

**Fishery Management Report No. 18-09**

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**North Alaska Peninsula Commercial Salmon Annual  
Management Report, 2017**

by

**Reid H. Johnson**

**William S. Middleton**

and

**Robert L. Murphy**

April 2018

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Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



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<b>Weights and measures (metric)</b>		<b>General</b>		<b>Mathematics, statistics</b>	
centimeter	cm	Alaska Administrative Code	AAC	<i>all standard mathematical signs, symbols and abbreviations</i>	
deciliter	dL	all commonly accepted abbreviations	e.g., Mr., Mrs., AM, PM, etc.	alternate hypothesis	$H_A$
gram	g	all commonly accepted professional titles	e.g., Dr., Ph.D., R.N., etc.	base of natural logarithm	$e$
hectare	ha	at	@	catch per unit effort	CPUE
kilogram	kg	compass directions:		coefficient of variation	CV
kilometer	km	east	E	common test statistics	(F, t, $\chi^2$ , etc.)
liter	L	north	N	confidence interval	CI
meter	m	south	S	correlation coefficient	
milliliter	mL	west	W	(multiple)	R
millimeter	mm	copyright	©	correlation coefficient (simple)	r
		corporate suffixes:		covariance	cov
<b>Weights and measures (English)</b>		Company	Co.	degree (angular)	$^\circ$
cubic feet per second	ft <sup>3</sup> /s	Corporation	Corp.	degrees of freedom	df
foot	ft	Incorporated	Inc.	expected value	$E$
gallon	gal	Limited	Ltd.	greater than	>
inch	in	District of Columbia	D.C.	greater than or equal to	$\geq$
mile	mi	et alii (and others)	et al.	harvest per unit effort	HPUE
nautical mile	nmi	et cetera (and so forth)	etc.	less than	<
ounce	oz	exempli gratia	e.g.	less than or equal to	$\leq$
pound	lb	(for example)		logarithm (natural)	ln
quart	qt	Federal Information Code	FIC	logarithm (base 10)	log
yard	yd	id est (that is)	i.e.	logarithm (specify base)	$\log_2$ , etc.
		latitude or longitude	lat or long	minute (angular)	'
<b>Time and temperature</b>		monetary symbols (U.S.)	\$, ¢	not significant	NS
day	d	months (tables and figures): first three letters	Jan, ..., Dec	null hypothesis	$H_0$
degrees Celsius	$^\circ\text{C}$	registered trademark	®	percent	%
degrees Fahrenheit	$^\circ\text{F}$	trademark	™	probability	P
degrees kelvin	K	United States (adjective)	U.S.	probability of a type I error (rejection of the null hypothesis when true)	$\alpha$
hour	h	United States of America (noun)	USA	probability of a type II error (acceptance of the null hypothesis when false)	$\beta$
minute	min	U.S.C.	United States Code	second (angular)	"
second	s	U.S. state	use two-letter abbreviations (e.g., AK, WA)	standard deviation	SD
<b>Physics and chemistry</b>				standard error	SE
all atomic symbols				variance	
alternating current	AC			population	Var
ampere	A			sample	var
calorie	cal				
direct current	DC				
hertz	Hz				
horsepower	hp				
hydrogen ion activity (negative log of)	pH				
parts per million	ppm				
parts per thousand	ppt, ‰				
volts	V				
watts	W				

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April 2018

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## ABSTRACT

This report is a summary of the 2017 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 2017 commercial salmon harvest on the North Alaska Peninsula was 2,858 Chinook *O. tshawytscha*, 3,861,515 sockeye, 6,655 coho *O. kisutch*, 11,341 pink *O. gorbuscha*, and 82,230 chum *O. keta* salmon. The North Peninsula Chinook Salmon harvest was comparable to the 10-year average of 2,500 fish. The sockeye salmon harvest in the Northern District of 3,772,502 fish was well above the 2007–2016 average harvest of 1,952,588 fish. Of the Northern District harvest, 90% (3,409,118 fish) were harvested in the sections between Port Moller and Outer Port Heiden. The North Alaska Peninsula chum salmon harvest of 82,230 fish was well below the 10-year average of 184,060 chum salmon, with about 70% (57,663 fish) of the harvest occurring in the Northwestern District, specifically in the Izembek–Moffet Bay Section. Nearly all Northern District chum salmon harvest was incidental to targeted sockeye salmon fisheries. The total exvessel value of all North Peninsula fisheries is estimated to be 22.9 million dollars. The majority of the value of the North Peninsula fisheries is made up of sockeye salmon harvested in the Northern District (22.2 million dollars).

Total sockeye salmon escapement for North Alaska Peninsula streams was 2,365,317 fish, above the 2007–2016 average of 1,057,754 fish. Approximately 66% of the sockeye salmon escapement occurred in the Northern District's four systems in which sockeye salmon escapements are enumerated with weirs (Nelson, Bear, Sandy, and Ilnik rivers).

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

## INTRODUCTION

The purpose of this report is to document catch and escapement data, and to provide commercial salmon fishermen, buyers, and interested parties a context with which to compare the 2017 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 2016 subsistence and personal use harvests are instead reported for the entirety of Area M in the 2017 South Alaska Peninsula Salmon Annual Management Report (Fox et al. *In prep*). Reporting of subsistence harvest lags one year behind reporting of commercial harvests 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 5, 2017. Unless otherwise noted, catch reporting in this report does not include personal use, subsistence, or test fish catches. Data published in this report supersede any data previously published.

It should be noted that during 2017 a fire occurred at the sole processing facility located on the North Peninsula. One of the results of this event, which occurred in mid-August, was the sudden loss of processing capacity on the North Peninsula. As a result, lower than average harvests for both sockeye *Oncorhynchus nerka* and coho *O. kisutch* salmon occurred during the month of August, and no harvest occurred at all during the month of September.

## 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 two 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 region, which encompasses most of the Northern District, is the primary sockeye salmon harvest area on the North Alaska Peninsula and includes the Nelson Lagoon, Bear River, Three Hills, Ilnik, and Outer Port Heiden sections (Figure 2). In addition to these sections, smaller directed commercial salmon fisheries occur in other areas of the North Alaska Peninsula.

### **Alaska Peninsula and Bristol Bay Salmon Overlap Area**

The Alaska Peninsula 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 (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 for Chinook *O. tshawytscha* and coho salmon in the Inner Port Heiden Section, and Area T permit holders from Pilot Point fished inside the Cinder River Section for Chinook and coho salmon.

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

### **GEAR**

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

### **REGULATORY SEASON**

The commercial salmon season opens in most of the Northwestern District on June 1 and in most of the Northern District on May 1 (5 AAC 09.310). The Three Hills Section may open to commercial salmon fishing on June 25. In the Ilnik Section fishing may be allowed as soon as

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<sup>1</sup> ADF&G. 2016. 2016–2019 Alaska Peninsula, Atka–Amlia Islands, Aleutian Islands, and Chignik Areas Commercial Salmon Fishing Regulations. Alaska Department of Fish and Game, Juneau.

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.

## **INSEASON MANAGEMENT**

While the earliest opening dates are established by regulation and modified by emergency orders, actual fishing time in North Alaska Peninsula fisheries is based on inseason evaluation of local stock abundance and escapement objectives. Sockeye salmon are the primary species targeted for harvest, and Nelson and Bear rivers are the largest sockeye salmon producing systems. Between June 1 and September 15, within the Nelson Lagoon to Port Heiden region, management emphasis is on five sockeye salmon systems: Nelson, Bear, Sandy, Ilnik, and Meshik rivers (Murphy and Johnson 2017). 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 other systems that do not have weirs.

At the February 2016 BOF meeting, the board modified existing regulations in the Northern District which exist for the conservation of Bear and Nelson rivers sockeye salmon stocks, as well as the conservation of Bristol Bay sockeye salmon. ADF&G manages the commercial fisheries in the Northern District based on the inseason evaluation of local stock abundance and escapement objectives. From June 20 through July 31, rolling closures are in effect in the Bear, Three Hills and Ilnik sections to allow passage of sockeye salmon from the northeast to the southwest of the Northern District. For management purposes, the three sections are separated into five areas: South Bear, North Bear, Three Hills, SW Ilnik, and NE Ilnik (Figure 4). Starting in 2016 only four of the five areas now undergo rolling closures; the portion of the Ilnik Section northeast of Unangashak Bluffs (NE Ilnik) is now excluded from rolling closures (5 AAC 09.369 (n)). The waters in the northeastern most of the four areas, that are between the 3 nmi seaward boundary line described in 5 AAC 09.301, and a line that is 1.5 nmi shoreward of the 3 nmi seaward boundary are closed for one 24-hour period during a 7-day period. After the 24-hour period, the rolling closure will move on to the next area to the southwest, allowing fishing in the waters only out to the 1.5 nmi line described in this subsection. The rolling closure continues down the coast until all four areas have had one 24-hour period of closure. The rolling closure regulations will sunset after the 2018 season.

Subsequent to the February 2016 BOF meeting, the Outer Port Heiden Section commercial fishing area extends out to the 3 nmi baseline, as opposed to the 1.5 nmi line that was in effect from 2013 through 2015 (5 AAC 09.350 (3)(A)).

## **ESCAPEMENT GOALS**

Weir counts and aerial surveys are used to estimate escapement.<sup>2</sup> For rivers and river systems with established escapement goals, there are two types of goals used to characterize the run. A biological escapement goal (BEG) is used when the following conditions are met: 1) a sufficient time series of escapement and total return estimates are available, 2) contrast in the escapement data is sufficiently large, and 3) the estimates were sufficiently accurate and precise (Schaberg et al. 2015). Using these criteria, systems assigned a BEG are managed for escapements providing the greatest potential for maximum sustained yield. A sustainable escapement goal (SEG), on the other hand, is used when total return estimates are not available because stock specific harvest or age was not consistently measured (Schaberg et al. 2015). Methods used to develop SEGs include the percentile approach and risk analysis models (Schaberg et al. 2015). As defined by the Sustainable Salmon Fisheries Policy (SSFP; 5 AAC 39.222), a SEG is a level of escapement indicated by an index or escapement estimate that is known to provide for sustained yield over a five- to ten-year period and is used in situations where a BEG cannot be estimated or managed for, due to the absence of a stock specific catch estimate.

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

## **RUN TIMING**

The timing of sockeye salmon returning to North Alaska Peninsula streams varies by system and stock, but the majority of the sockeye salmon runs occur from early June to late July. Local sockeye salmon stocks are managed from the northern side of Unimak Island to the Cinder River region 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 two 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).

## **HARVEST BY SPECIES**

### **CHINOOK SALMON**

The 2017 North Alaska Peninsula commercial Chinook salmon harvest of 2,858 fish was comparable to the 2007–2016 average of 2,500 fish (Table 1). Historically, the vast majority of Chinook salmon harvest occurred in the Northern District incidental to sockeye salmon fisheries, although periodically there were directed fisheries. In 2017, the Chinook salmon harvest of 652 fish in the Nelson Lagoon Section was below the 10-year average of 724 fish (Tables 2 and 3). The Bear River Section harvest of 161 Chinook salmon occurred incidentally to the sockeye salmon fisheries and was below the 10-year average of 464 fish (Table 3). The Three Hills and Ilnik sections combined harvest of 1,644 Chinook salmon was above the 10-year average of 862

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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.

fish (Table 3). The Outer Port Heiden Section had a harvest of 374 Chinook salmon (Table 2). There was no commercial fishing effort in the Inner Port Heiden Section in 2017 (Table 3).

## **SOCKEYE SALMON**

The 2017 North Alaska Peninsula sockeye salmon harvest of 3,861,515 fish (Table 1) was above the 2007–2016 average harvest of 2,067,301 fish as well as the 1997–2016 average harvest of 1,981,464 fish (Figure 5). The 2017 harvest exceeded the preseason projected harvest of 2,400,000 sockeye salmon (Table 1; Murphy and Johnson 2017). The 2017 peak weekly harvest for sockeye salmon on the North Alaska Peninsula occurred from July 5 to July 11, when 159 permit holders caught 831,060 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 2017 was 347,562 fish which was above the 2007–2016 average harvest of 206,326 fish (Table 4). The Nelson Lagoon harvest made up approximately 9% of the total North Alaska Peninsula sockeye salmon harvest. The combined Port Moller Bight, Bear River, Three Hills, and Ilnik sections total harvest was 2,906,587 sockeye salmon (Table 5) and the Outer Port Heiden Section had a harvest of 502,531 fish (Table 4). The combined Port Moller Bight, Bear River, Three Hills, Ilnik, and Outer Port Heiden sections accounted for approximately 88% (3,409,118 fish; Table 2) of the North Alaska Peninsula sockeye salmon harvest. Of that harvest, the Ilnik Section had 74% (2,528,527 fish), the Outer Port Heiden Section accounted for about 15% (502,531 fish), the Bear River Section had approximately 8% (288,927 fish), and the Three Hills Section had 3% (89,133 fish; Table 4). The percentage of harvest in the Bear River Section in 2017 was below the most recent 10-year average (23%). The percentage of commercial catch in the Three Hills Section was below the most recent 10-year average (5%). The percentage of commercial catch in the Ilnik Section was well above the most recent 10-year average of 44%. The percentage of harvest caught in the Outer Port Heiden Section was below the recent historical average (2007–2016) of 35% (Figure 6).

## **COHO SALMON**

The 2017 North Alaska Peninsula coho salmon harvest of 6,655 fish was well below the 2007–2016 average harvest of 64,171 fish (Table 1). Approximately 52% (3,450 fish) of the coho salmon harvest came from the Ilnik Section, and 22% of the harvest (1,434 fish) came from the Three Hills Section (Table 6). The remaining Northern District sections had approximately 24% of the coho salmon harvest (1,628 fish). The Northwestern District accounted for 2% of the harvest (143 fish, Table 6). The Nelson Lagoon Section typically has the largest coho salmon harvest, followed by either the Bear River or Ilnik sections; however, this year the sudden loss of processor capacity in the Northern District due to the August 15 fire resulted in no commercial fishing effort targeting the Nelson Lagoon coho salmon run in August and September.

## **PINK SALMON**

The 2017 North Alaska Peninsula pink salmon *O. gorbuscha* harvest of 11,341 fish was well below the 2007–2016 odd-year average harvest of 107,894 fish (Table 1). Pink salmon harvested in the Northern District are caught incidental to fisheries for other salmon species. The majority of the pink salmon harvest traditionally occurs in the Northwestern District, however in 2017 the Northern District accounted for the majority of the commercial harvest, with the Northwestern District accounting for 44% (4,993 fish) of the pink salmon harvest (Table 7). All of the pink

salmon harvested in the Northwestern District during 2017 were incidental to chum and sockeye salmon harvests that occurred in the Izembek–Moffet Bay Section.

## **CHUM SALMON**

The 2017 North Alaska Peninsula chum salmon *Oncorhynchus keta* harvest of 82,230 fish was well below the 2007–2016 average harvest of 184,060 fish (Table 1). In the Northern District, the harvest of 24,567 fish was below the 2007–2016 average of 62,351 fish (Table 8). The majority of the chum salmon harvest in the Northern District occurred in the Nelson Lagoon Section (7,674 fish; Table 2) in early August. The Northwestern District chum salmon harvest of 57,663 fish was below the 10-year average of 121,709 fish, the majority of which were harvested in the Izembek–Moffet Bay Section (Table 9). The Izembek–Moffet Bay Section harvest (56,771 chum salmon) was below the recent 10-year average of 100,734 fish (Table 9).

## **ESCAPEMENT BY SPECIES**

### **CHINOOK SALMON**

The 2017 North Alaska Peninsula estimated total Chinook salmon escapement of 7,976 fish was below the 2007–2016 average of 13,972 fish (Table 1). During the 2017 season, 1,502 Chinook salmon passed the Nelson River weir, and 350 Chinook salmon were observed by aerial survey for a total escapement of 1,852 Chinook salmon (Table 10; Appendix A1 and A2). The 2017 Nelson River Chinook salmon escapement of 1,852 fish did not meet the BEG range of 2,400–4,400 fish (Schaberg et al. 2015). Nelson River is the only river on the North Alaska Peninsula with a Chinook salmon escapement goal. The combined King Salmon, Bear, and Sandy rivers (Bear River Section) estimated Chinook salmon escapement was 2,015 fish, which was above the 2007–2016 average of 1,535 fish (Table 3; Appendix A1). The Bear River and Sandy River weir counts (Tables 11 and 12) do not accurately reflect the total escapement of Chinook salmon because most of the fish spawn below the weir sites or in downstream tributaries. There were six Chinook salmon that passed the Inik River weir in 2017 (Table 13). The Chinook salmon escapement of 1,225 fish into the Inner Port Heiden Section (the Meshik River and its tributaries) was below the 10-year average of 3,296 fish (Table 3; Appendix A1). In the Cinder River Section, 1,500 Chinook salmon were documented, which was below the 2007–2016 average of 4,027 fish (Table 3; Appendix A1).

### **SOCKEYE SALMON**

The 2017 North Alaska Peninsula estimated total sockeye salmon escapement of 2,365,317 fish, which included weir and aerial survey counts, was above the 2007–2016 average estimated escapement of 1,057,754 fish (Table 1; Figure 7). The combined North Alaska Peninsula escapement goal range is 583,400–1,095,800 sockeye salmon for systems with established goals (Schaberg et al. 2015). The systems with an SEG are Christianson Lagoon (25,000–50,000 fish), Swanson Lagoon (6,000–16,000 fish), North Creek (4,400–8,800 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), Inik River (40,000–60,000 fish), Meshik River (48,000–86,000 fish), and Cinder River (36,000–94,000 fish; Schaberg et al. 2015). Nelson River is the only system on the North Alaska Peninsula with a BEG (97,000–219,000 fish; Schaberg et al. 2015). The systems most often considered in management decisions and the historical escapements and goal ranges are detailed in Table 14. In 2017 seven systems exceeded their escapement goals;

Christianson Lagoon (290,600 sockeye salmon), Nelson River (381,000 sockeye salmon), Bear River (800,000 sockeye salmon), Sandy River (145,000 sockeye salmon), Ilnik River (238,000 sockeye salmon), Meshik River (191,725 sockeye salmon), and Cinder River (234,000 sockeye salmon; Appendix A1 and Table 14). In addition Swanson Lagoon, located in the Northwestern District, did not meet its escapement goal with only 860 sockeye salmon observed through aerial survey (Appendix A1).

### **Nelson River**

In 2017, 430,000 sockeye salmon escaped into streams in the Nelson Lagoon Section (Table 4), of which 381,000 fish returned to Nelson River, along with 10,000 returning to David's River, and 39,000 returning to Caribou River (Appendix A1). The Nelson River weir sockeye salmon escapement of 381,000 fish exceeded the escapement goal of 97,000–219,000 sockeye salmon and was above the 10-year average of 183,390 fish (Tables 14 and 15; Schaberg et al. 2015). The 2017 sockeye salmon escapement at Nelson River was the second largest on record (Table 14). The peak daily escapement (24,147 fish) at the Nelson River weir occurred on July 9 (Table 15).

Nelson River is the only North Alaska Peninsula river system that has a female sockeye salmon escapement objective. In some years, 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. That proportion is then extrapolated to account for the entire day's escapement. When the weir was removed on July 26, it was estimated that about 151,012 female sockeye salmon had passed the weir, exceeding the management escapement objective of 50,000–110,000 female fish (Murphy and Johnson 2017).

### **Bear River**

Bear River has early and late sockeye escapement goals because the river is recognized as having two distinct temporally separated runs. In 2017, the Bear River early run (before August 1) exceeded the upper end of the escapement goal range of 176,000–293,000 fish, with an escapement of 570,840 sockeye salmon, which is the largest early run escapement on record; the late run (after July 31) also exceeded the escapement goal of 117,000–195,000 fish, with an escapement of 229,160 sockeye salmon (Tables 16 and 17; Schaberg et al. 2015). The Bear River early-run escapement was the largest on record, and the Bear River late-run escapement was the second largest on record (Table 16). The largest daily escapement at the weir in 2017 occurred on July 13 when 36,635 sockeye salmon were counted (Table 17).

### **Sandy River**

The total 2017 Sandy River sockeye salmon escapement of 145,000 fish was the second largest on record, well above the escapement goal range of 34,000–74,000 fish, and exceeding the 2007–2016 average escapement of 60,150 fish (Tables 14 and 18; Schaberg et al. 2015). The largest daily escapement at the Sandy River weir occurred on July 14 when 9,849 sockeye salmon were counted (Table 18).

### **Ilnik River**

In 2017 the largest escapement on record occurred at the Ilnik River weir, consisting of 238,000 sockeye salmon (Table 19, Appendix A1). The total Ilnik River escapement exceeded the escapement goal of 40,000–60,000 fish, and was well above the 2007–2016 average of 62,630

fish (Table 14; Schaberg et al. 2015). The largest daily escapement at the Ilnik River weir occurred on July 3 when 20,243 sockeye salmon passed the weir (Table 19).

### **Port Heiden**

The majority of escapement in Port Heiden is made up of fish spawning in Meshik River. Escapement into Meshik River and its tributaries are determined by aerial surveys. In 2017, 191,725 sockeye salmon were documented in the Meshik River (including Red Bluff Creek) exceeding the escapement goal of 36,000–94,000 fish (Appendix A1 and A2; Schaberg et al. 2015). This was well above the 10-year average of 87,196 fish (Table 14).

### **COHO SALMON**

Due to time and logistical constraints resulting from the August 15 fire, aerial surveys for coho salmon were conducted approximately 10 days earlier than usual in late August, well before the peak of area coho salmon runs. Actual escapement into streams on the North Peninsula is likely much greater than what was observed by aerial survey. Nelson and Ilnik rivers are the only rivers on the North Alaska Peninsula that have a coho salmon lower-bound SEG. At Nelson River the peak escapement estimate of 19,000 coho salmon (determined by aerial surveys) exceeded the goal of 18,000 fish (Appendix A1; Schaberg et al. 2015). In 2017 a total of 6,000 coho salmon were observed in the Ilnik River (Appendix A1). The peak escapement estimate of 6,000 coho salmon for the Ilnik River system did not meet the escapement goal of 9,000 fish (Schaberg et al. 2015). Some of the larger estimated escapements occurred in the Meshik River (44,000 coho salmon), Cinder River (20,000 coho salmon), and Lawrence Valley (5,100 coho salmon; Appendix A1).

Approximately 103,750 coho salmon were documented by aerial surveys in 11 North Alaska Peninsula streams during 2017 (Appendix A1 and A2).

### **PINK SALMON**

Even-numbered year pink salmon escapements are typically larger than odd-numbered year escapements on the Alaska Peninsula, however a record escapement occurred in the Northwestern district in 2017; the 2017 pink salmon escapement for the North Peninsula is the largest on record. The 2017 North Alaska Peninsula estimated total pink salmon escapement of 388,271 fish was well above the 2007–2016 odd-year average of 85,141 fish (Table 1; Appendix A1). The majority of the pink salmon escapement occurred in the Northwestern District (311,715 fish; Appendix A1), accounting for 80% of the total escapement for the North Peninsula.

### **CHUM SALMON**

The North Alaska Peninsula has two aggregated chum salmon escapement goals, one for the Northern District and one for the Northwestern District. In 2017, the Northern District chum salmon escapement of 234,440 fish met the escapement goal of 119,600–239,200 fish (Table 8; Appendix A1; Schaberg et al. 2015). Historically the Herendeen–Moller Bay Section has the largest chum salmon run in the Northern District. In 2017, Herendeen and Moller bays accounted for about 30% of the total Northern District chum salmon escapement (71,400 fish; Table 8). The remaining chum salmon escapement in the Northern District is shown in Table 8. The Northwestern District chum salmon escapement of 195,700 fish met the goal of 100,000–215,000 fish, and was above the previous 10-year average of 144,754 fish (Table 9; Schaberg et



al. 2015). The aggregate North Alaska Peninsula estimated chum salmon escapement of 430,140 fish was above the 2007–2016 average of 324,592 fish (Table 1).

## **COMMERCIAL SALMON FISHERY SUMMARY**

The majority of the North Alaska Peninsula commercial fishing effort targeting sockeye salmon occurred in the Nelson Lagoon, Bear River, Three Hills, Ilnik, and Outer Port Heiden sections in the Northern District. The total Northern District sockeye salmon harvest of 3,772,502 fish was above the 2007–2016 average of 1,952,588 fish (Table 4). A complete listing of all commercial salmon harvested by day on the North Peninsula can be found in Table 20.

### **NORTHWESTERN DISTRICT**

During the 2017 Northwestern District commercial salmon fishery, a total of 16 Chinook, 89,013 sockeye, 143 coho, 4,993 pink, and 57,663 chum salmon were harvested (Table 21). The Northwestern District has only a few large sockeye salmon producing systems and receives less commercial fishing effort than the Northern District. Traditionally chum salmon are the most harvested species in the Northwestern District, followed by sockeye, however in 2017 more sockeye salmon were harvested in the Northwestern District than chum salmon. In 2017 commercial salmon fishing effort occurred in both the Izembek–Moffet Bay and the Uria Bay sections, targeting chum and sockeye salmon respectively.

The 2017 sockeye salmon harvest in the Northwestern District of 89,013 fish was above the 2007–2016 average harvest of 40,292 fish (Table 22). The majority of sockeye salmon harvested in the Northwestern District were harvested in the Uria Bay Section (63,678 fish; Table 21). The Northwestern District chum salmon harvest of 57,663 fish in 2017 was below the 10-year average harvest of 121,709 fish (Table 9). The majority of 57,663 chum salmon harvested in the Northwestern District were harvested in the Izembek–Moffet Bay Section (56,771 fish; Table 9). The pink salmon harvest of 4,993 fish was far below the 2007–2016 odd-year average of 105,915 fish (Table 7).

### **NORTHERN DISTRICT**

#### **Black Hills Section**

The Black Hills Section may open to commercial salmon fishing starting May 1 (5 AAC 09.310 (a)(10)). In 2017, 30 permit holders harvested 15,822 sockeye salmon and 2,966 chum salmon in the Black Hills Section (Table 2). Regularly scheduled weekly fishing periods occurred throughout the fishing season. The sockeye salmon harvest was below the 10-year average of 27,197 fish (Table 4). The chum salmon harvest was well below the 10-year average of 17,163 fish (Table 8). The peak weekly harvest for sockeye and chum salmon occurred from August 2 to August 8, during which a total of 7,583 sockeye salmon and 2,272 chum salmon were harvested (Table 2).

#### **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 2017 commercial salmon fishing season, the Nelson Lagoon Section was open during regularly scheduled weekly fishing periods throughout the season, with extensions occurring weekly (Tables 23 and 24). The total

Nelson River system run, consisting of the Nelson Lagoon Section harvest and escapements of all Nelson River tributaries, was 777,562 sockeye salmon (Table 4). A total of 28 permit holders harvested 347,562 sockeye salmon (Table 24) which was well above the 2007–2016 average harvest of 206,326 fish (Table 4; Figure 8). The first day of salmon harvest in the Nelson Lagoon Section occurred on June 5 and the last day was August 15. Harvest stopped earlier than usual due to a sudden loss of processing capacity. The peak daily catch was on July 15 when 27 permit holders harvested 19,417 sockeye salmon (Table 24). The largest weekly harvest in Nelson Lagoon occurred between July 12 and July 18 when 103,880 sockeye salmon were harvested (Table 2; Figure 9).

