2020 North Alaska Peninsula pink salmon *Oncorhynchus gorbuscha* harvest of 30,481 fish was above the 2010–2018 even-year average harvest of 12,992 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; however, in 2020, only 5,051 pink salmon were harvested in the Northwestern District (Table 7). All the pink salmon harvested on the North Alaska Peninsula during 2020 were incidental to other fisheries.

## **CHUM SALMON**

The 2020 North Alaska Peninsula chum salmon *Oncorhynchus keta* harvest of 56,125 fish was well below the 10-year average harvest of 184,696 fish (Table 1). In the Northern District, the harvest of 10,262 fish was below the 10-year average of 53,494 fish (Table 8). The majority of the chum salmon harvest in the Northern District occurred in the Three Hills and Ilnik Sections (4,944 fish; Table 8). The Northwestern District chum salmon harvest of 43,128 fish was below the 10-year average of 131,201 fish (Table 9). All Northwestern District chum salmon harvested during the 2020 season were harvested in the Izembek–Moffet Bay Section, and the harvest was below the 10-year average harvest of 113,648 fish (Table 9).

## **ESCAPEMENT BY SPECIES**

### **CHINOOK SALMON**

The 2020 North Alaska Peninsula estimated total Chinook salmon escapement of 10,775 fish was comparable to the 10-year average of 11,502 fish (Table 1). The only river system on the North Alaska Peninsula that has a Chinook salmon escapement goal is the Nelson River, with a BEG range of 2,400–5,000 fish (Schaberg et al. 2019). During the 2020 season, a total of 2,498 Chinook salmon escaped into Nelson River (Tables 3 and 10). The combined King Salmon, Bear, and Sandy Rivers (Bear River Section) estimated Chinook salmon escapement was 1,162 fish, which was below 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. In 2020, 15 Chinook salmon passed the Ilnik River weir (Table 13). The Chinook salmon escapement of 2,055 fish into the Inner Port Heiden Section (the Meshik River and its tributaries) was comparable to the 10-year average of 2,088 fish (Table 3; Appendix A1). In the Cinder River Section, 3,725 Chinook salmon were documented, which exceeded the 10-year average of 2,537 fish (Table 3; Appendix A1).

### **SOCKEYE SALMON**

The 2020 North Alaska Peninsula estimated total sockeye salmon escapement of 1,079,928 fish, which included weir and aerial survey counts, was below the 10-year average estimated escapement of 1,234,481 fish (Table 1; Figure 6). The combined North Alaska Peninsula escapement goal range is 577,400–1,079,800 sockeye salmon 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, historical escapements, and goal ranges are detailed in Table 14. In 2020, 2 systems did not meet their escapement goals: Christianson Lagoon (22,800 sockeye) and Swanson Lagoon (200 sockeye), both located in the Northwestern District (Appendix A1). Bear River exceeded its escapement goal with a total of 500,000 sockeye salmon. All other systems met their escapement goals.

### **Nelson River**

In 2020, 221,000 sockeye salmon escaped into streams in the Nelson Lagoon Section (Table 4), of which 185,000 fish returned to Nelson River, along with 8,000 returning to David's River, and 28,000 returning to Caribou River (Appendix A1). The Nelson River weir escapement of 185,000 fish met the escapement goal of 97,000–219,000 but was below the 10-year average of 207,230 fish (Tables 14 and 15; Schaberg et al. 2019). The peak daily escapement (12,856 fish) at the Nelson River weir occurred on July 11 (Table 15).

Nelson River is the only North Alaska Peninsula river system with 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 sockeye salmon passing the weir is determined through periodic sampling. This proportion is then extrapolated to account for the entire day's escapement. An estimated 66,104 female sockeye salmon (36% of the total escapement) passed the weir in 2020, meeting the escapement objective of 50,000–110,000 female fish (Murphy and Johnson 2020).

### **Bear River**

Bear River has early and late sockeye salmon escapement goals because the river has two temporally distinct runs. In 2020, the Bear River early run (before August 1) exceeded the escapement goal of 176,000–293,000 fish with an escapement of 299,198 sockeye salmon, whereas the late run (after July 31) exceeded the escapement goal of 117,000–195,000 fish with an escapement of 208,802 sockeye salmon (Tables 16 and 17; Schaberg et al. 2019). The largest daily escapement at the weir in 2020 occurred on July 7 when 44,042 sockeye salmon were counted (Table 17).

### **Sandy River**

The total 2020 Sandy River sockeye salmon escapement of 60,000 fish was within the escapement goal range of 34,000–74,000 fish but was below the 10-year average escapement of 73,960 fish (Tables 14 and 18; Schaberg et al. 2019). The largest daily escapement at the Sandy River weir occurred on July 11 when 5,962 sockeye salmon were counted (Table 18).

### **Ilnik River**

In 2020, a total of 41,000 sockeye salmon passed the Ilnik River weir (Table 19, Appendix A1). The total Ilnik River escapement met the escapement goal of 40,000–60,000 fish and was below the 10-year average of 81,700 fish (Table 14; Schaberg et al. 2019). The largest daily escapement at the Ilnik River weir occurred on July 8 when 3,310 sockeye salmon passed the weir (Table 19).

## **Port Heiden**

The majority of escapement in Port Heiden is composed of fish spawning in Meshik River. Escapement into Meshik River and its tributaries are determined by aerial surveys. A total of 64,550 sockeye salmon were documented in the Meshik River (including Red Bluff Creek) meeting the escapement goal of 48,000–86,000 fish (Appendix A1 and A2; Schaberg et al. 2019). This escapement was well below the 10-year average of 106,944 fish (Table 14).

## **COHO SALMON**

Due to time and logistical constraints, coho salmon surveys are conducted before the peak of coho salmon runs. Actual escapement into streams on the North Peninsula is probably much greater than what was observed by aerial survey. Nelson and Ilnik 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 coho salmon (determined by aerial survey) exceeded the goal of 18,000 fish (Appendix A1; Schaberg et al. 2019). A total of 45,000 coho salmon were observed in Ilnik River (Appendix A1). The peak escapement estimate of 45,000 coho salmon 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 Meshik River (33,000 coho salmon), Cinder River (42,000 coho salmon), and King Salmon River (4,200 coho salmon; Appendix A1).

Approximately 164,400 coho salmon were documented by aerial surveys in 16 North Alaska Peninsula streams during 2020 (Appendices A1 and A2).

## **PINK SALMON**

Pink salmon escapements are typically larger on even-numbered years than odd-numbered years on the Alaska Peninsula. The 2020 North Alaska Peninsula estimated total pink salmon escapement of 118,152 fish was above the 10-year even-year average of 58,069 fish (Table 1; Appendix A1). The majority of the pink salmon escapement occurred in the Northern District (71,452 fish; Appendix A1), accounting for 60% of the total escapement for the North Peninsula.

## **CHUM SALMON**

The North Alaska Peninsula has 2 aggregated chum salmon escapement goals, for the Northern District and for the Northwestern District. In 2020, the Northern District chum salmon escapement of 158,815 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 2020, Herendeen and Moller Bays accounted for about 58% of the total Northern District chum salmon escapement (68,350 fish; Table 8). The remaining chum salmon escapement in the Northern District is shown in Table 8. The Northwestern District chum salmon escapement of 62,100 fish was short of the goal of 100,000–215,000 fish and was below the previous 10-year average of 123,804 fish (Table 9; Schaberg et al. 2019). The aggregate North Alaska Peninsula estimated chum salmon escapement of 180,915 fish was below the 10-year average of 297,561 fish (Table 1).

## **COMMERCIAL SALMON FISHERY SUMMARY**

Most of the commercial fishing effort on the North Alaska Peninsula targets sockeye salmon in the Northern District. The total Northern District sockeye salmon harvest was 1,763,545 sockeye salmon, which was more than 99% of the North Alaska Peninsula sockeye salmon harvest of

1,780,175 sockeye salmon (Tables 1 and 4). Sockeye salmon harvested in the Northwestern District is usually incidental to targeted pink and chum salmon fisheries. Fisheries targeting chum salmon in the Northwestern District harvested a total of 43,128 chum salmon (Table 9). A complete listing of all commercial salmon harvested by day on the North Peninsula can be found in Table 20.

## **NORTHWESTERN DISTRICT**

During the 2020 Northwestern District commercial salmon fishery, a total of 4 Chinook, 16,630 sockeye, 731 coho, 5,051 pink, and 43,128 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. Fishing effort in the Northwestern District typically targets chum salmon in the Izembek-Moffet Bay Section. The 2020 sockeye salmon harvest in the Northwestern District of 16,630 fish was below the 10-year average harvest of 36,683 fish (Table 22). The chum salmon harvest of 43,128 fish in 2020 was below the 10-year average harvest of 131,201 fish (Table 9). The pink salmon harvest of 5,051 fish was above the even-year average (2010-2018) of 2,646 fish (Table 7). Traditionally, chum salmon are the most harvested species in the Northwestern District, followed by sockeye, a trend which continued this year. In 2020, all fishing effort in the Northwestern District occurred in the Izembek-Moffet Bay Section.

## **NORTHERN DISTRICT**

### **Black Hills Section**

The Black Hills Section may open to commercial salmon fishing starting May 1 (5 AAC 09.310 (a)(10)). Typically, harvest effort in the Black Hills Section targets sockeye salmon and only occurs when other fishing areas are closed. In 2020, 27 permit holders harvested 10,687 sockeye salmon in the Black Hills Section (Table 2). Regularly scheduled weekly fishing periods occurred throughout the season, but most periods had minimal fishing effort. Most of the harvest in the Black Hills Section occurred between July 29 and August 8 when many other sections were closed. The sockeye salmon harvest was below the 10-year average of 25,212 fish (Table 4). Confidentiality rules prohibit reporting 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 2020 commercial salmon fishing season, the Nelson Lagoon Section was open during regularly scheduled weekly fishing periods throughout the season, with extensions occurring weekly starting mid-July (Tables 23 and 24). The total Nelson River system sockeye salmon run, consisting of the Nelson Lagoon Section harvest and escapements of all Nelson River tributaries, was 313,040 (Table 4). A total of 28 permit holders harvested 92,040 sockeye salmon (Table 24), which was below the 10-year average harvest of 192,482 fish (Table 4; Figure 7). The salmon harvest in the Nelson Lagoon Section was from June 8 to September 13. The peak daily catch occurred on July 10 when 20 permit holders harvested 8,597 sockeye salmon (Table 24). The largest weekly harvest in Nelson Lagoon occurred between July 5 and July 11 when 36,738 sockeye salmon were harvested (Table 2; Figure 8).



After August 15, the Nelson Lagoon Section is managed based on coho salmon run strength at the Nelson River. A total of 18,838 coho salmon were harvested in the Nelson Lagoon Section during 2020, which was below the recent 10-year average of 28,393 fish (Table 6).

### **Bear River and Three Hills Sections**

By regulation, the Bear River Section may open to commercial salmon fishing on May 1, whereas 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 2020).

In 2020, the Bear River early run was approximately 1 week late, which was comparable to the last 2 years. 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 run was also 1 week late, and interim escapement objectives were not met until July 5. Management actions were taken throughout the season to ensure the season ending escapement goal at Sandy River of 34,000–74,000 sockeye salmon was ultimately met with a total of 60,000 sockeye salmon past the weir. Commercial fishing was closed by emergency order in the Bear River Section starting June 15. The Three Hills Section was also closed to commercial salmon fishing starting June 25. Minimal fishing effort occurred in the Bear River Section prior to the closure. On July 5, the weekly interim escapement objective was met for the first time in 2020 at Bear River. On July 8, it became apparent that the run was developing, and commercial fishing was allowed in the Bear River and Three Hills Sections with waters closed to commercial salmon fishing south of the Sandy River. The eastern portion of the Three Hills Section was also closed to commercial salmon fishing to protect fish milling in the vicinity of Ocean River. On July 9, the southern portion of the Bear River Section was opened to commercial salmon fishing. Commercial fishing occurred from July 8 through July 29 in both the Bear River and Three Hills Sections. These sections closed July 29 in order to allow the Bear River late-run to develop, which begins August 1 (Table 25). During the 2020 season, an abnormally large proportion of jack sockeye salmon migrated past the weir at the start of August. These jack sockeye salmon were not counted toward the late-run escapement goal to ensure escapement quality.

Traditionally, a test fishery is conducted in early August to assess the building late run. In 2020 a test fishery occurred on August 4 (Table 26, Appendix B1). The results of this test fishery did not indicate that there was a harvestable surplus, harvesting only 1,738 fish over the course of the day (Table 26). On August 9, daily escapements for the late run at Bear River started to climb, and by August 12, a total 67,041 adult sockeye salmon had passed the weir for the late run. The commercial fishery in the Bear River, Three Hills, and Ilnik Sections opened on August 13, with that area of the beach between the King Salmon River and the Sandy River Bluffs closed to protect the developing late run (Table 23). On August 14, closed waters in the Bear River Section reverted to those described in regulation.

Harvest in the Bear River Section occurred from June 10 to September 12. A total of 81 permit holders harvested 191,460 sockeye salmon, which was below the 10-year average harvest of 278,444 fish (Tables 4 and 25). The largest weekly harvest in the Bear River Section of 43,513 sockeye salmon occurred between July 5 and July 11 (Table 2; Figure 9), with the largest daily harvest of 19,478 fish on July 11 (Table 25). The total late-run harvest of 167,932 sockeye salmon (which includes harvests made in the Port Moller Bight, Three Hills, and Ilnik Sections after August 1) was below the most recent 10-year average of 218,779 fish, whereas the late-run

escapement (200,802 fish) was comparable to the most recent 10-year average of 181,517 fish (Table 16).

Harvest in the Three Hills Section occurred from July 8 until September 9. A total of 201,935 sockeye salmon were harvested by 104 permit holders (Tables 4 and 27). The 2020 sockeye salmon harvest was above the most recent 10-year average of 128,962 fish (Table 4).

### **Ilnik Section**

The Ilnik Section may open to commercial salmon fishing on June 20, depending on escapement 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 from June 20 to July 20. Between July 21 and August 15, the Ilnik Section harvest is based on the abundance of Bear River sockeye salmon stocks (Murphy and Johnson 2020).

In 2020, like recent years, the eastern portion of the Ilnik Section was closed to protect fish milling near Ocean River. Ocean River often alters its course, and recently Ocean River has been flowing along the beach for several miles before emptying into Ilnik River. Consequently, salmon attempting to return to their natal stream mill as they try to locate the entrance to Ocean River. Harvest of these milling fish can impact escapement and result in poor quality product (because the fish have started to color).

In 2020, 119 permit holders harvested 473,393 sockeye salmon in the Ilnik Section (Table 28). The majority of the harvest (340,003 sockeye salmon) occurred in the Northeast portion of the Ilnik Section (Table 21; Figure 2). The peak daily catch was on July 18 when 40,588 sockeye salmon were harvested (Table 28). The largest weekly harvest occurred between July 19 and July 25 when 144,302 sockeye salmon were harvested (Table 2).

After August 15, by regulation, the Ilnik Section is managed based on coho salmon runs into Ilnik Lagoon. In 2020, a total of 18,606 coho salmon were harvested in the Ilnik Section (Table 6).

### **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 2020).

The weekly fishing period in the Outer Port Heiden Section allows 2½ days of fishing per week. Commercial salmon fishing opened in the Outer Port Heiden Section on June 26 for the first fishing period. Until July 29, when the Outer Port Heiden Section closed for the season, 2½ days of fishing time were allotted per week (Table 23). A total of 114 permit holders harvested 787,771 sockeye salmon from the Outer Port Heiden Section (Table 29). The peak daily catch was on July 9 when 93 permit holders harvested 215,013 sockeye salmon (Table 29). The largest weekly harvest of 362,157 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 2020 was comparable to the previous 10 years (Figure 10), whereas the sockeye salmon harvest was above the 10-year average of 499,117 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 either section in 2020. Commercial fishing effort has not significantly or consistently occurred in either section 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 2020 North Alaska Peninsula commercial salmon fisheries.

The total exvessel value of the 2020 North Alaska Peninsula fisheries is estimated to be \$8.9 million. The exvessel value is below the recent 10-year average of \$12.7 million (Appendix C1). In 2020, sockeye salmon sold for an average price of \$0.91 per pound, and Chinook salmon sold for \$1.29 per pound, comparable to the most recent 10-year averages of \$1.02 and \$1.23 respectively (Appendix C2). The price per pound of coho salmon (\$0.37) was less comparable to 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 2020. Chum salmon were bought by processors for an average of \$0.25 per pound, which was below the most recent 10-year average of \$0.36 (Appendix C2).

Sockeye salmon made up most of the value of the fishery, totaling \$8.6 million (Appendix C3). Chum and coho salmon were the next most valuable species, at \$100,644 and \$119,814 respectively (Appendix C1).

The majority of exvessel value in North Alaska Peninsula fisheries was from the Northern District by the drift gillnet fishery which accounted for \$8.3 million in total value, whereas the set gillnet fishery accounted for \$458,867. Within the Northwestern District the purse seine fishery accounted for \$126,976 worth of harvest (Appendix C3).

## **EMERGENCY ORDERS**

In 2020, a total of 32 emergency orders were issued concerning North Alaska Peninsula salmon fisheries (Table 23). The first emergency order for the North Alaska Peninsula was issued on June 14 and the last on September 2. 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.



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## **TABLES AND FIGURES**

Table 1.—North Alaska Peninsula salmon runs by species, 1962–2020.

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 <sup>a</sup>	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 <sup>a</sup>	6,200	351,000		4,400 <sup>b</sup>	203,200	
	Total	9,800	576,200		11,300 <sup>b</sup>	253,100	
1964	Catch	3,600	250,800	36,600	6,800	139,000	436,800
	Escapement <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	3,000	332,800		23,000	105,100	
	Total	5,710	579,009		33,599	139,517	

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Table 1.—Page 2 of 5.

		Number of salmon					
Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1975	Catch	2,093	233,293	28,349	295	8,770	272,800
	Escapement <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	10,700	556,000		100	510,900	
	Total	24,886	1,765,435		3,586	879,596	

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Table 1.—Page 3 of 5.

		Number of salmon					
Year		Chinook	Sockeye	Coho	Pink	Chum	Total
1988	Catch	16,721	1,528,107	233,966	65,242	393,075	2,237,111
	Escapement <sup>a</sup>	11,700	614,900	200–300 <sup>b,c</sup>	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 <sup>a</sup>	5,600	814,400	150–250 <sup>b,c</sup>	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 <sup>a</sup>	7,100	1,032,200	140–175 <sup>b,c</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	10,900	898,875		25,000	666,300	
	Total	15,786	2,682,679		29,367	716,420	

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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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	18,900	829,190	289,333 <sup>d</sup>	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 <sup>a</sup>	11,078	1,271,011	337,800 <sup>d</sup>	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 <sup>a</sup>	30,874	1,433,777	520,400 <sup>d</sup>	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 <sup>a</sup>	30,617	1,547,788	138,169 <sup>d</sup>	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 <sup>a</sup>	32,173	1,197,546	229,440 <sup>d</sup>	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 <sup>a</sup>	20,685	1,068,952	74,050 <sup>d,e</sup>	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 <sup>a</sup>	36,072	1,018,670	178,925 <sup>d</sup>	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 <sup>a</sup>	12,807	934,400	206,695 <sup>d</sup>	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 <sup>a</sup>	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 <sup>a</sup>	15,254	795,105	108,150	16,778	248,352	
	Total	17,622	1,718,299	127,590	125,608	542,134	

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Table 1.—Page 5 of 5.

		Number of salmon					
Year		Chinook	Sockeye	Coho	Pink	Chum	Total
2012	Catch	1,053	764,388	37,399	1,173	283,035	1,087,048
	Escapement <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	21,327	1,095,225	168,800	285,278	345,097	
	Total	25,201	3,496,006	211,248	863,316	576,241	
2020	Catch	1,223	1,780,175	48,176	30,481	56,125	1,916,180
	Escapement <sup>a</sup>	10,755	1,079,928	164,100	118,152	180,915	
	Total	11,978	2,860,103	212,276	148,633	237,040	
2020	Projected catch	2,800	2,400,000	65,000	50,000	150,000	2,667,800
2010–2019 average							
	Catch	2,090	2,146,231	53,510	12,992 <sup>f</sup>	184,696	2,426,739
	Escapement <sup>a</sup>	11,502	1,234,481	190,832	61,196 <sup>f</sup>	297,561	
	Total	13,588	3,380,712	242,818	74,187 <sup>f</sup>	482,256	

Note: Catch numbers do not include test-fishery harvest or fish retained for personal use. Survey data prior to 2002 are incomplete.

<sup>a</sup> Escapements are estimated totals.

<sup>b</sup> These figures are very rough extrapolated estimates.

<sup>c</sup> Number of fish in thousands.

<sup>d</sup> Escapement estimates are a minimum count.

<sup>e</sup> No surveys were conducted in the Northern District.

<sup>f</sup> Averages for pink salmon include only the even-numbered years 2010, 2012, 2014, 2016, and 2018.

Table 2.—North Alaska Peninsula salmon harvest by species, week, and section, all gear combined, 2020.

Catch dates	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum	
			Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Dublin Bay Section <sup>a</sup>												
Total	0	—	—	—	—	—	—	—	—	—	—	—
Urilia Bay Section <sup>a</sup>												
Total	0	—	—	—	—	—	—	—	—	—	—	—
Swanson Lagoon Section <sup>a</sup>												
Total	0	—	—	—	—	—	—	—	—	—	—	—
Bechevin Bay Section <sup>a</sup>												
Total	0	—	—	—	—	—	—	—	—	—	—	—
Izembek-Moffet Bay Section												
28-Jun to 18-Jul <sup>b</sup>	3	3	0	0	630	3,228	0	0	0	0	171	1,032
05-Jul to 11-Jul	4	6	1	6	2,237	11,454	2	13	1	4	5,172	37,805
12-Jul to 18-Jul	5	7	0	0	3,840	23,197	0	0	16	48	10,883	80,659
19-Jul to 25-Jul	5	8	0	0	3,506	18,869	98	566	334	1,025	12,104	86,059
26-Jul to 01-Aug	5	8	3	14	1,385	8,429	24	160	394	1,429	5,298	42,655
02-Aug to 08-Aug	11	12	0	0	3,034	18,758	259	1,346	2,736	9,063	3,158	24,525
09-Aug to 15-Aug <sup>c</sup>	6	9	0	0	1,547	8,629	312	1,635	1,534	5,396	6,245	49,846
Total <sup>d</sup>	18	55	4	20	16,630	95,238	731	3,945	5,051	17,179	43,128	323,236

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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 <sup>c</sup>												
Total												
Black Hills Section												
26-Jul to 01-Aug <sup>b</sup>	4	4	0	0	204	1,019	0	0	42	125	0	0
02-Aug to 08-Aug <sup>c</sup>	24	43	0	0	10,135	55,008	759	4,114	5,760	17,812	1,245	7,527
Total <sup>d</sup>	27	52	0	0	10,687	58,073	859	4,707	6,026	18,721	1,334	8,104
Nelson Lagoon Section												
07-Jun to 13-Jun <sup>b</sup>	5	7	54	694	461	2,629	0	0	0	0	0	0
14-Jun to 20-Jun	11	34	46	740	2,612	14,245	0	0	0	0	0	0
21-Jun to 27-Jun	13	47	118	2,424	6,237	31,597	0	0	0	0	0	0
28-Jun to 04-Jul	16	49	124	2,709	9,538	53,882	0	0	0	0	0	0
05-Jul to 11-Jul	20	116	303	5,954	36,738	195,585	0	0	0	0	0	0
12-Jul to 18-Jul	18	100	51	1,195	12,577	66,720	0	0	0	0	0	0
19-Jul to 25-Jul	15	81	3	82	13,565	74,238	0	0	0	0	0	0
26-Jul to 01-Aug	16	42	0	0	4,404	22,334	0	0	0	0	0	0
02-Aug to 08-Aug	11	24	0	0	2,110	10,822	4	20	0	0	34	221
09-Aug to 15-Aug	10	37	0	0	2,919	15,094	484	3,339	0	0	0	0
16-Aug to 22-Aug	10	31	0	0	783	4,092	797	6,203	0	0	0	0
23-Aug to 29-Aug	10	32	0	0	50	304	1,805	14,420	0	0	0	0
30-Aug to 05-Sep	10	42	0	0	28	165	3,390	27,002	0	0	0	0
06-Sep to 12-Sep <sup>c</sup>	9	45	0	0	17	102	12,095	96,969	0	0	0	0
Total <sup>d</sup>	24	689	699	13,798	92,040	491,815	18,838	150,205	0	0	34	221

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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 <sup>g</sup>												
07-Jun to 12-Sep	6	53	80	1,135	6,259	33,811	39	208	164	520	2,752	17,069
Total	6	53	80	1,135	6,259	33,811	39	208	164	520	2,752	17,069
Bear River Section												
05-Jul to 11-Jul <sup>b</sup>	22	61	17	352	43,513	236,670	0	0	0	0	244	1,419
12-Jul to 18-Jul	30	102	12	193	34,009	197,692	1	4	70	218	278	1,700
19-Jul to 25-Jul	23	75	1	19	32,682	184,337	7	41	122	392	312	1,933
26-Jul to 01-Aug	16	31	0	0	11,410	69,695	19	126	81	305	164	1,141
02-Aug to 08-Aug <sup>f</sup>	0	0	0	0	0	0	0	0	0	0	0	0
09-Aug to 15-Aug	42	59	0	0	6,737	35,596	273	1,513	331	1,202	119	806
16-Aug to 22-Aug	23	47	2	18	9,045	51,061	322	2,091	462	1,607	205	1,217
23-Aug to 29-Aug	20	56	0	0	29,625	155,607	1,858	11,411	1,251	3,870	90	543
30-Aug to 05-Sep	16	40	1	5	20,115	105,611	1,716	10,246	349	1,192	90	523
06-Sep to 12-Sep <sup>c</sup>	7	13	1	14	2,586	13,820	557	3,326	30	119	12	72
Total <sup>d</sup>	81	486	43	754	191,460	1,059,649	4,762	28,817	2,728	9,009	1,551	9,585
Three Hills Section												
05-Jul to 11-Jul	43	82	11	213	64,610	344,036	0	0	13	39	422	2,489
12-Jul to 18-Jul	38	105	20	332	49,528	262,487	13	74	94	327	369	2,101
19-Jul to 25-Jul	44	79	4	79	48,438	251,759	203	1,088	417	1,301	761	4,445
26-Jul to 01-Aug	26	35	4	37	14,623	73,584	186	1,083	97	290	129	733
02-Aug to 08-Aug <sup>f</sup>	—	—	—	—	—	—	—	—	—	—	—	—
09-Aug to 15-Aug	38	49	0	0	8,042	42,276	383	2,374	316	1,103	157	951
16-Aug to 22-Aug	24	59	0	0	10,010	52,964	938	5,535	2,302	7,305	60	375
23-Aug to 29-Aug	6	6	0	0	708	3,910	139	858	46	150	3	18
30-Aug to 05-Sep	12	12	0	0	4,404	23,511	1,685	10,215	106	349	41	245
06-Sep to 12-Sep	3	3	0	0	1,572	8,426	365	2,188	23	81	1	5
Total	104	430	39	661	201,935	1,062,953	3,912	23,415	3,414	10,945	1,943	11,362

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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												
05-Jul to 11-Jul	104	127	9	141	75,973	392,392	0	0	17	60	153	910
12-Jul to 18-Jul	102	339	20	305	125,957	635,675	133	722	75	278	409	2,470
19-Jul to 25-Jul	106	391	4	54	144,302	748,908	1,490	7,827	1,870	6,557	1,408	8,714
26-Jul to 01-Aug	88	163	1	28	57,294	305,870	937	5,221	533	1,706	522	3,214
02-Aug to 08-Aug	42	72	0	0	15,396	79,727	1,990	12,700	2,021	6,246	243	1,509
09-Aug to 15-Aug	54	203	3	24	42,735	225,791	8,488	50,443	6,994	24,208	228	1,447
16-Aug to 22-Aug	12	28	0	0	11,736	58,676	5,568	33,381	1,476	4,424	38	228
Total <sup>d</sup>	119	1,323	37	552	473,393	2,447,039	18,606	110,294	12,986	43,479	3,001	18,492
Harbor Point to Outer Port Heiden (Port Moller Bight, Bear River, Three Hills, Ilnik, and Outer Port Heiden Sections Combined)												
21-Jun to 27-Jun <sup>b</sup>	104	214	199	2,490	33,346	166,009	0	0	8	21	268	1,631
28-Jun to 04-Jul	108	333	118	1,822	161,615	851,751	0	0	5	17	774	4,620
05-Jul to 11-Jul	137	567	57	972	546,816	2,834,871	0	0	38	122	1,442	8,474
12-Jul to 18-Jul	135	841	73	1,181	374,180	1,958,251	151	823	253	867	1,516	9,143
19-Jul to 25-Jul	125	708	13	209	284,508	1,492,020	1,946	10,216	2,467	8,456	2,837	17,271
26-Jul to 01-Aug	105	268	6	70	92,381	496,238	1,323	7,387	767	2,500	904	5,598
02-Aug to 08-Aug <sup>g</sup>	—	—	—	—	—	—	—	—	—	—	—	—
09-Aug to 15-Aug	88	188	0	0	31,966	167,290	2,671	16,729	2,762	8,842	548	3,434
16-Aug to 22-Aug	73	310	5	42	61,814	329,947	9,748	58,069	9,761	33,129	493	3,039
23-Aug to 29-Aug	34	90	0	0	42,069	218,193	7,565	45,650	2,773	8,444	131	789
30-Aug to 05-Sep	23	53	1	5	24,527	129,152	3,401	20,461	455	1,541	131	768
06-Sep to 12-Sep	7	16	1	14	4,158	22,246	922	5,514	53	200	13	77
Total <sup>d</sup>	143	3,599	520	7,598	1,660,602	8,683,667	27,742	164,933	19,391	64,294	9,118	55,205

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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	103	210	172	2,184	33,083	164,714	0	0	8	21	263	1,606
28-Jun to 04-Jul	107	329	106	1,685	161,341	850,262	0	0	4	12	766	4,575
05-Jul to 11-Jul	96	293	19	251	362,157	1,858,785	0	0	8	23	585	3,450
12-Jul to 18-Jul	103	292	19	314	164,121	859,356	4	23	7	24	401	2,540
19-Jul to 25-Jul	81	159	4	57	58,529	303,953	246	1,260	40	144	312	1,925
26-Jul to 01-Aug	26	35	1	5	8,540	44,287	179	947	45	166	72	412
Total	114	1,318	321	4,496	787,771	4,081,357	429	2,230	112	390	2,399	14,508
Entire North Peninsula												
07-Jun to 13-Jun <sup>b</sup>	6	8	63	847	461	2,629	0	0	0	0	0	0
14-Jun to 20-Jun	12	37	84	1,380	2,704	14,682	0	0	0	0	1	5
21-Jun to 27-Jun	118	262	317	4,914	40,006	200,142	0	0	8	21	329	2,061
28-Jun to 04-Jul	127	385	242	4,531	171,783	908,861	0	0	5	17	945	5,652
05-Jul to 11-Jul	160	689	361	6,932	585,791	3,041,910	2	13	39	126	6,614	46,279
12-Jul to 18-Jul	158	949	124	2,376	390,597	2,048,168	151	823	269	915	12,399	89,802
19-Jul to 25-Jul	144	797	16	291	301,579	1,585,127	2,044	10,782	2,801	9,481	14,941	103,330
26-Jul to 01-Aug	125	323	9	84	98,427	528,312	1,347	7,547	1,203	4,054	6,856	51,853
02-Aug to 08-Aug	48	86	0	0	18,426	101,941	1,038	5,576	8,556	27,069	6,342	44,625
09-Aug to 15-Aug	104	240	0	0	36,829	193,329	3,533	22,041	4,497	14,905	6,921	54,071
16-Aug to 22-Aug	84	343	5	42	62,722	334,663	10,620	64,771	9,822	33,470	529	3,264
23-Aug to 29-Aug	44	122	0	0	42,119	218,497	9,370	60,070	2,773	8,444	131	789
30-Aug to 05-Sep	33	95	1	5	24,555	129,317	6,791	47,463	455	1,541	131	768
06-Sep to 12-Sep <sup>c</sup>	16	61	1	14	4,175	22,348	13,017	102,483	53	200	13	77
Total <sup>d</sup>	173	4,399	1,223	21,416	1,780,175	9,329,931	48,176	323,821	30,481	100,243	56,152	402,575

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

<sup>a</sup> No harvest effort.

<sup>b</sup> All harvests before this date are confidential.

<sup>c</sup> All harvests after this date are confidential.

<sup>d</sup> Totals may include confidential harvests.

<sup>e</sup> Caribou flats section is closed by regulation.

<sup>f</sup> Closed.

<sup>g</sup> Confidential.

Table 3.—Northern District Chinook salmon runs in number of fish, by section, 1962–2020.

Year		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen— Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	Caribou Flats and Black Hills Sections	Northern District totals
1962	Catch	0	0	400	0	500	700	3,700	0	5,300
	Escapement <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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

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Table 3.—Page 2 of 8.

Year		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen— Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	Caribou Flats and Black Hills Sections	Northern District totals
1970	Catch	0	0	0	22	800	420	2,587	0	3,829
	Escapement <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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

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Table 3.—Page 3 of 8.

		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen— Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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

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Table 3.–Page 4 of 8.

Year		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen– Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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

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Table 3.–Page 5 of 8.

Year		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen– Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	Caribou Flats and Black Hills Sections	Northern District totals
1996	Catch	748	0	8	369	1,298	73	2,308	128	4,932
	Escapement <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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

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Table 3.–Page 6 of 8.

Year		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen– Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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

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Table 3.–Page 7 of 8.

Year		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills and Ilnik Sections	Bear River Section	Port Moller Bight and Herendeen– Moller Bay Sections	Nelson Lagoon Section <sup>b</sup>	Caribou Flats and Black Hills Sections	Northern District Totals
2013	Catch	0	50	0	75	55	0	346	37	563
	Escapement <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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	<sup>d</sup>	75	0	485	101	0	1,188	42	1,891
	Escapement <sup>c</sup>	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	<sup>d</sup>	374	0	1,644	161	<sup>d</sup>	652	11	2,842
	Escapement <sup>c</sup>	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	<sup>d</sup>	441	0	274	33	<sup>d</sup>	902	0	1,650
	Escapement <sup>c</sup>	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

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Table 3.–Page 8 of 8.

Year		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	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	<sup>d</sup>	1,799	0	3,871
	Escapement <sup>c</sup>	1,100	0	3,575	30	2,509	0	12,163	1,950	21,327
	Total	1,100	499	3,575	1,417	2,695	<sup>d</sup>	13,962	1,950	25,198
2020	Catch	0	321	0	76	43	0	699	0	1,139
	Escapement <sup>c</sup>	3,725	75	2,055	15	1,162	25	2,498	1,200	10,755
	Total	3,725	396	2,055	91	1,205	25	3,197	1,200	11,894
2010–2019 average										
	Catch	0	339	0	570	348	11	777	24	2,065
	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-fishery harvest or fish retained for personal use.

<sup>a</sup> Outer Port Heiden Section was closed between 1990 and 2006.

<sup>b</sup> Entire Nelson Lagoon watershed.

<sup>c</sup> Escapements are estimated totals.

<sup>d</sup> Confidentiality requirements prohibit the release of this information.

Table 4.—Northern District sockeye salmon runs in number of fish, by section, 1962–2020.

		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section <sup>b</sup>	Ilnik Section	Three Hills Section	Bear River Section <sup>c</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay Sections	Nelson Lagoon Section <sup>d</sup>	Caribou Flats & Black Hills Sections	Northern District totals
34	1962	Catch	900	0	17,800	9,700	<sup>f</sup> 142,900	152,600	0	69,600	0	240,900
		Escapement <sup>e</sup>	5,000	0	19,000	5,900	<sup>f</sup> 215,000	220,900	100	54,200	1,000	300,200
		Total	5,900	0	36,800	15,600	<sup>f</sup> 357,900	373,500	100	123,800	1,000	541,100
	1963	Catch	0	0	0	26,600	<sup>f</sup> 120,000	146,600	0	71,500	0	218,100
		Escapement <sup>e</sup>	1,400	0	14,200	10,400	<sup>f</sup> 238,600	249,000	100	31,000	1,300	297,000
		Total	1,400	0	14,200	37,000	<sup>f</sup> 358,600	395,600	100	102,500	1,300	515,100
	1964	Catch	0	0	6,300	33,300	<sup>f</sup> 107,500	140,800	0	88,700	0	235,800
		Escapement <sup>e</sup>	1,500	0	10,000	6,500	<sup>f</sup> 250,200	256,700	200	80,000	1,500	349,900
		Total	1,500	0	16,300	39,800	<sup>f</sup> 357,700	397,500	200	168,700	1,500	585,700
	1965	Catch	0	0	9,700	58,400	<sup>f</sup> 62,400	120,800	100	53,800	0	184,400
		Escapement <sup>e</sup>	7,500	0	30,000	12,500	<sup>f</sup> 137,000	149,500	0	37,000	500	224,500
		Total	7,500	0	39,700	70,900	<sup>f</sup> 199,400	270,300	100	90,800	500	408,900
	1966	Catch	0	0	8,000	11,000	<sup>f</sup> 152,600	163,600	0	60,000	0	231,600
		Escapement <sup>e</sup>	3,000	0	11,700	24,300	<sup>f</sup> 185,000	209,300	600	36,500	2,300	263,400
		Total	3,000	0	19,700	35,300	<sup>f</sup> 337,600	372,900	600	96,500	2,300	495,000
	1967	Catch	0	0	3,100	0	<sup>f</sup> 156,100	156,100	12,500	40,200	0	211,900
		Escapement <sup>e</sup>	3,800	0	12,000	26,400	<sup>f</sup> 200,000	226,400	200	42,000	500	284,900
		Total	3,800	0	15,100	26,400	<sup>f</sup> 356,100	382,500	12,700	82,200	500	496,800
	1968	Catch	0	0	0	78,600	<sup>f</sup> 90,500	169,100	3,400	51,100	0	223,600
		Escapement <sup>e</sup>	4,100	0	15,000	15,000	<sup>f</sup> 166,000	181,000	400	31,000	2,000	233,500
		Total	4,100	0	15,000	93,600	<sup>f</sup> 256,500	350,100	3,800	82,100	2,000	457,100
	1969	Catch	0	0	5,200	24,000	<sup>f</sup> 205,500	229,500	4,400	72,800	0	311,900
		Escapement <sup>e</sup>	3,800	0	15,000	15,600	<sup>f</sup> 406,000	421,600	100	78,500	2,500	521,500
		Total	3,800	0	20,200	39,600	<sup>f</sup> 611,500	651,100	4,500	151,300	2,500	833,400

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Table 4.—Page 2 of 8.

		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section <sup>b</sup>	Ilnik Section	Three Hills Section	Bear River Section <sup>c</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay Sections	Nelson Lagoon Section <sup>d</sup>	Caribou Flats & Black Hills Sections	Northern District totals
35	1970	Catch	0	0	21,011	<sup>f</sup>	109,209	130,220	1,672	52,043	21	183,956
		Escapement <sup>e</sup>	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 <sup>e</sup>	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 <sup>e</sup>	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 <sup>e</sup>	1,200	0	7,200	16,000	0	130,100	0	18,700	0	173,200
		Total	1,200	0	7,200	16,000	16,659	247,778	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 <sup>e</sup>	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	423,957	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 <sup>e</sup>	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 <sup>e</sup>	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 <sup>e</sup>	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

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Table 4.—Page 3 of 8.

Year		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section <sup>b</sup>	Ilnik Section	Three Hills Section	Bear River Section <sup>c</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay Sections	Nelson Lagoon Section <sup>d</sup>	Caribou Flats & Black Hills Sections	Northern District totals
36	1978 Catch	0	0	829	7,457	24,711	556,393	588,561	53,731	213,430	0	856,551
	Escapement <sup>e</sup>	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 <sup>e</sup>	6,000	0	46,700 <sup>g</sup>	97,200	300	1,013,000	1,110,500	5,000	360,100	3,000	1,531,300
	Total	6,140	0	83,640 <sup>g</sup>	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 <sup>e</sup>	30,000	0	47,000 <sup>g</sup>	100,000	0	751,000	851,000	1,500	352,600	3,900	1,286,000
	Total	30,046	0	71,628 <sup>g</sup>	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 <sup>e</sup>	100,000	0	26,600 <sup>g</sup>	151,000	0	741,500	892,500	600	251,000	4,000 <sup>g</sup>	1,274,700
	Total	100,024	0	30,447 <sup>g</sup>	175,334	44,559	2,068,719	2,288,612	19,210	625,722	4,000 <sup>g</sup>	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 <sup>e</sup>	13,000 <sup>g</sup>	0	62,000 <sup>g</sup>	41,700	1,300	361,300	404,300	500	179,600	6,000	665,400
	Total	13,000 <sup>g</sup>	0	70,782 <sup>g</sup>	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 <sup>e</sup>	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 <sup>e</sup>	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 <sup>e</sup>	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

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Table 4.—Page 4 of 8.

		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section <sup>b</sup>	Ilnik Section	Three Hills Section	Bear River Section <sup>c</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay Sections	Nelson Lagoon Section <sup>d</sup>	Caribou Flats & Black Hills Sections	Northern District 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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	47,400	0	26,500	135,000	200	681,200	816,400	500 <sup>g</sup>	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 <sup>g</sup>	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 <sup>c</sup>	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 <sup>c</sup>	20,000 <sup>g</sup>	0	50,000 <sup>g</sup>	70,000	300	501,900	572,200	400	267,200	10,200	920,000
	Total	28,903	0	50,518 <sup>g</sup>	938,790	411,577	2,543,616	3,893,983	10,445	720,042	14,205	4,718,096

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Table 4.—Page 5 of 8.

Year		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section <sup>b</sup>	Ilnik Section	Three Hills Section	Bear River Section <sup>c</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay Sections	Nelson Lagoon Section <sup>d</sup>	Caribou Flats & Black Hills Sections	Northern District totals
38	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 <sup>e</sup>	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 <sup>e</sup>	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 <sup>e</sup>	60,000 <sup>g</sup>	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 <sup>e</sup>	33,000	0	40,000 <sup>g</sup>	83,000	400	398,000	481,400	900	190,100	6,100	751,500
	Total	41,342	0	42,222 <sup>g</sup>	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 <sup>e</sup>	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 <sup>e</sup>	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 <sup>e</sup>	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 <sup>e</sup>	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

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Table 4.—Page 6 of 8.

		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section <sup>b</sup>	Ilnik Section	Three Hills Section	Bear River Section <sup>c</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herenden- Moller Bay Sections	Nelson Lagoon Section <sup>d</sup>	Caribou Flats & Black Hills Sections	Northern District Totals
Year												
2002	Catch	1,548	0	111	121,054	251,377	596,270	968,701	1,022	325,904	35,744	1,333,030
	Escapement <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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 <sup>c</sup>	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

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Table 4.—Page 7 of 8.

Year		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section <sup>b</sup>	Ilnik Section	Three Hills Section	Bear River Section <sup>c</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen- Moller Bay Sections	Nelson Lagoon Section <sup>d</sup>	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 <sup>e</sup>	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 <sup>e</sup>	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 <sup>e</sup>	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 <sup>e</sup>	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 <sup>e</sup>	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 <sup>h</sup>
	Escapement <sup>e</sup>	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	<sup>i</sup>	632,474	0	2,168,297	57,919	255,837	2,482,053	387	301,786	47,096	3,463,796
	Escapement <sup>e</sup>	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	<sup>i</sup>	502,531	0	2,528,527	89,133	288,927	2,906,587	<sup>i</sup>	347,562	15,822	3,772,502
	Escapement <sup>e</sup>	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

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Table 4.—Page 8 of 8.

Year		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section <sup>b</sup>	Ilnik Section	Three Hills Section	Bear River Section <sup>c</sup>	Combined Ilnik, Three Hills, & Bear R. Sections	Port Moller Bight & Herendeen— Moller Bay Sections	Nelson Lagoon Section <sup>d</sup>	Caribou Flats & Black Hills Sections	Northern District Totals
2018	Catch	<sup>i</sup>	356,014	0	1,067,597	361,790	397,206	1,826,593	<sup>i</sup>	165,303	2,318	2,350,646 <sup>h</sup>
	Escapement <sup>e</sup>	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	<sup>i</sup>	83,879	1,318	2,395,165
	Escapement <sup>e</sup>	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
2020	Catch	0	787,771	0	473,393	201,935	191,460	866,788	6,259	92,040	10,687	1,763,545
	Escapement <sup>e</sup>	124,000	900	67,450	41,000	2,300	560,000	670,750	1,800	221,000	10,278	1,096,178
	Total	124,000	788,671	67,450	514,393	204,235	751,460	1,537,538	8,059	313,040	20,965	2,859,723
2010-2019 average												
	Catch	2	499,117	24	983,878	128,962	278,444	1,391,285	376	192,482	25,212	2,043,353
	Escapement <sup>e</sup>	135,220	21	109,421	82,100	1,891	543,170	627,161	5,330	247,380	17,200	1,141,732
	Total	135,221	499,138	109,444	1,065,978	130,853	821,614	2,018,445	5,593	439,862	42,412	3,250,411

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

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

<sup>b</sup> Inner Port Heiden escapements include Meshik River, Red and Yellow Bluff Creeks, and minimal escapements from Birthday and Charles Creeks.

<sup>c</sup> Escapement includes all sockeye systems, mainly Bear and Sandy Rivers combined with post-weir estimates.

<sup>d</sup> Nelson Lagoon escapement includes tributaries David's and Caribou Rivers.

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

<sup>f</sup> Ilnik Section and Three Hills Section combined.

<sup>g</sup> These figures are extrapolated estimates.

<sup>h</sup> Aggregates include harvest omitted for confidentiality purposes

<sup>i</sup> Confidentiality rules prohibit reporting.

Table 5.—Port Moller Bight, Bear River, Three Hills, and Ilnik Sections combined salmon harvest by species and day, 2020.

Catch date	Permits <sup>a</sup>	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
8-Jul <sup>b</sup>	41	59	11	49,731	0	8	317
9-Jul	18	19	1	22,511	0	8	82
10-Jul	44	49	7	39,541	0	5	243
11-Jul	122	146	18	72,749	0	9	213
12-Jul	60	65	4	38,005	1	28	148
13-Jul	42	66	16	29,691	7	64	259
14-Jul	24	26	4	13,608	2	3	64
15-Jul	36	49	6	13,622	5	19	100
16-Jul	86	104	11	26,756	1	32	159
17-Jul	90	120	8	46,491	46	62	254
18-Jul	93	123	5	41,886	85	38	131
19-Jul	38	53	0	21,504	25	87	219
20-Jul	43	47	1	18,423	44	47	181
21-Jul	62	94	3	55,597	277	499	688
22-Jul	68	75	1	33,956	222	331	457
23-Jul	68	79	1	26,390	120	267	285
24-Jul	80	108	3	35,416	632	606	323
25-Jul	83	96	0	34,693	380	590	372
26-Jul	42	43	0	19,999	182	146	265
27-Jul	82	102	4	31,661	601	374	297
28-Jul	46	50	1	19,391	218	95	126
29-Jul	36	36	0	12,421	141	99	137
30-Jul thru 12-Aug <sup>c</sup>	—	—	—	—	—	—	—

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Table 5.—Page 2 of 2.

Catch date	Permits <sup>a</sup>	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
13-Aug	81	81	0	11,953	946	424	157
14-Aug	46	55	0	6,244	265	251	101
15-Aug	46	47	0	13,060	1,446	2,050	282
16-Aug	44	52	3	14,806	1,010	2,323	136
17-Aug	51	54	0	8,681	1,294	1,416	44
18-Aug	41	44	0	6,390	1,176	1,484	27
19-Aug	36	46	2	7,063	1,249	1,233	165
20-Aug	28	30	0	4,825	847	624	31
21-Aug	43	60	0	16,594	3,442	2,227	80
22-Aug	24	24	0	3,455	730	454	10
23-Aug	11	13	0	3,698	266	194	22
24-Aug	17	17	0	5,488	1,344	488	21
25-Aug	23	33	0	19,463	5,118	1,627	46
26-Aug	12	15	0	6,860	349	341	28
27-Aug	3	3	0	1,664	85	52	—
28-Aug	3	3	0	1,312	101	52	4
29-Aug	6	6	0	3,584	302	19	10
30-Aug <sup>d</sup>	—	—	—	—	—	—	—
31-Aug <sup>d</sup>	—	—	—	—	—	—	—
1-Sep	21	23	0	9,488	1,333	209	43
2-Sep	12	13	0	7,970	823	114	51
3-Sep	3	3	0	1,934	392	25	14
4-Sep	9	9	1	4,144	707	93	19
5-Sep	5	5	0	991	146	14	4
6-Sep <sup>c</sup>	—	—	—	—	—	—	—
7-Sep <sup>c</sup>	—	—	—	—	—	—	—
8-Sep	4	4	1	1,076	238	28	12
9-Sep	4	4	0	1,859	452	23	1
10-Sep <sup>e</sup>	4	5	0	980	176	2	0
Total <sup>f</sup>	144	2,258	199	872,831	27,313	19,279	6,719

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

<sup>a</sup> Total permits includes total number of unique permits fished

<sup>b</sup> Harvests prior to July 8 are confidential.

<sup>c</sup> Confidential.

<sup>d</sup> No effort.

<sup>e</sup> All harvests after this date are confidential.

<sup>f</sup> Aggregates include harvests omitted for confidentiality purposes.

Table 6.—North Peninsula coho salmon harvest in number of fish by district and section, 2010–2020.

Section	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2010–2019 average
Northwestern District												
Dublin Bay	0	0	0	0	0	0	0	0	0	0	0	0
Urilia Bay	0	0	7	0	0	0	0	19	0	0	0	3
Swanson Lagoon	27	9	0	0	0	0	0	0	0	0	0	4
Bechevin Bay	272	905	37	0	0	0	0	0	0	1,417	0	263
Izembek - Moffet Bay	226	1,533	1,937	25	6,311	599	2,379	124	9,683	3,295	731	2,611
Northwestern District total	525	2,447	1,981	25	6,311	599	2,379	143	9,683	4,712	731	2,881
Northern District												
Black Hills	1,026	596	3,929	323	808	239	689	244	0	32	859	789
Caribou Flats <sup>a</sup>	0	0	0	0	0	0	0	0	0	0	0	0
Nelson Lagoon	44,821	13,119	31,476	21,734	58,849	41,574	27,312	329	31,058	13,653	18,838	28,393
Herendeen – Moller Bay <sup>b</sup>	0	3	0	0	2	6	0	<sup>c</sup>	0	<sup>c</sup>	6	1
Bear River	9,632	2,195	0	2,298	9,705	7,617	3,585	957	9,605	6,847	4,795	5,244
Three Hills	2,193	637	0	1,162	6,526	2,157	4,715	1,434	19,974	2,590	3,912	4,139
Ilnik	3,112	432	3	1,674	22,167	4,621	34,353	3,450	33,134	13,581	18,606	11,653
Inner Port Heiden	0	0	0	0	0	0	0	0	0	0	0	0
Outer Port Heiden	838	11	10	40	8	326	5	98	1,756	1,033	429	413
Cinder River	0	0	0	<sup>c</sup>	<sup>c</sup>	0	<sup>c</sup>	<sup>c</sup>	<sup>c</sup>	0	0	0
Northern District total	61,622	16,993	35,418	27,231	98,065	56,540	70,659	6,512	95,527	37,736	47,445	50,630
North Peninsula total	62,147	19,440	37,399	27,256	104,376	57,139	73,038	6,655	105,210	42,448	48,176	53,511

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

<sup>a</sup> Caribou Flats Section: no open season.

<sup>b</sup> Includes Port Moller Bight Section.

<sup>c</sup> Confidentiality requirements prevent the release of this information.

Table 7.—Northwestern District pink salmon runs in number of fish, 1962–2020.

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

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Table 7.—Page 2 of 6.

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

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Table 7.—Page 3 of 6.

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

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Table 7.—Page 4 of 6.

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

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Table 7.–Page 5 of 6.

Year		Izembek– Moffet Bay <sup>a</sup>	Dublin, Uria, & Bechevin Bays & Swanson Lagoon <sup>a</sup>	Northwestern District total <sup>b</sup>
2010	Catch	1,219	5,231	6,450
	Escapement <sup>c</sup>	1,700	13,600	15,300
	Total	2,919	18,831	21,750
2011	Catch	4,466	104,029	108,495
	Escapement <sup>c</sup>	0	2,400	2,400
	Total	4,466	106,429	110,895
2012	Catch	478	416	894
	Escapement <sup>c</sup>	3,300	7,603	10,903
	Total	3,778	8,019	11,797
2013	Catch	165	2,958	3,123
	Escapement <sup>c</sup>	3,300	3,800	7,100
	Total	3,465	6,758	10,223
2014	Catch	1,516	48	1,564
	Escapement <sup>c</sup>	5,300	2,200	7,500
	Total	6,816	2,248	9,064
2015	Catch	6,087	0	6,087
	Escapement <sup>c</sup>	29,500	136,300	165,800
	Total	35,587	136,300	171,887
2016	Catch	1,812	0	1,812
	Escapement <sup>c</sup>	29,500	4,750	34,250
	Total	31,312	4,750	36,062
2017	Catch	2,867	2,126	4,993
	Escapement <sup>c</sup>	62,500	249,215	311,715
	Total	65,367	251,341	316,708
2018	Catch	2,509	0	2,509
	Escapement <sup>c</sup>	8,900	2,200	11,100
	Total	11,409	2,200	13,609
2019	Catch	15,125	445,229	460,354
	Escapement <sup>c</sup>	44,700	157,500	202,200
	Total	59,825	602,729	662,554
2020	Catch	5,051	0	5,051
	Escapement <sup>c</sup>	12,100	34,600	46,700
	Total	17,151	34,600	51,751

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Table 7.—Page 6 of 6.

Year	Izembek– Moffet Bay <sup>a</sup>	Dublin, Uria, & Bechevin Bays & Swanson Lagoon <sup>a</sup>	Northwestern District total <sup>b</sup>
2010–2018 even-year average <sup>d</sup>			
Catch	1,507	1,139	2,646
Escapement <sup>c</sup>	9,740	6,071	15,811
Total	11,247	7,210	18,456

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

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

<sup>b</sup> Catch numbers include a small harvest from the Dublin Bay Section in 1983, 2006, and 2011.

<sup>c</sup> Escapements are estimated totals.

<sup>d</sup> Averages include only the even-numbered years 2010, 2012, 2014, 2016, and 2018.

Table 8.—Northern District chum salmon runs in number of fish, 1962–2020.