After August 15, the Nelson Lagoon Section was managed based on coho salmon run strength, however the sudden loss of processing capacity on the North Peninsula meant that no coho salmon fishery occurred in Nelson Lagoon during 2017. All coho salmon harvested were instead incidental to sockeye salmon fishing effort taking place in between June and early August. A total of 329 coho salmon were harvested in Nelson Lagoon during the 2017 season (Table 2).

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

By regulation, the Bear River Section may open to commercial salmon fishing on May 1, while 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 2017).

In 2017, the Bear River early run was slow early in the season, but thereafter was very strong compared to previous years, interim escapement objectives were met throughout the season. The Sandy River run was very strong and interim escapement objectives were exceeded throughout the season. Commercial fishing first occurred in the Bear River Section for two weekly fishing periods during the first two weeks of June. Between June 15 and July 5 commercial fishing was closed in the Bear River Section while the run built in strength. Starting June 25 the Three Hills Section was closed as well in order to allow the run to build. Commercial fishing occurred from July 5 through July 31 in both the Bear River and Three Hills sections. The Bear River and Three Hills sections were both closed July 31 in order to allow the Bear River late run to develop (Table 25). The late Bear River sockeye run begins August 1. Traditionally a test fishery is conducted in early August (Table 26); on August 5, ADF&G chartered boats to conduct a combination cost recovery and test fishery, which was used both to provide funding for North Peninsula management operations and to assess the strength Bear River late run (Appendix B1). The results of the fishery did not indicate that there was a harvestable surplus, and the commercial fishery remained closed until August 9. The Bear River and Three Hills sections reopened to commercial salmon fishing on August 9, with 1,000-yard markers in effect around the mouth of Bear River, allowing milling fish an opportunity to enter the river while providing some commercial salmon harvest opportunity (Table 23). The 1,000-yard markers remained in effect for the remainder of the 2017 season.

Harvest in the Bear River Section occurred from June 12 to August 20. A total of 97 permit holders harvested 288,927 sockeye salmon which was below the 2007–2016 average harvest of 362,636 fish (Tables 4 and 25). The largest weekly harvest in the Bear River Section of 75,978 sockeye salmon occurred between July 19 and July 25 (Table 2; Figure 10). The largest daily harvest of 23,225 sockeye salmon occurred on July 17 (Table 25). The total late-run harvest of 113,831 sockeye salmon was below the most recent 10-year average of 300,928 fish, whereas the

late-run escapement (229,160 fish) was above the most recent 10-year average of 170,133 fish (Table 16). The sudden loss of processing capacity on the North Peninsula resulted in a lower than average number of sockeye salmon harvested during the late run, despite a larger than average late-run escapement.

Harvest in the Three Hills Section occurred from July 6 until August 15. A total of 89,133 sockeye salmon were harvested by 72 permit holders (Tables 4 and 27). The 2017 sockeye salmon harvest was below the most recent 10-year average of 119,659 fish (Table 4).

### **Ilnik Section**

The Ilnik Section may open to commercial salmon fishing on June 20, depending on escapement levels in the Ilnik and Meshik rivers (5 AAC 09.369(j)(1)(A)). Management of the Ilnik Section northeast of Unangashak Bluffs is based on the Ilnik River weir escapement and Meshik River sockeye salmon escapement (as determined by aerial surveys). In that portion of the Ilnik Section southwest of Unangashak Bluffs, management actions are based on Ilnik River weir escapement levels from June 20 to July 20. Between July 21 and August 15, the Ilnik Section is based on the abundance of Bear River sockeye salmon stocks (Murphy and Johnson 2017).

In 2017 the Ocean River played a role in the management of the Ilnik Section. Ocean River, normally a tributary of the Ilnik River, often changes course over the winter, sometimes emptying into the Bering Sea. In 2017, Ocean River ran parallel to the beach for several miles before emptying into Ilnik River. When this occurs fish often mill on the coast looking for the entrance to Ocean River, before traveling up the coast and into Ilnik Lagoon and finally into Ocean River. As a precautionary measure that portion of the Ilnik Section located west of 159° 46' W long. was closed to commercial salmon fishing until July 3, when it became apparent that Ocean River would achieve adequate escapement.

A total of 128 permit holders harvested 2,528,527 sockeye salmon in the Ilnik Section (Table 28). The first harvest in the Ilnik Section occurred on June 20 and the last delivery occurred on August 15 (Table 28). About 54% of the harvest (1,362,206 sockeye salmon) occurred in Northeast Ilnik, and 46% (1,166,321 sockeye salmon) were harvested in Southwest Ilnik (Table 21; Figure 4). The 2017 peak daily catch was on July 3 when 184,148 sockeye salmon were harvested (Table 28). The largest weekly harvest occurred between June 28 and July 4 when 571,130 sockeye salmon were harvested (Table 2).

After August 15, by regulation, the Ilnik Section is managed on the basis of coho salmon runs into Ilnik Lagoon. In 2017 no targeted coho salmon fishery occurred due to sudden loss of processing capacity in the Northern District.

No commercial salmon fishing effort occurred inside Ilnik Lagoon in 2017 even though fishing time was permitted (Table 21).

### **Outer Port Heiden Section**

By regulation, the Outer Port Heiden Section may open to commercial salmon fishing from June 20 through July 31. Fishing time in the Outer Port Heiden Section is based on Meshik River sockeye salmon abundance unless management actions are taken for the conservation of Ugashik River sockeye salmon in the Egegik District (Murphy and Johnson 2017).

The weekly fishing period in the Outer Port Heiden Section allows two and one-half days of fishing time per week. In 2017, commercial salmon fishing opened in the Outer Port Heiden

section on June 22 for the first two and one-half day fishing period. Two and one-half days of fishing time were allotted per week until July 31 when the Outer Port Heiden Section closed for the season (Table 23). A total of 89 permit holders harvested 502,531 sockeye salmon from the Outer Port Heiden Section (Table 29). The peak daily catch was on June 29 when 48 permit holders harvested 98,280 sockeye salmon (Table 29). The largest weekly harvest of 185,570 sockeye salmon occurred between June 28 and July 4 (Table 2; Figure 10). The number of permit holders fishing in the Outer Port Heiden Section in 2017 was comparable to the previous five years (Figure 11), while the sockeye salmon harvest was comparable to the 2007-2016 average of 507,657 fish (Table 4).

### **Inner Port Heiden and Cinder River Sections**

The Inner Port Heiden and Cinder River sections are both part of the Area M/Area T overlap. There was no commercial fishing effort in the Inner Port Heiden Section in 2017. Confidentiality requirements prohibit the release of information regarding the Cinder River Section, however the catch was negligible. Commercial fishing effort has not significantly or consistently occurred in either the Inner Port Heiden or Cinder River sections since the late 1990s. Table 30 provides historical harvest data for the Area M/Area T overlap area.

### **EXVESSEL VALUE**

Appendix C provides a brief summary of exvessel values of the 2017 North Alaska Peninsula commercial salmon fisheries.

The total exvessel value of the 2017 North Alaska Peninsula fisheries is estimated to be \$22,940,558, well above the recent 10-year average of \$9,424,190 (Appendix C1). During 2017 sockeye salmon sold for an average price of \$1.00 per pound, and Chinook salmon sold for \$1.48 per pound. The price per pound of sockeye and Chinook salmon were both higher than both the 2016 season (\$0.70 and \$1.29 respectively), and the most recent 10-year averages of \$0.85 and \$0.99 respectively (Appendix C2). The price per pound of coho salmon was the same as 2016 (\$0.32) but less than the most recent 10-year average price per pound of \$0.43 (Appendix C2). Pink salmon were only incidentally harvested on the North Peninsula during 2017; processors did not purchase any pink salmon. Chum salmon were bought by processors for an average of \$0.27 per pound, which was above the 2016 price of \$0.18, and comparable to the most recent 10-year average of \$0.31 (Appendix C2).

Sockeye salmon made up the majority of the value of the fishery, totaling \$22,681,033, or approximately 99% the total value (Appendix C3). Chum and Chinook salmon were the next most valuable species in that order, at \$163,136 and \$74,517. Coho salmon catches were largely incidental to other targeted species during 2017, and as a result made up a negligible amount of the total exvessel value (Appendix C1).

Drift gillnet permits in the Northern District caught \$21,002,557 worth of salmon, accounting for 93% of the total value of the North Alaska Peninsula fishery. Set gillnet permits in the Northern District accounted for \$1,324,010 (5%) of the value, followed by purse seine permits in the Northwestern District and their catch of \$559,858 (2%; Appendix C3).

## **EMERGENCY ORDERS**

In 2017, there were a total of 32 emergency orders issued concerning North Alaska Peninsula salmon fisheries (Table 23). The first emergency order for the North Alaska Peninsula was issued on June 18 and the last on August 19. 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 and Cold Bay for the Northwestern District in 2017.



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## **TABLES AND FIGURES**

Table 1.—North Alaska Peninsula salmon runs by species, 1962–2017.

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	

-continued-

Table 1.–Page 2 of 5

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1975	Catch	2,093	233,293	28,349	295	8,770	272,800
	Escapement <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

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1988	Catch	16,721	1,528,107	233,966	65,242	393,075	2,237,111
	Escapement <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.

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
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	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.

Year		Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
2012	Catch	1,053	764,388	37,399	1,173	283,035	1,087,048
	Escapement <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>	7,976	2,365,317	103,750	388,271	430,140	
	Total	10,834	6,226,832	110,405	399,612	512,370	
2017	Projected catch	2,000	2,400,000	100,000	25,000	150,000	2,677,000
2007–2016 average							
	Catch	2,500	2,067,301	64,171	107,894 <sup>d</sup>	184,060	2,377,364
	Escapement <sup>a</sup>	13,972	1,057,754	186,454	85,141 <sup>d</sup>	324,592	
	Total	16,468	3,125,055	237,860	193,035 <sup>d</sup>	508,652	

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

<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 odd-numbered years 2007, 2009, 2011, 2013, 2015.

Table 2.—North Alaska Peninsula salmon harvest by species, week, and section, all gear combined, 2017.

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												
05-Jul to 11-Jul	4	12	0	0	49,564	278,872	0	0	356	1,220	476	3,888
12-Jul to 18-Jul <sup>a</sup>	0	-	-	-	-	-	-	-	-	-	-	-
19-Jul to 25-Jul	8	10	1	11	14,114	72,724	19	117	1,770	6,596	416	2,700
Total	10	22	1	11	63,678	351,596	19	117	2,126	7,816	892	6,588
Swanson Lagoon Section <sup>a</sup>												
Total	0	-	-	-	-	-	-	-	-	-	-	-
Bechevin Bay Section <sup>a</sup>												
Total	0	-	-	-	-	-	-	-	-	-	-	-
Izembek-Moffet Bay Section												
21-Jun to 27-Jun	6	6	9	145	6659	42923	0	0	0	0	1	7
28-Jun to 04-Jul	4	7	2	24	6997	37778	0	0	76	243	5518	44103
05-Jul to 11-Jul <sup>b</sup>	-	-	-	-	-	-	-	-	-	-	-	-
12-Jul to 18-Jul	4	8	0	0	7,023	38,426	48	291	235	783	11,822	89,764
19-Jul to 25-Jul	5	7	0	0	1704	9419	20	114	1540	5339	18478	142498
26-Jul to 01-Aug	9	12	4	57	2,952	15,582	56	283	1,016	3,194	20,952	128,933
Total	15	40	15	226	25,335	144,128	124	688	2,867	9,559	56,771	405,305

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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												
28-Jun to 04-Jul	3	3	3	46	2,524	13,886	0	0	0	0	20	120
05-Jul to 11-Jul <sup>a</sup>	0	-	-	-	-	-	-	-	-	-	-	-
12-Jul to 18-Jul <sup>a</sup>	0	-	-	-	-	-	-	-	-	-	-	-
19-Jul to 25-Jul	4	5	7	76	4,513	23,106	0	0	708	2,333	355	2,270
26-Jul to 01-Aug	3	4	0	0	1,202	6,803	4	22	560	1,736	319	2,386
02-Aug to 08-Aug	23	34	1	7	7,583	44,227	240	1,433	1,482	5,863	2,272	15,034
Total	30	46	11	129	15,822	88,022	244	1,455	2,750	9,932	2,966	19,810
Nelson Lagoon Section												
31-May to 06-Jun	14	22	15	200	2,195	10,996	0	0	0	0	0	0
07-Jun to 13-Jun	16	41	36	642	6,496	33,876	0	0	0	0	0	0
14-Jun to 20-Jun	22	58	144	2,532	10,945	57,857	0	0	0	0	0	0
21-Jun to 27-Jun	25	91	107	1,969	25,312	133,602	0	0	0	0	0	0
28-Jun to 04-Jul	26	133	182	3,086	47,805	254,267	0	0	1	3	0	0
05-Jul to 11-Jul	26	178	131	2,378	97,284	535,458	0	0	0	0	5	53
12-Jul to 18-Jul	27	176	33	627	103,880	565,889	0	0	0	0	1	14
19-Jul to 25-Jul	25	120	2	32	36,085	193,524	0	0	0	0	802	6,379
26-Jul to 01-Aug	19	71	2	30	11,074	58,121	15	75	0	0	3,365	22,322
02-Aug to 08-Aug	13	48	0	0	4,548	26,145	88	384	7	21	2,665	21,432
09-Aug to 15-Aug	9	34	0	0	1,938	11,448	226	1,203	0	0	836	6,531
Total	28	972	652	11,496	347,562	1,881,183	329	1,662	8	24	7,674	56,731

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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 sections <sup>b</sup>												
Total	-	-	-	-	-	-	-	-	-	-	-	-
Port Moller Bight Section <sup>b</sup>												
Total	-	-	-	-	-	-	-	-	-	-	-	-
Bear River Section												
07-Jun to 13-Jun	3	3	23	349	446	2,366	0	0	0	0	0	0
14-Jun to 20-Jun	3	3	11	127	288	1,588	0	0	0	0	0	0
21-Jun to 27-Jun <sup>d</sup>	0	-	-	-	-	-	-	-	-	-	-	-
28-Jun to 04-Jul <sup>d</sup>	0	-	-	-	-	-	-	-	-	-	-	-
05-Jul to 11-Jul	7	15	52	898	8,966	53,438	0	0	0	0	50	319
12-Jul to 18-Jul	45	106	42	619	72,095	422,762	0	0	0	0	294	1,877
19-Jul to 25-Jul	50	134	25	194	75,978	429,537	10	60	15	45	1,553	10,072
26-Jul to 01-Aug	36	128	1	26	66,629	391,721	241	1,440	85	284	3,012	19,458
02-Aug to 08-Aug <sup>d</sup>	0	-	-	-	-	-	-	-	-	-	-	-
09-Aug to 15-Aug	51	136	2	55	54,656	313,031	651	3,920	50	240	1,473	10,115
16-Aug to 22-Aug	11	14	0	0	9,869	51,161	55	331	117	405	107	627
Total <sup>c</sup>	97	539	161	2,268	288,927	1,665,604	957	5,751	267	974	6,489	42,468
Three Hills Section												
05-Jul to 11-Jul	22	27	3	24	16,699	108,549	0	0	0	0	53	321
12-Jul to 18-Jul	15	16	1	31	10,488	62,090	0	0	0	0	65	455
19-Jul to 25-Jul	17	28	3	50	14,779	85,385	35	232	0	0	481	3,090
26-Jul to 01-Aug	30	50	5	91	24,799	140,589	707	4,720	102	310	1,116	7,149
02-Aug to 08-Aug <sup>d</sup>	0	-	-	-	-	-	-	-	-	-	-	-
09-Aug to 15-Aug	32	61	1	26	22,368	124,361	692	4,260	202	813	253	1,540
Total <sup>c</sup>	72	182	13	222	89,133	520,974	1,434	9,212	304	1,123	1,968	12,555

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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												
14 Jun–20 Jun	90	152	190	2,925	139,469	782,594	1	5	0	0	78	448
21-Jun to 27-Jun	113	614	679	11,677	474,490	2,843,285	0	0	4	16	187	1,280
28-Jun to 04-Jul	137	659	338	5,385	571,130	3,470,553	0	0	4	16	281	1,936
05-Jul to 11-Jul	127	813	275	4,553	554,923	3,277,063	0	0	30	90	180	1,220
12-Jul to 18-Jul	123	563	86	1,664	444,450	2,567,258	2	12	10	50	113	742
19-Jul to 25-Jul	112	348	55	978	234,533	1,354,287	454	2,874	832	2,479	1,369	8,354
26-Jul to 01-Aug	34	131	8	109	95,410	532,229	2,225	12,349	1,744	5,277	2,455	14,275
02-Aug to 08-Aug <sup>d</sup>	0	-	-	-	-	-	-	-	-	-	-	-
09-Aug to 15-Aug	41	67	0	0	14,122	75,465	768	4,607	199	711	225	1,299
<b>Total</b>	<b>128</b>	<b>3,347</b>	<b>1,631</b>	<b>27,291</b>	<b>2,528,527</b>	<b>14,902,734</b>	<b>3,450</b>	<b>19,847</b>	<b>2,823</b>	<b>8,639</b>	<b>4,888</b>	<b>29,554</b>
Harbor Point to Outer Port Heiden (Port Moller Bight, Bear River, Three Hills, Ilnik, and Outer Port Heiden sections combined)												
31-May to 06-Jun <sup>b</sup>	-	-	-	-	-	-	-	-	-	-	-	-
07-Jun to 13-Jun	4	3	23	349	446	2,366	0	0	0	0	0	0
14-Jun to 20-Jun	93	155	201	3,052	139,757	784,182	1	5	0	0	78	448
21-Jun to 27-Jun	114	721	852	14,238	554,432	3,350,342	0	0	4	16	210	1,415
28-Jun to 04-Jul	128	872	519	7,905	756,700	4,557,979	0	0	5	21	345	2,325
05-Jul to 11-Jul	128	987	341	5,672	684,212	4,088,220	0	0	30	90	285	1,872
12-Jul to 18-Jul	126	761	134	2,408	583,046	3,378,016	2	12	10	50	472	3,074
19-Jul to 25-Jul	116	623	92	1,393	399,677	2,302,002	582	3,657	1,042	3,060	3,888	24,470
26-Jul to 01-Aug	68	314	14	226	189,833	1,084,161	3,188	18,599	1,931	5,871	6,591	40,930
02-Aug to 08-Aug	9	15	0	0	0	0	0	0	0	0	0	0
09-Aug to 15-Aug	63	264	3	81	91,146	512,857	2,111	12,787	451	1,764	1,951	12,954
16-Aug to 22-Aug	12	14	0	0	9,869	51,161	55	331	117	405	107	627
<b>Total<sup>c</sup></b>	<b>132</b>	<b>4,729</b>	<b>2,179</b>	<b>35,324</b>	<b>3,409,118</b>	<b>20,111,286</b>	<b>5,939</b>	<b>35,391</b>	<b>3,590</b>	<b>11,277</b>	<b>13,927</b>	<b>88,115</b>

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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	59	107	168	2,561	79,942	507,057	0	0	0	0	23	135
28-Jun to 04-Jul	56	213	181	2,520	185,570	1,087,426	0	0	1	5	64	389
05-Jul to 11-Jul	66	132	11	198	103,624	649,170	0	0	0	0	2	12
12-Jul to 18-Jul	56	76	5	94	56,013	325,906	0	0	0	0	0	0
19-Jul to 25-Jul	41	113	9	171	74,387	432,793	83	492	195	536	485	2,954
26-Jul to 01-Aug	5	5	0	0	2,995	19,622	15	90	0	0	8	48
Total	89	646	374	5,544	502,531	3,021,975	98	582	196	541	582	3,538
Entire North Peninsula												
31-May to 06-Jun	15	22	15	200	2,195	10,996	0	0	0	0	0	0
07-Jun to 13-Jun	20	44	59	991	6,942	36,242	0	0	0	0	0	0
14-Jun to 20-Jun	113	213	345	5,584	150,702	842,039	1	5	0	0	78	448
21-Jun to 27-Jun	140	818	968	16,352	586,403	3,526,867	0	0	4	16	211	1,422
28-Jun to 04-Jul	158	1,015	706	11,061	814,026	4,863,910	0	0	82	267	5,883	46,548
05-Jul to 11-Jul	159	1,177	472	8,050	831,060	4,902,550	0	0	386	1,310	766	5,813
12-Jul to 18-Jul	156	945	167	3,035	693,949	3,982,331	50	303	245	833	12,295	92,852
19-Jul to 25-Jul	145	765	102	1,512	456,093	2,600,775	621	3,888	5,060	17,328	23,939	178,317
26-Jul to 01-Aug	96	401	20	313	205,061	1,164,667	3,263	18,979	3,507	10,801	31,227	194,571
02-Aug to 08-Aug	43	82	1	7	12,131	70,372	328	1,817	1,489	5,884	4,937	36,466
09-Aug to 15-Aug	72	298	3	81	93,084	524,305	2,337	13,990	451	1,764	2,787	19,485
16-Aug to 22-Aug	12	14	0	0	9,869	51,161	55	331	117	405	107	627
Total <sup>e</sup>	162	5,794	2,858	47,186	3,861,515	22,576,215	6,655	39,313	11,341	38,608	82,230	576,549

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

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

<sup>b</sup> Confidentiality requirements prohibit reporting the harvest. Totals include numbers omitted for confidentiality purposes.

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

<sup>d</sup> Fishery closed.

<sup>e</sup> This total differs from the sum of the individual sections because it includes numbers omitted from other areas due to confidentiality requirements.

Table 3.—Northern District Chinook salmon runs in number of fish, by section, 1962–2017.

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 7.

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 7.

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
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 7.

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 7.

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 7.

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 7.

Year		Cinder River Section	Outer Port Heiden Section <sup>a</sup>	Inner Port Heiden Section	Three Hills and Innik 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	0	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	0	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	1,852	1,375	7,976
	Total <sup>e</sup>	1,500	374	1,225	1,653	2,176	0	2,504	1,386	10,818
2007–2016 average										
	Catch	0	401	0	862	464	8	724	28	2,487
	Escapement	4,027	0	3,296	12	1,535	8	2,870	2,227	13,972
	Total	4,027	401	3,296	874	1,998	16	3,594	2,255	16,460

Note: Catch numbers do not include test fish 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.

<sup>e</sup> This aggregate includes numbers omitted for confidentiality purposes.

Table 4.—Northern District sockeye salmon runs in number of fish, by section, 1962–2017.

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
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.

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
1970	Catch	0	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	15,300	800	294,000	310,100	0	82,400	1,400	409,500
	Total	1,500	0	14,100	36,311	800	403,209	440,320	1,672	134,443	1,421	593,456
1971	Catch	0	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	26,100	400	281,000	307,500	200	60,100	500	401,100
	Total	2,000	0	30,800	42,253	41,329	519,628	603,210	1,501	107,636	500	745,647
1972	Catch	0	0	2	4,478	7,513	136,160	148,151	1,006	23,227	0	172,386
	Escapement <sup>e</sup>	400	0	3,500	13,100	0	135,400	148,500	0	28,000	0	180,400
	Total	400	0	3,502	17,578	7,513	271,560	296,651	1,006	51,227	0	352,786
1973	Catch	0	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	146,100	0	18,700	0	173,200
	Total	1,200	0	7,200	16,000	16,659	247,778	280,437	3,287	42,596	0	334,720
1974	Catch	0	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	281,100	0	39,900	1,800	325,500
	Total	1,300	0	1,400	14,500	46,995	423,957	485,452	7,730	65,511	1,834	563,227
1975	Catch	0	0	644	411	8,296	165,730	174,437	3,739	51,519	0	230,339
	Escapement <sup>e</sup>	900	0	5,100	40,500	300	310,000	350,800	100	138,600	2,000	497,500
	Total	900	0	5,744	40,911	8,596	475,730	525,237	3,839	190,119	2,000	727,839
1976	Catch	3	0	4,973	11,954	207,765	310,869	530,588	9,912	74,914	0	620,390
	Escapement <sup>e</sup>	6,300	0	30,300	15,100	600	328,000	343,700	500	108,900	7,400	497,100
	Total	6,303	0	35,273	27,054	208,365	638,869	874,288	10,412	183,814	7,400	1,117,490
1977	Catch	8	0	3,416	12,592	85,295	268,676	366,563	11,061	56,314	44	437,406
	Escapement <sup>e</sup>	3,900	0	23,600	20,600	100	265,200	285,900	13,500	155,000	4,100	486,000
	Total	3,908	0	27,016	33,192	85,395	533,876	652,463	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
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.

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
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>e</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>e</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>e</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>e</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>e</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>e</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>e</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>e</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
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.

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
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>e</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>e</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>e</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>e</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>e</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>e</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>e</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>e</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	0	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	0	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
2007-2016 average											
Catch	2	507,657	265	802,698	119,659	362,636	1,284,993	297	206,326	27,197	1,952,588
Escapement <sup>e</sup>	123,572	20	89,066	63,030	1,691	453,650	518,371	4,522	217,990	20,350	973,891
Total	123,574	507,677	89,331	865,728	121,349	816,287	1,803,364	4,819	424,316	47,547	3,000,882

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

<sup>a</sup> Outer Port Heiden Section catches occurred only between 1986 and 1989. 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> This aggregate includes numbers 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, 2017.

Catch date	Permits <sup>a</sup>	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
29-May to 11-Jun <sup>b</sup>	-	-	-	-	-	-	-
12-Jun	4	6	30	511	0	0	12
13-Jun	3	4	61	1,324	0	0	5
14-Jun	4	5	13	318	0	0	4
15-Jun <sup>c</sup>	-	-	-	-	-	-	-
16-Jun to 17 Jun <sup>d</sup>	0	-	-	-	-	-	-
19-Jun <sup>c</sup>	-	-	-	-	-	-	-
20-Jun	91	153	200	139,622	1	0	94
21-Jun	83	117	159	92,399	0	4	47
22-Jun	45	56	60	37,098	0	0	16
23-Jun	86	130	254	96,885	0	0	44
24-Jun	33	33	30	24,234	0	0	9
25-Jun <sup>d</sup>	0	-	-	-	-	-	-
26-Jun	109	201	157	162,046	0	0	76
27-Jun	72	81	28	62,019	0	0	16
28-Jun	87	115	80	98,609	0	0	25
29-Jun	68	89	55	78,673	0	0	9
30-Jun	73	91	53	95,569	0	4	71
1-Jul to 2-Jul <sup>c</sup>	-	-	-	-	-	-	-
3-Jul	128	222	116	169,144	0	0	63
4-Jul	115	152	48	114,907	0	0	124
5-Jul	107	151	50	102,380	0	0	11
6-Jul	100	135	42	68,823	0	0	22
7-Jul	73	98	101	92,020	0	0	6
8-Jul	105	165	79	113,753	0	34	107
9-Jul	77	104	21	66,744	0	0	40
10-Jul	94	106	30	66,613	0	0	99
11-Jul	95	110	23	75,154	0	0	48
12-Jul	61	65	22	62,357	0	0	93
13-Jul	105	130	16	83,533	0	10	34
14-Jul	107	136	11	90,688	0	0	35
15-Jul	82	89	20	71,612	0	0	31
16-Jul	86	104	34	88,798	2	0	94
17-Jul	61	64	12	46,969	0	0	2
18-Jul	71	104	15	84,143	0	0	204
19-Jul	45	57	7	53,583	4	0	48
20-Jul	85	109	22	80,960	25	0	392
21-Jul	68	74	18	52,351	12	15	154
22-Jul	76	99	13	52,518	36	4	379
23-Jul	61	64	4	20,321	53	42	666
24-Jul	58	69	16	36,202	232	633	863
25-Jul	47	48	3	31,586	137	157	939
26-Jul	53	65	4	48,920	444	406	1,910

-continued-

Table 5.–Page 2 of 2.

Catch date	Permits <sup>a</sup>	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
27-Jul	43	49	2	36,127	314	959	1,750
28-Jul	44	54	2	26,238	385	0	862
29-Jul	47	62	4	36,340	820	391	1,253
30-Jul	26	27	0	11,789	431	3	401
31-Jul	44	60	2	28,483	783	172	516
1-Aug to 8-Aug <sup>c</sup>	-	-	-	-	-	-	-
9-Aug	44	44	2	18,393	111	14	672
10-Aug	51	56	0	10,840	229	78	301
11-Aug	51	60	1	17,825	566	189	417
12-Aug	9	9	0	2,242	303	71	45
13-Aug	5	6	0	755	2	0	32
14-Aug	24	25	0	9,212	53	0	317
15-Aug	53	76	0	34,790	878	99	399
16-Aug to 18-Aug <sup>e</sup>	0	-	-	-	-	-	-
19-Aug	12	12	0	9,048	55	109	104
20-Aug	4	4	0	1,119	0	8	5
Total <sup>f</sup>	132	4,154	1,920	2,906,587	5,883	3,402	14,098

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

- <sup>a</sup> Total permits includes total number of unique permits fished.
- <sup>b</sup> Harvest from May 29 to June 11 are omitted for confidentiality purposes.
- <sup>c</sup> Confidentiality rules prohibit reporting.
- <sup>d</sup> Fishery closed.
- <sup>e</sup> No fishing effort occurred on this date.
- <sup>f</sup> Aggregates include harvest omitted for confidentiality purposes.

Table 6.–North Peninsula coho salmon harvest in number of fish by district and section, 2007–2017.

Section	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2007– 2016 average
Northwestern District												
Dublin Bay	0	0	0	0	0	0	0	0	0	0	0	0
Urilia Bay	0	0	0	0	0	7	0	0	0	0	19	1
Swanson Lagoon	10	0	0	27	9	0	0	0	0	0	0	4
Bechevin Bay	3	41	50	272	905	37	0	0	0	0	0	131
Izembek - Moffet Bay	142	1	0	226	1,533	1,937	25	6,311	599	2,379	124	1,315
Northwestern District total	155	42	50	525	2,447	1,981	25	6,311	599	2,379	143	1,451
Northern District												
Black Hills	71	2,419	743	1,026	596	3,929	323	808	239	689	244	1,084
Caribou Flats <sup>a</sup>	0	0	0	0	0	0	0	0	0	0	0	0
Nelson Lagoon	47,647	54,282	37,060	44,821	13,119	31,476	21,734	58,849	41,574	27,312	329	37,787
Herendeen - Moller Bay <sup>b</sup>	<sup>c</sup>	1	0	0	3	0	0	2	6	0	<sup>c</sup>	1
Bear River	9,076	33,400	9,809	9,632	2,195	0	2,298	9,705	7,617	3,585	957	8,732
Three Hills	4,111	10,646	6,862	2,193	637	0	1,162	6,526	2,157	4,715	1,434	3,901
Ilnik	7,281	24,428	11,682	3,112	432	3	1,674	22,167	4,621	34,353	3,450	10,975
Inner Port Heiden	0	0	0	0	0	0	0	0	0	0	0	0
Outer Port Heiden <sup>c</sup>	628	19	507	838	11	10	40	8	326	5	98	239
Cinder River	0	0	<sup>c</sup>	0	0	0	<sup>c</sup>	<sup>c</sup>	0	<sup>c</sup>	<sup>c</sup>	0
Northern District total	68,814	125,195	66,663	61,622	16,993	35,418	27,231	98,065	56,540	70,659	6,512	62,720
North Peninsula total	68,969	125,237	66,713	62,147	19,440	37,399	27,256	104,376	57,139	73,038	6,655	64,171

Note: Catch numbers do not include test fish 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, 1962–2017.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Uria bays & Swanson Lagoon <sup>a,b</sup>	Northwestern District total
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 5.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Uria bays & Swanson Lagoon <sup>a,b</sup>	Northwestern District total
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 5.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Uralia bays & Swanson Lagoon <sup>a,b</sup>	Northwestern District total
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 5.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Uralia bays & Swanson Lagoon <sup>a,b</sup>	Northwestern District total
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

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Table 7.–Page 5 of 5.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Uria bays & Swanson Lagoon <sup>a,b</sup>	Northwestern District total
2009	Catch	343	274,510	274,853
	Escapement <sup>c</sup>	2,400	72,000	74,400
	Total	2,743	346,510	349,253
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
2007–2016 average <sup>d</sup>				
	Catch	3,155	102,760	105,915
	Escapement <sup>c</sup>	7,810	45,280	53,090
	Total	10,965	148,040	159,005

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

<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 odd-numbered years 2007, 2009, 2011, 2013, and 2015.

Table 8.—Northern District chum salmon runs in number of fish, 1962–2017.

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
2007–2016 average <sup>d</sup>									
Catch	<sup>c</sup>	5,857	0	12,704	12,036	12,706	5,214	17,163	62,351
Escapement <sup>a</sup>	22,190	1,700	20,338	3,621	7,727	107,901	7,000	9,962	180,439
Total	22,190	7,557	20,338	15,460	19,763	118,066	12,214	27,125	242,789

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

<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 include information not provided due to confidentiality requirements.

Table 9.—Northwestern District chum salmon runs in number of fish, 1962–2017.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Urilia 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 5.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Uralia 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 5.

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 5.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Urilia 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 5.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Urilia bays & Swanson Lagoon <sup>a,b</sup>	Northwestern District total
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
<hr/>				
2007–2016 average				
	Catch	100,734	20,975	121,709
	Escapement <sup>c</sup>	104,417	40,337	144,754
	Total	205,150	61,312	266,462

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

<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, 2017.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
4-Jun	0	0	0	0	0	0	0	0
5-Jun	0	0	0	0	0	0	0	0
6-Jun	0	0	0	0	0	0	0	0
7-Jun	1	0	0	0	1	0	0	0
8-Jun	0	0	0	0	1	0	0	0
9-Jun	2	0	0	0	3	0	0	0
10-Jun	0	0	0	0	3	0	0	0
11-Jun	0	0	0	0	3	0	0	0
12-Jun	5	0	0	0	8	0	0	0
13-Jun	8	0	0	0	16	0	0	0
14-Jun	7	0	0	0	23	0	0	0
15-Jun	6	0	0	0	29	0	0	0
16-Jun	23	0	1	0	52	0	1	0
17-Jun	8	0	0	0	60	0	1	0
18-Jun	12	0	0	0	72	0	1	0
19-Jun	4	0	0	0	76	0	1	0
20-Jun	8	0	0	0	84	0	1	0
21-Jun	75	0	0	0	159	0	1	0
22-Jun	68	0	0	0	227	0	1	0
23-Jun	21	0	0	0	248	0	1	0
24-Jun	27	0	1	0	275	0	2	0
25-Jun	27	1	0	0	302	1	2	0
26-Jun	114	0	1	0	416	1	3	0
27-Jun	13	0	2	0	429	1	5	0
28-Jun	6	1	0	0	435	2	5	0
29-Jun	1	0	0	0	436	2	5	0
30-Jun	6	1	0	0	442	3	5	0
1-Jul	12	1	2	0	454	4	7	0
2-Jul	67	10	3	0	521	14	10	0
3-Jul	189	49	4	0	710	63	14	0
4-Jul	34	22	3	0	744	85	17	0
5-Jul	22	8	0	0	766	93	17	0
6-Jul	49	10	4	0	815	103	21	0
7-Jul	9	5	1	0	824	108	22	0
8-Jul	4	6	5	0	828	114	27	0
9-Jul	41	14	2	0	869	128	29	0
10-Jul	22	9	1	0	891	137	30	0
11-Jul	11	19	1	0	902	156	31	0
12-Jul	23	9	0	0	925	165	31	0
13-Jul	16	14	1	0	941	179	32	0
14-Jul	40	29	11	0	981	208	43	0
15-Jul	22	64	5	0	1,003	272	48	0
16-Jul	27	69	15	0	1,030	341	63	0
17-Jul	142	103	45	0	1,172	444	108	0

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Table 10.—Page 2 of 2

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
18-Jul	30	83	49	0	1,202	527	157	0
19-Jul	2	53	25	0	1,204	580	182	0
20-Jul	82	134	337	0	1,286	714	519	0
21-Jul	26	79	96	0	1,312	793	615	0
22-Jul	56	85	144	0	1,368	878	759	0
23-Jul	47	98	272	0	1,415	976	1,031	0
24-Jul	64	87	418	0	1,479	1,063	1,449	0
25-Jul	15	157	316	0	1,494	1,220	1,765	0
26-Jul	8	211	803	0	1,502	1,431	2,568	0

Table 11.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Bear River weir, 2017.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
Prior to 1-Jul	1	7	0	0	1	7	0	0
1-Jul	0	0	0	0	1	7	0	0
2-Jul	0	0	0	0	1	7	0	0
3-Jul	0	2	0	0	1	9	0	0
4-Jul	0	17	0	0	1	26	0	0
5-Jul	0	10	0	0	1	36	0	0
6-Jul	0	11	0	0	1	47	0	0
7-Jul	0	17	0	0	1	64	0	0
8-Jul	1	10	0	0	2	74	0	0
9-Jul	0	26	0	0	2	100	0	0
10-Jul	0	15	0	0	2	115	0	0
11-Jul	0	14	0	0	2	129	0	0
12-Jul	0	5	1	0	2	134	1	0
13-Jul	0	32	0	0	2	166	1	0
14-Jul	0	22	0	0	2	188	1	0
15-Jul	0	38	0	0	2	226	1	0
16-Jul	0	26	0	0	2	252	1	0
17-Jul	0	106	0	0	2	358	1	0
18-Jul	0	55	0	0	2	413	1	0
19-Jul	0	3	0	0	2	416	1	0
20-Jul	0	17	0	0	2	433	1	0
21-Jul	0	56	0	0	2	489	1	0
22-Jul	2	32	0	0	4	521	1	0
23-Jul	0	37	0	0	4	558	1	0
24-Jul	0	112	1	0	4	670	2	0
25-Jul	0	92	1	0	4	762	3	0
26-Jul	0	31	0	0	4	793	3	0
27-Jul	0	48	0	0	4	841	3	0
28-Jul	0	71	2	0	4	912	5	0
29-Jul	0	212	1	0	4	1,124	6	0
30-Jul	0	256	0	0	4	1,380	6	0
31-Jul	0	340	0	0	4	1,720	6	0
1-Aug	0	284	2	0	4	2,004	8	0
2-Aug	6	316	8	0	10	2,320	16	0
3-Aug	3	216	6	0	13	2,536	22	0
4-Aug	1	136	2	0	14	2,672	24	0
5-Aug	3	45	9	0	17	2,717	33	0
6-Aug	1	81	7	0	18	2,798	40	0
7-Aug	2	304	13	0	20	3,102	53	0
8-Aug	5	219	13	0	25	3,321	66	0
9-Aug	6	143	17	0	31	3,464	83	0

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Table 11.–Page 2 of 2.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
10-Aug	6	80	10	0	37	3,544	93	0
11-Aug	3	78	16	0	40	3,622	109	0
12-Aug	0	10	5	0	40	3,632	114	0
13-Aug	2	49	7	0	42	3,681	121	0
14-Aug	1	121	21	0	43	3,802	142	0
15-Aug	0	173	11	0	43	3,975	153	0
16-Aug	1	158	24	0	44	4,133	177	0
17-Aug	3	201	14	0	47	4,334	191	0
18-Aug	0	70	18	0	47	4,404	209	0
19-Aug	6	184	36	0	53	4,588	245	0
20-Aug	3	141	20	0	56	4,729	265	0
21-Aug	0	66	11	0	56	4,795	276	0
22-Aug	0	103	37	0	56	4,898	313	0
23-Aug	5	122	30	0	61	5,020	343	0
24-Aug	1	158	24	0	62	5,178	367	0
25-Aug	0	73	14	0	62	5,251	381	0

Table 12.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Sandy River weir, 2017.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
Prior to 21-Jun	0	0	0	0	0	0	0	0
22-Jun	2	0	0	0	2	0	0	0
23-Jun	1	0	0	0	3	0	0	0
24-Jun	0	0	0	0	3	0	0	0
25-Jun	1	0	0	0	4	0	0	0
26-Jun	0	0	0	0	4	0	0	0
27-Jun	0	0	0	0	4	0	0	0
28-Jun	0	0	0	0	4	0	0	0
29-Jun	0	0	0	0	4	0	0	0
30-Jun	1	0	0	0	5	0	0	0
1-Jul	0	0	0	0	5	0	0	0
2-Jul	1	0	0	0	6	0	0	0
3-Jul	0	0	0	0	6	0	0	0
4-Jul	2	0	0	0	8	0	0	0
5-Jul	1	0	0	0	9	0	0	0
6-Jul	5	0	0	0	14	0	0	0
7-Jul	8	16	0	0	22	16	0	0
8-Jul	7	4	0	0	29	20	0	0
9-Jul	0	5	0	0	29	25	0	0
10-Jul	11	5	0	0	40	30	0	0
11-Jul	1	9	1	0	41	39	1	0
12-Jul	1	10	3	0	42	49	4	0
13-Jul	6	120	7	0	48	169	11	0
14-Jul	32	188	14	0	80	357	25	0
15-Jul	3	66	3	0	83	423	28	0
16-Jul	20	98	8	0	103	521	36	0
17-Jul	45	176	10	0	148	697	46	0
18-Jul	5	115	5	0	153	812	51	0
19-Jul	9	158	8	0	162	970	59	0
20-Jul	3	152	0	0	165	1,122	59	0
21-Jul	36	164	12	0	201	1,286	71	0
22-Jul	19	170	8	0	220	1,456	79	0
23-Jul	33	262	12	0	253	1,718	91	0

Table 13.—Chinook, pink, chum, and coho salmon daily and cumulative escapement counts through the Ilnik River weir, 2017.

Date	Daily				Cumulative			
	Chinook	Pink	Chum	Coho	Chinook	Pink	Chum	Coho
14-Jun	0	0	0	0	0	0	0	0
15-Jun	0	0	0	0	0	0	0	0
16-Jun	0	0	0	0	0	0	0	0
17-Jun	0	0	0	0	0	0	0	0
18-Jun	0	0	0	0	0	0	0	0
19-Jun	0	0	0	0	0	0	0	0
20-Jun	1	0	0	0	1	0	0	0
21-Jun	0	0	0	0	1	0	0	0
22-Jun	0	0	0	0	1	0	0	0
23-Jun	0	0	0	0	1	0	0	0
24-Jun	0	0	0	0	1	0	0	0
25-Jun	0	0	0	0	1	0	0	0
26-Jun	0	0	0	0	1	0	0	0
27-Jun	0	0	0	0	1	0	0	0
28-Jun	0	0	0	0	1	0	0	0
29-Jun	0	0	0	0	1	0	0	0
30-Jun	0	0	0	0	1	0	0	0
1-Jul	0	10	0	0	1	10	0	0
2-Jul	0	11	0	0	1	21	0	0
3-Jul	1	17	0	0	2	38	0	0
3-Jul	1	37	0	0	3	75	0	0
4-Jul	2	31	0	0	5	106	0	0
5-Jul	0	42	0	0	5	148	0	0
6-Jul	0	66	0	0	5	214	0	0
7-Jul	0	51	0	0	5	265	0	0
8-Jul	0	60	0	0	5	325	0	0
9-Jul	0	179	0	0	5	504	0	0
10-Jul	0	123	0	0	5	627	0	0
11-Jul	0	211	0	0	5	838	0	0
12-Jul	1	173	0	0	6	1,011	0	0
13-Jul	0	358	0	0	6	1,369	0	0
14-Jul	0	247	0	0	6	1,616	0	0
15-Jul	0	83	0	0	6	1,699	0	0
16-Jul	0	7	0	0	6	1,706	0	0

Table 14.—Historical North Alaska Peninsula sockeye salmon escapements and escapement goals, 1986–2017.

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
1986			272,500						26,230		25,650	
1987			258,000						28,290		17,900	
1988			310,000						35,900		1,800	
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	200k to 250k	115,000		75,000		44,900		83,400	
1995	329,400	100k to 150k	305,000		125,000		39,000		85,610	10k to 20k	47,500	6k to 12k
1996	250,500		367,000		64,000		62,000		60,000		60,000	
1997	183,100		360,000		38,000		82,000		40,000		33,000	
1998	159,800		415,000		52,000		50,000		56,025		42,903	
1999	202,067		350,000		58,000	40k to 60k	75,000		75,575		14,400	
2000	182,700		275,000		40,000		95,000		183,100		53,200	
2001	201,962		300,000		51,000		58,000		111,700		46,239	
2002	315,693		275,000		49,000		43,000		37,650		10,790	
2003	343,511		366,000		66,000		69,000		153,600		102,700	
2004	480,097		435,000		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	
2008	141,600		321,000		32,200		44,300		89,750		129,800	
2009	157,000		349,500		36,000		66,000		88,200		133,600	
2010	108,000	97k to 219k	369,500	293k to 488k	37,000		59,000		67,700		108,900	12k to 48k
2011	89,000		340,000		37,500	34k to 74k	43,000		94,200		106,000	
2012	103,300		289,600		27,100		61,000		47,600	25k to 100k	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	
2007–2016												
Avg.	183,390		393,060		60,150		62,630		87,196		123,572	

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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, 2017.

Date	Daily			Cumulative			Daily percent		Cumulative percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
4-Jun	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
5-Jun	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
6-Jun	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
7-Jun	40	0	40	40	0	40	100.0%	0.0%	0.0%	0.0%	0.0%
8-Jun	0	0	0	40	0	40	0.0%	0.0%	0.0%	0.0%	0.0%
9-Jun	88	0	88	128	0	128	100.0%	0.0%	0.0%	0.0%	0.0%
10-Jun	19	0	19	147	0	147	100.0%	0.0%	0.0%	0.0%	0.0%
11-Jun	37	0	37	184	0	184	100.0%	0.0%	0.1%	0.0%	0.1%
12-Jun	128	0	128	312	0	312	100.0%	0.0%	0.1%	0.0%	0.1%
13-Jun	237	1	238	549	1	550	99.6%	0.4%	0.2%	0.1%	0.2%
14-Jun	41	0	41	590	1	591	100.0%	0.0%	0.2%	0.1%	0.2%
15-Jun	222	1	223	812	2	814	99.6%	0.4%	0.2%	0.1%	0.2%
16-Jun	289	0	289	1,101	2	1,103	100.0%	0.0%	0.3%	0.1%	0.3%
17-Jun	82	0	82	1,183	2	1,185	100.0%	0.0%	0.3%	0.1%	0.3%
18-Jun	709	0	709	1,892	2	1,894	100.0%	0.0%	0.5%	0.1%	0.5%
19-Jun	102	0	102	1,994	2	1,996	100.0%	0.0%	0.6%	0.1%	0.6%
20-Jun	508	4	512	2,502	6	2,508	99.2%	0.8%	0.7%	0.4%	0.7%
21-Jun	2,378	0	2,378	4,880	6	4,886	100.0%	0.0%	1.4%	0.4%	1.4%
22-Jun	2,177	2	2,179	7,057	8	7,065	99.9%	0.1%	2.0%	0.5%	2.0%
23-Jun	1,596	0	1,596	8,653	8	8,661	100.0%	0.0%	2.4%	0.5%	2.4%
24-Jun	2,492	2	2,494	11,145	10	11,155	99.9%	0.1%	3.1%	0.6%	3.1%
25-Jun	4,858	3	4,861	16,003	13	16,016	99.9%	0.1%	4.5%	0.8%	4.5%
26-Jun	4,560	10	4,570	20,563	23	20,586	99.8%	0.2%	5.8%	1.4%	5.8%
27-Jun	3,563	3	3,566	24,126	26	24,152	99.9%	0.1%	6.8%	1.5%	6.7%
28-Jun	4,125	12	4,137	28,251	38	28,289	99.7%	0.3%	7.9%	2.2%	7.9%
29-Jun	3,668	14	3,682	31,919	52	31,971	99.6%	0.4%	9.0%	3.1%	8.9%
30-Jun	3,650	20	3,670	35,569	72	35,641	99.5%	0.5%	10.0%	4.3%	10.0%
1-Jul	5,699	17	5,716	41,268	89	41,357	99.7%	0.3%	11.6%	5.3%	11.6%
2-Jul	12,598	34	12,632	53,866	123	53,989	99.7%	0.3%	15.1%	7.3%	15.1%

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Date	Daily			Cumulative			Daily percent		Cumulative percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
3-Jul	16,093	54	16,147	69,959	177	70,136	99.7%	0.3%	19.6%	10.5%	19.6%
4-Jul	10,472	34	10,506	80,431	211	80,642	99.7%	0.3%	22.6%	12.5%	22.5%
5-Jul	11,923	33	11,956	92,354	244	92,598	99.7%	0.3%	25.9%	14.4%	25.9%
6-Jul	20,212	62	20,274	112,566	306	112,872	99.7%	0.3%	31.6%	18.1%	31.5%
7-Jul	23,152	67	23,219	135,718	373	136,091	99.7%	0.3%	38.1%	22.0%	38.0%
8-Jul	14,613	61	14,674	150,331	434	150,765	99.6%	0.4%	42.2%	25.6%	42.1%
9-Jul	24,090	57	24,147	174,421	491	174,912	99.8%	0.2%	49.0%	29.0%	48.9%
10-Jul	8,575	53	8,628	182,996	544	183,540	99.4%	0.6%	51.4%	32.1%	51.3%
11-Jul	10,344	71	10,415	193,340	615	193,955	99.3%	0.7%	54.3%	36.3%	54.2%
12-Jul	6,226	60	6,286	199,566	675	200,241	99.0%	1.0%	56.0%	39.9%	55.9%
13-Jul	10,748	97	10,845	210,314	772	211,086	99.1%	0.9%	59.0%	45.6%	59.0%
14-Jul	17,072	86	17,158	227,386	858	228,244	99.5%	0.5%	63.8%	50.7%	63.8%
15-Jul	14,728	83	14,811	242,114	941	243,055	99.4%	0.6%	68.0%	55.6%	67.9%
16-Jul	13,666	103	13,769	255,780	1,044	256,824	99.3%	0.7%	71.8%	61.7%	71.7%
17-Jul	17,138	89	17,227	272,918	1,133	274,051	99.5%	0.5%	76.6%	66.9%	76.6%
18-Jul	10,971	82	11,053	283,889	1,215	285,104	99.3%	0.7%	79.7%	71.8%	79.6%
19-Jul	8,914	73	8,987	292,803	1,288	294,091	99.2%	0.8%	82.2%	76.1%	82.2%
20-Jul	19,858	114	19,972	312,661	1,402	314,063	99.4%	0.6%	87.8%	82.8%	87.7%
21-Jul	10,943	70	11,013	323,604	1,472	325,076	99.4%	0.6%	90.8%	86.9%	90.8%
22-Jul	10,594	55	10,649	334,198	1,527	335,725	99.5%	0.5%	93.8%	90.2%	93.8%
23-Jul	7,824	37	7,861	342,022	1,564	343,586	99.5%	0.5%	96.0%	92.4%	96.0%
24-Jul	5,708	34	5,742	347,730	1,598	349,328	99.4%	0.6%	97.6%	94.4%	97.6%
25-Jul	4,216	60	4,276	351,946	1,658	353,604	98.6%	1.4%	98.8%	97.9%	98.8%
26-Jul <sup>a</sup>	4,328	35	4,363	356,274	1,693	357,967	99.2%	0.8%	100.0%	100.0%	100.0%
Total	356,274	1,693	357,967								
Post-weir escapement estimate:			23,033 <sup>b</sup>								
Estimated total sockeye escapement:			381,000								

<sup>a</sup> Weir removed the following day.

<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 16.—Bear River sockeye salmon early- and late-run escapement, late-run commercial catch, and total Bear River late-run by year, 1986–2017.

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>
1986	174,453	98,047	254,650	352,697
1987	168,683	89,317	47,251	136,568
1988	169,363	140,637	231,717	372,354
1989	246,196	204,804	324,994	529,798
1990	283,854	262,946	635,780	898,726
1991	432,087	173,913	634,393	808,306
1992	254,170	195,830	636,231	832,061
1993	254,012	197,988	761,993	959,981
1994	260,559	204,441	791,466	995,907
1995	197,039	107,961	1,150,246	1,258,207
1996	247,371	119,629	399,086	518,715
1997	214,689	145,311	399,917	545,228
1998	221,580	193,420	296,518	489,938
1999	222,110	127,890	637,917	765,807
2000	184,053	90,947	619,264	710,211
2001	177,495	122,505	353,358	475,863
2002	179,480	95,520	298,895	394,415
2003	226,201	139,799	192,067	331,866
2004	354,565	80,435	4,947	85,382
2005	332,248	221,752	423,762	645,514
2006	262,995	182,005	360,792	542,797
2007	206,233	224,767	718,983	943,750
2008	125,526	195,474	674,856	870,330
2009	216,237	133,263	324,650	457,913
2010	226,534	142,966	298,062	441,028
2011	207,451	132,549	75,234	207,783
2012	173,158	116,442	0	116,442
2013	219,074	196,926	100,485	297,411
2014	259,046	206,954	260,929	467,883
2015	302,731	212,269	362,482	574,751
2016	293,280	139,720	193,595	333,315
2017	570,840	229,160	113,831	342,991
2007–2016 average	222,927	170,133	300,928	471,061

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 Strogonof Point, post July 31.

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

Table 17.—Sockeye salmon daily and cumulative escapement counts through the Bear River weir, 2017.