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 <sup>a</sup>	500	0	1,900 <sup>b</sup>	1,500 <sup>b</sup>	1,500	18,300	9,700	1,000 <sup>b</sup>	34,400
	Total	700	0	10,500 <sup>b</sup>	2,100 <sup>b</sup>	8,500	18,300	13,400	1,000 <sup>b</sup>	54,500
1963	Catch	0	0	0	700	600	0	4,100	0	5,400
	Escapement <sup>a</sup>	1,200	0	7,400 <sup>b</sup>	1,500 <sup>b</sup>	3,000 <sup>b</sup>	26,000	7,000	1,300 <sup>b</sup>	47,000
	Total	1,200	0	7,400 <sup>b</sup>	2,200 <sup>b</sup>	3,600 <sup>b</sup>	26,000	11,000	1,300 <sup>b</sup>	52,700
1964	Catch	0	0	0	2,300	6,500	39,800	3,400	0	52,000
	Escapement <sup>a</sup>	200	0	1,000	1,500 <sup>b</sup>	3,000	35,900	2,000	1,000 <sup>b</sup>	44,600
	Total	200	0	1,000	3,800 <sup>b</sup>	9,500	75,700	5,400	1,000 <sup>b</sup>	96,600
1965	Catch	0	0	800	2,300	1,500	13,600	2,200	0	20,400
	Escapement <sup>a</sup>	0	0	8,500	1,500 <sup>b</sup>	1,000	8,000	4,000	500 <sup>b</sup>	23,500
	Total	0	0	9,300	3,800 <sup>b</sup>	2,500	21,600	6,200	500 <sup>b</sup>	43,900
1966	Catch	0	0	0	300	3,700	17,900	4,800	0	26,700
	Escapement <sup>a</sup>	4,400	0	3,400 <sup>b</sup>	1,500 <sup>b</sup>	1,000	56,200	17,000	2,000	85,500
	Total	4,400	0	3,400 <sup>b</sup>	1,800 <sup>b</sup>	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 <sup>a</sup>	2,500	0	3,000	9,600	2,500	25,000	29,800	2,000 <sup>b</sup>	74,400
	Total	2,500	0	3,000	9,600	16,100	27,400	34,900	2,000 <sup>b</sup>	95,500
1968	Catch	0	0	0	3,100	7,500	10,500	3,500	0	24,600
	Escapement <sup>a</sup>	0	0	11,000 <sup>b</sup>	0	9,500	47,700	18,100	2,000	88,300
	Total	0	0	11,000 <sup>b</sup>	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 <sup>a</sup>	2,500	0	11,000 <sup>b</sup>	1,500 <sup>b</sup>	1,000	14,000	13,000	500	43,500
	Total	2,500	0	12,200 <sup>b</sup>	2,800 <sup>b</sup>	11,300	21,800	16,500	500	67,600

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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 <sup>a</sup>	1,300	0	22,000	500	2,000	42,800	36,000	1,500 <sup>b</sup>	106,100
	Total	1,300	0	22,000	1,665	16,430	55,042	43,664	1,509 <sup>b</sup>	141,610
1971	Catch	0	0	0	2,513	12,980	1,156	3,785	0	20,434
	Escapement <sup>a</sup>	2,500	0	12,100	800	0	14,500	19,000	500 <sup>b</sup>	49,400
	Total	2,500	0	12,100	3,313	12,980	15,656	22,785	500 <sup>b</sup>	69,834
1972	Catch	0	0	35	767	13,956	7,384	3,187	0	25,329
	Escapement <sup>a</sup>	5,300	0	12,200	500	3,700	8,000	16,800	500 <sup>b</sup>	47,000
	Total	5,300	0	12,235	1,267	17,656	15,384	19,987	500 <sup>b</sup>	72,329
1973	Catch	0	0	0	825	34,916	12,173	1,776	0	49,690
	Escapement <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	1,700 <sup>b</sup>	0	32,000	1,500 <sup>b</sup>	17,000	108,500	83,300	1,500	245,500
	Total	1,700 <sup>b</sup>	0	33,308	8,613 <sup>b</sup>	49,259	143,347	93,866	1,641	331,734

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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 <sup>a</sup>	7,400	0	22,000	1,500 <sup>b</sup>	15,500 <sup>b</sup>	89,300	10,200	1,000 <sup>b</sup>	146,900
	Total	7,400	0	22,437	2,742 <sup>b</sup>	30,094 <sup>b</sup>	95,858	20,523	1,000 <sup>b</sup>	180,054
1979	Catch	27	0	776	680	17,379	10,852	5,657	0	35,371
	Escapement <sup>a</sup>	3,600 <sup>b</sup>	0	32,700 <sup>b</sup>	0	7,000	30,600	37,000	4,000	114,900
	Total	3,627 <sup>b</sup>	0	33,476 <sup>b</sup>	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 <sup>a</sup>	10,000 <sup>b</sup>	0	33,700 <sup>b</sup>	10,000 <sup>b</sup>	20,000 <sup>b</sup>	116,100	164,000	10,400	364,200
	Total	10,020 <sup>b</sup>	0	36,280 <sup>b</sup>	39,773 <sup>b</sup>	181,666 <sup>b</sup>	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 <sup>a</sup>	11,800 <sup>b</sup>	0	73,400 <sup>b</sup>	11,000 <sup>b</sup>	27,200	85,000	57,000	11,000 <sup>b</sup>	276,400
	Total	11,800 <sup>b</sup>	0	73,627 <sup>b</sup>	18,148 <sup>b</sup>	182,195	211,188	119,764	11,000 <sup>b</sup>	627,722
1982	Catch	0	0	724	21,199	142,439	50,184	21,426	42	236,014
	Escapement <sup>a</sup>	5,500 <sup>b</sup>	0	35,500 <sup>b</sup>	1,000	42,400	152,000	29,100	2,000 <sup>b</sup>	267,500
	Total	5,500 <sup>b</sup>	0	36,224 <sup>b</sup>	22,199	184,839	202,184	50,526	2,042 <sup>b</sup>	503,514
1983	Catch	2	0	0	26,091	87,264	51,333	13,991	0	178,681
	Escapement <sup>a</sup>	17,200	0	14,500	11,200	15,000 <sup>b</sup>	126,000	14,000	1,200	199,100
	Total	17,202	0	14,500	37,291	102,264 <sup>b</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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

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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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	4,000	0	7,000	200 <sup>b</sup>	1,100	101,600	1,000 <sup>b</sup>	700	115,600
	Total	4,099	0	7,269	7,941 <sup>b</sup>	28,017	159,134	3,163 <sup>b</sup>	1,518	211,141
1991	Catch	219	0	445	20,807	72,786	23,554	7,374	3,353	128,538
	Escapement <sup>a</sup>	4,500	0	13,400	0	2,400 <sup>b</sup>	55,000	5,000 <sup>b</sup>	1,200	81,500
	Total	4,719	0	13,845	20,807	75,186 <sup>b</sup>	78,554	12,374 <sup>b</sup>	4,553	210,038
1992	Catch	355	0	1,183	29,345	62,229	135,874	7,738	160	236,884
	Escapement <sup>a</sup>	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 <sup>a</sup>	4,000 <sup>b</sup>	0	11,000 <sup>b</sup>	400 <sup>b</sup>	5,700	156,700	4,400	1,200	183,400
	Total	4,162 <sup>b</sup>	0	11,058 <sup>b</sup>	2,800 <sup>b</sup>	36,228	204,269	8,933	2,513	269,963

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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 <sup>a</sup>	24,400	0	30,000	300 <sup>b</sup>	4,000	163,600	5,500	3,000	230,800
	Total	24,443	0	30,257	12,773 <sup>b</sup>	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 <sup>a</sup>	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 <sup>a</sup>	25,000 <sup>b</sup>	0	50,000 <sup>b</sup>	0	4,000	353,200	3,600	600	436,400
	Total	25,019 <sup>b</sup>	0	50,517 <sup>b</sup>	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 <sup>a</sup>	30,500	0	61,000 <sup>b</sup>	500	5,000	60,200	1,100	2,700	161,000
	Total	30,572	0	61,005 <sup>b</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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

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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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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

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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 <sup>a</sup>	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 <sup>a</sup>	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 <sup>a</sup>	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	<sup>c</sup>	11,849	0	2,053	1,527	<sup>c</sup>	7,210	21,185	44,557 <sup>d</sup>
	Escapement <sup>a</sup>	18,200	2,300	32,100	1,800	7,095	43,600	11,136	21,020	137,251
	Total <sup>d</sup>	18,200	14,149	32,100	3,853	8,622	43,600	18,346	42,205	181,808
2014	Catch	<sup>c</sup>	2,390	0	5,778	10,809	982	6,052	7,510	33,521
	Escapement <sup>a</sup>	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 <sup>a</sup>	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	<sup>c</sup>	560	0	4,055	4,890	<sup>c</sup>	6,967	2,484	18,991 <sup>d</sup>
	Escapement <sup>a</sup>	94,900	2,800	28,200	6,600	22,200	98,300	8,474	16,200	277,674
	Total <sup>d</sup>	94,900	3,360	28,200	10,655	27,090	98,300	15,441	18,684	296,665
2017	Catch	<sup>c</sup>	582	0	6,856	6,489	<sup>c</sup>	7,674	2,966	24,567
	Escapement <sup>a</sup>	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

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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	<sup>c</sup>	12,372	0	24,518	10,380	<sup>c</sup>	2,458	1,101	51,644
	Escapement <sup>a</sup>	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	<sup>c</sup>	1,178	486	45,272
	Escapement <sup>a</sup>	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
2020	Catch	0	2,399	0	4,944	1,551	<sup>c</sup>	34	1,334	10,262
	Escapement <sup>a</sup>	9,800	2,200	61,050	5,700	5,871	68,350	44	5,800	158,815
	Total	9,800	4,599	61,050	10,644	7,422	68,350	78	7,134	169,077
2010–2019 average										
	Catch	0	5,529	0	11,310	10,105	12,186	4,788	15,511	53,494
	Escapement <sup>a</sup>	30,368	1,902	27,590	3,302	8,385	88,313	7,053	18,822	185,733
	Total	30,368	7,431	27,590	14,612	18,490	100,499	11,840	34,333	239,227

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

<sup>a</sup> Escapements are estimated totals.

<sup>b</sup> These figures are extrapolated estimates.

<sup>c</sup> Confidentiality requirements prohibit the release of this information.

<sup>d</sup> Aggregates may include information not provided due to confidentiality requirements.

Table 9.—Northwestern District chum salmon runs in number of fish, 1962–2020.

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

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Table 9.—Page 2 of 6.

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

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Table 9.—Page 3 of 6.

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

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Table 9.—Page 4 of 6.

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

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Table 9.—Page 5 of 6.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Uria Bays & Swanson Lagoon <sup>a,b</sup>	Northwestern District total
2008	Catch	79,229	24,911	104,140
	Escapement <sup>c</sup>	182,900	58,850	241,750
	Total	262,129	83,761	345,890
2009	Catch	17,155	37,014	54,169
	Escapement <sup>c</sup>	42,440	42,020	84,460
	Total	59,595	79,034	138,629
2010	Catch	125,382	13,688	139,070
	Escapement <sup>c</sup>	113,900	30,200	144,100
	Total	239,282	43,888	283,170
2011	Catch	142,660	86,738	229,398
	Escapement <sup>c</sup>	127,200	24,200	151,400
	Total	269,860	110,938	380,798
2012	Catch	177,270	10,331	187,601
	Escapement <sup>c</sup>	100,150	39,850	140,000
	Total	277,420	50,181	327,601
2013	Catch	77,037	9,345	86,382
	Escapement <sup>c</sup>	51,100	41,700	92,800
	Total	128,137	51,045	179,182
2014	Catch	95,290	24	95,314
	Escapement <sup>c</sup>	42,175	12,350	54,525
	Total	137,465	12,374	149,839
2015	Catch	155,102	0	155,102
	Escapement <sup>c</sup>	60,800	29,000	89,800
	Total	215,902	29,000	244,902
2016	Catch	69,903	0	69,903
	Escapement <sup>c</sup>	74,000	39,250	113,250
	Total	143,903	39,250	183,153
2017	Catch	56,771	892	57,663
	Escapement <sup>c</sup>	104,800	90,900	195,700
	Total	161,571	91,792	253,363
2018	Catch	105,705	0	105,705
	Escapement <sup>c</sup>	99,905	19,855	119,760
	Total	205,610	19,855	225,465

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Table 9.—Page 6 of 6.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Uria Bays & Swanson Lagoon <sup>a,b</sup>	Northwestern District total
2019	Catch	131,357	54,515	185,872
	Escapement <sup>c</sup>	132,100	4,600	136,700
	Total	263,457	59,115	322,572
2020	Catch	43,128	0	43,128
	Escapement <sup>c</sup>	32,100	30,000	62,100
	Total	75,228	30,000	105,228
2010–2019 average				
	Catch	113,648	17,553	131,201
	Escapement <sup>c</sup>	90,613	33,191	123,804
	Total	204,261	50,744	255,005

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

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

<sup>b</sup> Catch numbers include a small harvest from the Dublin Bay Section in 1983, 2006, and 2011.

<sup>c</sup> Escapements are rounded indexed totals.



Table 10.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Nelson River weir, 2020.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
10-Jun	2	0	0	0	2	0	0	0
11-Jun	0	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	0	0	0	0	2	0	0	0
15-Jun	0	0	0	0	2	0	0	0
16-Jun	0	0	0	0	2	0	0	0
17-Jun	0	0	0	0	2	0	0	0
18-Jun	7	0	0	0	9	0	0	0
19-Jun	0	0	0	0	9	0	0	0
20-Jun	0	0	0	0	9	0	0	0
21-Jun	0	0	0	0	9	0	0	0
22-Jun	0	0	0	0	9	0	0	0
23-Jun	0	0	0	0	9	0	0	0
24-Jun	0	0	0	0	9	0	0	0
25-Jun	2	0	0	0	11	0	0	0
26-Jun	560	0	0	0	571	0	0	0
27-Jun	154	0	0	0	725	0	0	0
28-Jun	28	0	0	0	753	0	0	0
29-Jun	6	0	0	0	759	0	0	0
30-Jun	60	0	0	0	819	0	0	0
1-Jul	110	0	0	0	929	0	0	0
2-Jul	31	0	0	0	960	0	0	0
3-Jul	55	2	0	0	1,015	2	0	0
4-Jul	67	0	0	0	1,082	2	0	0
5-Jul	43	0	0	0	1,125	2	0	0
6-Jul	5	11	0	0	1,130	13	0	0
7-Jul	3	3	0	1	1,133	16	0	1
8-Jul	0	0	0	0	1,133	16	0	1
9-Jul	7	3	0	0	1,140	19	0	1
10-Jul	6	1	0	0	1,146	20	0	1
11-Jul	15	0	0	0	1,161	20	0	1
12-Jul	23	4	0	0	1,184	24	0	1
13-Jul	7	4	0	0	1,191	28	0	1
14-Jul	33	6	0	1	1,224	34	0	2
15-Jul	47	9	0	0	1,271	43	0	2
16-Jul	3	2	0	0	1,274	45	0	2

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Table 10.—Page 2 of 2

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
17-Jul	13	8	0	1	1,287	53	0	3
18-Jul	24	7	0	2	1,311	60	0	5
19-Jul	34	5	0	0	1,345	65	0	5
20-Jul	36	3	0	1	1,381	68	0	6
21-Jul	2	3	0	1	1,383	71	0	7
22-Jul	116	6	0	3	1,499	77	0	10
23-Jul	10	7	0	1	1,509	84	0	11
24-Jul	418	14	0	17	1,927	98	0	28
25-Jul	16	4	0	3	1,943	102	0	31
26-Jul	55	10	0	13	1,998	112	0	44

*Note:* An estimated 500 Chinook salmon, observed by aerial survey, escaped after the weir was removed for the season. A total of 2,498 Chinook salmon escaped past the weir site in 2020.

Table 11.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Bear River weir, 2020.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
3-Jul	0	4	0	0	0	4	0	0
4-Jul	0	2	0	0	0	6	0	0
5-Jul	0	0	0	0	0	6	0	0
6-Jul	0	0	0	0	0	6	0	0
7-Jul	2	7	0	0	2	13	0	0
8-Jul	0	1	0	0	2	14	0	0
9-Jul	0	0	0	0	2	14	0	0
10-Jul	1	4	0	0	3	18	0	0
11-Jul	0	2	0	0	3	20	0	0
12-Jul	0	6	0	0	3	26	0	0
13-Jul	1	0	0	0	4	26	0	0
14-Jul	0	20	0	0	4	46	0	0
15-Jul	1	5	0	1	5	51	0	1
16-Jul	1	10	0	1	6	61	0	2
17-Jul	1	9	0	1	7	70	0	3
18-Jul	0	17	0	0	7	87	0	3
19-Jul	3	4	0	1	10	91	0	4
20-Jul	0	20	0	0	10	111	0	4
21-Jul	0	2	0	0	10	113	0	4
22-Jul	0	13	0	0	10	126	0	4
23-Jul	0	2	0	0	10	128	0	4
24-Jul	0	26	0	1	10	154	0	5
25-Jul	0	10	0	1	10	164	0	6
26-Jul	0	10	0	0	10	174	0	6
27-Jul	0	10	0	0	10	184	0	6
28-Jul	0	9	0	0	10	193	0	6
29-Jul	1	3	0	0	11	196	0	6
30-Jul	0	5	0	1	11	201	0	7
31-Jul	0	8	0	0	11	209	0	7
1-Aug	2	6	0	0	13	215	0	7
2-Aug	2	19	0	1	15	234	0	8
3-Aug	0	4	0	0	15	238	0	8
4-Aug	1	2	0	0	16	240	0	8
5-Aug	1	1	0	0	17	241	0	8
6-Aug	0	1	0	2	17	242	0	10
7-Aug	0	2	0	0	17	244	0	10
8-Aug	0	3	0	0	17	247	0	10
9-Aug	0	4	0	2	17	251	0	12
10-Aug	0	1	0	0	17	252	0	12

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Table 11.–Page 2 of 2.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
11-Aug	2	5	0	2	19	257	0	14
12-Aug	0	11	0	1	19	268	0	15
13-Aug	3	9	0	4	22	277	0	19
14-Aug	0	5	0	0	22	282	0	19
15-Aug	0	7	0	1	22	289	0	20
16-Aug	1	8	0	3	23	297	0	23
17-Aug	4	6	0	2	27	303	0	25
18-Aug	1	13	0	1	28	316	0	26
19-Aug	3	40	0	4	31	356	0	30
20-Aug	1	25	0	4	32	381	0	34
21-Aug	1	26	0	9	33	407	0	43
22-Aug	2	18	0	4	35	425	0	47
23-Aug	1	29	0	6	36	454	0	53
24-Aug	2	31	0	9	38	485	0	62
25-Aug	0	0	0	0	38	485	0	62

Table 12.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Sandy River weir, 2020.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
26-Jun	0	4	0	0	0	4	0	0
27-Jun	3	0	0	0	3	4	0	0
28-Jun	0	0	0	0	3	4	0	0
29-Jun	0	0	0	0	3	4	0	0
30-Jun	0	1	0	0	3	5	0	0
1-Jul	1	2	0	0	4	7	0	0
2-Jul	7	5	0	0	11	12	0	0
3-Jul	21	6	0	5	32	18	0	5
4-Jul	2	1	0	0	34	19	0	5
5-Jul	3	0	0	0	37	19	0	5
6-Jul	1	0	0	0	38	19	0	5
7-Jul	0	0	0	0	38	19	0	5
8-Jul	5	8	0	1	43	27	0	6
9-Jul	0	4	0	0	43	31	0	6
10-Jul	0	3	0	0	43	34	0	6
11-Jul	0	13	0	0	43	47	0	6
12-Jul	0	7	0	0	43	54	0	6
13-Jul	3	10	0	0	46	64	0	6
14-Jul	4	18	0	0	50	82	0	6
15-Jul	13	13	0	0	63	95	0	6
16-Jul	4	5	0	0	67	100	0	6
17-Jul	3	8	0	1	70	108	0	7
18-Jul	16	14	0	1	86	122	0	8
19-Jul	13	13	0	1	99	135	0	9
20-Jul	0	0	0	0	99	135	0	9
21-Jul	0	0	0	0	99	135	0	9
22-Jul	0	0	0	0	99	135	0	9
23-Jul	0	0	0	0	99	135	0	9

Table 13.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Ilnik River weir, 2020.

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

Table 14.—Historical North Alaska Peninsula sockeye salmon escapements and escapement goals, 1989–2020.

Year	Nelson River		Bear River		Sandy River		Ilnik River		Meshik River		Cinder River	
	Escapement <sup>a,b</sup>	Goal	Escapement <sup>b</sup>	Goal	Escapement <sup>b</sup>	Goal	Escapement <sup>b,c</sup>	Goal	Escapement <sup>d,e</sup>	Goal	Escapement <sup>d,f</sup>	Goal
1989	193,300		451,000						10,520		3,950	
1990	240,700		546,800						26,830		11,850	
1991	268,400		606,000				135,000		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		75,000		44,900		83,400	
1995	329,400	100k to 150k	305,000	200k to 250k	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	10k to 20k	33,000	6k to 12k
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	40k to 60k	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		132,600	
2016	300,000		433,000		170,000		124,000		116,310	48k to 86k	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	
2020	185,000		500,000		60,000		41,000		64,550		124,000	
2010–2019 average	207,230		468,610		73,960		81,700		106,944		135,220	

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- <sup>a</sup> Does not include David's or Caribou Rivers.
- <sup>b</sup> Escapement is based on weir counts and post-weir escapement estimates. Only those years when weirs were present are included in the table.
- <sup>c</sup> 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.
- <sup>d</sup> Escapements are estimates based on aerial surveys.
- <sup>e</sup> Meshik River escapement includes Red and Yellow Bluff Creeks (tributaries).
- <sup>f</sup> Cinder River escapement includes Mud Creek (a tributary).



Table 15.—Sockeye salmon daily and cumulative escapement counts through the Nelson River weir, 2020.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
3-Jun	1	0	1	100.0%	0.0%	1	0	1	0.0%	0.0%
4-Jun	0	0	0	0	0	1	0	1	0.0%	0.0%
5-Jun	0	0	0	0	0	1	0	1	0.0%	0.0%
6-Jun	0	0	0	0	0	1	0	1	0.0%	0.0%
7-Jun	0	0	0	0	0	1	0	1	0.0%	0.0%
8-Jun	0	0	0	0	0	1	0	1	0.0%	0.0%
9-Jun	0	0	0	0	0	1	0	1	0.0%	0.0%
10-Jun	2	0	2	100.0%	0.0%	3	0	3	0.0%	0.0%
11-Jun	0	0	0	0	0	3	0	3	0.0%	0.0%
12-Jun	0	0	0	0	0	3	0	3	0.0%	0.0%
13-Jun	0	0	0	0	0	3	0	3	0.0%	0.0%
14-Jun	0	0	0	0	0	3	0	3	0.0%	0.0%
15-Jun	0	0	0	0	0	3	0	3	0.0%	0.0%
16-Jun	0	0	0	0	0	3	0	3	0.0%	0.0%
17-Jun	0	0	0	0	0	3	0	3	0.0%	0.0%
18-Jun	7	0	7	100.0%	0.0%	10	0	10	0.0%	0.0%
19-Jun	0	0	0	0	0	10	0	10	0.0%	0.0%
20-Jun	0	0	0	0	0	10	0	10	0.0%	0.0%
21-Jun	0	0	0	0	0	10	0	10	0.0%	0.0%
22-Jun	0	0	0	0	0	10	0	10	0.0%	0.0%
23-Jun	0	0	0	0	0	10	0	10	0.0%	0.0%
24-Jun	0	0	0	0	0	10	0	10	0.0%	0.0%
25-Jun	14	0	14	100.0%	0.0%	24	0	24	0.0%	0.0%
26-Jun	2,682	7	2,689	99.7%	0.3%	2,706	7	2,713	1.5%	0.0%
27-Jun	1,300	13	1,313	99.0%	1.0%	4,006	20	4,026	2.2%	0.0%
28-Jun	1,498	8	1,506	99.5%	0.5%	5,504	28	5,532	3.0%	0.0%
29-Jun	247	0	247	100.0%	0.0%	5,751	28	5,779	3.1%	0.0%
30-Jun	3,005	36	3,041	98.8%	1.2%	8,756	64	8,820	4.7%	0.0%
1-Jul	4,632	25	4,657	99.5%	0.5%	13,388	89	13,477	7.2%	0.0%
2-Jul	3,735	12	3,747	99.7%	0.3%	17,123	101	17,224	9.3%	0.1%

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Date	Daily			Daily Percent		Cumulative			Cumulative Percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
3-Jul	6,836	18	6,854	99.7%	0.3%	23,959	119	24,078	13.0%	0.1%
4-Jul	5,649	16	5,665	99.7%	0.3%	29,608	135	29,743	16.0%	0.1%
5-Jul	6,360	17	6,377	99.7%	0.3%	35,968	152	36,120	19.4%	0.1%
6-Jul	7,453	26	7,479	99.7%	0.3%	43,421	178	43,599	23.5%	0.1%
7-Jul	8,451	95	8,546	98.9%	1.1%	51,872	273	52,145	28.0%	0.1%
8-Jul	4,561	72	4,633	98.4%	1.6%	56,433	345	56,778	30.5%	0.2%
9-Jul	10,013	67	10,080	99.3%	0.7%	66,446	412	66,858	35.9%	0.2%
10-Jul	8,805	75	8,880	99.2%	0.8%	75,251	487	75,738	40.7%	0.3%
11-Jul	12,736	120	12,856	99.1%	0.9%	87,987	607	88,594	47.6%	0.3%
12-Jul	8,281	84	8,365	99.0%	1.0%	96,268	691	96,959	52.0%	0.4%
13-Jul	5,516	57	5,573	99.0%	1.0%	101,784	748	102,532	55.0%	0.4%
14-Jul	7,588	95	7,683	98.8%	1.2%	109,372	843	110,215	59.1%	0.5%
15-Jul	6,109	69	6,178	98.9%	1.1%	115,481	912	116,393	62.4%	0.5%
16-Jul	3,799	45	3,844	98.8%	1.2%	119,280	957	120,237	64.5%	0.5%
17-Jul	5,082	101	5,183	98.1%	1.9%	124,362	1,058	125,420	67.2%	0.6%
18-Jul	4,642	62	4,704	98.7%	1.3%	129,004	1,120	130,124	69.7%	0.6%
19-Jul	4,062	59	4,121	98.6%	1.4%	133,066	1,179	134,245	71.9%	0.6%
20-Jul	2,945	57	3,002	98.1%	1.9%	136,011	1,236	137,247	73.5%	0.7%
21-Jul	2,216	35	2,251	98.4%	1.6%	138,227	1,271	139,498	74.7%	0.7%
22-Jul	6,088	71	6,159	98.8%	1.2%	144,315	1,342	145,657	78.0%	0.7%
23-Jul	2,333	52	2,385	97.8%	2.2%	146,648	1,394	148,042	79.3%	0.8%
24-Jul	5,447	88	5,535	98.4%	1.6%	152,095	1,482	153,577	82.2%	0.8%
25-Jul	3,218	29	3,247	99.1%	0.9%	155,313	1,511	156,824	84.0%	0.8%
26-Jul	5,292	48	5,340	99.1%	0.9%	160,605	1,559	162,164	86.8%	0.8%
Total	160,604	1,559	162,163							
Post-weir escapement estimate			22,837							
Estimated total sockeye escapement			185,000							

*Note:* 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 late-run total by year, 1989–2020.

Year	Early-run escapement <sup>a</sup>	Late-run escapement <sup>b</sup>	Late-run catch <sup>c</sup>	Late-run total <sup>d</sup>
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 <sup>e</sup>	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
2020	299,198	200,802	167,932	368,734
2010–2019 average	287,093	181,517	218,779	400,296

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

<sup>a</sup> Bear River escapement prior to August 1.

<sup>b</sup> Bear River escapement post July 31, including post-weir estimate.

<sup>c</sup> Commercial catch from Port Moller Bight to Stroganof Point, post July 31.

<sup>d</sup> Bear River escapement with post-weir estimate, and Port Moller to Stroganof Point catch, post July 31.

<sup>e</sup> No fishery on Bear River late run due to low escapement.