Date	Daily			Cumulative			Daily percent		Cumulative percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
29-May	0	0	0	0	0	0	-	-	0.0%	0.0%	0.0%
30-May	1	0	1	1	0	1	100.0%	0.0%	0.0%	0.0%	0.0%
31-May	37	0	37	38	0	38	100.0%	0.0%	0.0%	0.0%	0.0%
1-Jun	6	0	6	44	0	44	100.0%	0.0%	0.0%	0.0%	0.0%
2-Jun	55	3	58	99	3	102	94.8%	5.2%	0.0%	0.0%	0.0%
3-Jun	50	2	52	1	0	1	96.2%	3.8%	0.0%	0.0%	0.0%
4-Jun	201	4	205	202	4	206	98.0%	2.0%	0.0%	0.0%	0.0%
5-Jun	147	6	153	349	10	359	96.1%	3.9%	0.0%	0.1%	0.0%
6-Jun	116	2	118	465	12	477	98.3%	1.7%	0.1%	0.1%	0.1%
7-Jun	229	5	234	694	17	711	97.9%	2.1%	0.1%	0.2%	0.1%
8-Jun	372	17	389	1,066	34	1,100	95.6%	4.4%	0.1%	0.3%	0.1%
9-Jun	522	13	535	1,588	47	1,635	97.6%	2.4%	0.2%	0.4%	0.2%
10-Jun	794	39	833	2,382	86	2,468	95.3%	4.7%	0.3%	0.8%	0.3%
11-Jun	897	102	999	3,279	188	3,467	89.8%	10.2%	0.4%	1.7%	0.5%
12-Jun	1,028	56	1,084	4,307	244	4,551	94.8%	5.2%	0.6%	2.3%	0.6%
13-Jun	721	63	784	5,028	307	5,335	92.0%	8.0%	0.7%	2.9%	0.7%
14-Jun	1,673	60	1,733	6,701	367	7,068	96.5%	3.5%	0.9%	3.4%	0.9%
15-Jun	2,763	76	2,839	9,464	443	9,907	97.3%	2.7%	1.2%	4.1%	1.3%
16-Jun	2,762	48	2,810	12,226	491	12,717	98.3%	1.7%	1.6%	4.6%	1.7%
17-Jun	3,120	28	3,148	15,346	519	15,865	99.1%	0.9%	2.0%	4.8%	2.1%
18-Jun	3,072	25	3,097	18,418	544	18,962	99.2%	0.8%	2.4%	5.1%	2.5%
19-Jun	5,970	36	6,006	24,388	580	24,968	99.4%	0.6%	3.2%	5.4%	3.2%
20-Jun	3,048	16	3,064	27,436	596	28,032	99.5%	0.5%	3.6%	5.5%	3.6%
21-Jun	2,580	17	2,597	30,016	613	30,629	99.3%	0.7%	4.0%	5.7%	4.0%
22-Jun	11,784	52	11,836	41,800	665	42,465	99.6%	0.4%	5.5%	6.2%	5.5%
23-Jun	7,878	47	7,925	49,678	712	50,390	99.4%	0.6%	6.5%	6.6%	6.5%
24-Jun	4,278	33	4,311	53,956	745	54,701	99.2%	0.8%	7.1%	6.9%	7.1%
25-Jun	8,717	55	8,772	62,673	800	63,473	99.4%	0.6%	8.3%	7.4%	8.2%
26-Jun	6,739	27	6,766	69,412	827	70,239	99.6%	0.4%	9.1%	7.7%	9.1%
27-Jun	3,327	23	3,350	72,739	850	73,589	99.3%	0.7%	9.6%	7.9%	9.6%
28-Jun	1,734	12	1,746	74,473	862	75,335	99.3%	0.7%	9.8%	8.0%	9.8%

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Date	Daily			Cumulative			Daily percent		Cumulative percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
29-Jun	23,166	73	23,239	97,639	935	98,574	99.7%	0.3%	12.9%	8.7%	12.8%
30-Jun	23,232	92	23,324	120,871	1,027	121,898	99.6%	0.4%	15.9%	9.5%	15.8%
1-Jul	6,133	53	6,186	127,004	1,080	128,084	99.1%	0.9%	16.7%	10.0%	16.6%
2-Jul	5,433	30	5,463	132,437	1,110	133,547	99.5%	0.5%	17.4%	10.3%	17.3%
3-Jul	12,624	44	12,668	145,061	1,154	146,215	99.7%	0.3%	19.1%	10.7%	19.0%
4-Jul	26,488	145	26,633	171,549	1,299	172,848	99.5%	0.5%	22.6%	12.1%	22.4%
5-Jul	23,260	106	23,366	194,809	1,405	196,214	99.5%	0.5%	25.7%	13.1%	25.5%
6-Jul	23,191	122	23,313	218,000	1,527	219,527	99.5%	0.5%	28.7%	14.2%	28.5%
7-Jul	22,111	116	22,227	240,111	1,643	241,754	99.5%	0.5%	31.6%	15.3%	31.4%
8-Jul	25,551	69	25,620	265,662	1,712	267,374	99.7%	0.3%	35.0%	15.9%	34.7%
9-Jul	15,950	60	16,010	281,612	1,772	283,384	99.6%	0.4%	37.1%	16.5%	36.8%
10-Jul	14,556	82	14,638	296,168	1,854	298,022	99.4%	0.6%	39.0%	17.2%	38.7%
11-Jul	18,159	83	18,242	314,327	1,937	316,264	99.5%	0.5%	41.4%	18.0%	41.1%
12-Jul	17,644	63	17,707	331,971	2,000	333,971	99.6%	0.4%	43.7%	18.6%	43.4%
13-Jul	36,486	149	36,635	368,457	2,149	370,606	99.6%	0.4%	48.5%	20.0%	48.1%
14-Jul	22,124	127	22,251	390,581	2,276	392,857	99.4%	0.6%	51.4%	21.1%	51.0%
15-Jul	26,543	95	26,638	417,124	2,371	419,495	99.6%	0.4%	54.9%	22.0%	54.5%
16-Jul	12,584	54	12,638	429,708	2,425	432,133	99.6%	0.4%	56.6%	22.5%	56.1%
17-Jul	21,553	100	21,653	451,261	2,525	453,786	99.5%	0.5%	59.4%	23.5%	58.9%
18-Jul	15,547	54	15,601	466,808	2,579	469,387	99.7%	0.3%	61.5%	24.0%	61.0%
19-Jul	10,935	60	10,995	477,743	2,639	480,382	99.5%	0.5%	62.9%	24.5%	62.4%
20-Jul	10,693	52	10,745	488,436	2,691	491,127	99.5%	0.5%	64.3%	25.0%	63.8%
21-Jul	20,520	90	20,610	508,956	2,781	511,737	99.6%	0.4%	67.0%	25.8%	66.5%
22-Jul	12,741	70	12,811	521,697	2,851	524,548	99.5%	0.5%	68.7%	26.5%	68.1%
23-Jul	9,073	98	9,171	530,770	2,949	533,719	98.9%	1.1%	69.9%	27.4%	69.3%
24-Jul	7,147	87	7,234	537,917	3,036	540,953	98.8%	1.2%	70.8%	28.2%	70.2%
25-Jul	4,204	145	4,349	542,121	3,181	545,302	96.7%	3.3%	71.4%	29.5%	70.8%
26-Jul	5,100	151	5,251	547,221	3,332	550,553	97.1%	2.9%	72.1%	30.9%	71.5%
27-Jul	6,091	108	6,199	553,312	3,440	556,752	98.3%	1.7%	72.9%	32.0%	72.3%
28-Jul	5,844	106	5,950	559,156	3,546	562,702	98.2%	1.8%	73.6%	32.9%	73.1%
29-Jul	9,668	231	9,899	568,824	3,777	572,601	97.7%	2.3%	74.9%	35.1%	74.4%

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Date	Daily			Cumulative			Daily percent		Cumulative percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks
30-Jul	5,556	331	5,887	574,380	4,108	578,488	94.4%	5.6%	75.6%	38.2%	75.1%
31-Jul	6,920	279	7,199	581,300	4,387	585,687	96.1%	3.9%	76.6%	40.7%	76.1%
1-Aug	4,258	263	4,521	585,558	4,650	590,208	94.2%	5.8%	77.1%	43.2%	76.6%
2-Aug	5,817	210	6,027	591,375	4,860	596,235	96.5%	3.5%	77.9%	45.1%	77.4%
3-Aug	4,237	168	4,405	595,612	5,028	600,640	96.2%	3.8%	78.4%	46.7%	78.0%
4-Aug	3,291	34	3,325	598,903	5,062	603,965	99.0%	1.0%	78.9%	47.0%	78.4%
5-Aug	1,078	13	1,091	599,981	5,075	605,056	98.8%	1.2%	79.0%	47.1%	78.6%
6-Aug	982	15	997	600,963	5,090	606,053	98.5%	1.5%	79.1%	47.3%	78.7%
7-Aug	15,504	346	15,850	616,467	5,436	621,903	97.8%	2.2%	81.2%	50.5%	80.8%
8-Aug	23,683	329	24,012	640,150	5,765	645,915	98.6%	1.4%	84.3%	53.5%	83.9%
9-Aug	13,214	174	13,388	653,364	5,939	659,303	98.7%	1.3%	86.0%	55.2%	85.6%
10-Aug	8,365	189	8,554	661,729	6,128	667,857	97.8%	2.2%	87.1%	56.9%	86.7%
11-Aug	5,278	84	5,362	667,007	6,212	673,219	98.4%	1.6%	87.8%	57.7%	87.4%
12-Aug	3,483	119	3,602	670,490	6,331	676,821	96.7%	3.3%	88.3%	58.8%	87.9%
13-Aug	3,733	232	3,965	674,223	6,563	680,786	94.1%	5.9%	88.8%	61.0%	88.4%
14-Aug	8,018	284	8,302	682,241	6,847	689,088	96.6%	3.4%	89.9%	63.6%	89.5%
15-Aug	9,393	627	10,020	691,634	7,474	699,108	93.7%	6.3%	91.1%	69.4%	90.8%
16-Aug	7,049	393	7,442	698,683	7,867	706,550	94.7%	5.3%	92.0%	73.1%	91.8%
17-Aug	5,644	436	6,080	704,327	8,303	712,630	92.8%	7.2%	92.8%	77.1%	92.5%
18-Aug	3,458	125	3,583	707,785	8,428	716,213	96.5%	3.5%	93.2%	78.3%	93.0%
19-Aug	6,859	214	7,073	714,644	8,642	723,286	97.0%	3.0%	94.1%	80.3%	93.9%
20-Aug	7,949	405	8,354	722,593	9,047	731,640	95.2%	4.8%	95.2%	84.0%	95.0%
21-Aug	6,605	439	7,044	729,198	9,486	738,684	93.8%	6.2%	96.0%	88.1%	95.9%
22-Aug	10,064	435	10,499	739,262	9,921	749,183	95.9%	4.1%	97.4%	92.2%	97.3%
23-Aug	9,252	443	9,695	748,514	10,364	758,878	95.4%	4.6%	98.6%	96.3%	98.5%
24-Aug	7,411	304	7,715	755,925	10,668	766,593	96.1%	3.9%	99.6%	99.1%	99.5%
25-Aug <sup>a</sup>	3,231	93	3,324	759,156	10,761	769,917	97.2%	2.8%	100.0%	100.0%	100.0%
Total	759,304	10,766	770,070								

Post weir escapement estimate: 29,930<sup>b</sup>

Estimated total escapement: 800,000

<sup>a</sup> Weir removed the following day.

<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 18.—Sockeye salmon daily and cumulative escapement counts through the Sandy River weir, 2017.

Date	Daily			Cumulative			Daily percent		Cumulative percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
9-Jun	4	0	4	4	0	0	0.0%	0.0%	0.0%	0.0%	0.0%
10-Jun	6	0	6	10	0	62	100.0%	0.0%	0.0%	0.0%	0.1%
11-Jun	20	0	20	30	0	30	100.0%	0.0%	0.0%	0.0%	0.0%
12-Jun	1	0	1	31	0	31	100.0%	0.0%	0.0%	0.0%	0.0%
13-Jun	23	0	23	54	0	54	100.0%	0.0%	0.0%	0.0%	0.0%
14-Jun	70	0	70	124	0	124	100.0%	0.0%	0.1%	0.0%	0.1%
15-Jun	12	0	12	136	0	136	100.0%	0.0%	0.1%	0.0%	0.1%
16-Jun	73	0	73	209	0	209	100.0%	0.0%	0.2%	0.0%	0.2%
17-Jun	336	0	336	545	0	545	100.0%	0.0%	0.5%	0.0%	0.5%
18-Jun	134	4	138	679	4	683	97.1%	2.9%	0.6%	0.2%	0.6%
19-Jun	2	0	2	681	4	685	100.0%	0.0%	0.6%	0.2%	0.6%
20-Jun	212	5	217	893	9	902	97.7%	2.3%	0.8%	0.5%	0.8%
21-Jun	368	3	371	1,261	12	1,273	99.2%	0.8%	1.1%	0.7%	1.1%
22-Jun	406	9	415	1,667	21	1,688	97.8%	2.2%	1.4%	1.3%	1.4%
23-Jun	224	4	228	1,891	25	1,916	98.2%	1.8%	1.6%	1.5%	1.6%
24-Jun	662	8	670	2,553	33	2,586	98.8%	1.2%	2.2%	2.0%	2.2%
25-Jun	579	13	592	3,132	46	3,178	97.8%	2.2%	2.7%	2.8%	2.7%
26-Jun	2,271	25	2,296	5,403	71	5,474	98.9%	1.1%	4.6%	4.2%	4.6%
27-Jun	537	10	547	5,940	81	6,021	98.2%	1.8%	5.0%	4.8%	5.0%
28-Jun	1,241	35	1,276	7,181	116	7,297	97.3%	2.7%	6.1%	6.9%	6.1%
29-Jun	1,310	46	1,356	8,491	162	8,653	96.6%	3.4%	7.2%	9.7%	7.2%
30-Jun	877	23	900	9,368	185	9,553	97.4%	2.6%	7.9%	11.1%	8.0%
1-Jul	505	17	522	9,873	202	10,075	96.7%	3.3%	8.4%	12.1%	8.4%
2-Jul	3,737	39	3,776	13,610	241	13,851	99.0%	1.0%	11.5%	14.4%	11.6%
3-Jul	2,755	53	2,808	16,365	294	16,659	98.1%	1.9%	13.9%	17.6%	13.9%
4-Jul	1,457	34	1,491	17,822	328	18,150	97.7%	2.3%	15.1%	19.6%	15.2%
5-Jul	4,114	40	4,154	21,936	368	22,304	99.0%	1.0%	18.6%	22.0%	18.6%
6-Jul	5,269	58	5,327	27,205	426	27,631	98.9%	1.1%	23.1%	25.5%	23.1%
7-Jul	5,302	66	5,368	32,507	492	32,999	98.8%	1.2%	27.6%	29.4%	27.6%
8-Jul	1,842	37	1,879	34,349	529	34,878	98.0%	2.0%	29.1%	31.7%	29.2%

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Table 18.–Page 2 of 2.

Date	Daily			Cumulative			Daily percent		Cumulative percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
9-Jul	3,485	25	3,510	37,834	554	38,388	99.3%	0.7%	32.1%	33.2%	32.1%
10-Jul	4,443	20	4,463	42,277	574	42,851	99.6%	0.4%	35.8%	34.4%	35.8%
11-Jul	3,652	48	3,700	45,929	622	46,551	98.7%	1.3%	38.9%	37.2%	38.9%
12-Jul	5,449	53	5,502	51,378	675	52,053	99.0%	1.0%	43.6%	40.4%	43.5%
13-Jul	5,924	81	6,005	57,302	756	58,058	98.7%	1.3%	48.6%	45.2%	48.5%
14-Jul	9,717	132	9,849	67,019	888	67,907	98.7%	1.3%	56.8%	53.1%	56.8%
15-Jul	3,199	21	3,220	70,218	909	71,127	99.3%	0.7%	59.5%	54.4%	59.5%
16-Jul	6,877	59	6,936	77,095	968	78,063	99.1%	0.9%	65.4%	57.9%	65.3%
17-Jul	8,069	60	8,129	85,164	1,028	86,192	99.3%	0.7%	72.2%	61.5%	72.1%
18-Jul	2,947	27	2,974	88,111	1,055	89,166	99.1%	0.9%	74.7%	63.1%	74.5%
19-Jul	8,080	55	8,135	96,191	1,110	97,301	99.3%	0.7%	81.6%	66.4%	81.3%
20-Jul	3,587	25	3,612	99,778	1,135	100,913	99.3%	0.7%	84.6%	67.9%	84.4%
21-Jul	7,084	133	7,217	106,862	1,268	108,130	98.2%	1.8%	90.6%	75.9%	90.4%
22-Jul	6,090	230	6,320	112,952	1,498	114,450	96.4%	3.6%	95.8%	89.6%	95.7%
23-Jul <sup>a</sup>	5,000	173	5,173	117,952	1,671	119,623	96.7%	3.3%	100.0%	100.0%	100.0%
Total	117,952	1,671	119,623								
Post weir escapement estimate:			25,377 <sup>b</sup>								
Total estimated escapement:			145,000								

<sup>a</sup> Weir removed the following day.

<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, 2017.

Date	Daily			Cumulative			Daily percent		Cumulative percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
27-May	0	0	0	0	0	0	-	-	0.0%	0.0%	0.0%
28-May	61	0	61	61	0	61	100.0%	0.0%	0.0%	0.0%	0.0%
29-May	2	0	2	63	0	63	100.0%	0.0%	0.0%	0.0%	0.0%
30-May	7	0	7	70	0	70	100.0%	0.0%	0.0%	0.0%	0.0%
31-May	2	0	2	72	0	72	100.0%	0.0%	0.0%	0.0%	0.0%
1-Jun	31	0	31	103	0	103	100.0%	0.0%	0.0%	0.0%	0.0%
2-Jun	122	0	122	225	0	225	100.0%	0.0%	0.1%	0.0%	0.1%
3-Jun	3	0	3	228	0	228	100.0%	0.0%	0.1%	0.0%	0.1%
4-Jun	20	0	20	248	0	248	100.0%	0.0%	0.1%	0.0%	0.1%
5-Jun	56	0	56	304	0	304	100.0%	0.0%	0.1%	0.0%	0.1%
6-Jun	4	0	4	308	0	308	100.0%	0.0%	0.1%	0.0%	0.1%
7-Jun	3	0	3	311	0	311	100.0%	0.0%	0.1%	0.0%	0.1%
8-Jun	610	2	612	921	2	923	99.7%	0.3%	0.4%	0.8%	0.4%
9-Jun	734	4	738	1,655	6	1,661	99.5%	0.5%	0.7%	2.3%	0.7%
10-Jun	1,897	9	1,906	3,552	15	3,567	99.5%	0.5%	1.5%	5.7%	1.5%
11-Jun	2,257	7	2,264	5,809	22	5,831	99.7%	0.3%	2.4%	8.4%	2.5%
12-Jun	4,340	9	4,349	10,149	31	10,180	99.8%	0.2%	4.3%	11.9%	4.3%
13-Jun	2,218	5	2,223	12,367	36	12,403	99.8%	0.2%	5.2%	13.8%	5.2%
14-Jun	5,392	10	5,402	17,759	46	17,805	99.8%	0.2%	7.5%	17.6%	7.5%
15-Jun	11,127	18	11,145	28,886	64	28,950	99.8%	0.2%	12.2%	24.5%	12.2%
16-Jun	3,820	2	3,822	32,706	66	32,772	99.9%	0.1%	13.8%	25.3%	13.8%
17-Jun	8,937	12	8,949	41,643	78	41,721	99.9%	0.1%	17.5%	29.9%	17.5%
18-Jun	2,042	0	2,042	43,685	78	43,763	100.0%	0.0%	18.4%	29.9%	18.4%
19-Jun	811	0	811	44,496	78	44,574	100.0%	0.0%	18.7%	29.9%	18.7%
20-Jun	1,945	2	1,947	46,441	80	46,521	99.9%	0.1%	19.5%	30.7%	19.6%
21-Jun	5,406	6	5,412	51,847	86	51,933	99.9%	0.1%	21.8%	33.0%	21.8%
22-Jun	5,574	2	5,576	57,421	88	57,509	100.0%	0.0%	24.2%	33.7%	24.2%
23-Jun	6,453	9	6,462	63,874	97	63,971	99.9%	0.1%	26.9%	37.2%	26.9%
24-Jun	3,862	7	3,869	67,736	104	67,840	99.8%	0.2%	28.5%	39.8%	28.5%
25-Jun	5,253	3	5,256	72,989	107	73,096	99.9%	0.1%	30.7%	41.0%	30.7%
26-Jun	7,481	11	7,492	80,470	118	80,588	99.9%	0.1%	33.9%	45.2%	33.9%
27-Jun	5,436	4	5,440	85,906	122	86,028	99.9%	0.1%	36.1%	46.7%	36.2%

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Table 19.–Page 2 of 2.

Date	Daily			Cumulative			Daily percent		Cumulative percent		
	Adults	Jacks	Total	Adults	Jacks	Total	Adults	Jacks	Adults	Jacks	Total
28-Jun	6,361	13	6,374	92,267	135	92,402	99.8%	0.2%	38.8%	51.7%	38.8%
29-Jun	4,429	2	4,431	96,696	137	96,833	100.0%	0.0%	40.7%	52.5%	40.7%
30-Jun	553	1	554	97,249	138	97,387	99.8%	0.2%	40.9%	52.9%	40.9%
1-Jul	626	1	627	97,875	139	98,014	99.8%	0.2%	41.2%	53.3%	41.2%
2-Jul	3,059	7	3,066	100,934	146	101,080	99.8%	0.2%	42.5%	55.9%	42.5%
3-Jul	20,219	24	20,243	121,153	170	121,323	99.9%	0.1%	51.0%	65.1%	51.0%
4-Jul	14,930	13	14,943	136,083	183	136,266	99.9%	0.1%	57.3%	70.1%	57.3%
5-Jul	10,089	4	10,093	146,172	187	146,359	100.0%	0.0%	61.5%	71.6%	61.5%
6-Jul	15,848	14	15,862	162,020	201	162,221	99.9%	0.1%	68.2%	77.0%	68.2%
7-Jul	8,623	6	8,629	170,643	207	170,850	99.9%	0.1%	71.8%	79.3%	71.8%
8-Jul	12,780	10	12,790	183,423	217	183,640	99.9%	0.1%	77.2%	83.1%	77.2%
9-Jul	6,566	3	6,569	189,989	220	190,209	100.0%	0.0%	79.9%	84.3%	79.9%
10-Jul	15,100	11	15,111	205,089	231	205,320	99.9%	0.1%	86.3%	88.5%	86.3%
11-Jul	9,167	6	9,173	214,256	237	214,493	99.9%	0.1%	90.1%	90.8%	90.1%
12-Jul	9,048	7	9,055	223,304	244	223,548	99.9%	0.1%	93.9%	93.5%	93.9%
13-Jul	5,163	6	5,169	228,467	250	228,717	99.9%	0.1%	96.1%	95.8%	96.1%
14-Jul	5,144	7	5,151	233,611	257	233,868	99.9%	0.1%	98.3%	98.5%	98.3%
15-Jul	3,154	3	3,157	236,765	260	237,025	99.9%	0.1%	99.6%	99.6%	99.6%
16-Jul	818	1	819	237,583	261	237,844	99.9%	0.1%	100.0%	100.0%	100.0%
17-Jul <sup>a</sup>	101	0	101	237,684	261	237,945	100.0%	0.0%	100.0%	100.0%	100.0%
Total	237,684	261	237,945								
Post weir escapement estimate:			55 <sup>b</sup>								
Estimated total escapement:			238,000								

<sup>a</sup> Weir removed the following day.

<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 20.—North Peninsula salmon harvest by species and day, 2017.

Catch date	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
5-Jun <sup>a</sup>	9	10	7	774	0	0	3
6-Jun	15	16	13	1,442	0	0	1
7-Jun	11	12	8	963	0	0	2
8-Jun <sup>b</sup>	-	-	-	-	-	-	-
9-Jun to 11-Jun <sup>c</sup>	0	-	-	-	-	-	-
12-Jun	19	21	43	2,782	0	0	12
13-Jun	19	20	82	4,599	0	0	5
14-Jun	20	22	43	2,832	0	0	4
15-Jun <sup>b</sup>	-	-	-	-	-	-	-
16-Jun to 18-Jun <sup>c</sup>	0	-	-	-	-	-	-
19-Jun	20	20	63	3,082	0	0	3
20-Jun	113	175	254	145,030	1	0	94
21-Jun	105	139	186	102,692	0	4	48
22-Jun	95	132	213	79,044	0	0	39
23-Jun	86	138	262	99,886	0	0	44
24-Jun	77	78	75	66,072	0	0	9
25-Jun <sup>c</sup>	0	-	-	-	-	-	-
26-Jun	130	223	179	167,891	0	0	76
27-Jun	96	109	57	71,009	0	0	16
28-Jun	134	221	158	174,880	0	0	52
29-Jun	131	214	209	183,694	0	1	46
30-Jun	117	143	111	119,173	0	4	71
1-Jul	3	4	5	2,065	0	0	20
2-Jul <sup>b</sup>	-	-	-	-	-	-	-
3-Jul	155	250	161	196,244	0	0	3,253
4-Jul	144	186	81	139,109	0	77	2,452
5-Jul	134	181	73	118,462	0	0	11
6-Jul	127	164	54	98,923	0	0	22
7-Jul	130	176	124	163,468	0	172	484
8-Jul	121	181	91	122,222	0	34	107
9-Jul	103	135	47	111,579	0	184	40
10-Jul	136	156	60	92,036	0	57	296
11-Jul	132	171	39	129,616	0	0	48
12-Jul	121	135	32	111,959	3	141	8,054
13-Jul	134	159	28	103,127	45	104	3,896
14-Jul	132	162	16	108,440	0	0	35
15-Jul	109	118	25	91,029	0	0	31
16-Jul	110	128	37	102,100	2	0	94
17-Jul	101	124	15	84,473	0	0	2
18-Jul	93	126	15	93,888	0	0	204
19-Jul	88	121	14	108,450	4	387	1,037
20-Jul	102	126	22	88,186	25	0	392
21-Jul	86	94	18	59,370	12	15	166
22-Jul	95	118	14	64,964	36	438	448
23-Jul	79	83	5	34,236	70	316	1,091

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Table 20.–Page 2 of 2.

Catch date	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
24-Jul	108	125	18	53,026	287	2,933	17,901
25-Jul	81	83	11	50,092	187	975	2,942
26-Jul	66	80	4	51,011	444	501	18,753
27-Jul	59	65	2	39,672	314	959	1,868
28-Jul	56	66	2	27,579	385	0	990
29-Jul	59	74	5	37,701	820	391	1,423
30-Jul	26	27	0	11,789	431	3	401
31-Jul	65	82	2	36,417	813	737	2,538
1-Aug	16	16	5	1,988	60	916	5,381
2-Aug	16	16	1	1,430	16	1,360	2,370
3-Aug	8	8	0	1,177	2	0	213
4-Aug	8	8	0	782	4	0	159
5-Aug	7	7	0	1,019	4	0	198
6-Aug <sup>b</sup>	-	-	-	-	-	-	-
7-Aug	22	22	1	2,944	66	73	895
8-Aug	27	27	0	5,836	241	56	1,256
9-Aug	50	50	2	18,959	129	14	1,079
10-Aug	58	63	0	11,201	239	78	535
11-Aug	57	66	1	18,069	586	189	529
12-Aug	9	9	0	2,242	303	71	45
13-Aug	5	6	0	755	2	0	32
14-Aug	32	33	0	9,815	133	0	383
15-Aug	60	83	0	34,954	976	99	416
16-Aug to 18-Aug <sup>c</sup>	0	-	-	-	-	-	-
19-Aug	12	12	0	9,048	55	109	104
20-Aug	4	4	0	1,119	0	8	5
21-Aug <sup>b</sup>	-	-	-	-	-	-	-
Total <sup>d</sup>	162	5,793	2,858	3,861,515	6,655	11,341	82,230

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

<sup>a</sup> No harvest effort occurred prior to June 5.

<sup>b</sup> Fishery closed.

<sup>c</sup> No fishing effort occurred for this time period.

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

Table 21.—North Peninsula salmon harvest by district, statistical area, and section, 2017.

Statistical area	Section	Number of salmon					Total
		Chinook	Sockeye	Coho	Pink	Chum	
Northwestern District							
311-20	Dublin Bay Section <sup>a</sup>	0	0	0	0	0	0
311-32	Urilia Bay Section	1	63,678	19	2,126	892	66,716
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	3,847	23	424	1,207	5,501
312-10	Cape Glazenap to Moffet Point	9	4,257	45	19	3,765	8,095
312-20	Izembek Lagoon <sup>a</sup>	0	0	0	0	0	0
312-40	Moffet Bay	6	17,578	56	2,481	51,991	72,112
Izembek–Moffet Bay Section total		15	25,335	124	2,867	56,771	85,708
Northwestern District total		16	89,013	143	4,993	57,663	152,424
Northern District							
313-10	Black Hills Section	11	15,822	244	2,750	2,966	21,793
313-20	Caribou Flats Section <sup>c</sup>	-	-	-	-	-	-
313-30	Nelson Lagoon Section	652	347,562	329	8	7,674	356,225
314-12	Port Moller Bight Section <sup>d</sup>	-	-	-	-	-	-
314-20	Herendeen Bay <sup>a</sup>	0	0	0	0	0	0
314-30	Moller Bay <sup>a</sup>	0	0	0	0	0	0
Herendeen–Moller Bay Section total <sup>a</sup>		0	0	0	0	0	0
315-11	Bear River	130	209,235	355	217	3,768	207,705
315-20	Muddy River	31	79,692	602	50	2,721	83,096
Bear River Section total		161	288,927	957	267	6,489	290,801
316-10	Three Hills Section	13	89,133	1,434	304	1,968	92,852
316-20	Southwest Ilnik	1,059	1,166,321	2,255	2,240	3,113	1,164,702
316-22	Ilnik Lagoon <sup>a</sup>	0	0	0	0	0	0
316-25	Northeast Ilnik	572	1,362,206	1,195	583	1,775	1,366,331
Ilnik Section total		1,631	2,528,527	3,450	2,823	4,888	2,531,033
317-10	Outer Port Heiden Section	374	502,531	98	196	582	503,781
317-20	Inner Port Heiden Section <sup>a</sup>	0	0	0	0	0	0
318-20	Cinder River Section <sup>d</sup>	-	-	-	-	-	-
Northern District total		2,842	3,772,502	6,512	6,348	24,567	3,812,771
North Peninsula total		2,858	3,861,515	6,655	11,341	82,230	3,964,599

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 2017.

<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 Flats Section is closed to commercial fishing.

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

Table 22.—Northwestern District sockeye salmon runs (number of fish), 1962–2017.

Year		Izembek–Moffet Bay Section <sup>a</sup>	Dublin, Bechevin, & Uria 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, & Uria 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, & Uria 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
2007–2016	Catch	26,912	13,380	40,292
Average	Escapement <sup>c</sup>	22,988	60,875	83,863
	Avg. total	49,900	74,255	124,155

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

<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, 2017

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 1	8:00 p.m. June 18	6:00 a.m. June 19	<p>Closure: The Bear River Section will close to commercial salmon fishing from 6:00 a.m. Monday, June 19 until further notice.</p> <p>The Outer Port Heiden Section will be closed to commercial salmon fishing from June 20 until further notice.</p> <p>That portion of the Ilnik Section located west of 159° 46.00' W long will be closed to commercial salmon fishing from 6:00a.m. Tuesday, June 20 until further notice.</p> <p>Fishing Period: The remaining portion of the Ilnik Section will open to commercial salmon fishing from 6:00 a.m. Tuesday, June 20 until 6:00 p.m. Friday, June 23.</p>
Port Moller - 2	8:00 p.m. June 21	6:00 a.m. June 22	<p>Fishing Period: The Outer Port Heiden section will open to commercial salmon fishing from 6:00a.m. Thursday, June 22 until 6:00p.m. Saturday, June 24.</p>
Port Moller - 3	9:00 a.m. June 23	6:00 p.m. June 22	<p>Closure: The Three Hills Section will remain closed to commercial salmon fishing until further notice.</p> <p>Extension: The Ilnik Section will remain open to commercial salmon fishing from 6:00p.m. Friday, June 23 until 6:00p.m. Saturday, June 24.</p>
Port Moller - 4	8:00 p.m. June 25	6:00 a.m. June 26	<p>Closure: The Outer Port Heiden Section will remain closed to commercial salmon fishing until further notice.</p> <p>Fishing Period: The Ilnik Section will open to commercial salmon fishing at 6:00 a.m. Monday, June 26 until 6:00 p.m. Wednesday, June 28.</p>
Port Moller - 5	8:00 a.m. June 27	6:00 a.m. June 28	<p>Fishing Period: The Outer Port Heiden Section will open to commercial salmon fishing from 6:00a.m. Wednesday, June 28 until 6:00p.m. Friday, June 30.</p>
Port Moller - 6	9:00 a.m. June 28	6:00 p.m. June 28	<p>Extension: That portion of the Ilnik Section located east of the 159° 46.00' W long will remain open to commercial salmon fishing from 6:00p.m. Wednesday, June 28 until 6:00p.m. Friday, June 30.</p>
Port Moller - 7	9:00 a.m. June 29	6:00 p.m. June 29	<p>Extension: The Port Moller Bight will remain open to commercial salmon fishing from 6:00p.m. Thursday, June 29 until 6:00p.m. Saturday, July 1.</p> <p>The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59p.m. Thursday, June 29 until 11:59p.m. Friday, June 30.</p>

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Table 23.–Page 2 of 5.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller - 8	9:00 a.m. June 30	12:00 p.m. June 30	Fishing Period: The Black Hills Section will open to commercial salmon fishing from noon Friday, June 30 through 6:00a.m. Monday, July 3. The Herendeen-Moller Bay Section will open to commercial salmon fishing from noon Friday, June 30 through 6:00a.m. Monday, July 3.
Port Moller – 9	3:00 p.m. July 1	6:00 a.m. July 3	Closure: The Outer Port Heiden Section will remain closed to commercial salmon fishing until further notice. Fishing Period: That portion of the Ilnik Section located west of 159° 46.00' W long will reopen to commercial salmon fishing from 6:00a.m. Monday July 3 until further notice. The remaining portion of the Ilnik Section will open to commercial salmon fishing from 6:00a.m. Monday, July 3 until 6:00p.m. The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00p.m. Saturday, July 1 until 6:00a.m. Monday, July 3.
Sand Point - 8	4:00 p.m. July 4	6:00 a.m. July 7	Fishing Period: The Urilia Bay Section of the Northwestern District will open to commercial salmon fishing for 60 hours from 6:00a.m. Friday, July 7 until 6:00p.m. Sunday July 9.
Port Moller - 10	8:00 p.m. July 4	6:00 a.m. July 5	Fishing Period: The Outer Port Heiden Section will open to commercial salmon fishing from 6:00a.m. Wednesday, July 5 until 6:00p.m. Friday, July 7. The Ilnik Section will remain open to commercial salmon fishing from 6:00p.m. Wednesday, July 5 until 6:00p.m. Friday, July 7.
Port Moller - 11	9:00 a.m. July 5	6:00 p.m. July 5	Fishing Period: That portion of the Bear River Section located from a point at a 280° bearing perpendicular to the beach at the southern 1,000 yard regulatory marker at Bear River to Cape Kutuzof at 160° 19.64' W long on the Sandy River Bluffs will be closed to commercial salmon fishing from 6:00p.m. Wednesday, July 5 until further notice. The remaining portion of the Bear River Section and Three Hills Section will open to commercial salmon fishing from 6:00p.m. Wednesday, July 5 until 6:00p.m. Saturday, July 8.
Port Moller - 12	9:00 a.m. July 6	6:00 p.m. July 6	Extension: The Port Moller Bight Section will remain open to commercial salmon fishing from 6:00p.m. Thursday, July 6 until 6:00p.m. Saturday, July 8. The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59p.m. Thursday, July 6 until 11:59p.m. Saturday, July 8.

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Table 23.–Page 3 of 5.

Emergency order #	Issued:	Effective:	Action taken:
Port Moller – 13	9:00 a.m. July 7	6:00 p.m. July 8	Extension: The Ilnik Section will remain open to commercial salmon fishing from 6:00p.m. Friday, July 7 until 6:00p.m. Saturday, July 8.
Port Moller – 14	9:00 a.m. July 8	6:00 p.m. July 8	Extension: The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59p.m. Saturday, July 8 until 11:59p.m. Thursday, July 13 The Port Moller Bight, Bear River, and Three Hills sections will remain open to commercial salmon fishing from 6:00p.m. Saturday, July 8 until 6:00p.m. Thursday July 13. The Ilnik Section will remain open to commercial salmon fishing from 6:00p.m. Saturday, July 8 until 6:00p.m. Wednesday, July 12.
Port Moller - 15	9:00 a.m. July 11	6:00 p.m. July 11	Fishing Period: That portion of the Bear River Section located from the southern 1,000-yard regulatory marker at Bear River to Cape Kutuzof at 160°19.64' W long that has been closed to commercial salmon fishing will open to commercial salmon fishing at 6:00p.m. Tuesday, July 11 until further notice.
Port Moller - 16	9:00 a.m. July 12	6:00 p.m. July 12	Extension: The Port Moller Bight, Bear River, and Three Hills sections will remain open to commercial salmon fishing from 6:00p.m. Thursday, July 13 until 6:00p.m. Saturday, July 15. The Ilnik Section will remain open to commercial salmon fishing from 6:00p.m. Wednesday, July 12 until 6:00p.m. Saturday, July 15. The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59p.m. Thursday, July 13 until 11:59p.m. Saturday, July 15.
Port Moller - 17	8:00 p.m. July 13	11:59 p.m. July 13	Fishing Period: The closed waters at Bear River will be reduced to the stream terminus at the ocean shoreline effective at 11:59p.m. Thursday, July 13 until further notice.
Port Moller - 18	9:00 a.m. July 15	6:00 p.m. July 15	Extension: The Port Moller Bight, Three Hills, and Ilnik sections will remain open to commercial salmon fishing from 6:00p.m. Saturday, July 15 until 6:00p.m. Thursday, July 20. The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59p.m. Saturday, July 15, until 11:59p.m. Thursday, July 20.  Fishing Period: The Outer Port Heiden Section will open to commercial salmon fishing at 6:00a.m. Monday, July 17 until 6:00p.m. July 19.

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Table 23.–Page 4 of 5.

Emergency order #	Issued:	Effective:	Action taken:
Sand Point - 17	5:00 p.m. July 18	6:00 a.m. July 20	Fishing Period: The Urilia Bay Section of the Northwestern District will open to commercial salmon fishing 6:00a.m. Thursday, July 20 until further notice.
Port Moller – 19	9:00 a.m. July 20	6:00 p.m. July 20	Extension: The Port Moller Bight, Bear River, Three Hills, and Ilnik sections will remain open to commercial salmon fishing from 6:00p.m. Thursday, July 20 until further notice.  The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59p.m. Thursday, July 20 until further notice.  Fishing Period: The Outer Port Heiden Section will open to commercial salmon fishing at 6:00a.m. Monday, July 24 until 6:00pm. Wednesday, July 26.
Port Moller - 20	9:00 a.m. July 29	6:00 a.m. July 31	Closure: The Nelson Lagoon Section will close to commercial salmon fishing at 11:59p.m. Saturday, July 29 and reopen at 6:00a.m. Monday, July 31 until 11:59p.m. Thursday, August 3.
Port Moller - 21	9:00 a.m. July 30	12:01 a.m. July 31	Fishing Period: The Outer Port Heiden Section will open to commercial salmon fishing at 12:01a.m. Monday, July 31 until 11:59p.m. Monday, July 31.
Port Moller - 22	9:00 a.m. July 31	11:59 p.m. July 31	Closure: The Bear River, Three Hills, and Ilnik sections will close to commercial salmon fishing at 11:59p.m. Monday, July 31 until further notice.
Port Moller - 23	9:00 a.m. August 3	11:59 p.m. August 3	Extension: The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59p.m. Thursday, August 3 until 11:59p.m. Saturday, August 5.
Port Moller - 24	8:00 p.m. August 8	6:00 a.m. August 9	Closure: The commercial salmon fishing season in that portion of the Bear River Section located between the southern Bear River 1,000-yard regulatory marker (160° 26.80' W long) and the northern Bear River 1,000-yard regulatory marker (160° 26.99' W long) will be closed to commercial salmon fishing from 6:00a.m. Wednesday, August 9 until further notice.  Fishing Period: The Bear River, Three Hills, and Ilnik sections will open to commercial salmon fishing from 6:00a.m. Wednesday, August 9 until 6:00p.m. Saturday, August 12.

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Emergency order #	Issued:	Effective:	Action taken:
Port Moller - 25	9:00 a.m. August 10	11:59 p.m. August 10	Extension: The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59p.m. Thursday, August 10 until 11:59p.m. Saturday, August 12.
Port Moller - 26	9:00 a.m. August 12	6:00 p.m. August 12	Extension: The Bear River, Three Hills, and Ilnik Sections will remain open to commercial salmon fishing from 6:00p.m. Saturday, August 12 until 6:00p.m. Wednesday, August 16.
Port Moller - 27	9:00 a.m. August 14	6:00 a.m. August 15	Fishing Period: The Cinder River Section will open to commercial salmon fishing from 6:00a.m. Tuesday, August 15 until further notice.
Port Moller - 28	9:00 a.m. August 16	6:00 p.m. August 17	Extension: The Bear River and Three Hills sections will remain open to commercial salmon fishing from 6:00p.m. Wednesday, August 16 until further notice. The Ilnik Section will remain open to commercial salmon fishing from 6:00p.m. Wednesday, August 16 until 6:00p.m. Saturday, August 19. The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59p.m. Wednesday, August 16 until 11:59p.m. Saturday, August 19.
Cold Bay - 1	4:30 p.m. August 16	6:00 a.m. August 17	Extension: Commercial salmon fishing will be allowed in the Bechevin Bay Section of the Northwestern District from 6:00a.m., August 17, 2017 until further notice.
Port Moller - 29	9:00 a.m. August 19	11:59 p.m. August 19	Extension: The Nelson Lagoon Section will remain open to commercial salmon fishing from 11:59p.m. Saturday, August 19 until further notice.

Table 24.—Nelson Lagoon Section salmon harvest by species and day, 2017.

Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
5-Jun	8	8	4	772	0	0	0
6-Jun	14	14	11	1,423	0	0	0
7-Jun	10	10	2	950	0	0	0
8-Jun to 11-Jun <sup>b</sup>	0	-	-	-	-	-	-
12-Jun	15	15	13	2,271	0	0	0
13-Jun	16	16	21	3,275	0	0	0
14-Jun	17	17	30	2,514	0	0	0
15-Jun to 18-Jun <sup>b</sup>	0	-	-	-	-	-	-
19-Jun	19	19	60	3,023	0	0	0
20-Jun	22	22	54	5,408	0	0	0
21-Jun	21	21	27	6,542	0	0	0
22-Jun	21	21	30	5,915	0	0	0
23-Jun to 25-Jun <sup>b</sup>	0	-	-	-	-	-	-
26-Jun	21	22	22	5,845	0	0	0
27-Jun	24	27	28	7,010	0	0	0
28-Jun	25	28	32	7,899	0	0	0
29-Jun	24	26	37	6,741	0	0	0
30-Jun	24	24	37	6,628	0	0	0
1-Jul to 2-Jul <sup>b</sup>	0	-	-	-	-	-	-
3-Jul	23	24	44	9,032	0	0	0
4-Jul	26	31	32	17,505	0	1	0
5-Jul	26	29	23	15,760	0	0	0
6-Jul	24	24	10	13,915	0	0	0
7-Jul	26	30	21	16,417	0	0	0
8-Jul	16	16	12	8,469	0	0	0
9-Jul	22	23	26	13,322	0	0	0
10-Jul	26	31	28	13,039	0	0	5
11-Jul	24	25	11	16,362	0	0	0
12-Jul	25	27	7	17,067	0	0	0
13-Jul	25	25	12	17,909	0	0	1
14-Jul	25	26	5	17,752	0	0	0
15-Jul	27	29	5	19,417	0	0	0
16-Jul	24	24	3	13,302	0	0	0
17-Jul	23	23	1	8,688	0	0	0
18-Jul	22	22	0	9,745	0	0	0
19-Jul	17	17	0	7,323	0	0	0
20-Jul	17	17	0	7,226	0	0	0
21-Jul	18	20	0	7,019	0	0	12
22-Jul	17	17	0	5,472	0	0	69
23-Jul	17	17	0	3,951	0	0	279
24-Jul	18	18	1	3,013	0	0	291
25-Jul	14	14	1	2,081	0	0	151
26-Jul	9	9	0	1,916	0	0	75
27-Jul	16	16	0	3,545	0	0	118

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Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
28-Jul	12	12	0	1,341	0	0	128
29-Jul	12	12	1	1,361	0	0	170
30-Jul <sup>b</sup>	0	-	-	-	-	-	-
31-Jul	12	12	0	1,736	10	0	1,321
1-Aug	10	10	1	1,175	5	0	1,553
2-Aug	9	9	0	1,059	10	0	794
3-Aug	5	5	0	252	0	0	154
4-Aug	7	7	0	595	4	0	151
5-Aug	6	6	0	802	3	0	172
6-Aug <sup>b</sup>	0	-	0	-	-	-	-
7-Aug	10	10	0	965	30	7	700
8-Aug	11	11	0	875	41	0	694
9-Aug	6	6	0	566	18	0	407
10-Aug	7	7	0	361	10	0	234
11-Aug	6	6	0	244	20	0	112
12-Aug <sup>c</sup>	0	-	-	-	-	-	-
13-Aug <sup>b</sup>	0	-	-	-	-	-	-
14-Aug	8	8	0	603	80	0	66
15-Aug	7	7	0	164	98	0	17
<b>Total</b>	<b>28</b>	<b>972</b>	<b>652</b>	<b>347,562</b>	<b>329</b>	<b>8</b>	<b>7,674</b>

Note: catch numbers do not include test fish 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> Fishery closed.

<sup>c</sup> No fishing effort occurred during this time period.



Table 25.—Bear River Section salmon harvest by species and day, 2017.

Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	sockeye	Coho	Pink	Chum
12-Jun	3	3	23	446	0	0	0
13-Jun <sup>b</sup>	-	-	-	-	-	-	-
14-Jun	3	3	11	288	0	0	0
15-Jun to 4-Jul <sup>c</sup>	0	-	-	-	-	-	-
5-Jul <sup>d</sup>	0	-	-	-	-	-	-
6-Jul	4	4	13	1,174	0	0	0
7-Jul	5	5	22	5,538	0	0	0
8-Jul	6	6	17	2,254	0	0	50
9-Jul to 11-Jul <sup>b</sup>	-	-	-	-	-	-	-
12-Jul	8	9	13	8,532	0	0	62
13-Jul	5	5	2	3,735	0	0	29
14-Jul	12	12	3	4,231	0	0	17
15-Jul	13	13	7	9,813	0	0	0
16-Jul	15	15	11	12,457	0	0	61
17-Jul	28	31	4	23,225	0	0	0
18-Jul	20	21	2	10,102	0	0	125
19-Jul	10	11	0	6,766	0	0	0
20-Jul	27	27	7	15,662	0	0	83
21-Jul	3	3	0	2,998	0	0	0
22-Jul	22	22	1	10,982	0	0	20
23-Jul	17	17	2	8,148	0	0	198
24-Jul	27	35	15	19,658	6	0	511
25-Jul	18	19	0	11,764	4	15	741
26-Jul	21	22	0	11,730	12	7	1,120
27-Jul	23	25	0	15,272	4	0	780
28-Jul	19	23	0	11,205	11	0	360
29-Jul	15	16	0	8,686	114	0	434
30-Jul	16	17	0	7,335	69	3	187
31-Jul	20	25	1	12,401	31	75	131
1-Aug to 8 Aug <sup>c</sup>	0	-	-	-	-	-	-
9-Aug	22	22	2	13,571	25	0	516
10-Aug	15	17	0	4,048	9	0	107
11-Aug	25	25	0	8,695	89	20	306
12-Aug <sup>d</sup>	0	-	-	-	-	-	-
13-Aug	4	4	0	415	0	0	5
14-Aug	23	23	0	8,812	53	0	283
15-Aug	44	45	0	19,115	475	30	256
16-Aug to 18-Aug <sup>d</sup>	0	-	-	-	-	-	-
19-Aug	11	11	0	8,944	55	109	102
20-Aug	3	3	0	925	0	8	5
Total <sup>e</sup>	97	539	161	288,927	957	267	6,489

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

- <sup>a</sup> By regulation, the commercial fishing season for the Bear River Section is from May 1 to September 30
- <sup>b</sup> Confidentiality rules prohibit the release of this information.
- <sup>c</sup> Fishery closed.
- <sup>d</sup> No fishing effort on this date.
- <sup>e</sup> Total includes information not provided due to confidentiality requirements.

Table 26.—North Alaska Peninsula salmon test fish catches, 2001–2017.

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 <sup>b</sup>	0	8,298	6	25	346	8,675
2007–2016 Average	1	2,290	15	17	105	2,427

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

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

<sup>b</sup> A cost-recovery fishery occurred in 2017.

Table 27.—Three Hills Section salmon harvest by species and day, 2017.

Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
6-Jul	4	4	1	3,360	0	0	3
7-Jul <sup>b</sup>	0	-	-	-	-	-	-
8-Jul	16	17	0	9,973	0	0	0
9-Jul <sup>c</sup>	-	-	-	-	-	-	-
10-Jul	6	6	2	3,366	0	0	50
11-Jul	0	-	-	-	-	-	-
12-Jul	3	3	0	2,246	0	0	0
13-Jul to 17-Jul <sup>b</sup>	0	-	-	-	-	-	-
18-Jul	13	13	1	8,242	0	0	65
19-Jul <sup>b</sup>	0	-	-	-	-	-	-
20-Jul	6	6	1	5,820	12	0	42
21-Jul <sup>c</sup>	-	-	-	-	-	-	-
22-Jul <sup>c</sup>	-	-	-	-	-	-	-
23-Jul	12	12	2	4,251	1	0	273
24-Jul	6	6	0	2,263	22	0	166
25-Jul	4	4	0	2,445	0	0	0
26-Jul	4	4	1	2,270	5	0	97
27-Jul	4	4	1	3,110	47	0	201
28-Jul	9	9	1	4,796	99	0	258
29-Jul	8	10	1	5,241	26	5	263
30-Jul <sup>c</sup>	-	-	-	-	-	-	-
31-Jul	21	23	1	9,382	530	97	297
1-Aug to 8-Aug <sup>d</sup>	0	-	-	-	-	-	-
9-Aug	17	17	0	3,564	73	12	95
10-Aug	4	4	0	1,009	37	0	6
11-Aug	11	15	1	4,493	209	117	30
12-Aug	4	4	0	836	187	71	14
13-Aug to 14-Aug <sup>b</sup>	0	-	-	-	-	-	-
15-Aug	19	21	0	12,466	186	2	108
Total <sup>e</sup>	72	182	13	89,133	1,434	304	1,968

Note: Catch numbers do not include test fish 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> No fishing effort occurred on this date.

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

<sup>d</sup> Fishery closed.

<sup>e</sup> Total includes information not included due to confidentiality requirements.

Table 28.—Innik Section salmon harvest by species and day, 2017.

Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
20-Jun	90	152	190	139,469	1	0	78
21-Jun	82	116	158	92,341	0	4	44
22-Jun	44	55	58	37,041	0	0	9
23-Jun	86	130	254	96,885	0	0	44
24-Jun	33	33	30	24,234	0	0	9
25-Jun <sup>b</sup>	0	-	-	-	-	-	-
26-Jun	109	201	152	162,046	0	0	76
27-Jun	71	79	27	61,943	0	0	5
28-Jun	86	113	79	98,555	0	0	25
29-Jun	67	76	48	68,260	0	0	8
30-Jun	72	89	47	95,424	0	4	69
1-Jul thru 2-Jul <sup>c</sup>	0	-	-	-	-	-	-
3-Jul	127	221	113	184,148	0	0	60
4-Jul	114	150	46	114,457	0	0	119
5-Jul	106	149	47	101,938	0	0	6
6-Jul	93	126	24	63,765	0	0	15
7-Jul	87	92	76	85,787	0	0	0
8-Jul	98	141	59	101,101	0	30	51
9-Jul	73	100	19	65,689	0	0	40
10-Jul	89	98	28	61,812	0	0	49
11-Jul	93	107	22	74,831	0	0	19
12-Jul	83	52	9	51,482	0	0	31
13-Jul	99	124	14	79,644	0	10	0
14-Jul	95	123	8	86,226	0	0	15
15-Jul	68	75	12	61,568	0	0	20
16-Jul	70	88	23	76,221	2	0	33
17-Jul	32	32	8	23,626	0	0	0
18-Jul	47	69	12	65,683	0	0	14
19-Jul	51	45	7	46,679	4	0	48
20-Jul	59	74	14	59,365	13	0	266
21-Jul	64	69	18	48,872	12	15	145
22-Jul	53	75	12	40,359	36	0	356
23-Jul	34	34	0	7,811	52	42	187
24-Jul	25	27	1	14,162	204	633	176
25-Jul	24	24	3	17,285	133	142	191
26-Jul	27	38	3	34,831	427	399	677
27-Jul	16	19	1	17,635	263	959	750
28-Jul	18	21	1	10,183	275	0	222
29-Jul	33	45	8	32,636	680	386	528
30-Jul	7	7	0	3,766	358	0	198
31-Jul	11	11	0	6,645	222	0	80
1-Aug thru 8-Aug <sup>c</sup>	0	-	-	-	-	-	-
9-Aug	4	4	0	826	8	2	1
10-Aug	34	34	0	5,512	182	78	168
11-Aug	17	19	0	4,254	266	52	38
12-Aug	3	3	0	908	97	0	10
13-Aug thru 14-Aug <sup>b</sup>	0	-	-	-	-	-	-

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Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
15-Aug <sup>d</sup>	7	7	0	2,622	215	67	8
Total	128	3,347	1,631	2,528,527	3,450	2,823	4,888

*Note:* Catch numbers do not include test fish 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. No harvest effort occurred in Ilnik Lagoon in 2017.