Table 17.—Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 2020.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
2-Jun	1	0	1	100.0%	0.0%	1	0	0	0.0%	0.0%
3-Jun	0	0	0	0	0	1	0	1	0.0%	0.0%
4-Jun	0	0	0	0	0	1	0	1	0.0%	0.0%
5-Jun	24	0	24	100.0%	0.0%	25	0	25	0.0%	0.0%
6-Jun	29	1	30	96.7%	3.3%	54	1	55	0.0%	0.0%
7-Jun	10	0	10	100.0%	0.0%	64	1	65	0.0%	0.0%
8-Jun	0	0	0	0	0	64	1	65	0.0%	0.0%
9-Jun	0	0	0	0	0	64	1	65	0.0%	0.0%
10-Jun	106	1	107	99.1%	0.9%	170	2	172	0.0%	0.0%
11-Jun	88	0	88	100.0%	0.0%	258	2	260	0.1%	0.0%
12-Jun	125	0	125	100.0%	0.0%	383	2	385	0.1%	0.0%
13-Jun	18	0	18	100.0%	0.0%	401	2	403	0.1%	0.0%
14-Jun	97	3	100	97.0%	3.0%	498	5	503	0.1%	0.0%
15-Jun	52	2	54	96.3%	3.7%	550	7	557	0.1%	0.0%
16-Jun	175	5	180	97.2%	2.8%	725	12	737	0.1%	0.0%
17-Jun	551	14	565	97.5%	2.5%	1,276	26	1,302	0.3%	0.0%
18-Jun	251	11	262	95.8%	4.2%	1,527	37	1,564	0.3%	0.0%
19-Jun	469	15	484	96.9%	3.1%	1,996	52	2,048	0.4%	0.0%
20-Jun	662	23	685	96.6%	3.4%	2,658	75	2,733	0.5%	0.0%
21-Jun	704	40	744	94.6%	5.4%	3,362	115	3,477	0.7%	0.0%
22-Jun	2,013	205	2,218	90.8%	9.2%	5,375	320	5,695	1.1%	0.1%
23-Jun	1,707	112	1,819	93.8%	6.2%	7,082	432	7,514	1.4%	0.1%
24-Jun	1,984	165	2,149	92.3%	7.7%	9,066	597	9,663	1.8%	0.1%
25-Jun	2,457	118	2,575	95.4%	4.6%	11,523	715	12,238	2.3%	0.1%
26-Jun	2,561	187	2,748	93.2%	6.8%	14,084	902	14,986	2.8%	0.2%
27-Jun	3,602	116	3,718	96.9%	3.1%	17,686	1,018	18,704	3.5%	0.2%
28-Jun	4,926	415	5,341	92.2%	7.8%	22,612	1,433	24,045	4.5%	0.3%
29-Jun	1,705	148	1,853	92.0%	8.0%	24,317	1,581	25,898	4.9%	0.3%
30-Jun	2,906	180	3,086	94.2%	5.8%	27,223	1,761	28,984	5.4%	0.4%
1-Jul	15,123	957	16,080	94.0%	6.0%	42,346	2,718	45,064	8.5%	0.5%

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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	16,833	1,244	18,077	93.1%	6.9%	59,179	3,962	63,141	11.8%	0.8%
3-Jul	16,777	861	17,638	95.1%	4.9%	75,956	4,823	80,779	15.2%	1.0%
4-Jul	7,974	134	8,108	98.3%	1.7%	83,930	4,957	88,887	16.8%	1.0%
5-Jul	1,727	73	1,800	95.9%	4.1%	85,657	5,030	90,687	17.1%	1.0%
6-Jul	2,751	120	2,871	95.8%	4.2%	88,408	5,150	93,558	17.7%	1.0%
7-Jul	42,697	1,345	44,042	96.9%	3.1%	131,105	6,495	137,600	26.2%	1.3%
8-Jul	15,144	1,497	16,641	91.0%	9.0%	146,249	7,992	154,241	29.2%	1.6%
9-Jul	13,352	1,007	14,359	93.0%	7.0%	159,601	8,999	168,600	31.9%	1.8%
10-Jul	29,094	2,697	31,791	91.5%	8.5%	188,695	11,696	200,391	37.7%	2.3%
11-Jul	8,028	651	8,679	92.5%	7.5%	196,723	12,347	209,070	39.3%	2.5%
12-Jul	6,824	1,335	8,159	83.6%	16.4%	203,547	13,682	217,229	40.7%	2.7%
13-Jul	3,782	1,104	4,886	77.4%	22.6%	207,329	14,786	222,115	41.5%	3.0%
14-Jul	2,335	798	3,133	74.5%	25.5%	209,664	15,584	225,248	41.9%	3.1%
15-Jul	6,240	1,757	7,997	78.0%	22.0%	215,904	17,341	233,245	43.2%	3.5%
16-Jul	5,035	1,432	6,467	77.9%	22.1%	220,939	18,773	239,712	44.2%	3.8%
17-Jul	3,076	1,012	4,088	75.2%	24.8%	224,015	19,785	243,800	44.8%	4.0%
18-Jul	4,487	1,851	6,338	70.8%	29.2%	228,502	21,636	250,138	45.7%	4.3%
19-Jul	2,836	1,501	4,337	65.4%	34.6%	231,338	23,137	254,475	46.3%	4.6%
20-Jul	1,437	909	2,346	61.3%	38.7%	232,775	24,046	256,821	46.6%	4.8%
21-Jul	1,704	774	2,478	68.8%	31.2%	234,479	24,820	259,299	46.9%	5.0%
22-Jul	3,816	991	4,807	79.4%	20.6%	238,295	25,811	264,106	47.7%	5.2%
23-Jul	3,912	678	4,590	85.2%	14.8%	242,207	26,489	268,696	48.4%	5.3%
24-Jul	5,018	1,092	6,110	82.1%	17.9%	247,225	27,581	274,806	49.4%	5.5%
25-Jul	1,089	374	1,463	74.4%	25.6%	248,314	27,955	276,269	49.7%	5.6%
26-Jul	2,967	998	3,965	74.8%	25.2%	251,281	28,953	280,234	50.3%	5.8%
27-Jul	4,809	994	5,803	82.9%	17.1%	256,090	29,947	286,037	51.2%	6.0%
28-Jul	1,444	694	2,138	67.5%	32.5%	257,534	30,641	288,175	51.5%	6.1%
29-Jul	3,842	1,297	5,139	74.8%	25.2%	261,376	31,938	293,314	52.3%	6.4%
30-Jul	2,745	895	3,640	75.4%	24.6%	264,121	32,833	296,954	52.8%	6.6%
31-Jul	1,833	411	2,244	81.7%	18.3%	265,954	33,244	299,198	53.2%	6.6%

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Table 17.–Page 3 of 3.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
1-Aug	7,834	2,171	10,005	78.3%	21.7%	273,788	35,415	309,203	54.8%	7.1%
2-Aug	6,867	1,025	7,892	87.0%	13.0%	280,655	36,440	317,095	56.1%	7.3%
3-Aug	5,927	883	6,810	87.0%	13.0%	286,582	37,323	323,905	57.3%	7.5%
4-Aug	6,823	1,075	7,898	86.4%	13.6%	293,405	38,398	331,803	58.7%	7.7%
5-Aug	4,973	805	5,778	86.1%	13.9%	298,378	39,203	337,581	59.7%	7.8%
6-Aug	4,236	709	4,945	85.7%	14.3%	302,614	39,912	342,526	60.5%	8.0%
7-Aug	435	107	542	80.3%	19.7%	303,049	40,019	343,068	60.6%	8.0%
8-Aug	91	36	127	71.7%	28.3%	303,140	40,055	343,195	60.6%	8.0%
9-Aug	5,230	504	5,734	91.2%	8.8%	308,370	40,559	348,929	61.7%	8.1%
10-Aug	12,433	637	13,070	95.1%	4.9%	320,803	41,196	361,999	64.2%	8.2%
11-Aug	7,893	328	8,221	96.0%	4.0%	328,696	41,524	370,220	65.7%	8.3%
12-Aug	4,299	225	4,524	95.0%	5.0%	332,995	41,749	374,744	66.6%	8.3%
13-Aug	15,030	516	15,546	96.7%	3.3%	348,025	42,265	390,290	69.6%	8.5%
14-Aug	28,946	548	29,494	98.1%	1.9%	376,971	42,813	419,784	75.4%	8.6%
15-Aug	9,218	247	9,465	97.4%	2.6%	386,189	43,060	429,249	77.2%	8.6%
16-Aug	4,688	94	4,782	98.0%	2.0%	390,877	43,154	434,031	78.2%	8.6%
17-Aug	3,524	212	3,736	94.3%	5.7%	394,401	43,366	437,767	78.9%	8.7%
18-Aug	9,023	267	9,290	97.1%	2.9%	403,424	43,633	447,057	80.7%	8.7%
19-Aug	2,097	65	2,162	97.0%	3.0%	405,521	43,698	449,219	81.1%	8.7%
20-Aug	6,511	175	6,686	97.4%	2.6%	412,032	43,873	455,905	82.4%	8.8%
21-Aug	2,687	180	2,867	93.7%	6.3%	414,719	44,053	458,772	82.9%	8.8%
22-Aug	981	90	1,071	91.6%	8.4%	415,700	44,143	459,843	83.1%	8.8%
23-Aug	2,600	77	2,677	97.1%	2.9%	418,300	44,220	462,520	83.7%	8.8%
24-Aug	6,430	102	6,532	98.4%	1.6%	424,730	44,322	469,052	84.9%	8.9%
Total	424,730	44,322	469,052							
Post-weir escapement estimate			30,948 <sup>a</sup>							
Total estimated escapement			500,000							

<sup>a</sup> 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, 2020.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
7-Jun	3	0	3	100.0%	0.0%	3	0	3	0.0%	0.0%
8-Jun	9	0	9	100.0%	0.0%	12	0	12	0.0%	0.0%
9-Jun	12	0	12	100.0%	0.0%	24	0	24	0.0%	0.0%
10-Jun	3	0	3	100.0%	0.0%	27	0	27	0.0%	0.0%
11-Jun	5	0	5	100.0%	0.0%	32	0	32	0.1%	0.0%
12-Jun	14	1	15	93.3%	6.7%	46	1	47	0.1%	0.0%
13-Jun	1	0	1	100.0%	0.0%	47	1	48	0.1%	0.0%
14-Jun	75	1	76	98.7%	1.3%	122	2	124	0.2%	0.0%
15-Jun	56	0	56	100.0%	0.0%	178	2	180	0.3%	0.0%
16-Jun	10	1	11	90.9%	9.1%	188	3	191	0.3%	0.0%
17-Jun	73	0	73	100.0%	0.0%	261	3	264	0.5%	0.0%
18-Jun	164	2	166	98.8%	1.2%	425	5	430	0.8%	0.0%
19-Jun	126	4	130	96.9%	3.1%	551	9	560	1.0%	0.0%
20-Jun	36	3	39	92.3%	7.7%	587	12	599	1.1%	0.0%
21-Jun	150	0	150	100.0%	0.0%	737	12	749	1.3%	0.0%
22-Jun	98	1	99	99.0%	1.0%	835	13	848	1.5%	0.0%
23-Jun	137	15	152	90.1%	9.9%	972	28	1,000	1.7%	0.1%
24-Jun	1,046	50	1,096	95.4%	4.6%	2,018	78	2,096	3.6%	0.1%
25-Jun	610	24	634	96.2%	3.8%	2,628	102	2,730	4.7%	0.2%
26-Jun	1,239	103	1,342	92.3%	7.7%	3,867	205	4,072	6.9%	0.4%
27-Jun <sup>a</sup>	920	26	946	97.3%	2.7%	4,787	231	5,018	8.6%	0.4%
28-Jun <sup>a</sup>	1,000	0	1,000	100.0%	0.0%	5,787	231	6,018	10.4%	0.4%
29-Jun <sup>a</sup>	866	24	890	97.3%	2.7%	6,653	255	6,908	11.9%	0.5%
30-Jun	1,079	26	1,105	97.6%	2.4%	7,732	281	8,013	13.8%	0.5%
1-Jul	2,761	40	2,801	98.6%	1.4%	10,493	321	10,814	18.8%	0.6%
2-Jul	5,029	248	5,277	95.3%	4.7%	15,522	569	16,091	27.8%	1.0%
3-Jul	5,623	88	5,711	98.5%	1.5%	21,145	657	21,802	37.8%	1.2%
4-Jul	3,154	12	3,166	99.6%	0.4%	24,299	669	24,968	43.5%	1.2%
5-Jul	1,485	12	1,497	99.2%	0.8%	25,784	681	26,465	46.1%	1.2%
6-Jul	884	28	912	96.9%	3.1%	26,668	709	27,377	47.7%	1.3%
7-Jul	2,251	47	2,298	98.0%	2.0%	28,919	756	29,675	51.7%	1.4%

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Table 18.—Page 2 of 2.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
8-Jul	3,546	52	3,598	98.6%	1.4%	32,465	808	33,273	58.1%	1.4%
9-Jul	841	1	842	99.9%	0.1%	33,306	809	34,115	59.6%	1.4%
10-Jul	3,281	35	3,316	98.9%	1.1%	36,587	844	37,431	65.5%	1.5%
11-Jul	5,875	87	5,962	98.5%	1.5%	42,462	931	43,393	76.0%	1.7%
12-Jul	1,830	45	1,875	97.6%	2.4%	44,292	976	45,268	79.2%	1.7%
13-Jul	3,053	174	3,227	94.6%	5.4%	47,345	1,150	48,495	84.7%	2.1%
14-Jul	2,299	118	2,417	95.1%	4.9%	49,644	1,268	50,912	88.8%	2.3%
15-Jul	1,964	81	2,045	96.0%	4.0%	51,608	1,349	52,957	92.3%	2.4%
16-Jul	969	42	1,011	95.8%	4.2%	52,577	1,391	53,968	94.1%	2.5%
17-Jul	664	35	699	95.0%	5.0%	53,241	1,426	54,667	95.2%	2.6%
18-Jul	696	29	725	96.0%	4.0%	53,937	1,455	55,392	96.5%	2.6%
19-Jul	485	21	506	95.8%	4.2%	54,422	1,476	55,898	97.4%	2.6%
Total	54,422	1,476	55,898							
Post-weir escapement estimate			4,102 <sup>b</sup>							
Total estimated escapement			60,000							

<sup>a</sup> Due to significant high-water events and inclement weather, these numbers are estimates.

<sup>b</sup> 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, 2020.

Date	Daily			Daily percent		Cumulative			Cumulative percent	
	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total	Adults	Jacks
3-Jun	6	0	6	100.0%	0.0%	6	0	6	0.0%	0.0%
4-Jun	163	5	168	97.0%	3.0%	169	5	174	0.4%	0.0%
5-Jun	141	7	148	95.3%	4.7%	310	12	322	0.8%	0.0%
6-Jun	0	0	0	0	0	310	12	322	0.8%	0.0%
7-Jun	173	2	175	98.9%	1.1%	483	14	497	1.2%	0.0%
8-Jun	193	2	195	99.0%	1.0%	676	16	692	1.7%	0.0%
9-Jun	77	0	77	100.0%	0.0%	753	16	769	1.9%	0.0%
10-Jun	99	3	102	97.1%	2.9%	852	19	871	2.1%	0.0%
11-Jun	127	4	131	96.9%	3.1%	979	23	1,002	2.4%	0.1%
12-Jun	231	2	233	99.1%	0.9%	1,210	25	1,235	3.0%	0.1%
13-Jun	30	1	31	96.8%	3.2%	1,240	26	1,266	3.1%	0.1%
14-Jun	124	3	127	97.6%	2.4%	1,364	29	1,393	3.4%	0.1%
15-Jun	119	3	122	97.5%	2.5%	1,483	32	1,515	3.7%	0.1%
16-Jun	41	0	41	100.0%	0.0%	1,524	32	1,556	3.8%	0.1%
17-Jun	68	8	76	89.5%	10.5%	1,592	40	1,632	4.0%	0.1%
18-Jun	181	3	184	98.4%	1.6%	1,773	43	1,816	4.4%	0.1%
19-Jun	416	0	416	100.0%	0.0%	2,189	43	2,232	5.5%	0.1%
20-Jun	601	7	608	98.8%	1.2%	2,790	50	2,840	7.0%	0.1%
21-Jun	895	9	904	99.0%	1.0%	3,685	59	3,744	9.2%	0.1%
22-Jun	996	7	1,003	99.3%	0.7%	4,681	66	4,747	11.7%	0.2%
23-Jun	1,067	5	1,072	99.5%	0.5%	5,748	71	5,819	14.4%	0.2%
24-Jun	193	1	194	99.5%	0.5%	5,941	72	6,013	14.8%	0.2%
25-Jun	562	6	568	98.9%	1.1%	6,503	78	6,581	16.2%	0.2%
26-Jun	706	4	710	99.4%	0.6%	7,209	82	7,291	18.0%	0.2%
27-Jun	2,004	27	2,031	98.7%	1.3%	9,213	109	9,322	23.0%	0.3%
28-Jun	808	6	814	99.3%	0.7%	10,021	115	10,136	25.0%	0.3%

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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	500	1	501	99.8%	0.2%	10,521	116	10,637	26.3%	0.3%
30-Jun	326	2	328	99.4%	0.6%	10,847	118	10,965	27.1%	0.3%
1-Jul	633	1	634	99.8%	0.2%	11,480	119	11,599	28.7%	0.3%
2-Jul	2,065	4	2,069	99.8%	0.2%	13,545	123	13,668	33.8%	0.3%
3-Jul	2,974	16	2,990	99.5%	0.5%	16,519	139	16,658	41.3%	0.3%
4-Jul	2,996	1	2,997	100.0%	0.0%	19,515	140	19,655	48.8%	0.3%
5-Jul	1,571	4	1,575	99.7%	0.3%	21,086	144	21,230	52.7%	0.4%
6-Jul	1,645	3	1,648	99.8%	0.2%	22,731	147	22,878	56.8%	0.4%
7-Jul	2,351	22	2,373	99.1%	0.9%	25,082	169	25,251	62.7%	0.4%
8-Jul	3,279	31	3,310	99.1%	0.9%	28,361	200	28,561	70.9%	0.5%
9-Jul	2,357	21	2,378	99.1%	0.9%	30,718	221	30,939	76.8%	0.6%
10-Jul	2,148	16	2,164	99.3%	0.7%	32,866	237	33,103	82.1%	0.6%
11-Jul	1,876	13	1,889	99.3%	0.7%	34,742	250	34,992	86.8%	0.6%
12-Jul	1,147	6	1,153	99.5%	0.5%	35,889	256	36,145	89.7%	0.6%
13-Jul	1,209	6	1,215	99.5%	0.5%	37,098	262	37,360	92.7%	0.7%
14-Jul	804	1	805	99.9%	0.1%	37,902	263	38,165	94.7%	0.7%
15-Jul	552	2	554	99.6%	0.4%	38,454	265	38,719	96.1%	0.7%
16-Jul	394	0	394	100.0%	0.0%	38,848	265	39,113	97.1%	0.7%
17-Jul	164	0	164	100.0%	0.0%	39,012	265	39,277	97.5%	0.7%
18-Jul	318	1	319	99.7%	0.3%	39,330	266	39,596	98.3%	0.7%
19-Jul	267	1	268	99.6%	0.4%	39,597	267	39,864	98.9%	0.7%
20-Jul	153	2	155	98.7%	1.3%	39,750	269	40,019	99.3%	0.7%
Total	39,597	267	40,019							
Post-weir escapement estimate			981 <sup>a</sup>							
Estimated total escapement			41,000							

<sup>a</sup> 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, 2020.

Catch date	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
8-Jun	3	3	25	156	0	0	0
9-Jun thru 10-Jun <sup>a</sup>	—	—	—	—	—	—	—
11-Jun thru 13-Jun <sup>b</sup>	—	—	—	—	—	—	—
14-Jun <sup>c</sup>	—	—	—	—	—	—	—
15-Jun	9	9	14	366	0	0	0
16-Jun	9	9	32	462	0	0	0
17-Jun	11	18	33	1,858	0	0	1
18-Jun <sup>a</sup>	—	—	—	—	—	—	—
19-Jun thru 20-Jun <sup>b</sup>	—	—	—	—	—	—	—
21-Jun <sup>c</sup>	—	—	—	—	—	—	—
22-Jun	11	11	26	1452	0	0	4
23-Jun	13	13	52	2,224	0	0	0
24-Jun	14	14	32	1,915	0	0	62
25-Jun	13	14	35	1,332	0	0	0
26-Jun	95	105	83	17,993	0	0	173
27-Jun	95	105	89	15,090	0	8	90
28-Jun <sup>b</sup>	—	—	—	—	—	—	—
29-Jun	14	14	37	2,332	0	0	1
30-Jun	14	14	50	2,882	0	0	103
1-Jul	17	27	47	5,174	0	0	75
2-Jul	99	106	43	39,638	0	5	122
3-Jul	103	143	48	68,688	0	0	207
4-Jul	76	81	17	53,069	0	0	437
5-Jul <sup>b</sup>	—	—	—	—	—	—	—
6-Jul	34	38	104	24,346	2	0	67
7-Jul	39	41	77	27,240	0	1	1,903
8-Jul	130	163	48	143,132	0	11	3,261
9-Jul	119	201	37	246,209	0	13	916
10-Jul	74	82	46	68,025	0	5	254
11-Jul	139	164	49	76,839	0	9	213
12-Jul	76	83	12	42,754	1	28	166
13-Jul	147	203	35	110,721	11	79	5,691
14-Jul	101	108	16	57,338	2	10	2,746
15-Jul	134	163	19	59,740	5	20	3,252
16-Jul	102	120	14	28,315	1	32	159
17-Jul	104	134	16	48,117	46	62	254
18-Jul	106	138	12	43,612	85	38	131
19-Jul	51	66	0	23,357	25	87	219
20-Jul	124	135	3	40,870	104	75	8,424
21-Jul	120	173	5	87,093	511	817	2,105
22-Jul	87	109	3	48,086	272	359	3,213
23-Jul	76	87	1	28,064	120	267	285
24-Jul	91	120	4	37,392	632	606	323
25-Jul	94	107	0	36,717	380	590	372
26-Jul	53	56	0	21,907	193	154	265
27-Jul	101	131	8	37,856	730	771	4,276
28-Jul	70	78	1	24,253	281	171	1,517
29-Jul	37	37	0	12,641	141	99	137
30-Jul	5	5	0	533	0	1	655

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Table 20.—Page 2 of 2.

Catch date	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
31-Jul	6	6	0	508	0	5	1
1-Aug	9	10	0	729	2	2	5
2-Aug	3	3	0	330	0	4	11
3-Aug	34	37	0	9,949	556	5,315	1,547
4-Aug	40	40	0	7,704	481	3,235	4,783
5-Aug <sup>c</sup>	—	—	—	—	—	—	—
6-Aug <sup>a</sup>	—	—	—	—	—	—	—
7-Aug <sup>c</sup>	—	—	—	—	—	—	—
8-Aug	4	4	0	135	1	2	1
9-Aug <sup>a</sup>	—	—	—	—	—	—	—
10-Aug	8	8	0	1,438	6	30	49
11-Aug	15	15	0	1,241	344	1,290	1,345
12-Aug	10	10	0	1,186	146	187	1,928
13-Aug	89	90	0	12,661	1,137	685	3,216
14-Aug	53	62	0	6,828	368	251	101
15-Aug	52	53	0	13,387	1,531	2,050	282
16-Aug	44	52	3	14,806	1,010	2,323	136
17-Aug	61	65	0	9,177	1,551	1,452	80
18-Aug	41	44	0	6,390	1,176	1,484	27
19-Aug	41	51	2	7,181	1,457	1,233	165
20-Aug	33	35	0	4,911	951	624	31
21-Aug	51	68	0	16,777	3,652	2,252	80
22-Aug	28	28	0	3,480	823	454	10
23-Aug	14	16	0	3,698	287	194	22
24-Aug	21	21	0	5,494	1,464	488	21
25-Aug	28	38	0	19,481	5,588	1,627	46
26-Aug	17	20	0	6,862	647	341	28
27-Aug	12	12	0	1,679	645	52	0
28-Aug	7	7	0	1,321	399	52	4
29-Aug	8	8	0	3,584	340	19	10
30-Aug thru 31-Aug <sup>c</sup>	—	—	—	—	—	—	—
1-Sep	30	32	0	9,491	1,514	209	43
2-Sep	19	20	0	7,978	1,218	114	51
3-Sep	13	14	0	1,938	1,571	25	14
4-Sep	14	16	1	4,157	1,582	93	19
5-Sep	13	13	0	991	906	14	4
6-Sep <sup>a</sup>	—	—	—	—	—	—	—
7-Sep <sup>b</sup>	—	—	—	—	—	—	—
8-Sep	13	13	1	1,084	2,668	28	12
9-Sep	13	14	0	1,863	3,964	23	1
10-Sep	13	14	0	983	2,483	2	0
11-Sep	10	10	0	160	1,984	0	0
12-Sep	9	9	0	85	1,904	0	0
13-Sep <sup>a</sup>	—	—	—	—	—	—	—
Total <sup>d</sup>	175	4,399	1,223	1,780,175	48,176	30,481	56,152

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

<sup>a</sup> Confidential.

<sup>b</sup> No effort.

<sup>c</sup> Closed.

<sup>d</sup> Aggregates include confidential harvests.

Table 21.—North Peninsula salmon harvest by district, statistical area, and section, 2020.

Statistical		Number of fish					
area	Section	Chinook	Sockeye	Coho	Pink	Chum	Total
Northwestern District							
311-20	Dublin Bay Section <sup>a</sup>	0	0	0	0	0	0
311-32	Urilia Bay Section <sup>a</sup>	0	0	0	0	0	0
311-52	Swanson Lagoon Section <sup>a</sup>	0	0	0	0	0	0
311-60	Bechevin Bay Section <sup>a, b</sup>	0	0	0	0	0	0
311-58	Cape Krenitzen to Cape Glazenap	0	8,276	223	2,142	2,766	13,407
312-10	Cape Glazenap to Moffet Point	1	2,140	314	1,771	1,095	5,321
312-20	Izembek Lagoon	0	1,593	0	144	9,422	11,159
312-40	Moffet Bay	3	4,621	194	994	29,845	35,657
Izembek–Moffet Bay Section total		4	16,630	731	5,051	43,128	65,544
Northwestern District total		4	16,630	731	5,051	43,128	65,544
Northern District							
313-10	Black Hills Section	0	10,687	859	6,026	1,334	18,906
313-20	Caribou Flats Section <sup>c</sup>	—	—	—	—	—	—
313-30	Nelson Lagoon Section	699	92,040	18,838	0	34	111,611
314-12	Port Moller Bight Section <sup>d</sup>	—	—	—	—	—	—
314-20	Herendeen Bay <sup>d</sup>	—	—	—	—	—	—
314-30	Moller Bay <sup>d</sup>	—	—	—	—	—	—
Herendeen–Moller Bay Section total <sup>d</sup>		—	—	—	—	—	—
315-11	Bear River	31	123,025	3,660	1,948	1,025	129,689
315-20	Muddy River	12	68,435	1,102	780	526	70,855
Bear River Section total		43	191,460	4,762	2,728	1,551	200,544
316-10	Three Hills Section	39	201,935	3,912	3,414	1,943	211,243
316-20	Southwest Ilnik	3	133,390	12,228	10,267	1,440	157,328
316-22	Ilnik Lagoon <sup>d</sup>	—	—	—	—	—	—
316-25	Northeast Ilnik	34	340,003	6,378	2,719	1,561	350,695
Ilnik Section total		37	473,393	18,606	12,986	3,001	508,023
317-10	Outer Port Heiden Section	321	787,771	429	112	2,399	791,032
317-20	Inner Port Heiden Section <sup>a</sup>	0	0	0	0	0	0
318-20	Cinder River Section <sup>a</sup>	0	0	0	0	0	0
Northern District total <sup>c</sup>		1,219	1,763,545	47,445	25,430	13,024	1,841,359
North Peninsula total <sup>c</sup>		1,223	1,780,175	48,176	30,481	56,152	1,916,207

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

<sup>a</sup> There was no commercial salmon harvest effort in this section in 2020.

<sup>b</sup> The Bechevin Bay Section is only part of the North Peninsula post June; there was no commercial fishing effort during this time period.

<sup>c</sup> The Caribou Flat Section is closed to commercial salmon fishing.

<sup>d</sup> Confidentiality rules prohibit the release of this information.

<sup>e</sup> Totals include information not provided due to confidentiality requirements.

Table 22.—Northwestern District sockeye salmon runs (number of fish), 1962–2020.

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

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Table 22.—Page 2 of 5.

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

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Table 22.—Page 3 of 5.

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

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Table 22.–Page 4 of 5.

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

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Table 22.—Page 5 of 5.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Urilia Bays & Swanson Lagoon <sup>a,b</sup>	Northwestern District total
2014	Catch	33,908	3,424	37,332
	Escapement <sup>c</sup>	15,050	35,600	50,650
	Total	48,958	39,024	87,982
2015	Catch	31,705	0	31,705
	Escapement <sup>c</sup>	16,260	56,200	72,460
	Total	47,965	56,200	104,165
2016	Catch	39,598	0	39,598
	Escapement <sup>c</sup>	12,700	127,800	140,500
	Total	52,298	127,800	180,098
2017	Catch	25,335	63,678	89,013
	Escapement <sup>c</sup>	11,000	296,462	307,462
	Total	36,335	360,140	396,475
2018	Catch	7,181	0	7,181
	Escapement <sup>c</sup>	13,425	30,600	44,025
	Total	20,606	30,600	51,206
2019	Catch	4,486	1,130	5,616
	Escapement <sup>c</sup>	28,600	53,300	81,900
	Total	33,086	54,430	87,516
2020	Catch	16,630	0	16,630
	Escapement <sup>c</sup>	27,300	23,900	51,200
	Total	43,930	23,900	67,830
2010–2019 average				
	Catch	26,388	10,295	36,683
	Escapement <sup>c</sup>	16,441	75,266	91,707
	Total	42,829	85,561	128,390

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

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

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

<sup>c</sup> Escapements are estimated totals.