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

<sup>c</sup> Fishery closed.

<sup>d</sup> No harvest occurred after this date.

Table 29.—Outer Port Heiden Section salmon harvest by species and day, 2017.

Catch date <sup>a</sup>	Permits	Landings	Number of fish				
			Chinook	Sockeye	Coho	Pink	Chum
22-Jun	35	51	114	33,841	0	0	23
23-Jun	7	7	8	2,283	0	0	0
24-Jun	44	45	45	41,838	0	0	0
25-Jun thru 27-Jun <sup>b</sup>	0	-	-	-	-	-	-
28-Jun	42	82	47	70,352	0	0	27
29-Jun	48	100	117	98,280	0	1	37
30-Jun	26	27	18	16,324	0	0	0
1-Jul thru 4-Jul <sup>b</sup>	0	-	-	-	-	-	-
5-Jul	8	9	0	2,916	0	0	0
6-Jul	27	29	2	16,185	0	0	0
7-Jul	42	45	2	36,775	0	0	2
8-Jul thru 9-Jul <sup>b</sup>	0	-	-	-	-	-	-
10-Jul	18	19	2	12,242	0	0	0
11-Jul	38	38	5	38,100	0	0	0
12-Jul <sup>c</sup>	39	39	3	27,197	0	0	0
13-Jul thru 16-Jul <sup>b</sup>	0	-	-	-	-	-	-
17-Jul	37	37	2	28,816			
18-Jul <sup>c</sup>	0	-	-	-	-	-	-
19-Jul	32	46	7	47,167			6
20-Jul thru 23-Jul <sup>b</sup>	0	-	-	-	-	-	-
24-Jul	25	51	2	15,120	33	95	245
25-Jul	16	16	0	12,100	50	100	234
26-Jul <sup>c</sup>	0	-	-	-	-	-	-
27-Jul thru 30-Jul <sup>b</sup>	0	-	-	-	-	-	-
31-Jul	5	5	0	2,995	15	0	8
<b>Total</b>	<b>89</b>	<b>646</b>	<b>374</b>	<b>502,531</b>	<b>98</b>	<b>196</b>	<b>582</b>

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

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

<sup>b</sup> Fishery closed before this date.

<sup>c</sup> No commercial fishing effort occurred on this date.

Table 30.—Alaska Peninsula (Area M) and Bristol Bay (Area T) overlap area commercial salmon catch, in number of fish by gear and permit, 1975–2017.

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

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Table 30.—Page 2 of 4.

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

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Table 30.—Page 3 of 4.

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

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Table 30.—Page 4 of 4.

Set gillnet (continued)														
Year	Area M							Area T						
	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum	Permits	Landings	Chinook	Sockeye	Coho	Pink	Chum
2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

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

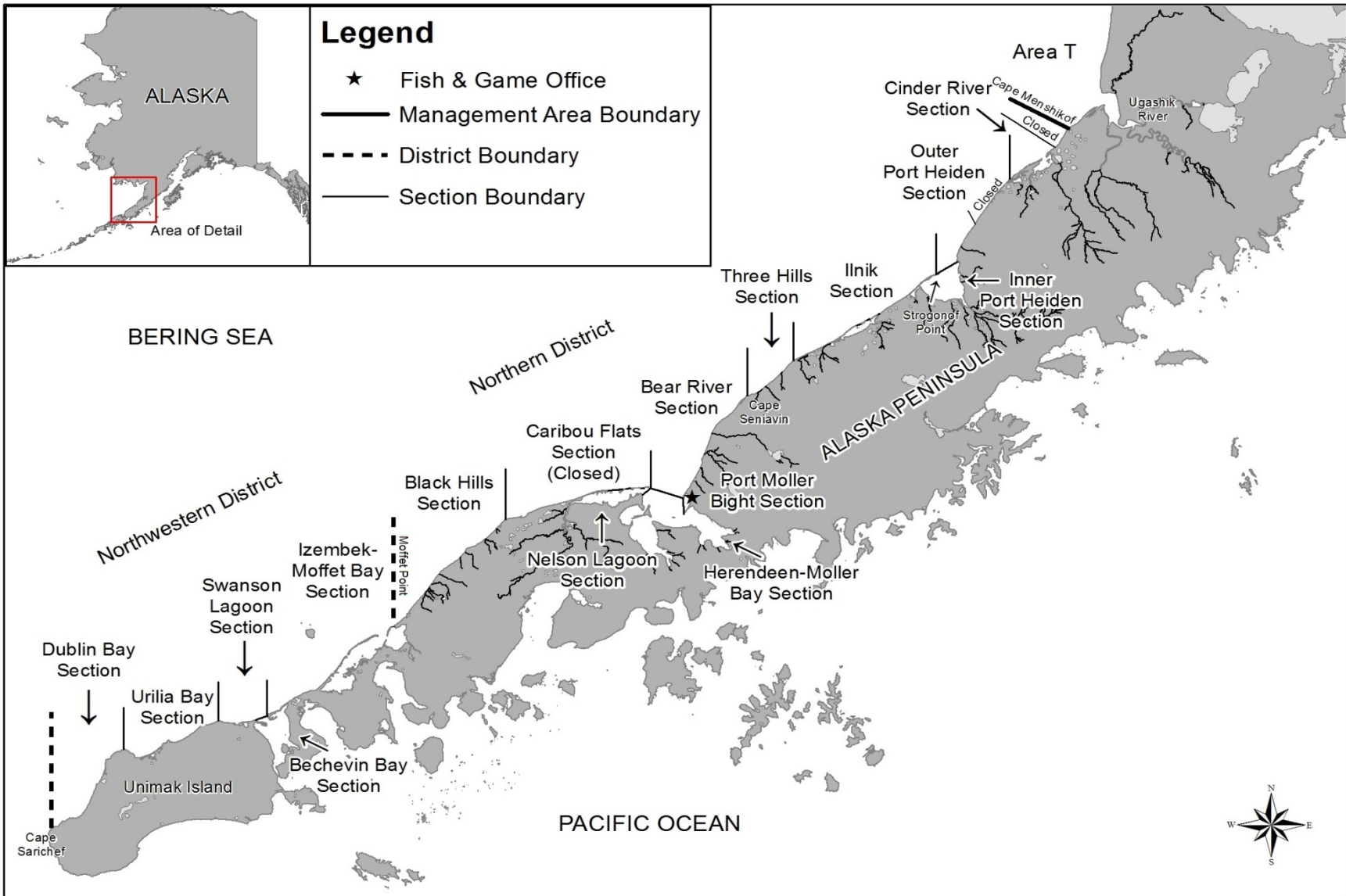


Figure 1.—Map of Alaska Peninsula with North Peninsula commercial salmon fishing districts.

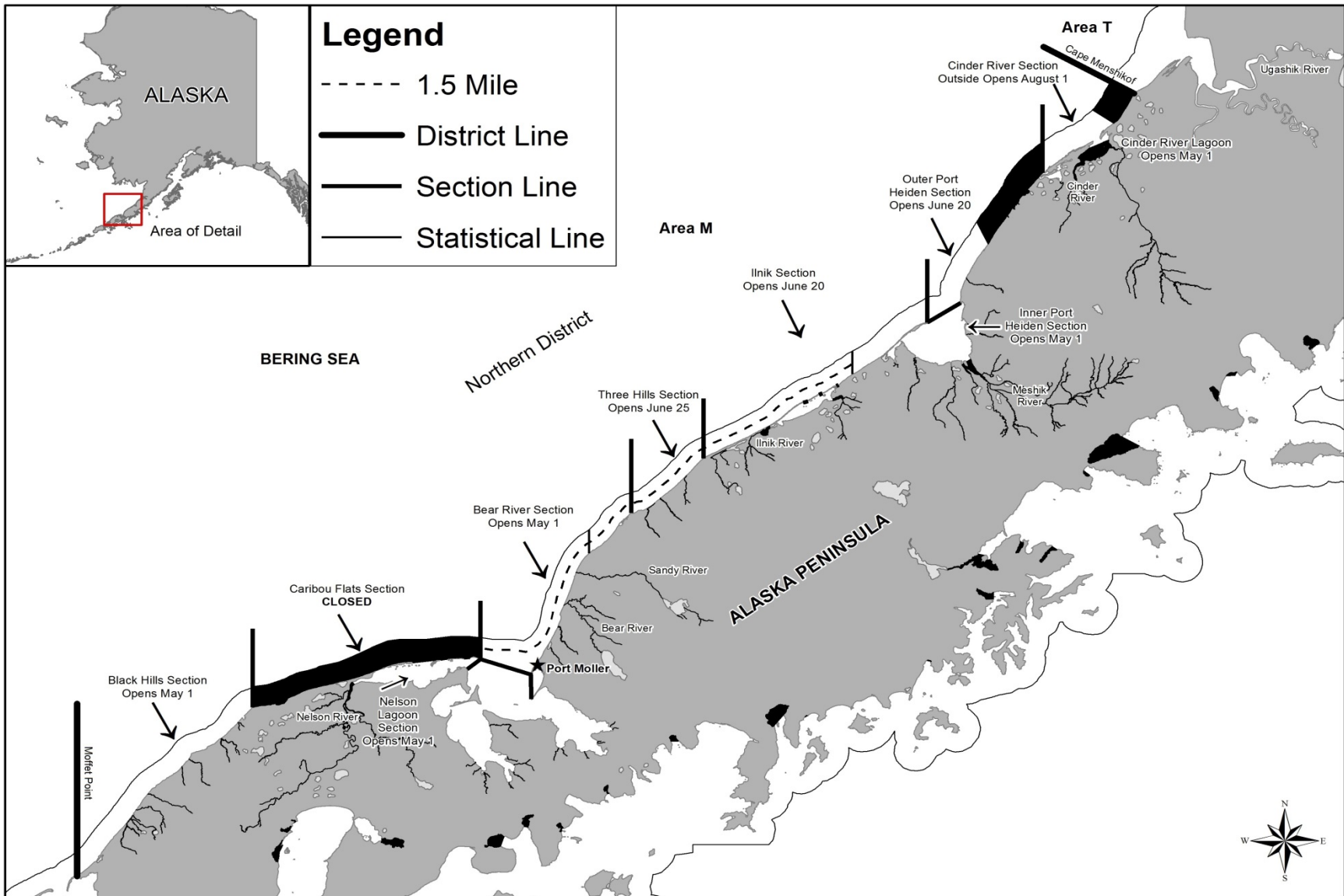


Figure 2.—North Alaska Peninsula from Moffet Point to Cape Menshikof, with selected commercial salmon fishing sections, season opening dates, and major sockeye salmon systems.

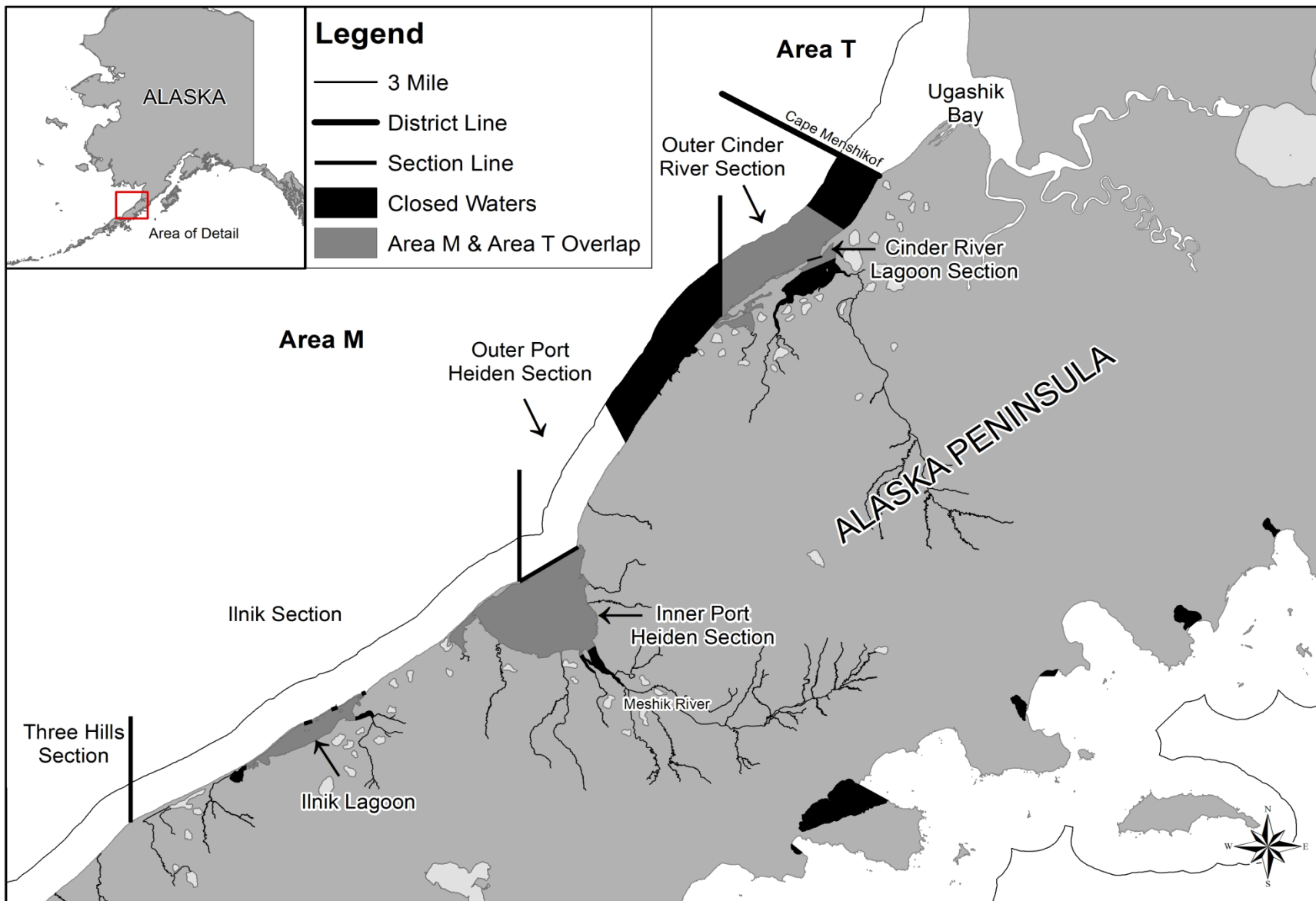


Figure 3.—Alaska Peninsula (Area M) and Bristol Bay (Area T) commercial salmon fishing overlap areas.

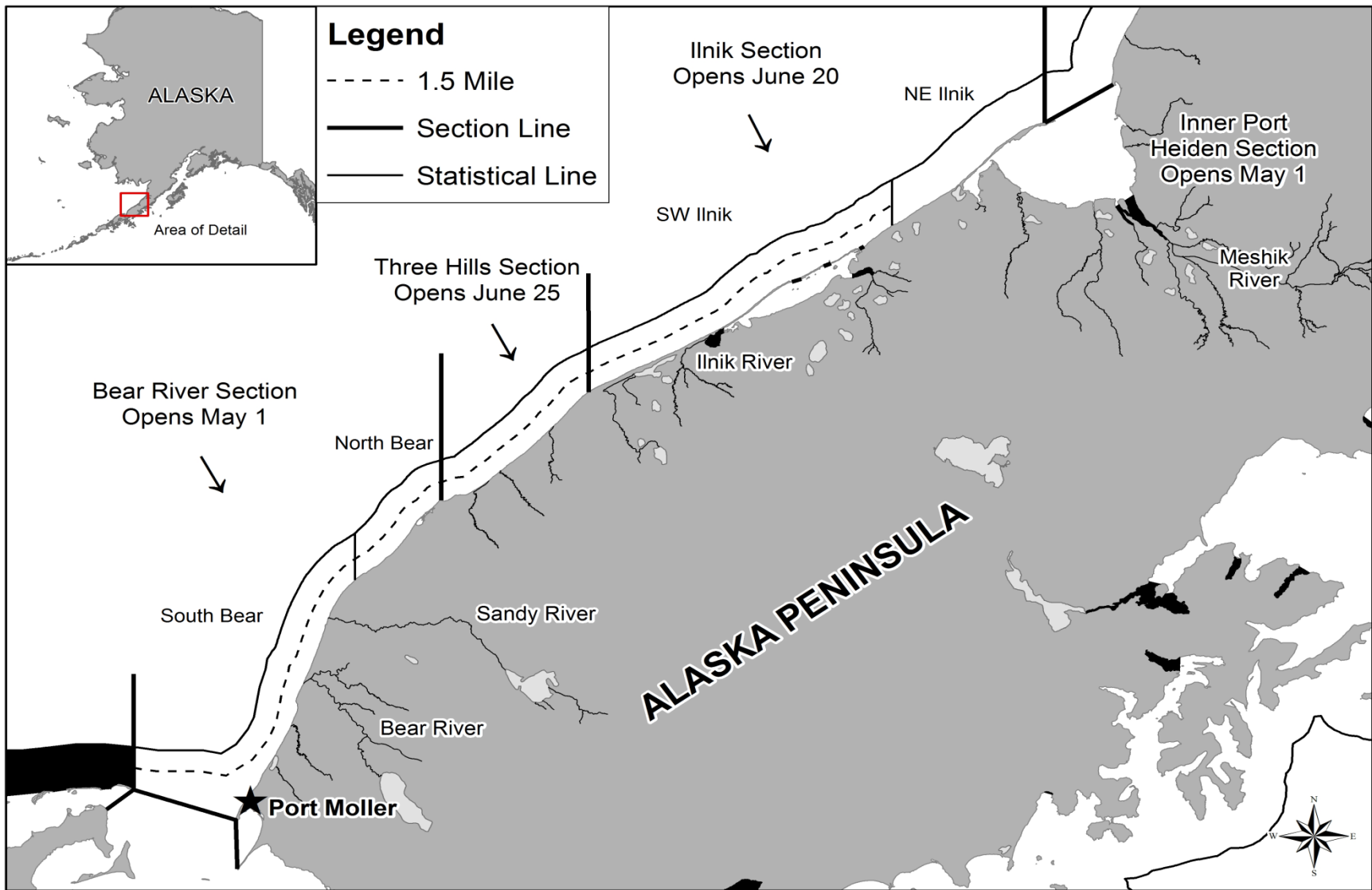


Figure 4.—Map of the 5 fishing areas with moving closed water restrictions from the 3-mile boundary line shoreward to 1.5 miles from June 20–July 31.

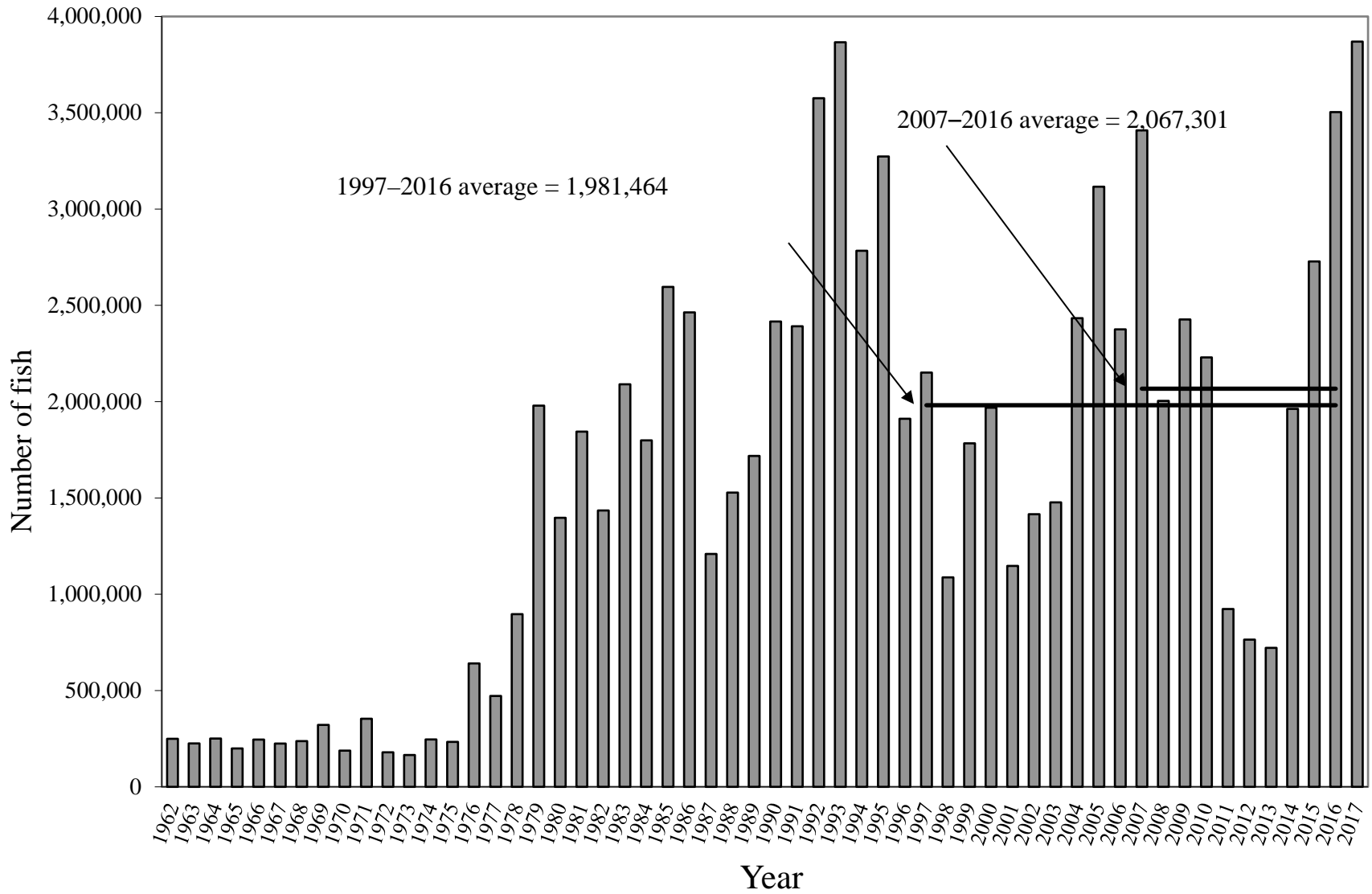


Figure 5.—North Alaska Peninsula commercial sockeye salmon harvest, 1962–2017.



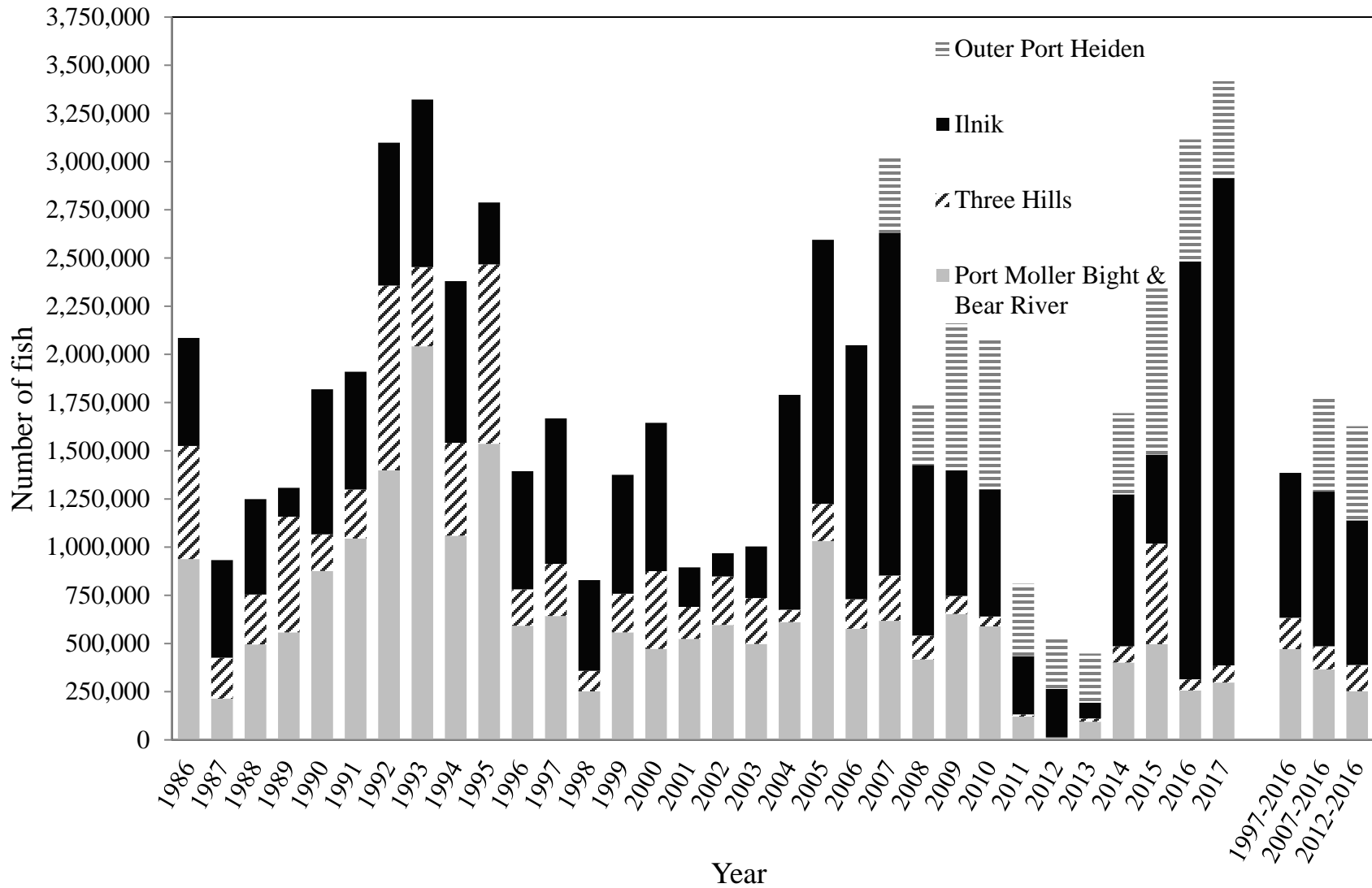


Figure 6.—Port Moller Bight, Bear River, Three Hills, Ilnik and Outer Port Heiden sections commercial sockeye salmon harvest, 1985–2017.

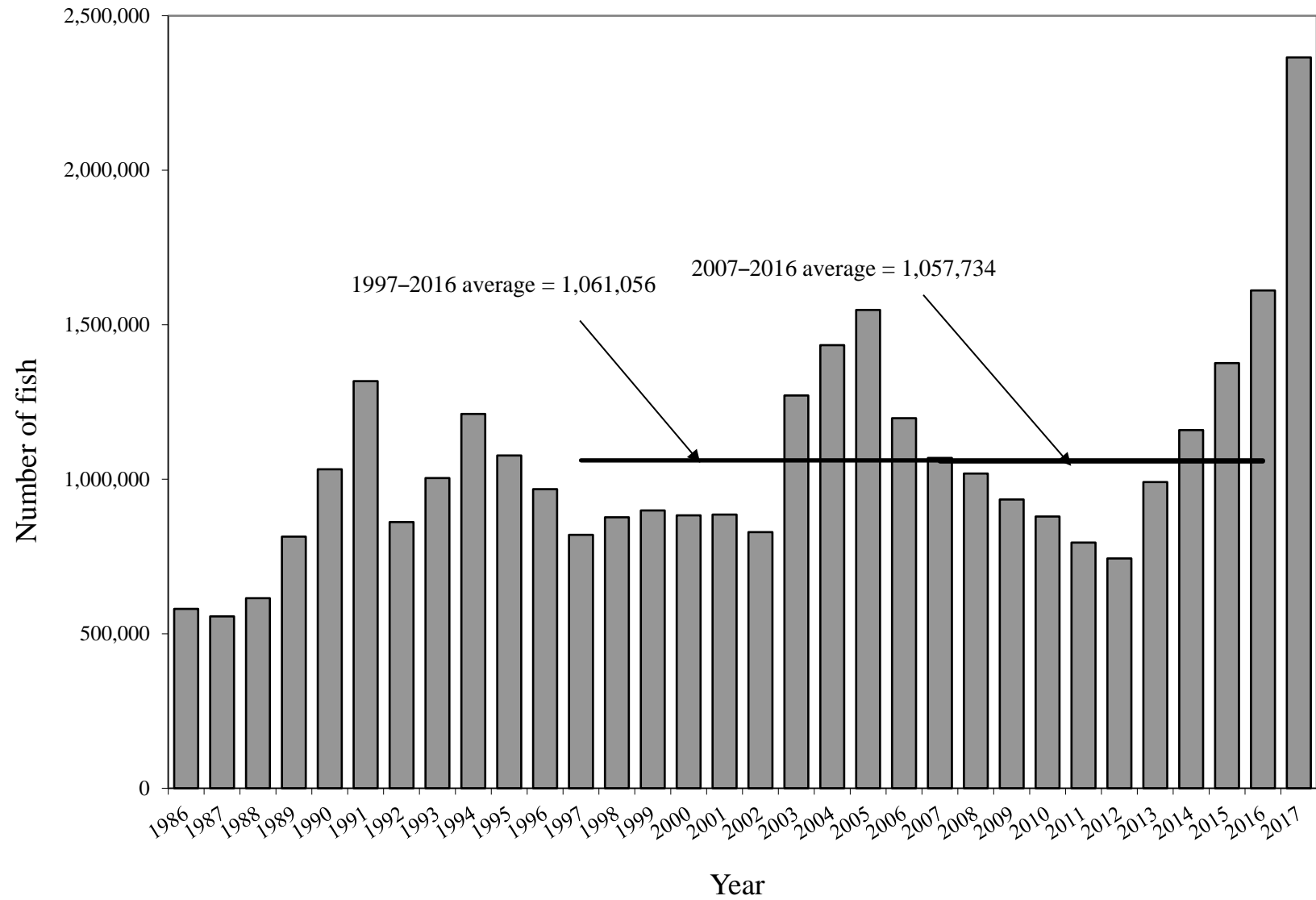


Figure 7.—North Alaska Peninsula sockeye salmon escapement, 1962–2017.

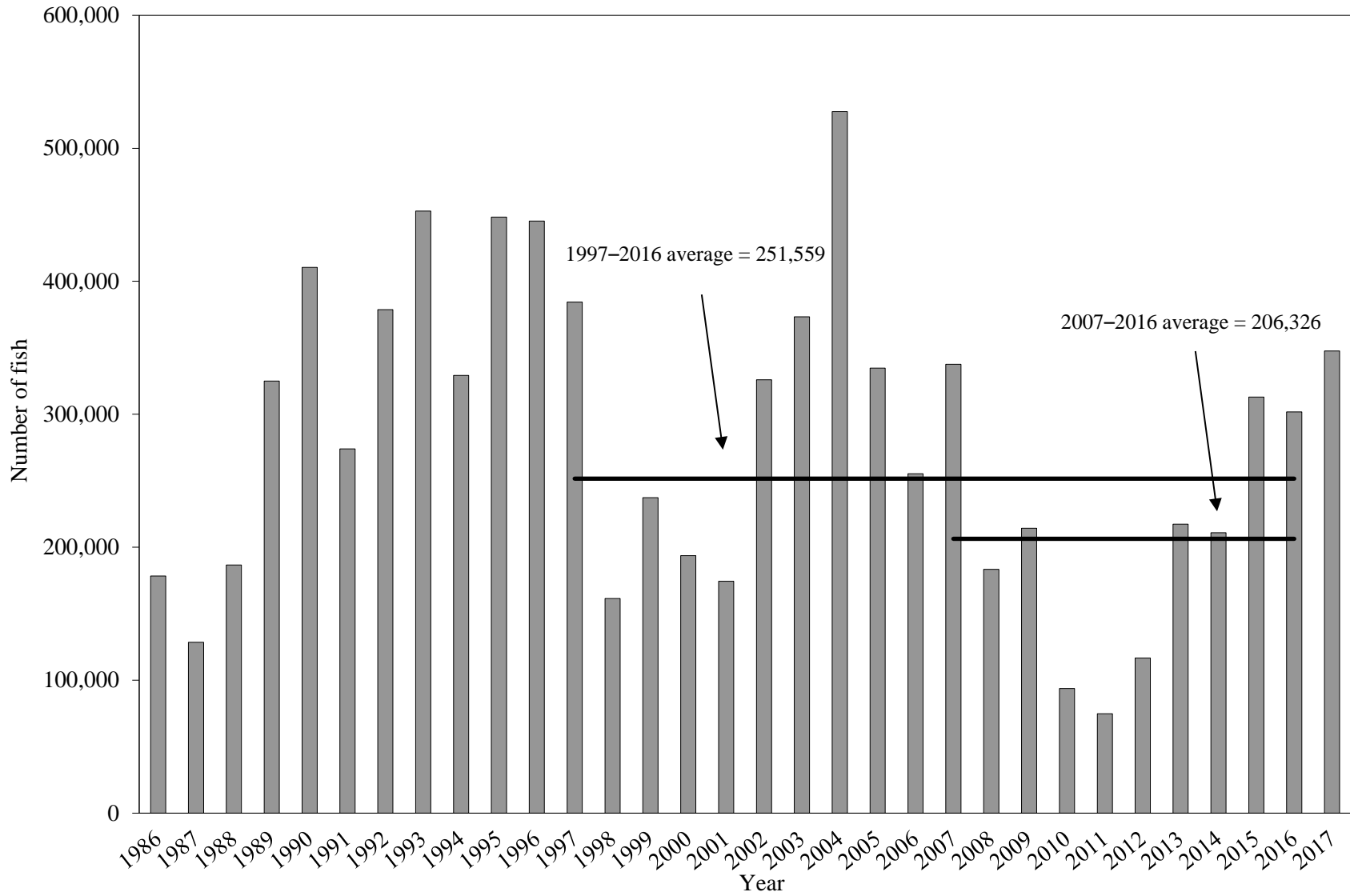


Figure 8.—Nelson Lagoon commercial sockeye salmon harvest, 1988–2017.

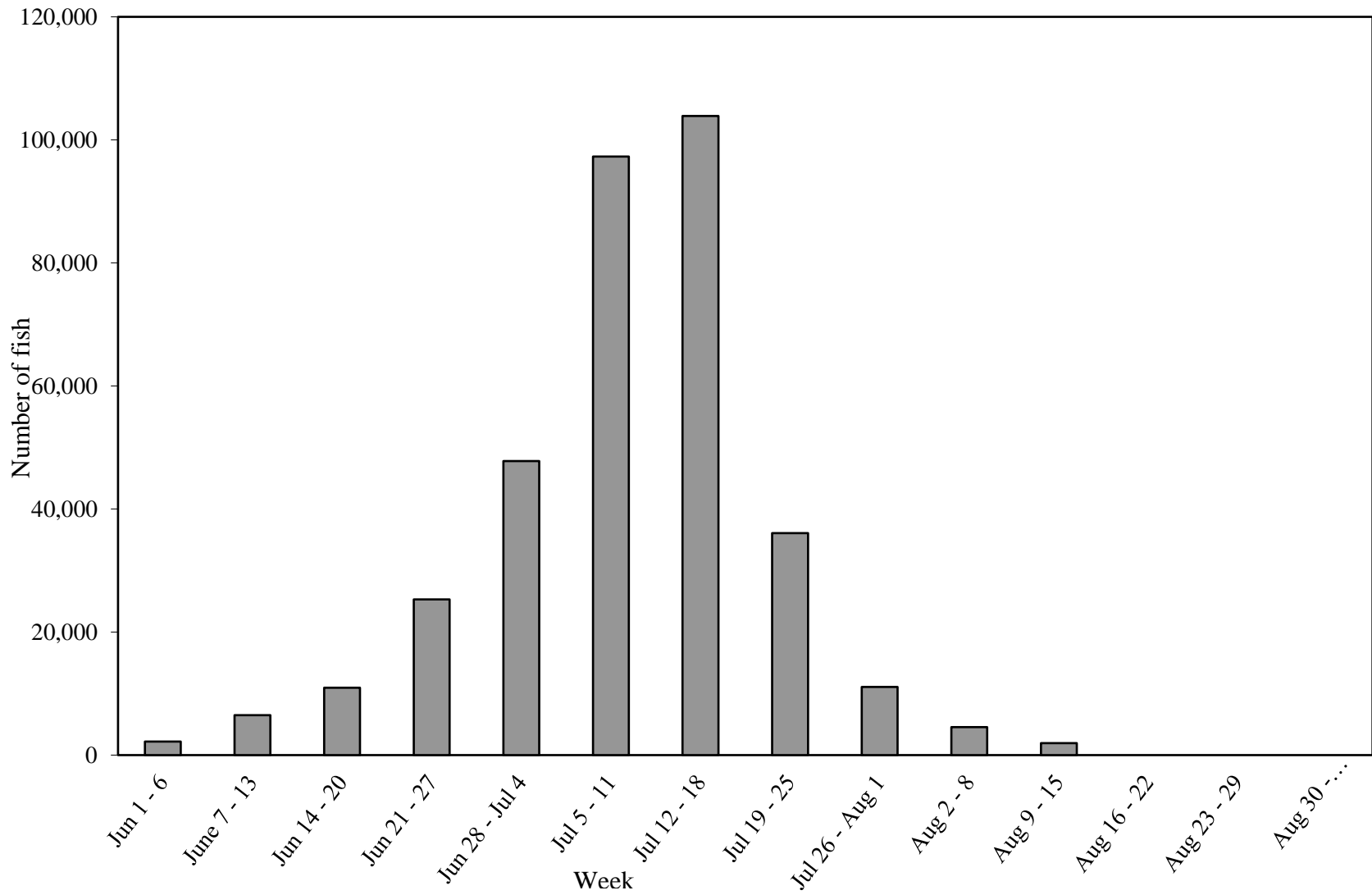


Figure 9.—Nelson Lagoon commercial sockeye salmon harvest by stat week, 2017.

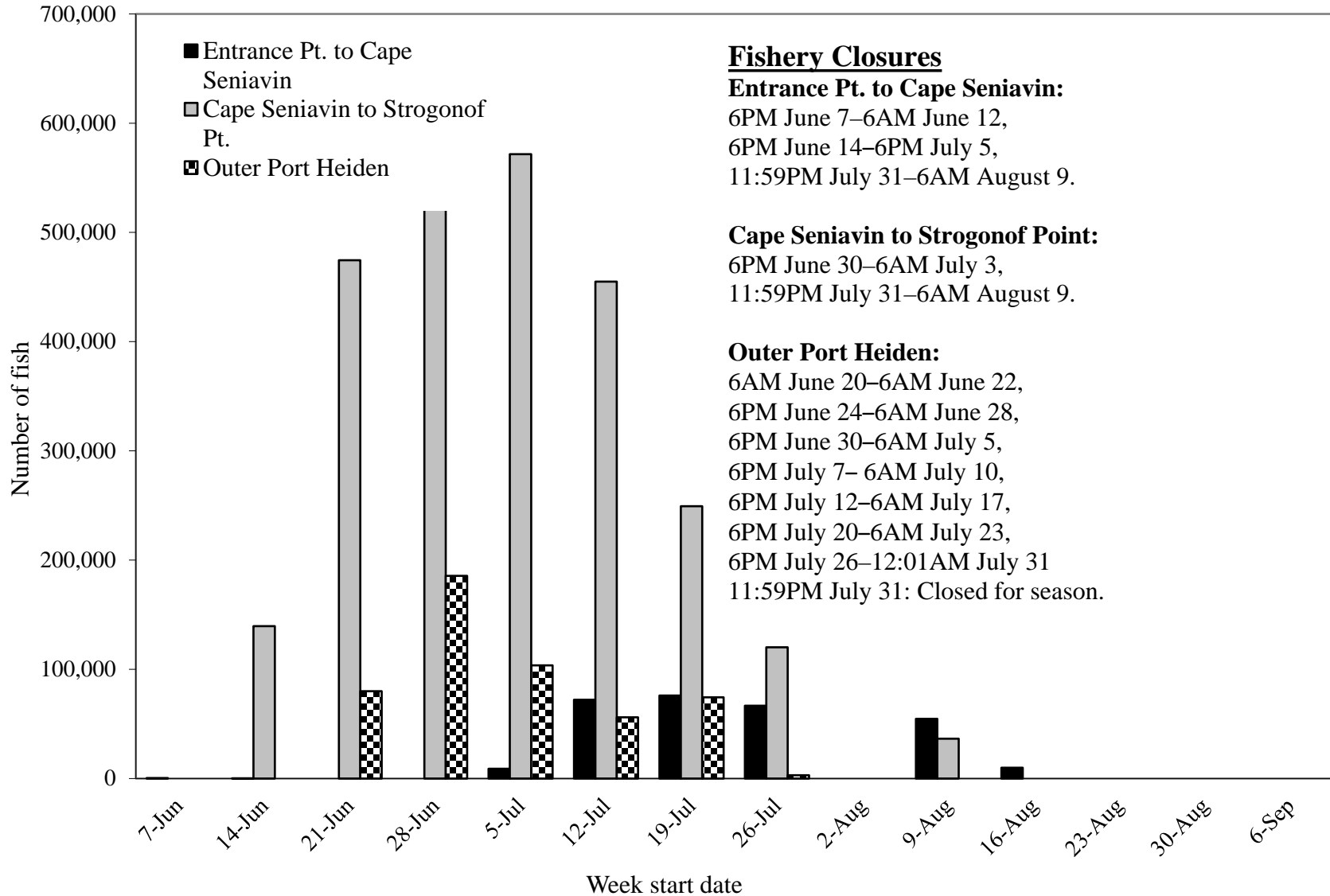


Figure 10.–Port Moller to Cape Seniavin, Cape Seniavin to Strogonof Point, and Outer Port Heiden sockeye salmon catch by stat week, 2017.

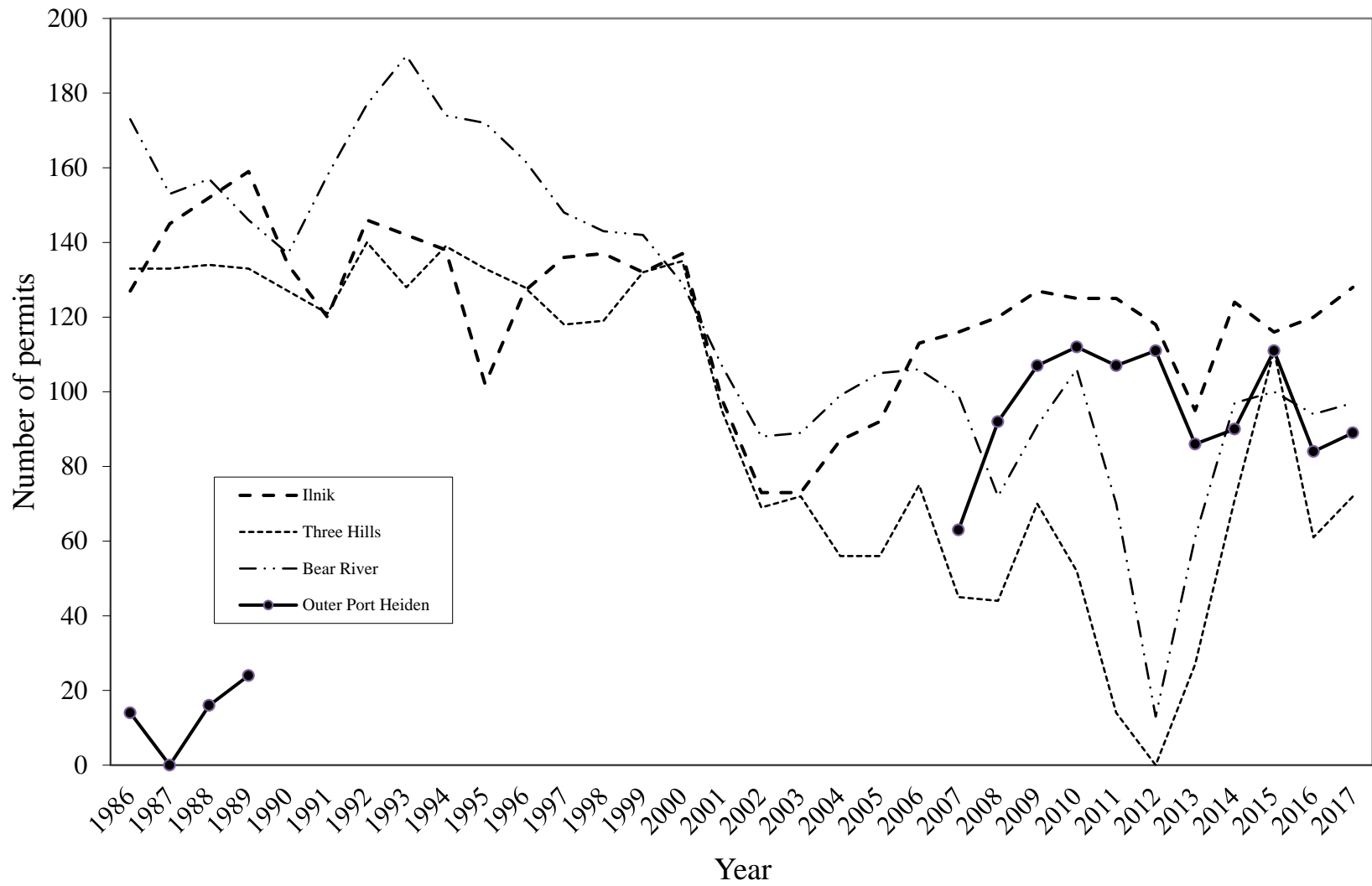


Figure 11.—Number of permits fished in the Ilnik, Three Hills, Bear River, and Outer Port Heiden sections, 1987–2017.

**APPENDIX A. NORTH ALASKA PENINSULA SALMON  
ESCAPEMENT, 2017**

Appendix A1.–North Alaska Peninsula estimated total escapement for Chinook, sockeye, pink, and chum salmon, and peak escapement counts for coho salmon, 2017.

Northwestern District		Number of salmon <sup>a</sup>				
Stream #.	Stream name	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	254,000	0	0	0
311-30.08	Christianson Lagoon	0	36,600	0	6,000	0
Christianson Lagoon System total		0	290,600	0	6,000	0
311-30.09	Mudhole	0	2,800	0	0	0
311-30.10	Clear Lagoon	0	1,600	0	0	0
Peterson Lagoon System total		0	4,400	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	295,000	0	6,000	0
Swanson Lagoon Section						
311-50.01	Big River	0	0	0	0	0
311-50.02	Swanson Lagoon System	0	860	0	0	0
Total Swanson Lagoon Section		0	860	0	0	0
Bechevin Bay Section						
311-60.01	St. Catherine Cove	0	600	0	58,500	89,600
311-60.06	Anderson's Creek	0	0	0	15	0
311-60.07 & .08	Trader's Cove	0	2	0	72,000	500
311-60.12	Warm Springs Bay	0	0	0	14,700	0
311-60.13	Hungry's Creek	0	0	4,800	98,000	800
311-60.18	Lampspport Lagoon	0	0	0	0	0
Total Bechevin Bay Section		0	602	4,800	243,215	90,900
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	2,400
312-20.03	Norma Bay, South	0	0	0	0	8,800
312-20.04	Third Bridge Creek	0	0	0	0	1,800
312-20.05	Frosty Creek	0	200	0	6,500	13,800
312-20.06	Blue Bill Lake	0	300	0	0	0
312-20.13	Outer Marker Lakes	0	0	0	0	0
312-20.51	Springs S Frosty Creek	0	0	0	0	0
312-20.52	Second Bridge Creek	0	0	0	0	0
Izembek Lagoon total		0	500	0	6,500	26,800
312-40.01	Joshua Green River	0	10,500	0	56,000	78,000
312-40.02	Moffet Springs Creek	0	0	0	0	0
312-40.03	Moffet Creek	0	0	0	0	0
312-40.04	Unnamed	0	0	0	0	0
312-40.05	Unnamed	0	0	0	0	0
Moffet Bay total		0	10,500	0	56,000	78,000
Total Izembek–Moffet Bay Section		0	11,000	0	62,500	104,800
Northwestern District total		0	307,462	4,800	311,715	195,700

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Northern District		Number of salmon <sup>a</sup>				
Stream #.	Stream name	Chinook	Sockeye	Coho	Pink	Chum
<b>Black Hills Section</b>						
313-10.02	North Creek	275	5,800	0	0	12,000
313-10.05	Cathedral River	0	0	0	0	0
313-10.06	Russian(Trader Mtn.) River	150	2,000	0	700	1,800
313-10.09	AMOCO Airstrip Creek	0	0	0	1,800	2,000
313-10.11	Black Hills Creek	550	200	0	20,000	3,000
313-10.14	Steelhead Creek	400	300	0	40,000	12,000
313-10.15	Mainshak Creek	0	0	0	0	0
<b>Total Black Hills Section</b>		<b>1,375</b>	<b>8,300</b>	<b>0</b>	<b>62,500</b>	<b>30,800</b>
<b>Nelson Lagoon Section</b>						
313-30.01 &04	David's R.	0	10,000	0	0	0
313-30.02	Caribou River	0	39,000	0	0	0
313-30.03	Nelson (Sapsuk) River	1,852	381,000	19,000	1,431	2,568
<b>Total Nelson Lagoon Section</b>		<b>1,852</b>	<b>430,000</b>	<b>19,000</b>	<b>1,431</b>	<b>2,568</b>
<b>Herendeen–Moller Bay Section</b>						
314-20.02	Buck Valley	0	0	0	0	5,400
314-20.03	Doe Valley	0	0	0	0	2,000
314-20.04	Deer Valley	0	0	0	0	0
314-20.05	Portage Valley	0	0	0	0	2,200
314-20.06	Grass Valley	0	7,000	0	0	1,500
314-20.07	Lawrence Valley	0	0	5,100	0	15,000
314-20.08	Mine Harbor	0	0	0	0	2,000
314-20.09	Coal Creek	0	0	0	0	16,700
<b>Herendeen Bay total</b>		<b>0</b>	<b>7,000</b>	<b>5,100</b>	<b>0</b>	<b>44,800</b>
314-30.04	Mud Bay, west creek	0	0	0	0	3,500
314-30.05	Mud Bay, east creek	0	0	0	0	2,700
314-30.07	Right Head Bay, south creek	0	0	0	0	2,800
314-30.09	Right Head Bay, north creek	0	0	0	0	7,200
314-30.10	Left Head Creek	0	0	0	0	10,400
<b>Moller Bay total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26,600</b>
<b>Total Herendeen–Moller Bay Section</b>		<b>0</b>	<b>7,000</b>	<b>5,100</b>	<b>0</b>	<b>71,400</b>
<b>Bear River Section</b>						
315-10.01	Frank's Lagoon	0	0	3,900	0	4,700
315-10.02	King Salmon River	900	0	0	3,000	1,200
315-11.02	Bear River	862	800,000	0	5,251	3,881
315-12.01	Sandy River	253	145,000	0	1,718	91
<b>Total Bear River Section</b>		<b>2,015</b>	<b>945,000</b>	<b>3,900</b>	<b>9,969</b>	<b>9,872</b>
<b>Three Hills Section</b>						
316-10.01	Lime Creek	0	0	400	0	1,600
316-10.02	Mid Three Hills	0	0	350	0	900
316-10.04	SW Three Hills	0	3,000	200	0	2,000
<b>Total Three Hills Section</b>		<b>0</b>	<b>3,000</b>	<b>950</b>	<b>0</b>	<b>4,500</b>

-continued-

Northern District (continued)		Number of salmon <sup>a</sup>				
Stream #.	Stream name	Chinook	Sockeye	Coho	Pink	Chum
<b>Ilnik Section</b>						
316-10.05	Ocean River/Wildman Lake	0	85,000	0	0	0
316-10.06	Willie Creek	0	25,000	0	0	0
316-20.01	Ilnik River	9	238,000	6,000	1,706	0
316-20.04	Unangashak River	0	0	0	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
<b>Total Ilnik Section</b>		<b>9</b>	<b>238,000</b>	<b>6,000</b>	<b>1,706</b>	<b>0</b>
<b>Inner Port Heiden Section</b>						
317-20.01	Unnamed, Port Heiden Area	0	0	0	0	0
317-20.02	Charles Creek	0	0	0	0	0
<b>West Port Heiden Bay total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
317-20.06	Highland Creek	0	200	0	0	0
317-20.04 A&B	Red & Yellow Bluff Creeks	75	21,025	0	0	2,600
317-20.07 A	Meshik River, mainstem	400	43,000	44,000	0	15,000
317-20.07 B	Braided Creek	250	4,000	0	0	0
317-20.07 C	Landlocked Creek	0	4,000	0	0	0
317-20.07 D	Bluff Creek	100	17,000	0	0	0
317-20.07 E	Blue Violet Creek	0	44,000	0	0	0
317-20.07 F	Wolf Creek	0	13,000	0	0	1,100
317-20.07 G	Meshik River, G Creek	0	0	0	0	200
317-20.07 H	Shoe Creek	0	5,000	0	0	11,000
317-20.07 J	Meshik River, J Creek	0	0	0	0	100
317-20.07 K	Meshik River, K Creek	75	13,000	0	0	2,200
317-20.07 L	Meshik River, L Creek	100	17,000	0	0	1,500
317-20.07 M	Meshik River, M Creek	0	0	0	0	0
317-20.07 N	Meshik River, N Creek	0	2,000	0	0	300
317-20.07 O	Plenty Bear Creek	100	2,200	0	0	10,000
317-20.07 O-A	Paddle Creek	0	0	0	0	15,000
317-20.07 P	Waterfall Creek	0	0	0	0	0
317-20.07 R	Rainbow Creek	125	6,000	0	0	1,000
317-20.07 T	Cub Creek	0	300	0	0	600
<b>Meshik River total</b>		<b>1,225</b>	<b>191,725</b>	<b>44,000</b>	<b>0</b>	<b>60,600</b>
317-20.08	Birthday Creek	0	0	0	600	3,300
317-20.09	Barabara Creek	0	20	0	50	300
<b>Total Inner Port Heiden Section</b>		<b>1,225</b>	<b>191,745</b>	<b>44,000</b>	<b>650</b>	<b>64,200</b>
<b>Outer Port Heiden section</b>						
318-10.01	Reindeer Creek	0	10	0	300	2,200
<b>Total Outer Port Heiden Section</b>		<b>0</b>	<b>10</b>	<b>0</b>	<b>300</b>	<b>2,200</b>

-continued-

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	0
SW of Cinder River total		0	0	0	0	0
318-20.04	Mud Creek	0	42,600	6,000	0	800
318-20.06 A	Cinder River, mainstem	0	58,000	14,000	0	23,000
318-20.06 B	Cinder River, B Creek	0	0	0	0	0
318-20.06 C	Cinder River, C Creek	0	0	0	0	100
318-20.06 D	Lava Creek	600	73,000	0	0	11,000
318-20.06 E	High Creek	0	5,000	0	0	0
318-20.06 H	Meloy Creek	300	15,000	0	0	4,000
318-20.06 J	Wiggly Creek	400	34,000	0	0	7,000
318-20.06 K	Ray Creek	200	4,800	0	0	3,000
318-20.06 L	Cinder River, L Creek	0	2,400	0	0	0
318-20.06 P	Cinder River, P Creek	0	0	0	0	0
Cinder River total		1,500	234,800	20,000	0	48,900
Total Cinder River Section		1,500	234,800	20,000	0	48,900
Northern District total		7,976	2,057,855	98,950	76,556	234,440
Total North Peninsula		7,976	2,365,317	103,750	388,271	430,140

<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, 2017.