Table 23.—Emergency order summary for the North Alaska Peninsula commercial salmon fishery, 2020

Emergency Order #	Issued:	Effective:	Action Taken:
Port Moller – 1	June 14	6:00 a.m. June 15	<u>Closure:</u> The Bear River Section will close to commercial salmon fishing from 6:00 a.m. Monday, June 15, until further notice.
Port Moller – 2	June 21	6:00 a.m. June 22	<u>Closure:</u> The Three Hills, Ilnik, and Outer Port Heiden Sections will close to commercial salmon fishing from 6:00 a.m. Monday, June 22, until further notice.
Port Moller – 3	June 24	6:00 a.m. June 26	<u>Fishing Period:</u> The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Friday, June 26, until 6:00 p.m. Sunday, June 28.
Port Moller – 4	June 28	6:00 a.m. June 29	<u>Closure:</u> The Outer Port Heiden Section will remain closed to commercial salmon fishing from 6:00 a.m. Monday, June 29, until further notice.
Port Moller – 5	July 1	6:00 a.m. July 2	<u>Fishing Period:</u> The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Thursday, July 2, until 6:00 p.m. Saturday, July 4.
Port Moller – 6	July 2	6:00 p.m. July 2	<u>Fishing Period:</u> The Herendeen Moller Bay Section will open to commercial salmon fishing from 6:00 p.m. Thursday, July 2, until 6:00 a.m. Monday, July 6.
Port Moller – 7	July 5	6:00 a.m. July 5	<u>Closure:</u> The Outer Port Heiden Section will remain closed to commercial salmon fishing from 6:00 a.m. Monday, July 6, until further notice.
Port Moller – 8	July 7	6:00 a.m. July 8	<u>Fishing Period:</u> The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Wednesday, July 8, until 6:00 p.m. Friday, July 10.  <u>Closed Waters:</u> That portion of the Bear River Section located southwest of a 280° bearing perpendicular to the beach at the 2,000-yard regulatory marker at the Sandy River located at 56° 15.26 N. lat, 160° 22.53' W long will be closed to commercial salmon fishing from 6:00 a.m. Wednesday, July 8, until 6:00 p.m. Friday, July 10. That portion of the Three Hills Section located east of 159° 54.00' W long will be closed to commercial salmon fishing from 6:00 a.m. Wednesday, July 8, until further notice.

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Table 23.–Page 2 of 6.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 8 (continued)	July 7	6:00 a.m. July 8	<u>Fishing Period:</u> The Bear River Section will open to commercial salmon fishing from 6:00 a.m. Wednesday, July 8, until 6:00 p.m. Friday, July 10. The Three Hills Section will open to commercial salmon fishing from 6:00 a.m. Wednesday, July 8, until 6:00 p.m. Friday, July 10.
Port Moller – 9	July 8	6:00 a.m. July 9	<u>Closed Waters:</u> The commercial salmon fishing season in that portion of the Bear River Section located southwest of a 280° bearing perpendicular to the beach at the 2,000-yard regulatory marker at the Sandy River located at 56° 15.26 N lat, 160° 22.53' W long will open to commercial salmon fishing from 6:00 a.m. Thursday, July 9, until further notice. All closed waters in the Bear River Section will be as noted in regulation effective at 6:00 a.m. Thursday, July 9, until further notice. Those closed waters are: Frank's Lagoon at 500 yards, King Salmon at 1,000 yards, Bear River at 1,000 yards, and Sandy River at 2,000 yards.
Port Moller – 10	July 9	6:00 p.m. July 9	<u>Extension:</u> The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00 pm. Thursday, July 9, until 6:00 p.m. Friday, July 10.  <u>Extension:</u> The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Thursday, July 9, until 6:00 p.m. Friday, July 10.
Port Moller – 11	July 10	6:00 a.m. July 13	<u>Closed Waters:</u> The commercial salmon fishing season in that portion of the Ilnik Section located west of 159° 22.00' W long will close to commercial salmon fishing from 6:00 p.m. Friday, July 10, until further notice.  <u>Fishing Period:</u> The Ilnik Section will open to commercial salmon fishing from 6:00 p.m. Friday, July 10, until 6:00 a.m. Monday, July 13.  <u>Extension:</u> The Port Moller Bight and Bear River Sections, and that portion of the Three Hills Section west of 159° 54.00' W long. will remain open to commercial salmon fishing from 6:00 p.m. Friday, July 10, until 6:00 a.m. Monday, July 13.

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Table 23.–Page 3 of 6.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 12	July 11	11:59 p.m. July 11	<u>Extension:</u> The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Saturday, July 11, until 6:00 a.m. Monday, July 13.
Port Moller – 13	July 12	6:00 a.m. July 13	<p><u>Extension:</u> The Nelson Lagoon Section will remain open to commercial salmon fishing from 6:00 a.m. Monday, July 13, until 11:59 p.m. Thursday, July 16.</p> <p><u>Fishing Period:</u> The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Monday, July 13, until 6:00 p.m. Wednesday, July 15.</p> <p><u>Fishing Period:</u> The Ilnik Section will remain open to commercial salmon fishing from 6:00 a.m. Monday, July 13, until 6:00 p.m. Tuesday, July 14.</p> <p><u>Extension:</u> The Port Moller Bight and Bear River Sections, and that portion of the Three Hills Section west of 159° 54.00' W. long will remain open to commercial salmon fishing from 6:00 a.m. Monday, July 13, until 6:00 p.m. Thursday, July 16.</p>
Port Moller – 14	July 14	6:00 p.m. July 14	<u>Closure:</u> The Ilnik Section will close to commercial salmon fishing from 6:00 p.m. Tuesday, July 14, until further notice.
Port Moller – 15	July 15	6:00 a.m. July 16	<p><u>Extension:</u> The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Thursday, July 16, until 11:59 p.m. Saturday, July 18.</p> <p><u>Fishing Period:</u> The Ilnik Section will open to commercial salmon fishing from 6:00 a.m. Thursday, July 16, until 6:00 p.m. Saturday, July 18.</p> <p><u>Extension:</u> The Port Moller Bight and Bear River Sections, and that portion of the Three Hills Section west of 159° 54.00' W long will remain open to commercial salmon fishing from 6:00 p.m. Thursday, July 16, until 6:00 p.m. Saturday, July 18.</p>
Port Moller – 16	July 18	6:00 a.m. July 16	<p><u>Extension:</u> The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59 p.m. Saturday, July 18, until further notice.</p> <p><u>Extension:</u> The Ilnik Section will remain open to commercial salmon fishing from 6:00 a.m. Thursday, July 16, until 6:00 p.m. Saturday, July 18.</p>

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Table 23.–Page 4 of 6.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 17	July 21	6:00 p.m. July 21	<u>Fishing Period:</u> The Ilnik Section will open to commercial salmon fishing from 6:00 p.m. Monday, July 20, until 6:00 p.m. Wednesday, July 22.
Port Moller – 18	July 21	6:00 p.m. July 21	<u>Fishing Period:</u> The commercial salmon fishing season in that portion of the Ilnik Section located west of 159° 22.00' W long will open to commercial salmon fishing from 600 p.m. Tuesday, July 21, until further notice. The commercial salmon fishing season in that portion of the Three Hills Section located east of 159° 54.00' W, will open to commercial salmon fishing from 600 p.m. Tuesday, July 21, until further notice. The Ilnik Section will remain open to commercial salmon fishing from 6:00 p.m. Wednesday, July 22, until 6:00 p.m. Friday, July 24.
Port Moller – 19	July 24	6:00 p.m. July 24	<u>Extension:</u> The Ilnik Section will remain open to commercial salmon fishing from 6:00 p.m. Friday, July 24, until 6:00 p.m. Wednesday, July 29.
Port Moller – 20	July 25	6:00 p.m. July 30	<u>Fishing Period:</u> The Black Hills Section will open to commercial salmon fishing from 11:00 a.m. Saturday, July 25, until 6:00 p.m. Thursday, July 30.
Port Moller – 21	July 26	6:00 a.m. July 27	<u>Fishing Period:</u> The Outer Port Heiden Section will open to commercial salmon fishing from 6:00 a.m. Monday, July 27, until 6:00 p.m. Wednesday, July 29.
Port Moller – 22	July 22	6:00 p.m. July 29	<u>Closure:</u> The Bear River, Three Hills, Ilnik, and Outer Port Heiden Sections will close to commercial salmon fishing from 6:00 p.m. Wednesday, July 29, until further notice.  <u>Fishing Periods:</u> The waters of Herendeen Bay south of a line from Point Divide to Black Point will open to commercial salmon fishing from 6:00 a.m. Thursday, July 30, until 6:00 p.m. Saturday, August 1.

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Table 23.–Page 5 of 6.

Emergency order #	Issued:	Effective:	Action taken:
Cold Bay – 02	3:00 p.m. August 20	6:00 a.m. August 22	<u>Fishing Period:</u> The Urilia Bay Section will open to commercial salmon fishing from 6:00 a.m. Saturday, July 25, until further notice.
Port Moller – 23	August 2	6:00 p.m. August 4	<p><u>Fishing Period:</u> The waters of Herendeen Bay south of a line from Point Divide to Black Point will open to commercial salmon fishing from 6:00 a.m. Tuesday, August 4, until 6:00 a.m. Thursday, August 6.</p> <p><u>Fishing Period:</u> The Black Hills Section will open to commercial salmon fishing from 6:00 a.m. Monday, August 3, until 6:00 p.m. Thursday, August 6.</p>
Port Moller – 24	August 8	6:00 a.m. August 9	<u>Fishing Period:</u> The waters of Herendeen Bay south of a line from Point Divide to Black Point will open to commercial salmon fishing from 6:00 a.m. Sunday, August 9, until 6:00 a.m. Tuesday, August 11.
Port Moller – 25	August 12	6:00 a.m. August 13	<p><u>Closed Waters:</u> The commercial salmon fishing season will be closed in that portion of the Bear River Section located from a 280° bearing perpendicular to the beach at the southern 1,000 yard regulatory marker at King Salmon River located at 56° 04.62' N lat and 160° 29.29' W long, to the Sandy River bluffs at 160° 19.64' W long from 6:00 a.m. Thursday, August 13, until further notice.</p> <p><u>Fishing Period:</u> The 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 13, until 6:00 p.m. Saturday, August 15.</p>
Port Moller – 25	9:00 a.m. July 18	6:00 p.m. July 18	<p><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.</p> <p>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.</p>

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Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 27	August 15	6:00 p.m. August 15	<p><u>Fishing Period:</u> The Bear River, Three Hills, and Ilnik Sections will remain open to commercial salmon fishing from 6:00 p.m. Saturday, August 15, until 6:00 p.m. Wednesday, August 19.</p> <p><u>Closed Waters:</u> As per previous news release closed waters at Bear River will be set at 1,000 yards from the stream terminus at the ocean shoreline until further notice.</p>
Port Moller – 28	August 19	6:00 p.m. August 19	<p><u>Fishing Period:</u> The Bear River, Three Hills, and Ilnik Sections will open to commercial salmon fishing from 6:00 p.m. Wednesday, August 19, until 6:00 p.m. Saturday, August 22.</p>
Port Moller – 29	August 22	6:00 p.m. August 22	<p><u>Closure:</u> The Ilnik Section will close to commercial salmon fishing at 6:00 p.m. Saturday, August 22.</p> <p><u>Fishing Period:</u> The Bear River and Three Hills Sections will remain open to commercial salmon fishing from 6:00 p.m. Saturday, August 22, until 6:00 p.m. Thursday, August 27. The Ilnik Section will open to commercial salmon fishing from 6:00 a.m. Monday, August 24, until 6:00 p.m. Thursday, August 27.</p>
Port Moller – 30	August 27	6:00 p.m. August 27	<p><u>Extension:</u> The Bear River and Three Hills Sections will remain open to commercial salmon fishing from 6:00 p.m. Thursday, August 27, until further notice. The Ilnik Section will remain open to commercial salmon fishing from 6:00 p.m. Thursday, August 27, until 6:00 p.m. Saturday, August 29.</p>
Port Moller – 31	September 2	6:00 p.m. September 2	<p><u>Extension:</u> The Ilnik Section will remain open to commercial salmon fishing from 6:00 p.m. Wednesday, September 2, until 6:00 p.m. Saturday, September 5.</p>



Table 24.—Nelson Lagoon Section salmon harvest by species and day, 2020.

Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
8-Jun <sup>b</sup>	3	3	25	156	0	0	0
9-Jun <sup>c</sup>	—	—	—	—	—	—	—
10-Jun <sup>c</sup>	—	—	—	—	—	—	—
11-Jun thru 14-Jun <sup>d</sup>	—	—	—	—	—	—	—
15-Jun	9	9	14	366	0	0	0
16-Jun	8	8	11	429	0	0	0
17-Jun	10	17	21	1,817	0	0	0
18-Jun <sup>c</sup>	0	—	—	—	—	—	—
19-Jun <sup>d</sup>	—	—	—	—	—	—	—
22-Jun	10	10	19	1,387	0	0	0
23-Jun	12	12	36	2,100	0	0	0
24-Jun	12	12	30	1,465	0	0	0
25-Jun	12	13	33	1,285	0	0	0
26-Jun <sup>d</sup>	—	—	—	—	—	—	—
29-Jun	13	13	35	2,285	0	0	0
30-Jun <sup>c</sup>	0	—	—	—	—	—	—
1-Jul	12	12	47	2,491	0	0	0
2-Jul	14	24	42	4,762	0	0	0
3-Jul thru 5-Jul <sup>d</sup>	—	—	—	—	—	—	—
6-Jul	17	21	103	3,295	0	0	0
7-Jul	18	20	75	6,228	0	0	0
8-Jul	17	17	28	6,566	0	0	0
9-Jul	18	20	28	7,962	0	0	0
10-Jul	20	20	38	8,597	0	0	0
11-Jul	17	18	31	4,090	0	0	0
12-Jul	15	15	8	2,601	0	0	0
13-Jul	16	16	14	2,643	0	0	0
14-Jul	16	16	4	1,355	0	0	0
15-Jul	10	10	7	1,286	0	0	0
16-Jul	14	14	3	1,340	0	0	0
17-Jul	14	14	8	1,626	0	0	0
18-Jul	13	15	7	1,726	0	0	0
19-Jul	13	13	0	1,853	0	0	0
20-Jul	15	15	1	2,226	0	0	0
21-Jul	13	13	1	1,870	0	0	0
22-Jul	9	9	0	1,942	0	0	0
23-Jul	8	8	0	1,674	0	0	0
24-Jul	11	12	1	1,976	0	0	0
25-Jul	11	11	0	2,024	0	0	0
26-Jul	10	10	0	1,160	0	0	0
27-Jul	8	8	0	1,037	0	0	0
28-Jul	6	6	0	639	0	0	0
29-Jul <sup>c</sup>	—	—	—	—	—	—	—

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Table 24.—Page 2 of 2.

Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
30-Jul	3	3	0	435	0	0	0
31-Jul	5	5	0	452	0	0	0
1-Aug	8	9	0	461	0	0	0
2-Aug <sup>c</sup>	—	—	—	—	—	—	—
3-Aug	8	8	0	631	0	0	7
4-Aug	9	9	0	835	4	0	17
5-Aug <sup>c</sup>	0	—	—	—	—	—	—
6-Aug <sup>c</sup>	—	—	—	—	—	—	—
7-Aug <sup>c</sup>	0	—	—	—	—	—	—
8-Aug	3	3	0	48	0	0	0
9-Aug <sup>c</sup>	—	—	—	—	—	—	—
10-Aug	4	4	0	143	0	0	0
11-Aug	6	6	0	570	76	0	0
12-Aug	5	5	0	607	74	0	0
13-Aug	7	8	0	658	146	0	0
14-Aug	7	7	0	584	103	0	0
15-Aug	6	6	0	327	85	0	0
16-Aug <sup>e</sup>	—	—	—	—	—	—	—
17-Aug	9	10	0	468	221	0	0
18-Aug <sup>e</sup>	0	—	—	—	—	—	—
19-Aug	5	5	0	118	208	0	0
20-Aug	5	5	0	86	104	0	0
21-Aug	7	7	0	86	171	0	0
22-Aug	4	4	0	25	93	0	0
23-Aug	3	3	0	0	21	0	0
24-Aug	4	4	0	6	120	0	0
25-Aug	5	5	0	18	470	0	0
26-Aug	5	5	0	2	298	0	0
27-Aug	9	9	0	15	560	0	0
28-Aug	4	4	0	9	298	0	0
30-Aug thru 1-Sep <sup>c</sup>	0	—	—	—	—	—	—
2-Sep	7	7	0	8	395	0	0
3-Sep	10	11	0	4	1,179	0	0
4-Sep	5	7	0	13	875	0	0
5-Sep	8	8	0	0	760	0	0
6-Sep <sup>c</sup>	—	—	—	—	—	—	—
7-Sep <sup>e</sup>	0	—	—	—	—	—	—
8-Sep	9	9	0	8	2,430	0	0
9-Sep	9	10	0	4	3,512	0	0
10-Sep	9	9	0	3	2,307	0	0
11-Sep	8	8	0	2	1,942	0	0
12-Sep	8	8	0	0	1,890	0	0
13-Sep <sup>c</sup>	—	—	—	—	—	—	—
Total	28	689	699	92,040	18,838	0	34

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

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

<sup>b</sup> No fishing effort occurred before this date.

<sup>c</sup> Confidential.

<sup>d</sup> Closed.

<sup>e</sup> No effort.

Table 25.—Bear River Section salmon harvest by species and day, 2020.

Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
8-Jul <sup>b</sup>	5	5	1	4,700	0	0	94
9-Jul <sup>c</sup>	—	—	—	—	—	—	—
10-Jul	17	17	6	15,529	0	0	8
11-Jul	22	37	10	19,478	0	0	142
12-Jul	5	5	0	1,561	0	28	72
13-Jul	26	41	7	18,888	1	38	153
14-Jul <sup>c</sup>	—	—	—	—	—	—	—
15-Jul	15	20	2	5,291	0	0	5
16-Jul	8	8	1	1,176	0	0	36
17-Jul	16	25	2	6,640	0	4	8
18-Jul <sup>c</sup>	—	—	—	—	—	—	—
19-Jul	13	22	0	8,763	0	2	21
20-Jul	6	6	0	2,159	0	0	23
21-Jul	13	14	1	8,959	5	90	109
22-Jul <sup>d</sup>	0	0	0	0	0	0	0
23-Jul	16	21	0	7,939	2	4	95
24-Jul <sup>d</sup>	0	0	0	0	0	0	0
25-Jul	10	12	0	4,862	0	26	64
26-Jul	6	6	0	3,044	2	18	20
27-Jul	5	5	0	1,503	0	4	30
28-Jul	10	11	0	4,254	8	25	54
29-Jul	9	9	0	2,609	9	34	60
30-Jul thru 12-Aug <sup>e</sup>	0	0	0	0	0	0	0
13-Aug	15	15	0	2,536	61	88	34
14-Aug	28	35	0	3,249	149	94	61
15-Aug	9	9	0	952	63	149	24
16-Aug	15	15	0	2,856	69	115	28
17-Aug	7	7	0	1,432	63	24	6
18-Aug	6	6	0	375	5	39	1
19-Aug	4	4	2	746	103	111	142
20-Aug	6	6	0	1,202	10	22	11
21-Aug	4	5	0	1,572	36	81	13
22-Aug	4	4	0	862	36	70	4
23-Aug	8	10	0	3,498	203	175	19
24-Aug <sup>c</sup>	—	—	—	—	—	—	—
25-Aug	13	17	0	11,358	816	607	29
26-Aug	12	15	0	6,860	349	341	28
27-Aug	3	3	0	1,664	85	52	0
28-Aug	3	3	0	1,312	101	52	4
29-Aug	6	6	0	3,584	302	19	10
30-Aug <sup>c</sup>	—	—	—	—	—	—	—
31-Aug <sup>c</sup>	—	—	—	—	—	—	—

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Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
1-Sep	13	15	0	8,020	356	135	25
2-Sep	11	12	0	7,018	730	90	43
3-Sep <sup>c</sup>	—	—	—	—	—	—	—
4-Sep	6	6	1	2,937	402	93	14
5-Sep	5	5	0	991	146	14	4
6-Sep	4	4	1	1,076	238	28	12
7-Sep <sup>c</sup>	—	—	—	—	—	—	—
8-Sep	4	5	0	980	176	2	0
9-Sep <sup>c</sup>	—	—	—	—	—	—	—
140-Sep <sup>c</sup>	—	—	—	—	—	—	—
Total <sup>f</sup>	81	486	43	191,460	4,762	2,728	1,551

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

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

<sup>b</sup> All harvests before this date are confidential.

<sup>c</sup> Confidential.

<sup>d</sup> No effort.

<sup>e</sup> Closed.

<sup>f</sup> Totals include information omitted due to confidentiality rules.

Table 26.—North Alaska Peninsula salmon test-fish and cost-recovery catches, 2001–2020.

Year	Number of fish					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 <sup>a</sup>	—	—	—	—	—	—
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
2020	0	1,738	9	32	37	1,816
2010–2019 average	0	4,710	13	41	201	4,966

*Note:* This table only includes test-fishery harvest from the local Port Moller test fishery.

<sup>a</sup> A test fishery did not occur in 2012.

Table 27.—Three Hills Section salmon harvest by species and day, 2020.

Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
8-Jul	39	53	10	44,851	0	8	203
9-Jul	5	5	0	3,775	0	0	48
10-Jul	14	16	1	11,211	0	5	135
11-Jul	7	8	0	4,773	0	0	36
12-Jul <sup>b</sup>	—	—	—	—	—	—	—
13-Jul	10	15	9	7,925	6	25	75
14-Jul	6	7	0	3,386	2	2	10
15-Jul	13	20	4	6,430	0	8	65
16-Jul	15	15	3	9,253	0	21	65
17-Jul	25	44	3	19,851	5	35	153
18-Jul <sup>b</sup>	—	—	—	—	—	—	—
19-Jul	12	17	0	9,005	10	68	149
20-Jul	9	9	0	5,257	14	38	111
21-Jul	33	36	2	25,847	156	305	420
22-Jul	7	8	0	4,108	22	2	61
23-Jul	5	5	1	3,448	0	4	6
24-Jul <sup>b</sup>	—	—	—	—	—	—	—
25-Jul	3	3	0	686	1	0	12
26-Jul	3	3	0	1,837	3	0	28
27-Jul	21	21	3	7,893	139	75	71
28-Jul <sup>b</sup>	—	—	—	—	—	—	—
29-Jul	9	9	0	3,902	42	22	27
30-Jul thru 12-Aug <sup>c</sup>	—	—	—	—	—	—	—
13-Aug	29	29	0	5,002	253	94	41
14-Aug	14	14	0	2,015	48	59	37
15-Aug	6	6	0	1,025	82	163	79
16-Aug	6	8	0	2,147	69	444	27
17-Aug	11	12	0	1,936	178	451	14
18-Aug	3	4	0	776	44	416	3
19-Aug	8	8	0	1,230	88	97	3
20-Aug	7	7	0	831	183	351	3
21-Aug	9	13	0	2,379	246	502	8
22-Aug	7	7	0	711	130	41	2
23-Aug	3	3	0	200	63	19	3
24-Aug	3	3	0	508	76	27	0
25-Aug thru 31-Aug <sup>d</sup>	—	—	—	—	—	—	—
1-Sep	7	7	0	1,460	977	74	18
2-Sep <sup>b</sup>	0	0	0	0	0	0	0
3-Sep <sup>b</sup>	0	0	0	0	0	0	0
4-Sep	3	3	0	1,207	305	0	5
5-Sep	0	0	0	0	0	0	0
9-Sep	3	3	0	1,572	365	23	1
Total <sup>d</sup>	104	430	39	201,935	3,912	3,414	1,943

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

<sup>a</sup> By regulation, the commercial fishing season for the Three Hills Section is June 25 through September 30.

<sup>b</sup> Confidential.

<sup>c</sup> No effort.

<sup>d</sup> Aggregates include information omitted due to confidentiality requirements.

Table 28.—Ilnik Section salmon harvest by species and day, 2020.

Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
9-Jul	12	12	1	14,930	0	8	34
10-Jul	12	15	0	12,718	0	0	88
11-Jul	96	100	8	48,325	0	9	31
12-Jul	53	57	3	34,629	1	0	65
13-Jul	9	9	0	2,781	0	0	19
14-Jul	15	16	3	9,943	0	1	44
15-Jul	8	8	0	1,844	5	11	21
16-Jul	67	80	7	16,232	1	9	48
17-Jul	50	50	2	19,940	41	19	89
18-Jul	90	119	5	40,588	85	35	123
19-Jul	13	13	0	3,676	15	17	41
20-Jul	27	31	1	10,937	30	6	40
21-Jul	39	43	0	20,771	116	104	158
22-Jul	62	66	1	29,768	200	325	385
23-Jul	49	52	0	14,889	118	257	184
24-Jul	79	107	2	35,329	632	606	321
25-Jul	69	79	0	28,932	379	555	279
26-Jul	33	34	0	15,118	177	128	217
27-Jul	72	75	1	22,194	462	293	191
28-Jul	34	36	0	14,072	208	69	64
29-Jul	18	18	0	5,910	90	43	50
30-Jul thru 12-Aug <sup>b</sup>	—	—	—	—	—	—	—
13-Aug	36	36	0	3732	618	213	75
14-Aug	5	5	0	675	65	85	0
15-Aug	30	30	0	10,827	1,298	1,703	168
16-Aug	24	29	3	9,803	872	1,764	81
17-Aug	34	35	0	5,313	1,053	941	24
18-Aug	32	34	0	5,239	1,127	1,029	23
19-Aug	24	34	0	5,087	1,058	1,025	20
20-Aug	16	16	0	2,768	654	248	17
21-Aug	34	42	0	12,643	3,160	1,644	59
22-Aug	13	13	0	1,882	564	343	4
23-Aug <sup>c</sup>	—	—	—	—	—	—	—
24-Aug	12	12	0	3,631	1,266	456	21
25-Aug	10	16	0	8,105	4,302	1,020	17
Total	119	1,323	37	473,393	18,606	12,986	3,001

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

<sup>a</sup> Prior to June 20, only Ilnik Lagoon is open to commercial salmon fishing in the Ilnik Section.

<sup>b</sup> Closed.

<sup>c</sup> The fishery was open but there was no effort due to weather conditions.

Table 29.—Outer Port Heiden Section salmon harvest by species and day, 2020.

Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
26-Jun	95	105	83	17,993	0	0	173
27-Jun	95	105	89	15,090	0	8	90
28-Jun <sup>b</sup>	—	—	—	—	—	—	—
29-Jun thru 1-Jul <sup>b</sup>	—	—	—	—	—	—	—
2-Jul	98	105	41	39,584	0	4	122
3-Jul	103	143	48	68,688	0	0	207
4-Jul	76	81	17	53,069	0	0	437
5-Jul thru 7-Jul <sup>b</sup>	—	—	—	—	—	—	—
8-Jul	91	120	10	127,257	0	3	219
9-Jul	93	160	8	215,013	0	5	355
10-Jul	13	13	1	19,887	0	0	11
11-Jul thru 12-Jul <sup>b</sup>	—	—	—	—	—	—	—
13-Jul	93	123	5	78,034	4	3	210
14-Jul	61	64	8	41,582	0	3	49
15-Jul	96	105	6	44,505	0	1	142
16-Jul thru 19-Jul <sup>b</sup>	—	—	—	—	—	—	—
20-Jul	67	71	1	17,967	57	6	97
21-Jul	53	64	1	28,830	139	26	147
22-Jul	22	24	2	11,732	50	8	68
23-Jul thru 26-Jul <sup>b</sup>	—	—	—	—	—	—	—
27-Jul	18	19	1	4,556	116	24	32
28-Jul	12	16	0	3,984	63	21	40
Total	114	1,318	321	787,771	429	112	2,399

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

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

<sup>b</sup> 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, 1978–2020.

Drift gillnet			Area M					Area T						
Year	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
1978 <sup>a</sup>	—	—	—	—	—	—	—	26	233	6,947	315	17,581	0	202
1979 <sup>a</sup>	—	—	—	—	—	—	—	21	976	4,493	340	13,203	0	5
1980 <sup>a</sup>	—	—	—	—	—	—	—	25	269	4,073	932	24,846	1	16
1981 <sup>a</sup>	—	—	—	—	—	—	—	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 <sup>a</sup>	—	—	—	—	—	—	—	24	162	1,141	1,366	17,341	0	32
1987 <sup>a</sup>	—	—	—	—	—	—	—	38	383	2,691	863	33,019	67	460
1988 <sup>a</sup>	—	—	—	—	—	—	—	46	407	4,936	3,155	40,956	6	2,857
1989 <sup>a</sup>	—	—	—	—	—	—	—	52	309	2,359	1,256	37,688	5	457
1990 <sup>a</sup>	—	—	—	—	—	—	—	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 <sup>a</sup>	—	—	—	—	—	—	—	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 <sup>a</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2003	0	0	0	0	0	0	0	4	4	0	0	2,072	0	0
2004 <sup>a</sup>	0	0	0	0	0	0	0	—	—	—	—	—	—	—
2005	0	0	0	0	0	0	0	10	17	266	1,921	2,122	0	7

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Table 30.—Page 2 of 3.

Drift gillnet (continued)														
Area M								Area T						
Year	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
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 <sup>a</sup>	—	—	—	—	—	—	—	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 <sup>a</sup>	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2014 <sup>a</sup>	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2016 <sup>a</sup>	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2017 <sup>a</sup>	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2018 <sup>a</sup>	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Set gillnet								Area T						
Year	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
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
1987 <sup>a</sup>	—	—	—	—	—	—	—	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

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Table 30.—Page 3 of 3.

Set gillnet		Area M						Area T						
Year	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
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 <sup>a</sup>	—	—	—	—	—	—	—	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 <sup>a</sup>	—	—	—	—	—	—	—	7	51	0	71	6,341	2	1
1999 <sup>a</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2000 <sup>a</sup>	—	—	—	—	—	—	—	3	6	0	0	787	3	0
2001 <sup>a</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2002 <sup>a</sup>	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2003 <sup>a</sup>	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2005 <sup>a</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2007 <sup>a</sup>	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2008 <sup>a</sup>	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2009 <sup>a</sup>	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
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018 <sup>a</sup>	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2019 <sup>a</sup>	—	—	—	—	—	—	—	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

<sup>a</sup> Confidentiality requirements prohibit releasing this information.

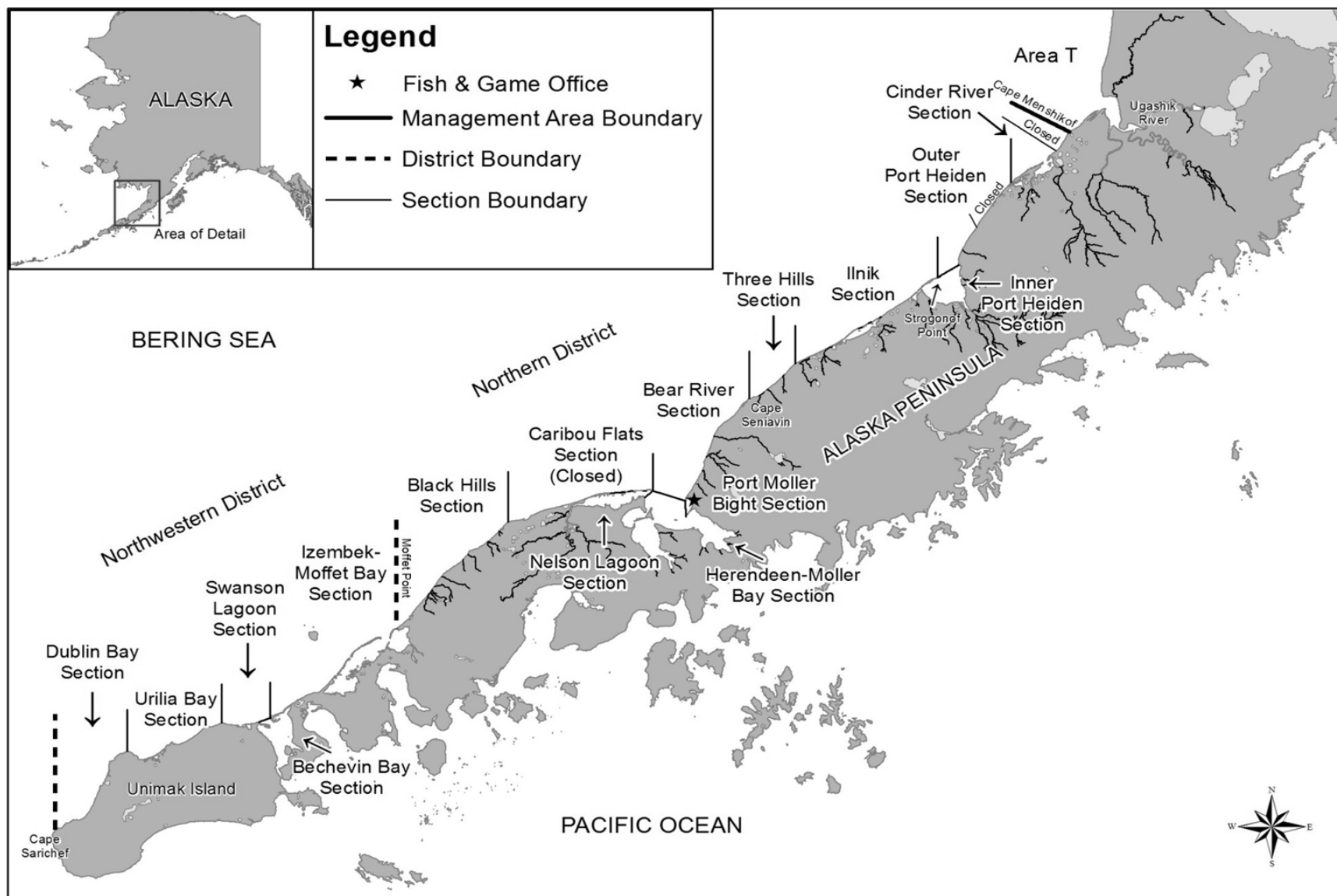


Figure 1.—Map of Alaska Peninsula with North Peninsula commercial salmon fishing districts.

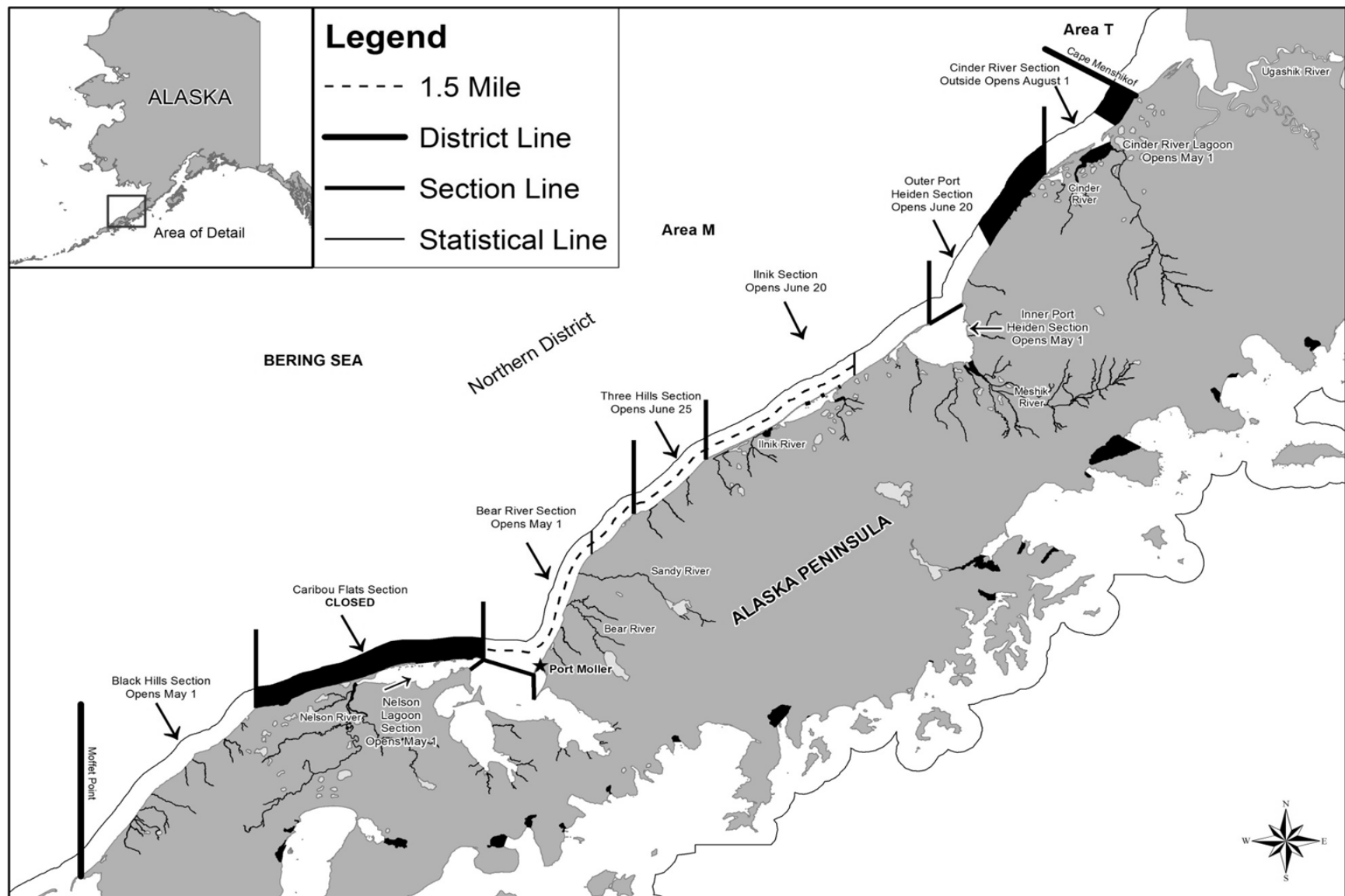


Figure 2.—North Alaska Peninsula from Moffet Point to Cape Menshikof, with selected commercial salmon fishing Sections, season opening dates, and major sockeye salmon systems.

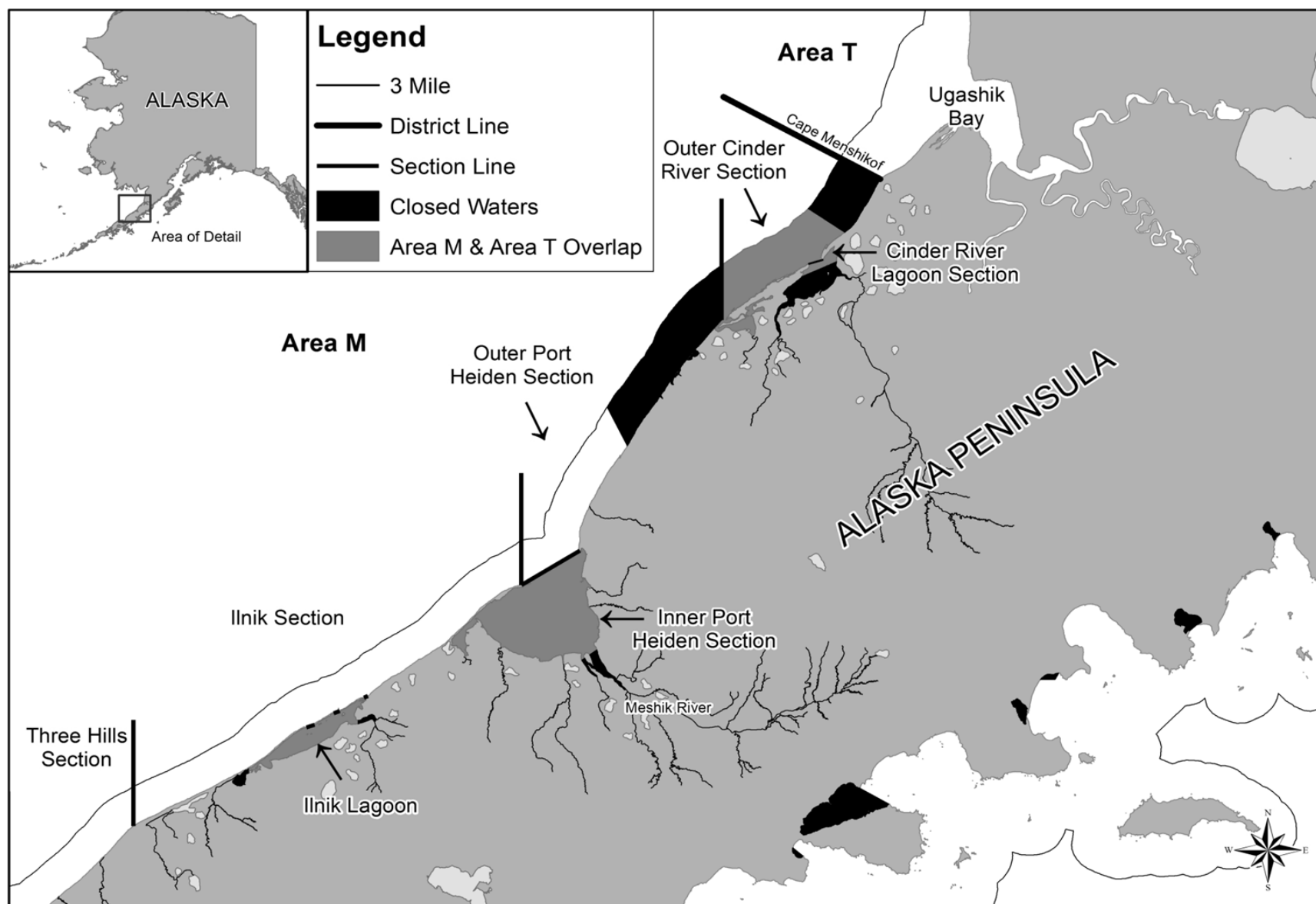


Figure 3.—Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.

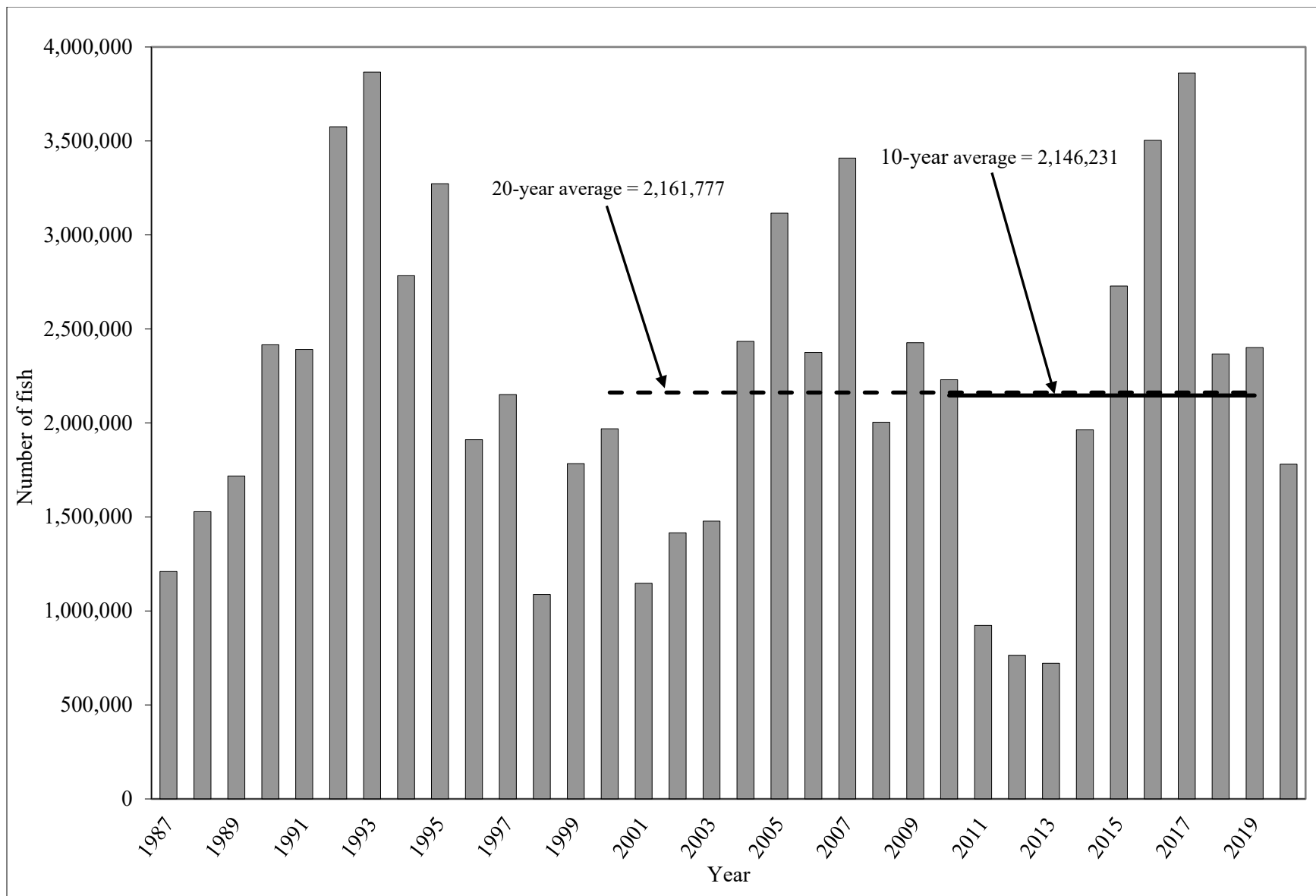


Figure 4.—North Alaska Peninsula commercial sockeye salmon harvest, 1987–2020.

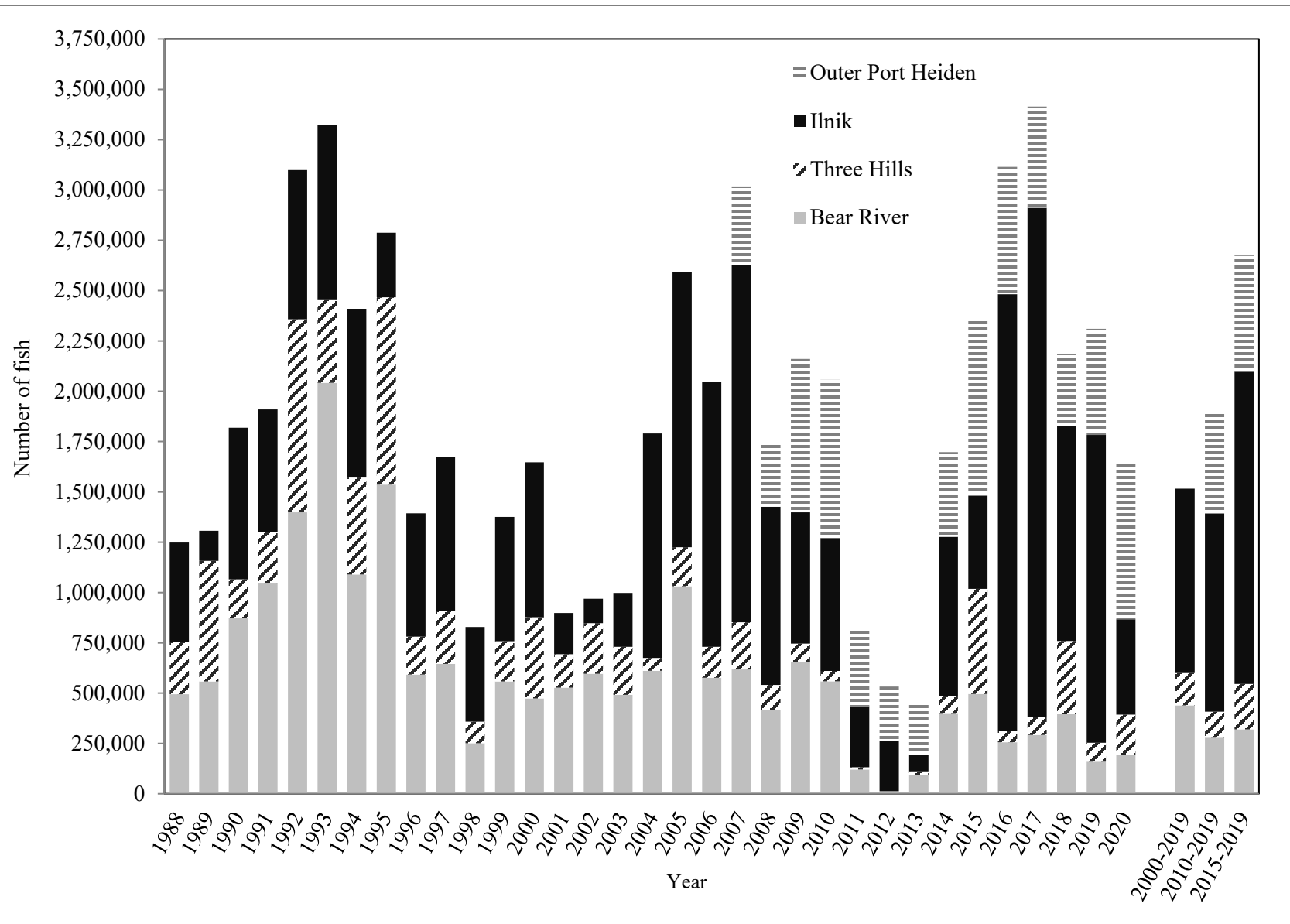


Figure 5.—Bear River, Three Hills, Ilnik, and Outer Port Heiden Sections commercial sockeye salmon harvest, 1988–2020.



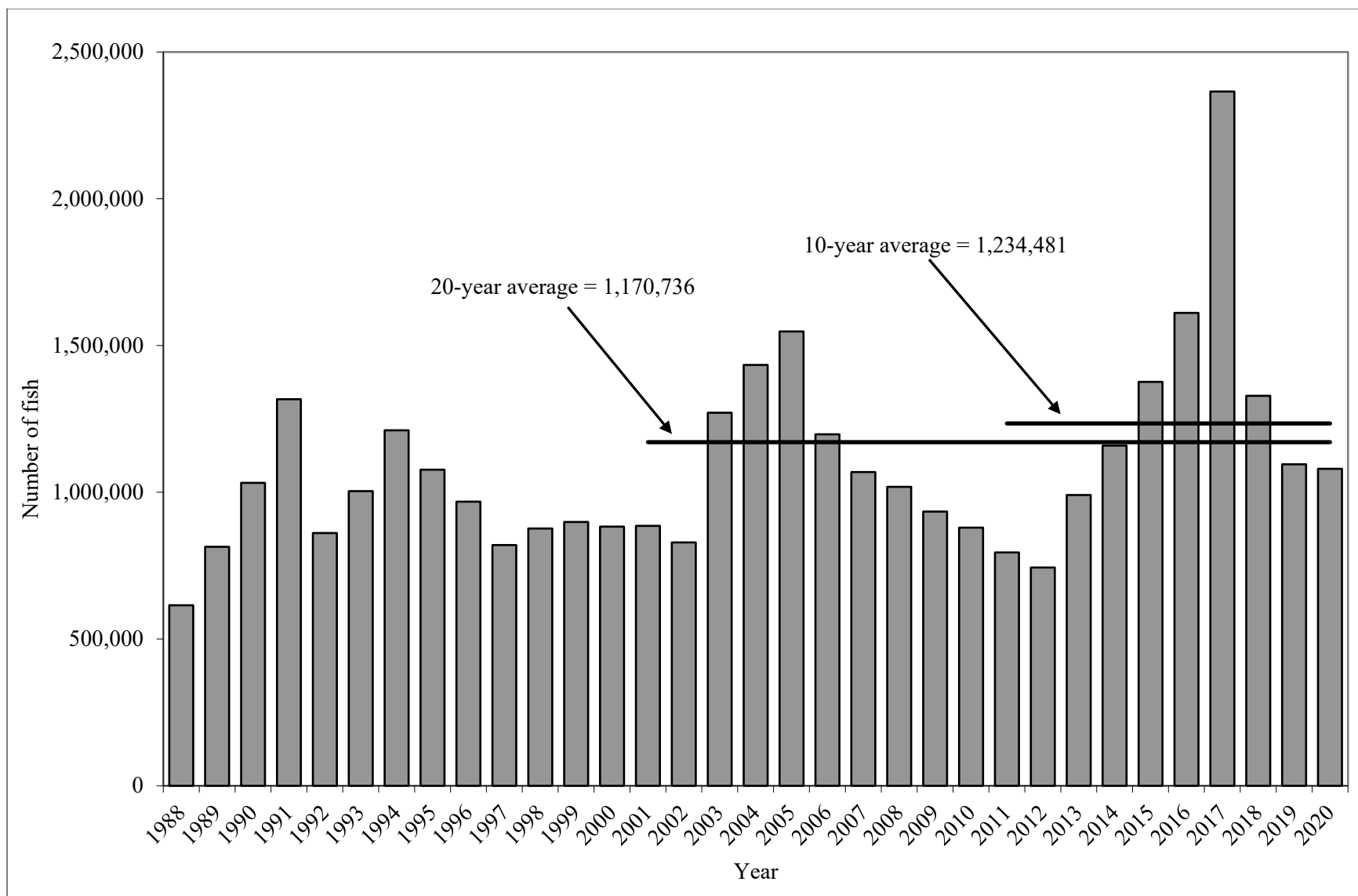


Figure 6.—North Alaska Peninsula sockeye salmon escapement, 1988–2020.

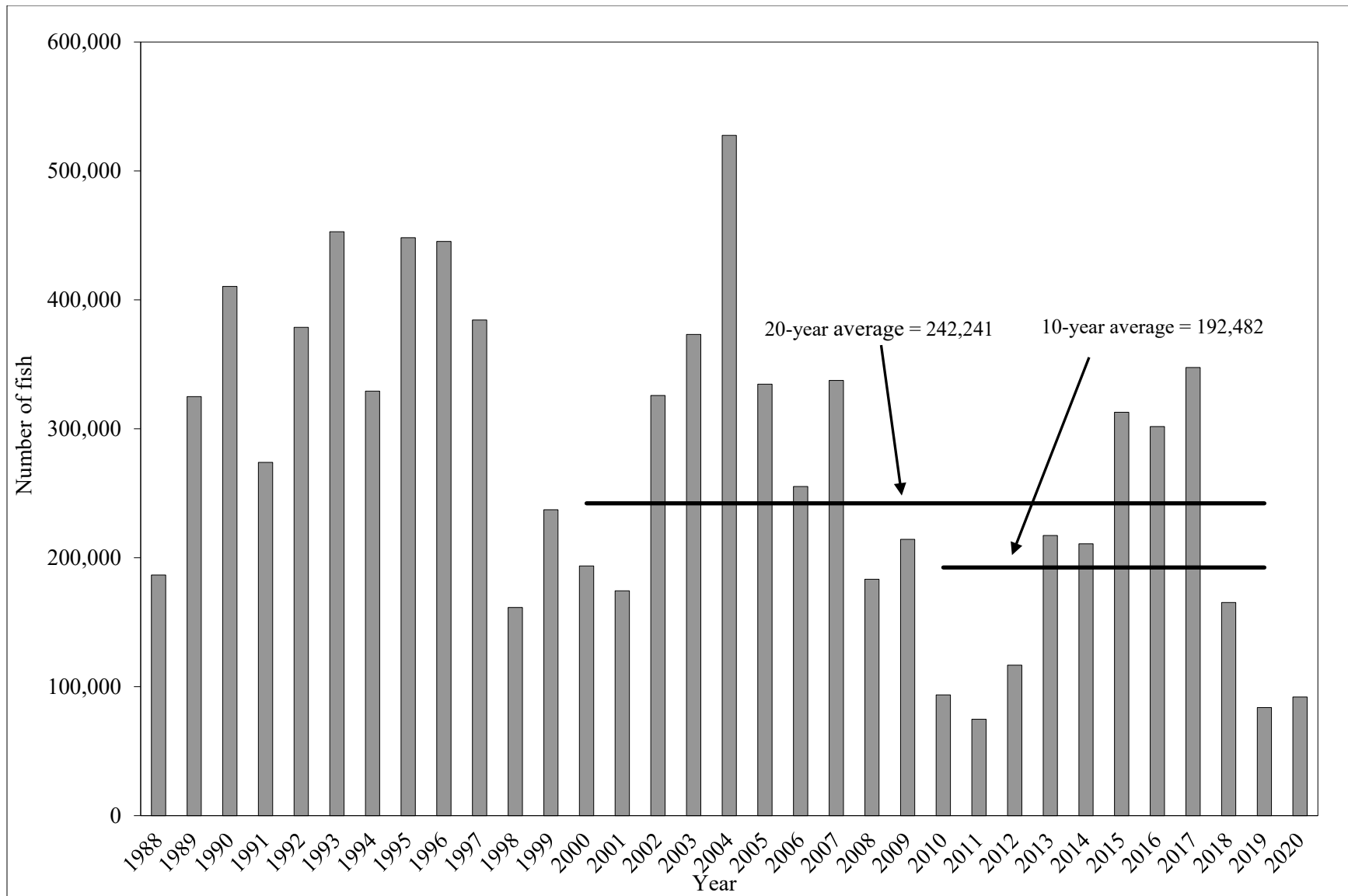


Figure 7.—Nelson Lagoon commercial sockeye salmon harvest, 1988–2020.

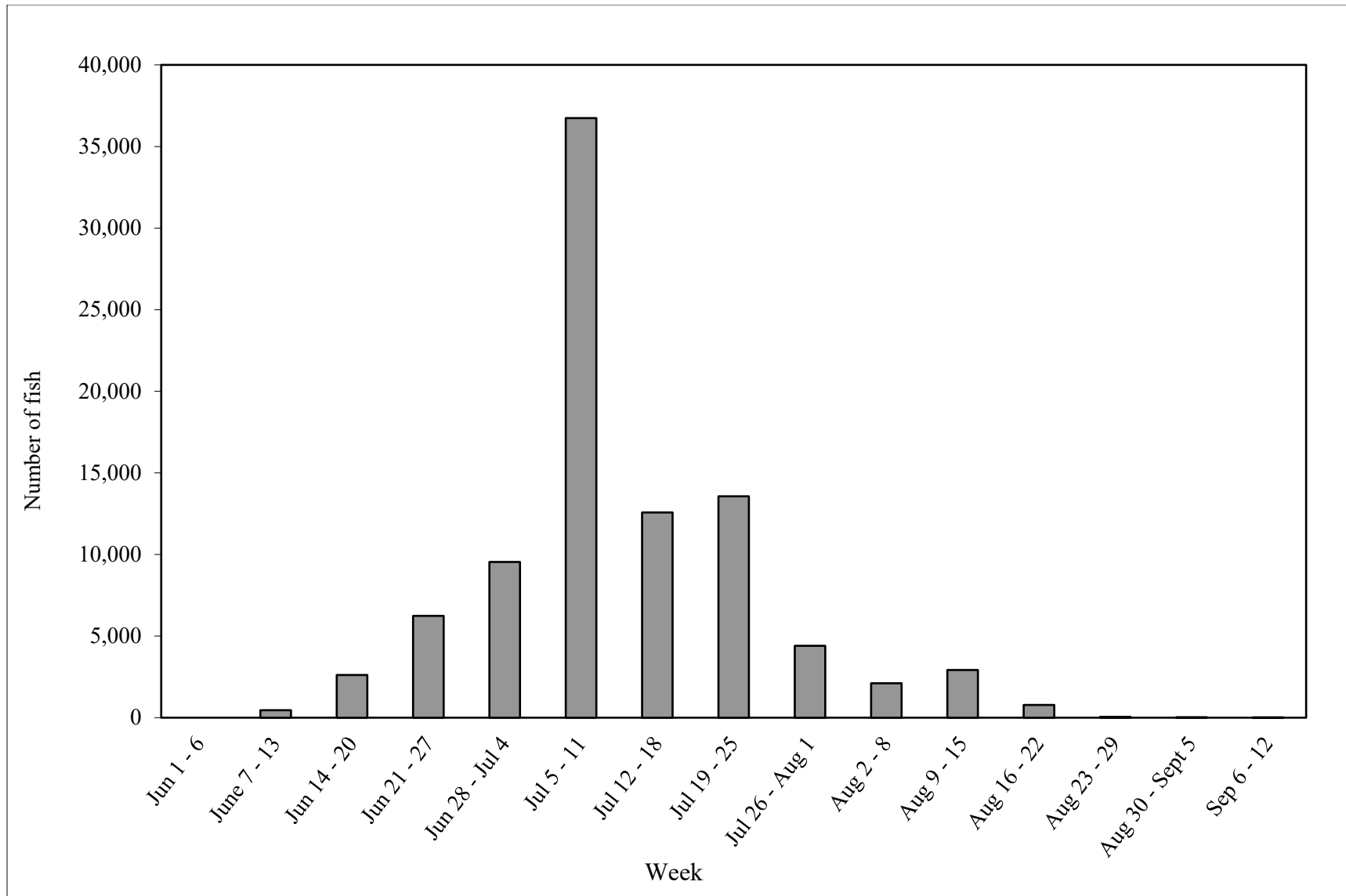


Figure 8.—Nelson Lagoon commercial sockeye salmon harvest by stat week, 2020.

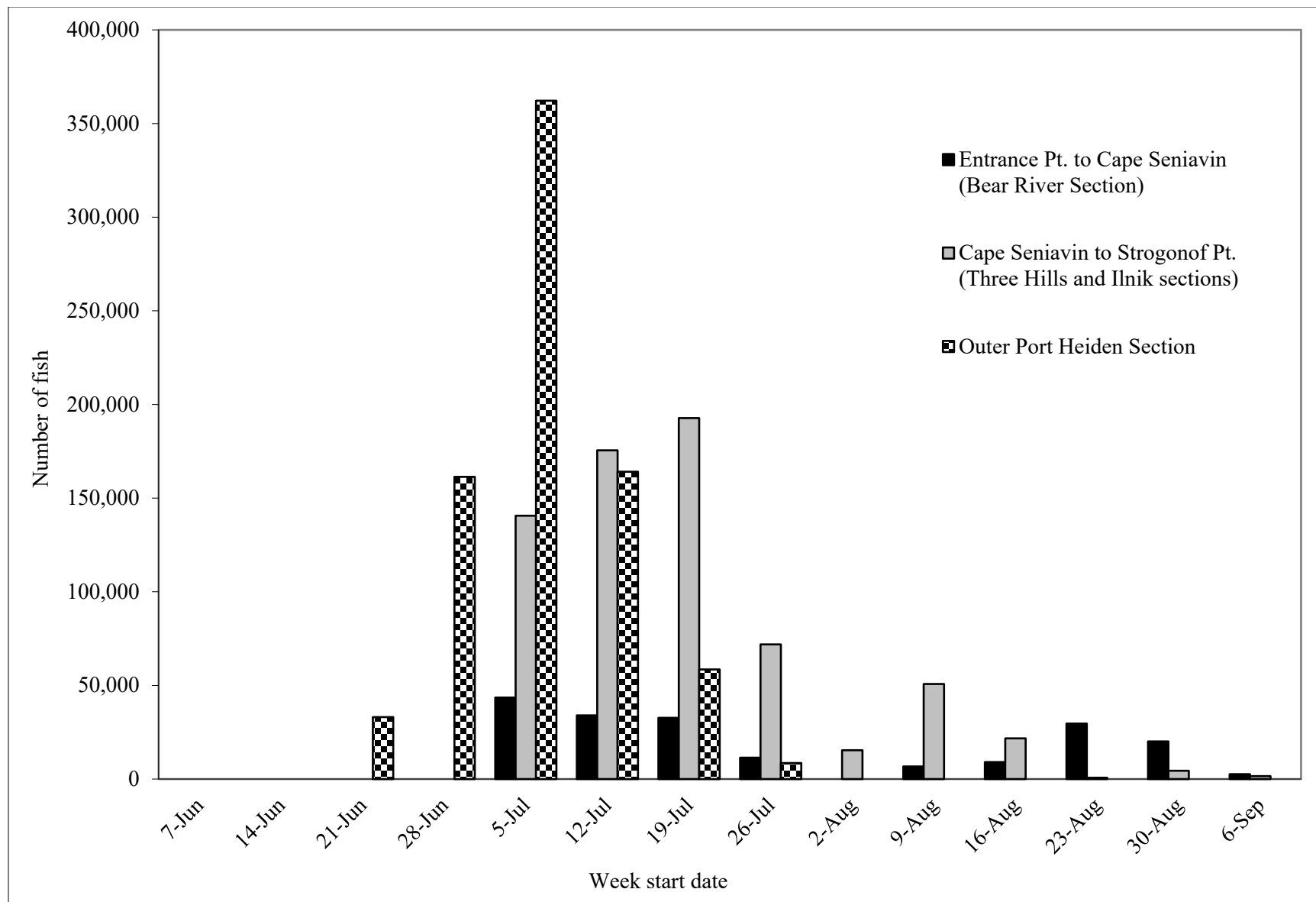


Figure 9.—Port Moller to Cape Seniavin, Cape Seniavin to Strogonof Point, and Outer Port Heiden sockeye salmon catch by stat week, 2020.

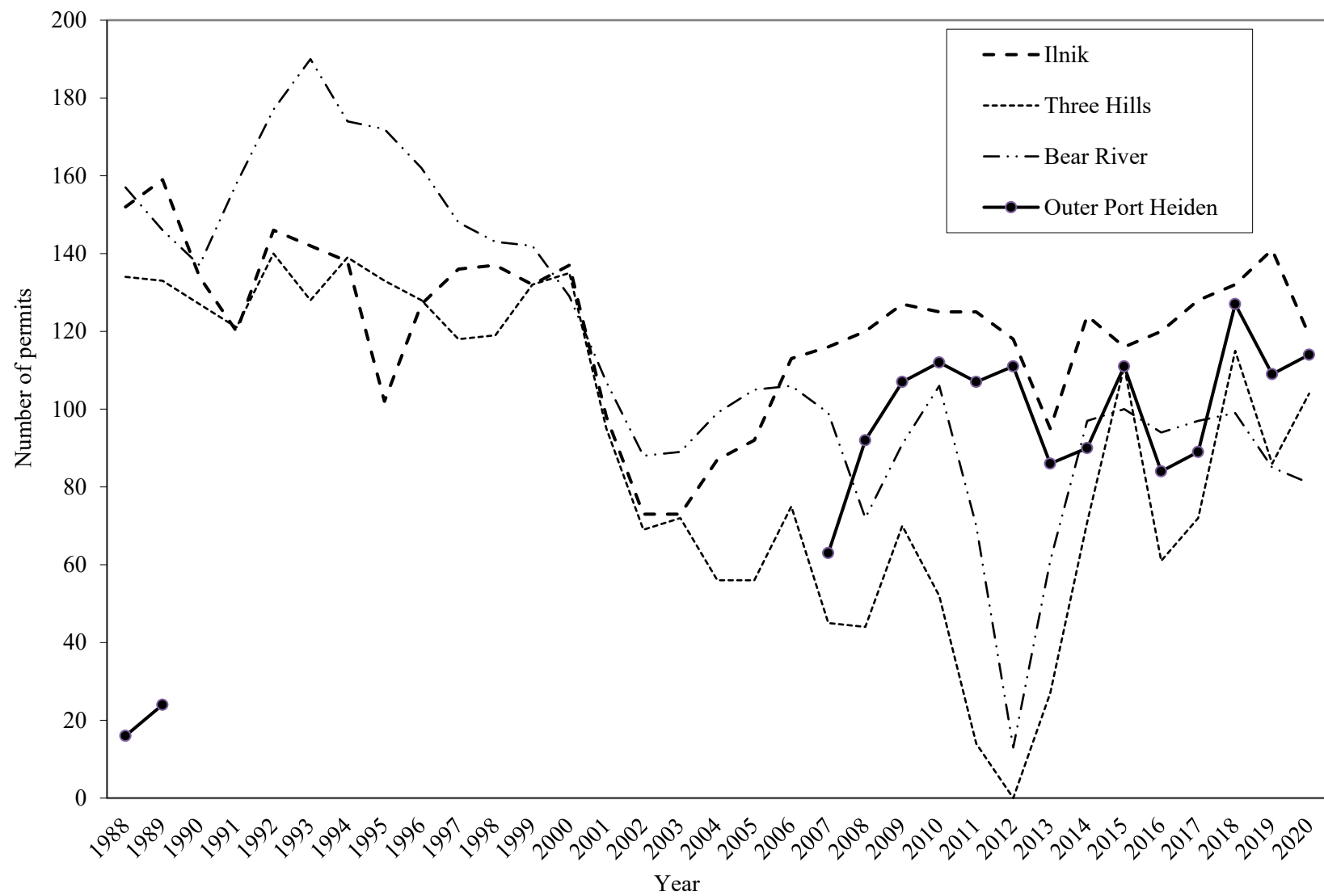


Figure 10.—Number of permits fished in the Ilnik, Three Hills, Bear River, and Outer Port Heiden Sections, 1988–2020.



**APPENDIX A. NORTH ALASKA PENINSULA SALMON  
ESCAPEMENT, 2020**

Appendix A1.–North Alaska Peninsula estimated total escapement for Chinook, sockeye, pink, and chum salmon, and peak escapement counts for coho salmon, 2020.

Northwestern District						
Stream #	Stream name	Number of salmon <sup>a</sup>				
		Chinook	Sockeye	Coho	Pink	Chum
Urilia Bay Section						
311-30.06	Divide Creek	0	0	0	0	0
311-30.07	Whaleback Mtn. Creek	0	22,800	0	0	0
311-30.08	Christianson Lagoon	0	0	0	0	0
Christianson Lagoon System total		0	22,800	0	0	0
311-30.09	Mudhole	0	500	0	0	0
311-30.10	Clear Lagoon	0	400	0	0	0
Peterson Lagoon System total		0	900	0	0	0
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	23,700	0	0	0
Swanson Lagoon Section						
311-50.01	Big River	0	0	0	0	0
311-50.02	Swanson Lagoon System	0	200	0	0	0
Total Swanson Lagoon Section		0	200	0	0	0
Bechevin Bay Section						
311-60.01	St. Catherine Cove	0	0	0	6,800	22,500
311-60.06	Anderson's Creek	0	0	0	800	100
311-60.07 & .08	Trader's Cove	0	0	0	18,500	6,900
311-60.12	Warm Springs Bay	0	0	0	0	0
311-60.13	Hungry's Creek	0	0	100	8,500	500
311-60.18	Lampsport Lagoon	0	0	0	0	0
Total Bechevin Bay Section		0	0	100	34,600	30,000
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	200	0	200
312-20.04	Third Bridge Creek	0	0	0	0	0
312-20.05	Frosty Creek	0	1,700	300	2,000	4,100
312-20.06	Blue Bill Lake	0	0	0	0	0
312-20.13	Outer Marker Lakes	0	0	0	0	0
312-20.51	Springs S Frosty Creek	0	600	0	0	500
312-20.52	Second Bridge Creek	0	0	0	0	0
Izembek Lagoon total		0	2,300	500	2,000	4,800
312-40.01	Joshua Green River	0	22,800	400	6,300	20,100
312-40.02	Moffet Springs Creek	0	0	0	500	1,800
312-40.03	Moffet Creek	0	2,200	0	3,300	5,400
312-40.04	Unnamed	0	0	0	0	0
312-40.05	Unnamed	0	0	0	0	0
Moffet Bay total		0	25,000	400	10,100	27,300
Total Izembek-Moffet Bay Section		0	27,300	900	12,100	32,100
Northwestern District total		0	51,200	1,000	46,700	62,100

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Appendix A1.–Page 2 of 4.

Northern District		Number of salmon <sup>a</sup>				
Stream #	Stream name	Chinook	Sockeye	Coho	Pink	Chum
Black Hills Section						
313-10.02	North Creek	0	8,200	0	0	0
313-10.05	Cathedral River	0	0	0	0	0
313-10.06	Russian (Trader Mtn.) River	0	0	0	0	400
313-10.09	AMOCO Airstrip Creek	0	0	0	800	1,200
313-10.11	Black Hills Creek	600	78	0	0	200
313-10.14	Steelhead Creek	600	1,200	0	0	4,000
313-10.15	Mainshak Creek	0	800	0	0	0
Total Black Hills Section		1,200	10,278	0	800	5,800
Nelson Lagoon Section						
313-30.01 & 04	David's River	0	8,000	0	0	0
313-30.02	Caribou River	0	28,000	0	0	0
313-30.03	Nelson (Sapsuk) River	2,498	185,000	23,000	112	44
Total Nelson Lagoon Section		2,498	221,000	23,000	112	44
Herendeen-Moller Bay Section						
314-20.02	Buck Valley	0	0	0	0	200
314-20.03	Doe Valley	0	0	0	0	100
314-20.04	Deer Valley	0	0	0	0	22,000
314-20.05	Portage Valley	0	0	0	0	0
314-20.06	Grass Valley	0	1,000	0	3,000	8,000
314-20.07	Lawrence Valley	25	800	0	10,000	24,000
314-20.08	Mine Harbor	0	0	0	0	200
314-20.09	Coal Creek	0	0	2,200	8,000	4,000
Herendeen Bay total		25	1,800	2,200	21,000	58,500
314-30.04	Mud Bay, west creek	0	0	0	1,000	1,000
314-30.05	Mud Bay, east creek	0	0	0	2,000	4,000
314-30.07	Right Head Bay, south creek	0	0	0	0	50
314-30.09	Right Head Bay, north creek	0	0	0	400	800
314-30.10	Left Head Creek	0	0	1,200	15,000	4,000
Moller Bay total		0	0	1,200	18,400	9,850
Total Herendeen-Moller Bay Section		25	1,800	3,400	39,400	68,350
Bear River Section						
315-10.01	Frank's Lagoon	0	0	2,800	5,000	3,000
315-10.02	King Salmon River	1,025	0	4,200	4,000	2,800
315-11.02	Bear River	38	500,000	0	485	62
315-12.01	Sandy River	99	60,000	0	135	9
Total Bear River Section		1,162	560,000	7,000	9,620	5,871
Three Hills Section						
316-10.01	Lime Creek	0	0	0	700	900
316-10.02	Mid Three Hills	0	0	0	1,200	800
316-10.04	SW Three Hills	0	2,300	0	0	4,000
Total Three Hills Section		0	2,300	0	1,900	5,700

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Appendix A1.–Page 3 of 4.

Northern District (continued)						
Stream #	Stream name	Number of salmon <sup>a</sup>				
		Chinook	Sockeye	Coho	Pink	Chum
Ilnik Section						
316-10.05	Ocean River/Wildman Lake	0	8,000	0	0	0
316-10.06	Willie Creek	0	39,000	0	0	0
316-20.01	Ilnik River	15	41,000	45,000	20	0
316-20.04	Unangashak River	0	0	10,000	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		15	41,000	55,000	20	0
Inner Port Heiden Section						
317-20.01	Unnamed, Port Heiden Area	0	0	0	0	0
317-20.02	Charles Creek	70	2,500	0	0	600
West Port Heiden Bay total		70	2,500	0	0	600
317-20.06	Highland Creek	0	1,200	0	0	0
317-20.04A & B	Red & Yellow Bluff Creeks	425	18,500	0	0	1,500
317-20.07 A	Meshik River, mainstem	325	9,800	25,000	15,000	4,600
317-20.07 B	Braided Creek	50	2,100	0	0	1,400
317-20.07 C	Landlocked Creek	200	3,000	7,000	0	1,400
317-20.07 D	Bluff Creek	0	0	0	0	0
317-20.07 E	Blue Violet Creek	500	18,000	1,000	0	1,300
317-20.07 F	Wolf Creek	0	1,300	0	0	200
317-20.07 G	Meshik River, G Creek	0	0	0	0	0
317-20.07 H	Shoe Creek	0	0	0	0	600
317-20.07 J	Meshik River, J Creek	0	0	0	0	0
317-20.07 K	Meshik River, K Creek	0	500	0	0	300
317-20.07 L	Meshik River, L Creek	100	5,500	0	0	3,200
317-20.07 M	Meshik River, M Creek	10	250	0	0	0
317-20.07 N	Meshik River, N Creek	0	200	0	0	50
317-20.07 O	Plenty Bear Creek	0	200	0	0	500
317-20.07 O-A	Paddle Creek	0	0	0	0	1,900
317-20.07 P	Waterfall Creek	0	0	0	0	0
317-20.07 R	Rainbow Creek	375	4,000	0	0	1,200
317-20.07 T	Cub Creek	0	0	0	0	1,500
Meshik River total		1,985	64,550	33,000	15,000	19,650
317-20.08	Birthday Creek	0	400	0	0	400
317-20.09	Barabara Creek	0	0	0	0	400
Total Inner Port Heiden Section		2,055	67,450	33,000	15,000	21,050
Outer Port Heiden section						
318-10.01	Reindeer Creek	75	900	0	0	2,200
Total Outer Port Heiden Section		75	900	0	0	2,200

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Appendix A1.–Page 4 of 4.

Northern District (continued)		Number of salmon <sup>a</sup>				
Stream #.	Stream name	Chinook	Sockeye	Coho	Pink	Chum
Cinder River Section						
318-20.01	SW of Mud Creek	0	0	0	0	1300
SW of Cinder River total		0	0	0	0	0
318-20.04	Mud Creek	0	24,800	26,000	600	2,400
318-20.06 A	Cinder River, mainstem	0	28,000	16,000	4,000	4,000
318-20.06 B	Cinder River, B Creek	0	0	0	0	200
318-20.06 C	Cinder River, C Creek	0	0	0	0	0
318-20.06 D	Lava Creek	1,200	35,000	0	0	1,900
318-20.06 E	High Creek	300	4,500	0	0	0
318-20.06 H	Meloy Creek	400	18,000	0	0	600
318-20.06 J	Wiggly Creek	1,300	10,000	0	0	0
318-20.06 K	Ray Creek	400	3,000	0	0	200
318-20.06 L	Cinder River, L Creek	125	700	0	0	500
318-20.06 P	Cinder River, P Creek	0	0	0	0	0
Cinder River total		3,725	124,000	42,000	4,600	9,800
Total Cinder River Section		3,725	124,000	42,000	4,600	9,800
Northern District total		10,755	1,028,728	163,400	71,452	118,815
Total North Peninsula		10,755	1,079,928	164,400	118,152	180,915

<sup>a</sup> 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, 2020.

Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
No Name 311-3005									
	5/29/2020	Stream	G	0	0	0	0	0	No fish, orientation flight.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
Divide Creek 311-3006									
	5/29/2020	Stream	G	0	0	0	0	0	No fish, orientation flight.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
Whaleback Mtn Creek 311-3007									
	5/29/2020	Stream	G	0	0	0	0	0	No fish, orientation flight.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	6/30/2020	Stream	G	0	4,800	0	0	0	
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	7/11/2020	Stream	G	0	11,400	0	0	0	
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	7/21/2020	Stream	E	0	22,500	0	0	0	A few were by the right fork entrance.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Tyler Lawson Aerial Survey	8/3/2020	Stream	G	0	22,800	0	0	0	
		Mouth	P	0	0	0	0	0	
		Bay	P	0	0	0	0	0	
Christianson Lagoon 311-3008									
Tyler Lawson Aerial Survey	5/29/2020	Stream	G	0	0	0	0	0	No fish, orientation flight.
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Tyler Lawson Aerial Survey	6/30/2020	Stream	G	0	0	0	0	0	
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Tyler Lawson Aerial Survey	7/11/2020	Stream	G	0	0	0	0	0	
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Tyler Lawson Aerial Survey	7/21/2020	Stream	E	0	0	0	0	0	
		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Tyler Lawson Aerial Survey	8/3/2020	Stream	E	0	0	0	0	0	
		Mouth	E	0	0	0	0	0	
		Bay	E	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Mud Hole 311-3009									
	5/29/2020	Stream	G	0	0	0	0	0	No fish, orientation flight.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	6/30/2020	Stream	G	0	0	0	0	0	Big ball of fish near mouth.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	7/11/2020	Stream	G	0	400	0	0	0	
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	7/21/2020	Stream	E	0	50	0	0	0	
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	8/3/2020	Stream	G	0	500	0	0	0	
Tyler Lawson		Mouth	F	0	0	0	0	0	
Aerial Survey		Bay	F	0	0	0	0	0	
Clear Lagoon 311-3010									
	5/29/2020	Stream	G	0	0	0	0	0	No fish, orientation flight.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	6/30/2020	Stream	G	0	0	0	0	0	
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Clear Lagoon 311-3010									
	7/11/2020	Stream	G	0	0	0	0	0	All fish were in a big ball out in the open lagoon.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	7/21/2020	Stream	E	0	200	0	0	0	
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	8/3/2020	Stream	E	0	400	0	0	0	
Tyler Lawson		Mouth	G	0	300	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
Emil's River 311-4001									
	5/29/2020	Stream	G	0	0	0	0	0	No fish, orientation flight.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
North Creek 311-4004									
	5/29/2020	Stream	G	0	0	0	0	0	No fish, orientation flight.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
Big River 311-5001									
	5/29/2020	Stream	G	0	0	0	0	0	No fish, orientation flight.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	

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Stream					Species					
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks	
Swanson Lagoon 311-5002										
	5/29/2020	Stream	G	0	0	0	0	0	No fish, orientation flight.	
Tyler Lawson		Mouth	G	0	0	0	0	0		
Aerial Survey		Bay	G	0	0	0	0	0		
	6/30/2020	Stream	G	0	0	0	0	0		
Tyler Lawson		Mouth	G	0	0	0	0	0		
Aerial Survey		Bay	G	0	0	0	0	0		
	7/11/2020	Stream	G	0	0	0	0	0		
Tyler Lawson		Mouth	G	0	0	0	0	0		
Aerial Survey		Bay	G	0	0	0	0	0		
	7/21/2020	Stream	E	0	0	0	0	0		
Tyler Lawson		Mouth	G	0	0	0	0	0		
Aerial Survey		Bay	G	0	0	0	0	0		
	8/3/2020	Stream	P	0	200	0	0	0	Poor vis. Saw some wiggles in the current.	
Tyler Lawson		Mouth	P	0	0	0	0	0		
Aerial Survey		Bay	F	0	0	0	0	0		
Mike's Valley 311-6001										
	5/29/2020	Stream	G	0	0	0	0	0	No fish, orientation flight.	
Tyler Lawson		Mouth	G	0	0	0	0	0		
Aerial Survey		Bay	G	0	0	0	0	0		
	6/30/2020	Stream	G	0	0	0	300	1,400	Some fish further upstream.	
Tyler Lawson		Mouth	G	0	0	0	0	0		
Aerial Survey		Bay	G	0	0	0	0	0		

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Mike's Valley 311-6001									
	7/11/2020	Stream	E	0	0	0	0	8,200	Fish were pretty far upstream.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	7/21/2020	Stream	E	0	0	0	2,000	11,800	
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	8/3/2020	Stream	F	0	0	0	6,500	16,300	2000 carcasses observed (part of the total reported).
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
Anderson's Creek 311-6006									
	7/28/2020	Stream	G	0	0	0	0	0	All in the salt.
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	1,000	0	
	8/3/2020	Stream	G	0	0	0	0	0	
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	8/10/2020	Stream	E	0	0	0	300	0	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/21/2020	Stream	F	0	0	0	800	100	
Tyler Lawson		Mouth	F	0	0	0	0	0	
Aerial Survey		Bay	F	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Trader's Cove South Trib 311-6007									
	7/28/2020	Stream	E	0	0	0	1600	0	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/3/2020	Stream	G	0	0	0	0	0	
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
	8/10/2020	Stream	E	0	0	0	6,290	0	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/21/2020	Stream	G	0	0	0	16,900	6,900	
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
Trader's Cove 311-6008									
	8/10/2020	Stream	E	0	0	0	300	0	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/21/2020	Stream	F	0	0	0	0	0	
Tyler Lawson		Mouth	F	0	0	0	0	0	
Aerial Survey		Bay	F	0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Warmsprings Bay 311-6012									
	7/28/2020	Stream	E	0	0	0	0	0	
Tyler Lawson		Mouth	E	0	0	0	300	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/3/2020	Stream	E	0	0	0	0	0	
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/21/2020	Stream	F	0	0	0	0	0	
Tyler Lawson		Mouth	F	0	0	0	0	0	
Aerial Survey		Bay	F	0	0	0	0	0	
Hungry's Creek 311-6013									
	7/28/2020	Stream	E	0	0	0	0	0	No fish, low water.
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
	8/3/2020	Stream	G	0	0	0	100	0	
Tyler Lawson		Mouth	F	0	0	0	0	0	
Aerial Survey		Bay	F	0	0	0	0	0	
	8/10/2020	Stream	E	0	0	0	300	0	Might have seen a few
Tyler Lawson		Mouth	E	0	0	0	0	0	sockeye in a tiny pond.
Aerial Survey		Bay	E	0	0	0	0	0	
	8/21/2020	Stream	F	0	0	100	8,500	500	
Tyler Lawson		Mouth	F	0	0	0	0	0	
Aerial Survey		Bay	F	0	0	0	0	0	

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Stream	Species								
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Norma Bay Lakes 312-2001									
	9/2/2020	Stream	F	0	0	0	0	0	
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
Mike's Duck Camp 312-2002									
	9/2/2020	Stream	E	0	0	0	0	0	0 fish, stream level seemed very low.
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
Alligator Hole, Ctr. 312-2003									
	9/2/2020	Stream	E	0	0	200	0	200	Stream level seemed very low.
Tyler Lawson		Mouth	E	0	0	0	0	0	
Aerial Survey		Bay	E	0	0	0	0	0	
Alligator Hole, East 312-2004									
	9/2/2020	Stream	G	0	0	0	0	0	0 fish, stream level seemed very low.
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	
Frosty Creek 312-2005									
	9/2/2020	Stream	G	0	1,700	300	2,000	4,200	100 chum carcasses observed (part of the total).
Tyler Lawson		Mouth	G	0	0	0	0	0	
Aerial Survey		Bay	G	0	0	0	0	0	

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Stream					Species					
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks	
Blue Bill Lake 312-2006										
	9/2/2020	Stream	P	0	0	0	0	0	0 fish.	
Tyler Lawson		Mouth	P	0	0	0	0	0		
Aerial Survey		Bay	P	0	0	0	0	0		
Outer Marker Lakes 312-2013										
	9/2/2020	Stream	P	0	0	0	0	0	0 fish, very poor visibility.	
Tyler Lawson		Mouth	P	0	0	0	0	0		
Aerial Survey		Bay	P	0	0	0	0	0		
Springs S Frosty Crk 312-2051										
	9/2/2020	Stream	G	0	600	0	0	500		
Tyler Lawson		Mouth	G	0	0	0	0	0		
Aerial Survey		Bay	G	0	0	0	0	0		
2nd W Of Frosty Crk 312-2052										
	9/2/2020	Stream	G	0	0	0	0	0	0 fish, stream level seemed very low.	
Tyler Lawson		Mouth	G	0	0	0	0	0		
Aerial Survey		Bay	G	0	0	0	0	0		
Joshua Green River 312-4001										
	7/21/2020	Stream	P	0	1,300	0	600	2,600	A- 800 red, 500 pink, 1600 chums. B- 500 red, 100 pink, 1000 chum. Poor visibility throughout.	
Tyler Lawson		Mouth	P	0	0	0	0	0		
Aerial Survey		Bay	P	0	0	0	0	0		

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Joshua Green River 312-4001									
	8/14/2020	Stream	P	0	7,600	0	5,700	17,500	Most stretches were milky/glacial with poor visibility.
Tyler Lawson		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	
	9/2/2020	Stream	F	0	22,800	400	3,900	14,500	Some stems' visibility were excellent, others very poor.
Tyler Lawson		Mouth	F	0	0	0	0	0	
Aerial Survey		Bay	F	0	0	0	0	0	
Moffet Springs Crk 312-4002									
	8/14/2020	Stream	P	0	0	0	500	1,800	Most stretches were murky with poor visibility.
Tyler Lawson		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	
Moffet Creek 312-4003									
	8/14/2020	Stream	P	0	2,200	0	3,300	5,400	Most stretches were VERY murky with poor visibility.
Tyler Lawson		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	
Unnamed 312-4004									
	8/14/2020	Stream	P	0	0	0	0	0	0 fish, tiny stream.
Tyler Lawson		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	

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Stream				Species					
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Unnamed 312-4005									
	8/14/2020	Stream	P	0	0	0	0	0	0 fish, tiny stream.
Tyler Lawson		Mouth	P	0	0	0	0	0	
Aerial Survey		Bay	P	0	0	0	0	0	
North Creek 313-1002									
	8/1/2020	Stream		0	4,200	0	0	0	800 sockeye observed in lake (C stem). 3,400 observed in A stem.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	8/22/2020	Stream		0	8,200	0	0	0	Most sockeye observed in small lake, some still in tributary and not yet colored.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Cathedral River 313-1005									
	8/1/2020	Stream		0	0	0	0	0	Too murky to observe fish in stream.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Trader Mtn Cr. (Russian R.) 313-1006									
	8/1/2020	Stream		0	0	0	0	400	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	

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Stream	Observer	Date	Location	Visibility	Species					Observer remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Amoco Airstrip Creek 313-1009										
		8/1/2020	Stream		0	0	0	800	1,200	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Black Hills Creek 313-1011										
		8/1/2020	Stream		600	75	0	0	200	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Steelhead Creek 313-1014										
		8/1/2020	Stream		600	1,200	0	0	4,000	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
David's River 313-3001										
		8/1/2020	Stream		0	8,000	0	0	0	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Caribou River 313-3002										
		8/1/2020	Stream		0	28,000	0	0	0	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	

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Stream					Species					
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks	
Sapsuk River, Branches and Lake 313-3003										
	6/23/2020	Stream		200	1,000	0	0	0		
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	6/30/2020	Stream		1,200	4,000	0	0	0		
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	7/27/2020	Stream		300	5,300	0	0	0		
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	8/1/2020	Stream		500	0	0	0	0	Chinook observed in Peterson Creek (tributary of Sapsuk).	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	8/22/2020	Stream		0	0	2,000	0	0	Coho observed from weir site to Caribou River.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	9/4/2020	Stream		0	0	8,000	0	0	Coho observed from weir site to lagoon.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	9/11/2020	Stream		0	0	23,000	0	0	Large bevy of swans observed, several hundred grouped up on river.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Drill Hole and Coast Lakes 313-3004									
	8/1/2020	Stream		0	0	0	0	0	Too murky to observe fish.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Buck Valley 314-2002									
	8/1/2020	Stream		0	0	0	0	200	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Doe Valley 314-2003									
	8/1/2020	Stream		0	0	0	0	100	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Deer Valley 314-2004									
	8/1/2020	Stream		0	0	0	0	22,000	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Portage Creek 314-2005									
	8/1/2020	Stream		0	0	0	0	0	No fish observed. Good visibility in water.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	

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Stream					Species					
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks	
Portage Creek 314-2005										
	8/22/2020	Stream		0	0	0	0	0	Good survey conditions, no fish observed.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
Grass Valley 314-2006										
	8/1/2020	Stream		0	1,000	0	0	3,500	400 sockeye in lake. 600 sockeye in river.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	8/22/2020	Stream		0	600	0	3,000	8,000	Pinks observed in the lower river near mouth.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
Lawrence Valley 314-2007										
	7/20/2020	Stream		0	0	0	0	000		
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	8/1/2020	Stream		0	0	0	0	19,000		
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	8/22/2020	Stream		25	800	0	10,000	24,000		
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		

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Stream	Observer	Date	Location	Visibility	Species					Observer remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Mine Harbor 314-2008										
		8/1/2020	Stream		0	0	0	0	200	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Coal Creek 314-2009										
		7/20/2020	Stream		0	0	0	0	2,000	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
		8/1/2020	Stream		0	0	0	0	4,000	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
		8/22/2020	Stream		0	0	0	8,000	12,000	Pinks in lower river near mouth.
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
		9/11/2020	Stream		0	0	2,200	0	0	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Mud Bay, West Creek 314-3004										
		8/1/2020	Stream		0	0	0	1,000	1,000	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Mud Bay, East Creek 314-3005									
	8/1/2020	Stream		0	0	0	2,000	4,000	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Right Head Bay, South Creek 314-3007									
	8/1/2020	Stream		0	0	0	0	50	Fish observed in lower river.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Right Head Bay, North Creek 314-3009									
	8/1/2020	Stream		0	0	0	400	800	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Left Head Creek 314-3010									
	8/1/2020	Stream		0	0	0	300	800	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	8/22/2020	Stream		0	0	0	1500	4,000	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	9/11/2020	Stream		0	0	1,200	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Frank's Lagoon 315-1001									
	8/19/2020	Stream		0	0	2,000	5,000	3,000	Chum observed in lagoon, tide high and water murky.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	8/22/2020	Stream		0	0	0	0	1,000	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	9/11/2020	Stream		0	0	2,800	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
King Salmon River 315-1002									
	7/20/2020	Stream		1,025	0	0	0	500	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	8/19/2020	Stream		0	0	800	4,000	2,800	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	9/11/2020	Stream		0	0	4,200	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	

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Stream					Species					
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks	
Bear River, Branches and Lake 315-1102										
	6/19/2020	Stream		0	700	0	0	0	Observed from weir to Mad Sow. 400 of observed fish were directly behind weir.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	6/23/2020	Stream		0	700	0	0	0	200 of observed sockeye located directly behind weir.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	6/30/2020	Stream		0	600	0	0	0		
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	7/3/2020	Stream		0	2,400	0	0	0		
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	7/7/2020	Stream		0	8,400	0	0	0		
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	7/11/2020	Stream		0	4,000	0	0	0	Observed from Mad Sow to weir.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	8/1/2020	Stream		0	3,500	0	0	0		
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		

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Stream					Species					
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks	
Bear River, Branches and Lake 315-1102										
	8/11/2020	Stream		0	4,200	0	0	0	Survey at Bear conducted while heading up the coast to Port Heiden at 10:30 AM.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	8/11/2020	Stream		0	2,700	0	0	0	Sockeye observed from weir to Mad Sow at 4:15 PM.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	8/11/2020	Stream		0	2,400	0	0	0		
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	8/19/2020	Stream		0	2,000	0	0	0	Surveyed from weir to Mad Sow tributary.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	9/4/2020	Stream		0	7,000	0	0	0	Surveyed from Mad Sow to weir site. 7,000 sockeye are all new since last survey.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	9/11/2020	Stream		0	1,500	0	0	0	All sockeye are new, observed from weir to Mad Sow tributary.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
Lime Creek 316-1001										
	8/19/2020	Stream		0	0	0	700	900		
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		

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Stream	Observer	Date	Location	Visibility	Species					Observer remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Unnamed, Mid Three Hills 316-1002										
		8/19/2020	Stream		0	0	0	1,200	800	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
SW Three Hills 316-1004										
		8/19/2020	Stream		0	2,300	0	0	4,000	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Ocean River 316-1005										
		8/19/2020	Stream		0	8,000	0	0	0	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Willie Creek 316-1006										
		8/19/2020	Stream		0	39,000	0	0	0	2,500 sockeye on spawning grounds. 33,000 sockeye in C tributary. 3,500 sockeye in B tributary.
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Ilnik River/Estuary 316-2001										
		6/23/2020	Stream		0	1,000	0	0	0	Sockeye located directly behind weir.
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	

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Stream				Species					
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Ilnik River/Estuary 316-2001									
	6/30/2020	Stream		0	500	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	7/3/2020	Stream		0	5,000	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	7/7/2020	Stream		0	1,500	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	7/11/2020	Stream		0	2,300	0	0	0	Sockeye observed directly behind weir.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	8/19/2020	Stream		0	0	2,500	0	0	Surveyed from village to weir.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	9/4/2020	Stream		0	0	0	0	0	Water murky.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	9/11/2020	Stream		0	0	45,000	0	0	Coho observed in front of Ilnik Village.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	

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Stream					Species					
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks	
Unangashak River 316-2004										
	9/11/2020	Stream		0	0	10,000	0	0	Great conditions.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
Charles Creek 317-2002										
	8/11/2020	Stream		70	2,500	0	0	600	Beaver dam blocks upper reaches of river.	
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
Highland Creek 317-2006										
	8/11/2020	Stream		0	0	0	0	0	Too murky to count.	
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	8/19/2020	Stream		0	1,200	0	0	0		
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
Birthday Creek 317-2008										
	8/11/2020	Stream		0	400	0	0	400		
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Barbara Creek 317-2009									
	8/11/2020	Stream		0	0	0	0	400	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Red Bluff Creek 317-204A									
	8/11/2020	Stream		0	12,500	0	0	1,500	Sockeye observed are below confluence of Red Bluff Creek and Yellow Bluff Creek.
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	8/19/2020	Stream		425	18,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Yellow Bluff Creek 317-204B									
	8/11/2020	Stream		0	500	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Meshik River, Mainstem 317-207A									
	6/19/2020	Stream		0	0	0	0	0	Too murky to observe fish.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	6/23/2020	Stream	F	100	2,100	0	0	0	Slightly murky.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Meshik River, Mainstem 317-207A									
	6/30/2020	Stream		300	16,000	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	7/7/2020	Stream		0	2,100	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	7/11/2020	Stream		0	63,000	0	0	0	Observed from Bay to 15 miles above Scotty's Island. One subsistence net in Port Heiden Bay.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	8/11/2020	Stream		75	7,400	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	8/19/2020	Stream		325	9,800	1,200	15,000	4,600	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	9/11/2020	Stream		0	0	25,000	0	0	Most observed in lower river well below Scottys Island.
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Braided Creek 317-207B									
	8/11/2020	Stream		50	200	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	

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Stream				Species					
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Braided Creek 317-207B									
	8/19/2020	Stream		0	2,100	0	0	1,400	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Landlocked Cr. (Hotsprings Cr.) 317-207C									
	8/11/2020	Stream		200	500	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	8/19/2020	Stream		0	3,000	0	0	1,400	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	9/11/2020	Stream		0	0	7,000	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Blue Violet, Sleepy And Black Creeks 317-207E									
	8/11/2020	Stream		0	3,900	1,000	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	8/19/2020	Stream		500	18,000	0	0	1,300	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	

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Stream	Observer	Date	Location	Visibility	Species					Observer remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Wolf Creek 317-207F										
		8/11/2020	Stream		0	1,300	0	0	200	
Reid Johnson			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Meshik River, G Creek 317-207G										
		8/11/2020	Stream		0	0	0	0	0	Too murky to count.
Reid Johnson			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Shoe Creek 317-207H										
		8/11/2020	Stream		0	0	0	0	600	
Reid Johnson			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Meshik River, J Creek 317-207J										
		8/11/2020	Stream		0	0	0	0	0	Too murky to count.
Reid Johnson			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Meshik River, K Creek 317-207K										
		8/11/2020	Stream		0	500	0	0	300	
Reid Johnson			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	

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Stream					Species					
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks	
Meshik River, L Creek 317-207L										
	8/11/2020	Stream		0	2,600	0	0	200		
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
	8/19/2020	Stream		100	5,500	0	0	3,200		
Bob Murphy		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
Meshik River, M Creek 317-207M										
	8/11/2020	Stream		10	250	0	0	0		
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
Meshik River, N Creek 317-207N										
	8/11/2020	Stream		0	200	0	0	50		
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
Plenty Bear Creek 317-207O										
	8/11/2020	Stream		0	200	0	0	500		
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		
Paddle Creek 317-207OA										
	8/11/2020	Stream		0	0	0	0	1,900		
Reid Johnson		Mouth		0	0	0	0	0		
Aerial Survey		Bay		0	0	0	0	0		

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Stream				Species					
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	Observer remarks
Waterfall Creek 317-207P									
	8/11/2020	Stream		0	0	0	0	0	Too murky to count.
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Rainbow Creek 317-207R									
	8/11/2020	Stream		25	500	0	0	0	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
	8/19/2020	Stream		375	4,000	0	0	1,200	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Cub Creek 317-207T									
	8/11/2020	Stream		0	0	0	0	1,500	
Reid Johnson		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Reindeer Creek 318-1001									
	8/11/2020	Stream		75	900	0	0	2,200	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	

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Stream	Observer	Date	Location	Visibility	Species					Observer remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Sw Of Mud Creek 318-2001										
		8/11/2020	Stream		0	0	0	0	1,300	
Bob Murphy			Mouth		0	0	0	0	0	
Aerial Survey			Bay		0	0	0	0	0	
Mud Creek 318-2004										
		8/11/2020	Stream		0	24,800	0	600	2,400	A stem: 1800 sockeye. B
Bob Murphy			Mouth		0	0	0	0	0	stem: 6000 sockeye, 1200
										chum, 600 pinks, additional
										600 sockeye in lake. C
										stem: 200 sockeye, 1200
Aerial Survey			Bay		0	0	0	0	0	chum.
		9/11/2020	Stream		0	0	26,000	0	0	Six sport fishermen
Bob Murphy			Mouth		0	0	0	0	0	observed.
Aerial Survey			Bay		0	0	0	0	0	
Cinder River, Mainstem 318-206A										
		8/11/2020	Stream		0	28,000	0	4,000	4,000	Pinks observed in lower
Bob Murphy			Mouth		0	0	0	0	0	river.
Aerial Survey			Bay		0	0	0	0	0	
		9/11/2020	Stream		0	0	16,000	0	0	Six sport fishermen
Bob Murphy			Mouth		0	0	0	0	0	observed.
Aerial Survey			Bay		0	0	0	0	0	
Cinder River, B Creek 318-206B										
		8/11/2020	Stream		0	0	0	0	200	Beaver dam blocking river
Bob Murphy			Mouth		0	0	0	0	0	about 2 river miles up from
Aerial Survey			Bay		0	0	0	0	0	confluence.

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Cinder River, C Creek 318-206C									
	8/11/2020	Stream		0	0	0	0	200	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Lava Creek 318-206D									
	8/11/2020	Stream		1,200	35,000	0	0	1,900	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
High Creek 318-206E									
	8/11/2020	Stream		300	4,500	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Meloy Creek 318-206H									
	8/11/2020	Stream		400	18,000	0	0	600	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Wiggly Creek 318-206J									
	8/11/2020	Stream		1,300	10,000	0	0	0	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	

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Stream				Species					Observer remarks
Observer	Date	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Ray Creek 318-206K									
	8/11/2020	Stream		400	3,000	0	0	200	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	
Cinder River, L Creek 318-206L									
	8/11/2020	Stream		125	700	0	0	500	
Bob Murphy		Mouth		0	0	0	0	0	
Aerial Survey		Bay		0	0	0	0	0	

**APPENDIX B. NORTH ALASKA PENINSULA TEST  
FISHERY, 2020**

Appendix B1.—Cost-recovery test fishery update for August 4, 2020.

Date:	Tuesday, August 4, 2020	ADF&G observer:	Bob Murphy	High tide:	11:06 AM
Location:	South of Bear River	Fishing vessel:	Phoenix	Gillnet specifications:	4 5/8", 60 deep
		Skipper:	Pat Springer		
	Set information				
	1st	2nd	3rd	4th	
Location description	1/4 mile south of south marker.	1/4 mile south of south marker.	1/4 mile south of south marker.	100 yards south of Bear River Lodge	
GPS latitude	56° 08.85' N	56° 08.88' N	56° 08.82' N	56° 07.35' N	
GPS longitude	160° 27.00' W	160° 27.00' W	160° 27.08' W	160° 27.49' W	
Amount net used	200 fathoms	200 fathoms	200 fathoms	200 fathoms	
	Time				
First buoy in water	10:40 AM	11:41 AM	1:19 PM	4:11 PM	
Last buoy set	10:44 AM	11:45 AM	1:24 PM	4:15 PM	
Started picking	11:12 AM	12:47 PM	3:11 PM	4:31 PM	
Full net out of water	11:36 AM	1:12 PM	3:34 PM	4:40 PM	
Set soak time	00:52	01:27	2:10	00:25	
	Species				
Sockeye	226	318	112	2	
Chinook	0	0	0	0	
Pink	0	0	0	0	
Chum	1	2	3	0	
Coho	0	2	0	0	
Brown Sculpin	0	0	0	0	
Yellowfin	0	0	0	0	
Irish Lord	0	0	0	0	
Salmon Shark	0	0	0	0	
Pollock	0	0	0	0	
Starry Flounder	0	1	1	0	
Total soak time	4 hours 54 minutes				
Number of sets	4				
Sockeye total	658				

## Appendix B1.—Page 2 of 3.

Date:	Tuesday, August 4, 2020	ADF&G observer:	Reid Johnson	High tide:	11:06 AM
Location:	North of Bear River	Fishing vessel:	Sentinel	Gillnet specifications:	4 3/4", 70 deep
		Skipper:	Arseny Polushkin		
	Set information				
	1st	2nd	3rd	4th	5th
Location description	1/2 mile north of the Bear River onshore.	1/2 mile north of the Bear River church and 1/2 mile offshore.	1 mile north of the Bear River church and 1/2 mile offshore.	1 mile north of the Bear River church and 1/2 mile offshore.	1 mile north of the Bear River church and 1/2 mile offshore.
GPS latitude	56° 11.28' N	56° 11.28' N	56° 11.72' N	56° 11.72' N	56° 11.72' N
GPS longitude	160° 26.12' W	160° 25.99' W	160° 25.13' W	160° 25.13' W	160° 25.13' W
Net length	200 fathoms	200 fathoms	200 fathoms	200 fathoms	200 fathoms
Set Time					
First buoy in water	10:30 AM	12:31 PM	1:10 PM	3:30 PM	5:42 PM
Last buoy set	10:34 AM	12:35 PM	1:16 PM	3:34 PM	5:46 PM
Started picking	11:26 AM	12:50 PM	2:20 PM	4:36 PM	5:48 PM
Full net out of water	12:15 PM	1:01 PM	3:15 PM	5:30 PM	6:05 PM
Set soak time	1:40	0:26	1:59	1:56	0:19
Species					
Sockeye	188	6	237	128	7
Chinook	0	0	0	0	0
Pink	2	0	8	4	5
Chum	8	0	7	5	3
Coho	3	0	1	1	0
Brown sculpin	2	0	0	2	0
Capelin	0	0	0	0	0
Irish lord	0	0	0	0	0
Salmon shark	0	0	0	0	0
Sole	0	0	0	4	0
Starry flounder	14	1	8	14	0
Total soak time	6 hours 20 minutes				
Number of sets	5				
Sockeye total	566				

Appendix B1.—Page 3 of 3.

Date:	Tuesday, August 4, 2020	ADF&G observer:	Patrick Landback	High tide:	11:06 AM
Location:	North of Bear River	Fishing vessel:	3 Sons	Gillnet specifications:	4 3/4" and 4 1/2" combo, 70 deep
		Skipper:	Mark Mosich		
Set information					
	1st	2nd	3rd	4th	5th
Location description	North marker	North Marker	North Marker	North Marker	
GPS latitude	56° 10.06' N	56° 10.06' N	56° 10.06' N	56° 10.06' N	
GPS longitude	160° 26.00' W	160° 26.00' W	160° 26.00' W	160° 26.00' W	
Net length	200 fathoms	200 fathoms	200 fathoms	200 fathoms	
Set Time					
First buoy in water	10:33 AM	12:18 PM	1:10 PM	2:36 PM	
Last buoy set	10:39 AM	12:24 PM	1:15 PM	2:42 PM	
Started picking	11:15 AM	12:48 PM	2:00 PM	4:24 PM	
Full net out of water	12:05 PM	1:04 PM	2:22 PM	5:28 PM	
Set soak time	01:26	00:40	01:07	02:46	
Species					
Sockeye	190	13	61	278	
Chinook	0	0	0	0	
Pink	7	0	2	4	
Chum	3	0	0	1	
Coho	1	0	0	1	
Brown sculpin	0	2	0	0	
Pacific cod	0	0	0	0	
Capelin	0	0	0	0	
Sole	0	0	0	0	
Starry flounder	2	2	2	3	
Total soak time	5 hours 59 minutes				
Number of sets	4				
Sockeye total	542				



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

Appendix C1.—Summary of commercial salmon fishing exvessel value, 1998-2020.

	Gear name	Exvessel value					Total
		Chinook	Sockeye	Coho	Pink	Chum	
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
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

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Appendix C1.–Page 2 of 3.

Year	Gear name	Exvessel value					Total
		Chinook	Sockeye	Coho	Pink	Chum	
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
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

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Year	Gear name	Exvessel value					Total
		Chinook	Sockeye	Coho	Pink	Chum	
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
2020	Drift gillnet	\$18,163	\$8,130,547	\$86,327	\$26,592	\$17,979	\$8,279,608
	Purse seine	\$18	\$47,612	\$397	\$1,187	\$80,854	\$130,068
	Set gillnet	\$9,945	\$433,040	\$33,090	\$289	\$1,811	\$478,175
	Total	\$28,126	\$8,611,200	\$119,814	\$28,068	\$100,644	\$8,887,851
2010- 2019 average	Drift gillnet	\$30,513	\$11,164,313	\$96,089	\$15,970	\$152,530	\$11,459,415
	Purse seine	\$83	\$179,373	\$6,598	\$32,949	\$274,758	\$493,761
	Set gillnet	\$11,174	\$681,141	\$60,141	\$90	\$8,386	\$760,933
	Total	\$41,771	\$12,024,827	\$162,828	\$49,009	\$435,674	\$12,714,109

*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, 1989–2020.

Year	Average weight (lb)					Price per pound				
	Chinook	Sockeye	Coho	Pink	Chum	Chinook	Sockeye	Coho	Pink	Chum
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 <sup>a</sup>	\$0.23
1992	16.33	5.84	7.91	3.04	6.36	\$0.97 <sup>a</sup>	\$1.47 <sup>a</sup>	\$0.63 <sup>a</sup>	\$0.17 <sup>a</sup>	\$0.29 <sup>a</sup>
1993	18.00	5.81	8.42	3.00	6.28	\$0.88	\$0.82 <sup>a</sup>	\$0.49 <sup>a</sup>	\$0.14 <sup>a</sup>	\$0.28 <sup>a</sup>
1994	17.90	5.79	10.97	3.15	6.61	\$0.61 <sup>a</sup>	\$1.01 <sup>a</sup>	\$0.57 <sup>a</sup>	\$0.15 <sup>a</sup>	\$0.25 <sup>a</sup>
1995	12.32	6.11	7.06	4.43	6.51	\$0.74 <sup>a</sup>	\$1.10 <sup>a</sup>	\$0.42 <sup>a</sup>	\$0.14 <sup>a</sup>	\$0.22 <sup>a</sup>
1996	16.54	5.68	8.05	3.44	6.87	\$0.40 <sup>a</sup>	\$0.81 <sup>a</sup>	\$0.34 <sup>a</sup>	\$0.06 <sup>a</sup>	\$0.07 <sup>a</sup>
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
2020	17.51	5.24	6.72	3.29	7.17	\$1.29	\$0.91	\$0.37	\$0.28	\$0.25
2010-2019 average	15.70	5.61	7.47	3.34	7.03	\$1.23	\$1.02	\$0.41	\$0.25	\$0.36

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

<sup>a</sup> 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, 2020.

	Exvessel value					
	Chinook	Sockeye	Coho	Pink	Chum	Total
PURSE SEINE						
Northern District						
Poundage	0	91	6	39	11,995	12,131
Average weight		5.4	6.0	3.5	6.5	
Exvessel value	\$0	\$83	\$2	\$11	\$2,999	\$3,095
Northwestern District						
Poundage	14	52,230	1,068	4,200	311,419	368,931
Average weight	4.7	5.6	5.5	3.6	7.5	
Exvessel value	\$18	\$47,529	\$395	\$1,176	\$77,855	\$126,973
North Peninsula Total						
Poundage	14	52,321	1,074	4,239	323,414	381,062
Average weight	4.7	5.6	5.5	3.6	7.5	
Exvessel value	\$18	\$47,612	\$397	\$1,187	\$80,854	\$130,068
DRIFT GILLNET						
Northern District						
Poundage	14,074	8,910,566	230,599	82,554	65,895	9,303,688
Average weight	17.3	5.3	6.4	3.3	6.0	
Exvessel value	\$18,155	\$8,108,615	\$85,322	\$23,115	\$16,474	\$8,251,681
Northwestern District						
Poundage	6	24,101	2,716	12,419	6,020	45,262
Average weight	6.0	6.1	5.3	3.3	6.4	
Exvessel value	\$7	\$21,932	\$1,005	\$3,477	\$1,505	\$27,926
North Peninsula Total						
Poundage	14,080	8,934,667	233,315	94,973	71,915	9,348,950
Average weight	17.3	5.3	6.4	3.3	6.1	
Exvessel value	\$18,163	\$8,130,547	\$86,327	\$26,592	\$17,979	\$8,279,608

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	Exvessel value					
	Chinook	Sockeye	Coho	Pink	Chum	Total
SET GILLNET						
Northern District						
Poundage	7,710	456,481	89,271	471	1,449	555,381
Average weight	18.9	5.3	7.9	3.1	5.7	
Exvessel value	\$9,945	\$415,397	\$33,030	\$132	\$362	\$458,867
Northwestern District						
Poundage	0	19,388	161	560	5,797	25,906
Average weight		5.9	7.0	4.0	6.9	
Exvessel value	\$0	\$17,643	\$60	\$157	\$1,449	\$19,309
North Peninsula Total						
Poundage	7,710	475,869	89,432	1,031	7,246	581,287
Average weight	18.9	5.4	7.9	3.5	6.6	
Exvessel value	\$9,945	\$433,040	\$33,090	\$289	\$1,811	\$478,176
ALL GEAR TYPES						
Northern District						
Poundage	21,784	9,367,138	319,876	83,064	79,339	9,871,200
Average weight	17.9	5.3	6.7	3.3	6.1	
Exvessel value	\$28,101	\$8,524,095	\$118,354	\$23,258	\$19,835	\$8,713,643
Northwestern District						
Poundage	20	95,719	3,945	17,179	323,236	440,099
Average weight	4.9	5.8	5.4	3.4	7.5	
Exvessel value	\$25	\$87,104	\$1,460	\$4,810	\$80,809	\$174,208
North Peninsula Total						
Poundage	21,803	9,462,857	323,821	100,243	402,575	10,311,298
Average weight	17.8	5.3	6.7	3.3	7.2	
Exvessel value	\$28,126	\$8,611,200	\$119,814	\$28,068	\$100,644	\$8,887,851

*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.