Date	Observer	Stream	Location	Visibility	Species					Observer remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Whaleback Mtn Crk 311-3007										
7/3/2017		Stream	G		0	0	0	0	0	6K in main first channel fish, only 1 mile into stream.
Lisa Fox		Mouth	G		0	11500	0	0	0	
		Bay	G		0	0	0	0	0	
8/15/2017		Stream	G		0	254000	0	0	0	
Colton Lipka		Mouth	G		0	0	0	0	0	
		Bay	G		0	0	0	0	0	
Christianson Lagoon 311-3008										
6/20/2017		Stream	F		0	285	0	0	0	Surveyed bottom 3 miles all fish in first half mile from mouth. Both markers up and visible.
Colton Lipka		Mouth	F		0	0	0	0	0	
		Bay	F		0	0	0	0	0	
7/10/2017		Stream	G		0	19000	0	0	0	
Colton Lipka		Mouth	G		0	0	0	0	0	
		Bay	G		0	0	0	0	0	
7/18/2017		Stream	G		0	36600	0	0	0	
Colton Lipka		Mouth	G		0	0	0	0	0	
		Bay	G		0	0	0	0	0	
8/15/2017		Stream	F		0	2500	0	6000	0	
Colton Lipka		Mouth	F		0	0	0	0	0	
		Bay	F		0	0	0	0	0	
Mud Hole 311-3009										
6/20/2017		Stream	G		0	0	0	0	0	No fish.
Colton Lipka		Mouth	G		0	0	0	0	0	
		Bay	G		0	0	0	0	0	

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Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Mud Hole 311-3009									
7/18/2017		Stream	G	0	300	0	0	0	
Colton Lipka		Mouth	G	0	600	0	0	0	
		Bay	G	0	0	0	0	0	
8/15/2017		Stream	G	0	2800	0	0	0	No fish.
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Clear Lagoon 311-3010									
7/3/2017		Stream	E	0	150	0	0	0	
Lisa Fox		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
7/10/2017		Stream	G	0	1600	0	0	0	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
8/15/2017		Stream	G	0	1500	0	0	0	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Swanson Lagoon 311-5002									
6/20/2017		Stream	G	0	0	0	0	0	No fish.
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
7/3/2017		Stream	G	0	0	0	0	0	No fish.
Lisa Fox		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	

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Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Swanson Lagoon 311-5002									
7/10/2017		Stream	G	0	750	0	0	0	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
7/18/2017		Stream	P	0	860	0	0	0	
Colton Lipka		Mouth	P	0	0	0	0	0	
		Bay	P	0	0	0	0	0	
8/15/2017		Stream	F	0	54	0	0	0	Closed off by dunes from wave action.
Colton Lipka		Mouth	P	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Mike's Valley 311-6001									
6/20/2017		Stream	G	0	0	0	0	0	No fish.
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
7/3/2017		Stream	G	0	0	0	0	0	10K chum in bay.
Lisa Fox		Mouth	G	0	0	0	0	17000	
		Bay	G	0	0	0	0	0	
7/10/2017		Stream	G	0	0	0	500	5500	Lower 2 miles had fish.
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
7/18/2017		Stream	G	0	0	0	0	11600	Jumpers out front, fish all the way up to
Colton Lipka		Mouth	G	0	0	0	0	0	Priest Rock.
		Bay	G	0	0	0	0	0	

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Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Mike's Valley 311-6001									
8/15/2017		Stream	G	0	600	0	58000	78000	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Anderson's Creek 311-6006									
8/9/2017		Stream	G	0	0	0	15	0	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
8/15/2017		Stream	G	0	0	0	10	0	Blocked off by sand from beach.
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	10000	0	
9/7/2017		Stream	G	0	0	0	0	0	Mouth corked off by beach sand.
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Trader's Cove 311-6008									
8/9/2017		Stream	G	0	0	0	18750	500	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
8/15/2017		Stream	G	0	2	0	28000	0	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	

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Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Trader's Cove 311-6008									
9/7/2017		Stream	G	0	0	0	44000	0	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Warmsprings Bay 311-6012									
8/9/2017		Stream	G	0	0	0	33	0	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
8/15/2017		Stream	G	0	0	0	400	0	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
9/7/2017		Stream	G	0	0	0	14300	0	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Hungry's Creek 311-6013									
8/9/2017		Stream	G	0	0	0	3300	800	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
8/15/2017		Stream	G	0	0	0	51000	0	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
9/7/2017		Stream	G	0	0	4800	47000	0	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	

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Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Norma Bay Lakes 312-2001									
8/19/2017		Stream	P	0	0	0	0	0	
Colton Lipka		Mouth	P	0	0	0	0	0	
		Bay	P	0	0	0	0	0	
Mike's Duck Camp 312-2002									
8/19/2017		Stream	G	0	0	0	0	2400	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Alligator Hole Ctr. 312-2003									
8/19/2017		Stream	G	0	0	0	0	8800	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Alligator Hole East 312-2004									
8/19/2017		Stream	G	0	0	0	0	1800	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Frosty Creek 312-2005									
8/19/2017		Stream	G	0	200	0	6500	13800	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
Blue Bill Lake 312-2006									
8/19/2017		Stream	G	0	300	0	0	0	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	

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Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Joshua Green River 312-4001									
8/19/2017		Stream	G	0	10500	0	56000	78000	
Colton Lipka		Mouth	G	0	0	0	0	0	
		Bay	G	0	0	0	0	0	
North Creek 313-1002									
8/14/2017		Stream	-	275	5800	0	0	12000	A: 2,200 sockeye, 200 Chinook, 1,300 Chum. B: 2,200 Sockeye, 3,300 Chum
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Cathedral River 313-1005									
8/14/2017		Stream	-	0	0	0	0	0	Too murky to count.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Trader Mtn Cr. (Russian R.) 313-1006									
8/14/2017		Stream	-	150	2000	0	700	1800	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Amoco Airstrip Creek 313-1009									
8/14/2017		Stream	-	0	0	0	1800	2000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Black Hills Creek 313-1011									
8/14/2017		Stream	-	550	200	0	20000	3000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	

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Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Steelhead Creek 313-1014									
8/14/2017		Stream	-	400	300	0	40000	12000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Mainshak Creek 313-1015									
8/14/2017		Stream	-	0	0	0	0	0	Too murky to count.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
David's River 313-3001									
7/17/2017		Stream	-	0	0	0	0	0	Fish not in clear water yet.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
7/24/2017		Stream	-	0	10000	0	0	0	All sockeye observed far up river. Big
Bob Murphy		Mouth	-	0	0	0	0	0	Fish Lake was too murky to count.
		Bay	-	0	0	0	0	0	
Caribou River 313-3002									
7/17/2017		Stream	-	0	0	0	0	0	Fish not on spawning grounds yet.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
7/24/2017		Stream	-	0	39000	0	0	0	Sockeye on spawning grounds, but no
Bob Murphy		Mouth	-	0	0	0	0	0	carcasses.
		Bay	-	0	0	0	0	0	

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Date	Observer	Location	Visibility	Species					Observer remarks
				Chinook	Sockeye	Coho	Pink	Chum	
Caribou River 313-3002									
8/28/2017		Stream	-	0	0	0	0	0	Too murky to count.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Sapsuk River Branches and Lake 313-3003									
6/20/2017		Stream	G	100	3500	0	0	0	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
7/24/2017		Stream	-	350	12200	0	0	0	Kings and Sockeye between Hoodoo Lodge and weir.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
8/28/2017		Stream	-	0	0	19000	0	0	Surveyed from weir site to confluence of Caribou River.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Drill Hole and Coast Lakes 313-3004									
8/14/2017		Stream	-	0	0	0	0	0	Too murky to count.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Buck Valley 314-2002									
8/8/2017		Stream	-	0	0	0	0	400	
Reid Johnson		Mouth	-	0	0	0	0	5000	
		Bay	-	0	0	0	0	0	

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Date	Observer	Location	Visibility	Species					Observer remarks
				Chinook	Sockeye	Coho	Pink	Chum	
Doe Valley 314-2003									
8/8/2017		Stream	-	0	0	0	0	0	River is too murky to count.
Reid Johnson		Mouth	-	0	0	0	0	2000	
		Bay	-	0	0	0	0	0	
Deer Valley 314-2004									
8/8/2017		Stream	-	0	0	0	0	0	Too murky to count.
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Portage Creek 314-2005									
8/8/2017		Stream	-	0	0	0	0	2200	
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Grass Valley 314-2006									
8/8/2017		Stream	P	0	7000	0	0	1500	River is murky, lake is clear. Sockeye and carcasses observed in lake.
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Lawrence Valley 314-2007									
7/17/2017		Stream	-	0	0	0	0	0	No fish observed in river, jumpers observed at mouth.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
7/24/2017		Stream	-	0	0	0	0	15000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	

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Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Lawrence Valley 314-2007									
8/8/2017		Stream	-	0	0	0	0	14700	
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
8/28/2017		Stream	-	0	0	5100	0	0	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Mine Harbor 314-2008									
8/8/2017		Stream	-	0	0	0	0	2000	
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Coal Creek 314-2009									
7/17/2017		Stream	-	0	0	0	0	500	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
7/24/2017		Stream	-	0	0	0	0	2000	
Bob Murphy		Mouth	-	0	0	0	0	10000	
		Bay	-	0	0	0	0	0	
8/8/2017		Stream	-	0	0	0	0	16700	
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
8/28/2017		Stream	-	0	0	0	0	0	Too murky to count.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	

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Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Mud Bay West Creek 314-3004									
8/8/2017		Stream	-	0	0	0	0	3500	
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Mud Bay East Creek 314-3005									
8/8/2017		Stream	-	0	0	0	0	2700	
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Right Head Bay South Creek 314-3007									
8/8/2017		Stream	-	0	0	0	0	2800	
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Right Head Bay North Creek 314-3009									
8/8/2017		Stream	-	0	0	0	0	7200	
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Left Head Creek 314-3010									
8/8/2017		Stream	-	0	0	0	0	10400	
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Frank's Lagoon 315-1001									
7/29/2017		Stream	-	0	0	0	0	4700	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	

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Date	Observer	Stream	Location	Visibility	Species					Observer remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Frank's Lagoon 315-1001										
8/28/2017		Stream	-		0	0	3900	0	0	
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
King Salmon River 315-1002										
8/14/2017		Stream	-		900	0	0	3000	1200	
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
Bear River, Branches and Lake, 315-1102										
6/21/2017		Stream	-		0	8700	0	0	0	5,000 sockeye observed between weir and Mad Sow; the rest observed between Mad Sow and mouth.
Reid Johnson		Mouth	-		0	0	0	0	0	
Bob Murphy		Bay	-		0	0	0	0	0	
		Stream	-		0	7000	0	0	0	Surveyed from weir to mouth of river.
6/23/2017		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
6/28/2017		Stream	-		0	1500	0	0	0	Surveyed from weir to Mad Sow, most fish observed within a few miles of the weir.
Bob Murphy		Mouth	-		0	0	0	0	0	
7/6/2017		Bay	-		0	0	0	0	0	
		Stream	-		0	21000	0	0	0	Surveyed from Mad Sow to weir.
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	21000	0	0	0	Surveyed from Mad Sow to weir.

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Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Bear River, Branches and Lake, 315-1102									
7/29/2017		Stream	-	800	50	0	0	3500	Fish observed in Ridgerunner Creek, a branch of Bear River.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
8/8/2017		Stream	-	0	18100	0	0	0	
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Lime Creek 316-1001									
7/29/2017		Stream	-	0	0	0	0	1600	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
8/28/2017		Stream	-	0	0	400	0	0	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Unnamed Mid Three Hills 316-1002									
7/29/2017		Stream	-	0	0	0	0	900	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
8/28/2017		Stream	-	0	0	350	0	0	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
SW Three Hills 316-1004									
7/29/2017		Stream	-	0	3000	0	0	2000	Sockeye observed in the lake on spawning grounds.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	

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Date	Observer	Stream	Location	Visibility	Species					Observer remarks
					Chinook	Sockeye	Coho	Pink	Chum	
SW Three Hills 316-1004										
8/28/2017		Stream	-		0	0	200	0	0	
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
Ocean River 316-1005										
7/29/2017		Stream	-		0	85000	0	0	0	
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
Willie Creek 316-1006										
7/29/2017		Stream	-		0	25000	0	0	0	
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
Inlik River/Estuary 316-2001										
6/28/2017		Stream	-		0	2500	0	0	0	Sockeye observed directly behind weir at approximately 15:00.
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
7/6/2017		Stream	-		0	25000	0	0	0	Sockeye observed behind weir.
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
Inlik River/Estuary 316-2001										
7/18/2017		Stream	-		0	500	0	0	0	Sockeye observed behind weir.
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	

-continued-

Date	Observer	Stream	Location	Visibility	Species					Observer remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Innik River/Estuary 316-2001										
7/29/2017		Stream	-		0	90000	0	0	0	Sockeye observed spawning, no carcasses.
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
8/28/2017		Stream	-		0	0	6000	0	0	
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
Unangashak River 316-2004										
8/28/2017		Stream	-		0	0	0	0	0	Too murky to count.
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
Highland Creek 317-2006										
8/1/2017		Stream	-		0	200	0	0	0	
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
Birthday Creek 317-2008										
8/1/2017		Stream	-		0	20	0	600	3300	Pinks observed in lower river.
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	
Barbara Creek 317-2009										
8/1/2017		Stream	-		0	0	0	50	300	
Bob Murphy		Mouth	-		0	0	0	0	0	
		Bay	-		0	0	0	0	0	

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Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Red Bluff Creek 317-204A									
8/1/2017		Stream	-	75	21000	0	0	600	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Yellow Bluff Creek 317-204B									
8/1/2017		Stream	-	0	25	0	0	2000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Meshik River Mainstem 317-207A									
6/16/2017		Stream	G	0	13000	0	0	0	Fish observed farther up river than usual. Fish observed up to 3 miles above Scotty's Island.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
6/23/2017		Stream	-	0	32000	0	0	0	Fish observed not more than 3 miles above Scotty's Island.
Bob Murphy		Mouth	-	0	0	0	0	0	
	Reid Johnson	Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
6/28/2017		Stream	-	0	51000	0	0	0	Fish observed up to 7 miles above Scotty's Island. No subsistence observed.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
7/6/2017		Stream	-	400	102000	0	0	0	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
7/18/2017		Stream	-	0	36000	0	0	0	Fish observed at confluences of tributaries and landlocked creek.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	

-continued-

Date	Observer	Location	Visibility	Species					Observer remarks
				Chinook	Sockeye	Coho	Pink	Chum	
Meshik River Mainstem 317-207A									
8/1/2017		Stream	-	0	43000	0	0	15000	Beaver dam is blocking off outlet of lake.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
8/28/2017		Stream	-	0	0	44000	0	0	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Braided Creek 317-207B									
8/1/2017		Stream	-	250	4000	0	0	0	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Landlocked Cr. (Hotsprings Cr.) 317-207C									
6/23/2017		Stream	-	0	4000	0	0	0	
Reid Johnson		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
8/28/2017		Stream	-	0	0	0	0	0	No fish observed.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Bluff Creek, Branch Of Landlocked, 317-207D									
8/1/2017		Stream	-	100	17000	0	0	0	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Blue Violet Sleepy And Black Creeks 317-207E									
8/1/2017		Stream	-	0	44000	0	0	0	12,000 of the observed fish were in Black Creek.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Wolf Creek 317-207F									
8/1/2017		Stream	-	0	13000	0	0	1100	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Meshik River G Creek 317-207G									
8/1/2017		Stream	-	0	0	0	0	200	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Shoe Creek 317-207H									
8/1/2017		Stream	-	0	5000	0	0	11000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Meshik River J Creek 317-207J									
8/1/2017		Stream	-	0	0	0	0	100	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Meshik River, K Creek, 317-207K									
8/1/2017		Stream	-	75	13000	0	0	2200	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Meshik River L Creek 317-207L									
8/1/2017		Stream	-	100	17000	0	0	1500	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Meshik River N Creek 317-207N									
8/1/2017		Stream	-	0	2000	0	0	300	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Plenty Bear Creek 317-207O									
8/1/2017		Stream	-	100	2200	0	0	10000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Paddle Creek 317-207OA									
8/1/2017		Stream	-	0	0	0	0	15000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Waterfall Creek 317-207P									
8/1/2017		Stream	P	0	0	0	0	0	Too murky to count.
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Rainbow Creek 317-207R									
8/1/2017		Stream	-	125	6000	0	0	1000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	

-continued-

Date	Observer	Stream	Location	Visibility	Species					Observer remarks
					Chinook	Sockeye	Coho	Pink	Chum	
Cub Creek 317-207T										
8/1/2017		Stream		-	0	300	0	0	600	
Bob Murphy		Mouth		-	0	0	0	0	0	
		Bay		-	0	0	0	0	0	
Reindeer Creek 318-1001										
8/1/2017		Stream		-	0	10	0	300	2200	
Bob Murphy		Mouth		-	0	0	0	0	0	
		Bay		-	0	0	0	0	0	
8/28/2017		Stream		-	0	0	0	0	0	Too murky to count.
Bob Murphy		Mouth		-	0	0	0	0	0	
		Bay		-	0	0	0	0	0	
Mud Creek 318-2004										
8/1/2017		Stream		-	0	42600	0	0	800	
Bob Murphy		Mouth		-	0	0	0	0	0	
		Bay		-	0	0	0	0	0	
8/28/2017		Stream		-	0	0	6000	0	0	2,000 of observed coho are in lower river.
Bob Murphy		Mouth		-	0	0	0	0	0	
		Bay		-	0	0	0	0	0	
Cinder River, Mainstem, 318-206A										
8/1/2017		Stream		-	0	58000	0	0	23000	
Bob Murphy		Mouth		-	0	0	0	0	0	
		Bay		-	0	0	0	0	0	

-continued-



Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Cinder River, Mainstem, 318-206A									
8/28/2017		Stream	F	0	0	14000	0	0	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Cinder River, C Creek, 318-206C									
8/1/2017		Stream	-	0	0	0	0	100	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Lava Creek 318-206D									
8/1/2017		Stream	-	600	73000	0	0	11000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
High Creek 318-206E									
8/1/2017		Stream	-	0	5000	0	0	0	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Meloy Creek 318-206H									
8/1/2017		Stream	-	300	15000	0	0	4000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Wiggly Creek 318-206J									
8/1/2017		Stream	-	400	34000	0	0	7000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	

-continued-

Stream				Species					Observer remarks
Date	Observer	Location	Visibility	Chinook	Sockeye	Coho	Pink	Chum	
Wiggly Creek 318-206J									
8/1/2017		Stream	-	400	34000	0	0	7000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Ray Creek 318-206K									
8/1/2017		Stream	-	200	4800	0	0	3000	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	
Cinder River L Creek 318-206L									
8/1/2017		Stream	-	0	2400	0	0	0	
Bob Murphy		Mouth	-	0	0	0	0	0	
		Bay	-	0	0	0	0	0	

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

**APPENDIX B. NORTH ALASKA PENINSULA TEST  
FISHERY, 2017**

**ALASKA DEPARTMENT OF FISH AND GAME  
DIVISION OF COMMERCIAL FISHERIES  
UPDATE**



*Sam Cotten, Commissioner  
Scott Kelley, Director*



---

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

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

Phone: (907) 375-2716  
Fax: (907) 375-2715  
Email: robert.murphy@alaska.gov

Date Issued: 8/6/17  
Time: 7:30 a.m.

**BEAR RIVER TEST FISHERY UPDATE #1**

On August 5, 7 drift gillnet vessels participated in a test fishery. The harvest in number of fish was:

Chinook: 0  
Sockeye: 8,298  
Coho: 6  
Pink: 25  
Chum: 346

No changes to any commercial fishery announcement at this time.

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

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

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

- end -

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

Appendix C1.—Summary of commercial salmon fishing exvessel value, 1996-2017.

Year	Gear Name	Exvessel value					Total
		Chinook	Sockeye	Coho	Pink	Chum	
1996 <sup>a</sup>	Drift gillnet	\$19,507	\$7,336,703	\$254,745	\$9,877	\$27,552	\$7,648,384
	Purse seine	\$168	\$194,858	\$17,522	\$115	\$1,501	\$214,163
	Set gillnet	\$13,742	\$1,462,520	\$165,683	\$159	\$3,573	\$1,645,677
	Total	\$33,417	\$8,994,080	\$437,949	\$10,151	\$32,625	\$9,508,223
1997	Drift gillnet	\$53,464	\$10,682,245	\$266,432	\$19,270	\$48,795	\$11,070,206
	Purse seine	\$29	\$85,992	\$0	\$23	\$30,761	\$116,805
	Set gillnet	\$25,924	\$2,126,353	\$126,431	\$399	\$7,132	\$2,286,238
	Total	\$79,417	\$12,894,590	\$392,863	\$19,692	\$86,688	\$13,473,249
1998	Drift gillnet	\$25,285	\$5,096,974	\$367,480	\$12,914	\$40,420	\$5,543,073
	Purse seine	\$7	\$81,528	\$10,964	\$116	\$16,931	\$109,546
	Set gillnet	\$15,166	\$649,209	\$83,620	\$329	\$6,818	\$755,143
	Total	\$40,458	\$5,827,712	\$462,064	\$13,359	\$64,170	\$6,407,763
1999	Drift gillnet	\$20,837	\$7,610,937	\$96,639	\$2,138	\$32,835	\$7,763,386
	Purse seine	\$0	\$396,873	\$3,060	\$23	\$23	\$399,979
	Set gillnet	\$9,484	\$1,258,132	\$15,087	\$33	\$2,417	\$1,285,152
	Total	\$30,320	\$9,265,942	\$114,786	\$2,193	\$35,275	\$9,448,516
2000	Drift gillnet	\$19,142	\$8,650,431	\$151,373	\$5,510	\$46,422	\$8,872,879
	Purse seine	\$31	\$326,181	\$30,862	\$200	\$4,972	\$362,245
	Set gillnet	\$8,182	\$837,569	\$43,768	\$43	\$3,387	\$892,950
	Total	\$27,355	\$9,814,181	\$226,003	\$5,754	\$54,781	\$10,128,074
2001	Drift gillnet	\$9,455	\$2,880,943	\$25,455	\$2,811	\$41,939	\$2,960,603
	Purse seine	\$9	\$107,538	\$1	\$69	\$71,636	\$179,252
	Set gillnet	\$8,978	\$361,169	\$2,617	\$16	\$3,840	\$376,620
	Total	\$18,442	\$3,349,650	\$28,073	\$2,895	\$117,415	\$3,516,475
2002	Drift gillnet	\$9,980	\$2,910,867	\$22,601	\$3,016	\$16,351	\$2,962,814
	Purse seine	\$18	\$134,887	\$1	\$40	\$4,245	\$139,190
	Set gillnet	\$4,728	\$535,392	\$3,144	\$13	\$2,268	\$545,544
	Total	\$14,725	\$3,581,145	\$25,746	\$3,068	\$22,864	\$3,647,548
2003	Drift gillnet	\$13,327	\$3,696,333	\$59,296	\$3,254	\$15,204	\$3,787,414
	Purse seine	\$4	\$152,948	\$0	\$4	\$4,908	\$157,863
	Set gillnet	\$4,015	\$689,548	\$25,836	\$4	\$2,196	\$721,598
	Total	\$17,345	\$4,538,829	\$85,131	\$3,262	\$22,308	\$4,666,875

-continued-

Year	Gear Name	Exvessel value					Total
		Chinook	Sockeye	Coho	Pink	Chum	
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
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

-continued-

Year	Gear name	Exvessel value					Total
		Chinook	Sockeye	Coho	Pink	Chum	
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
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
2007- 2016 average	Drift gillnet	\$30,791	\$8,033,756	\$126,295	\$2,324	\$147,040	\$8,340,205
	Purse seine	\$85	\$211,363	\$2,657	\$1,380	\$198,794	\$414,279
	Set gillnet	\$6,033	\$566,324	\$91,010	\$75	\$6,266	\$669,707
	Total	\$36,908	\$8,811,443	\$219,962	\$3,778	\$352,099	\$9,424,190

Note: Exvessel values do not include processor bonuses, incentives, refrigerated seawater prices, or post season adjustments.

<sup>a</sup> Due to omissions from fish tickets, these values are estimated using average price per pound values for the entirety of Area M.



Appendix C2.—Average weights and approximate exvessel prices for salmon in the Alaska Peninsula, Aleutian Islands, and Atka-Amlia areas, 1986-2017.

Year	Average weight					Price per pound				
	Chinook	Sockeye	Coho	Pink	Chum	Chinook	Sockeye	Coho	Pink	Chum
1986	19.47	5.31	8.20	3.41	6.94	\$1.06	\$1.47	\$0.71	\$0.23	\$0.38
1987	19.08	6.07	7.77	3.17	6.53	\$1.20	\$1.61	\$0.83	\$0.25 <sup>a</sup>	\$0.59
1988	18.47	6.26	9.10	3.54	7.50	\$1.28	\$1.99	\$1.68	\$0.24	\$0.54
1989	18.13	5.85	7.69	4.08	6.67	\$1.31	\$1.40	\$0.80	\$0.31	\$0.37
1990	14.41	5.42	7.66	2.89	6.49	\$1.12	\$1.65	\$0.77	\$0.23	\$0.33
1991	10.85	5.52	7.77	3.22	6.62	\$0.67	\$0.90	\$0.60	\$0.12 <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
2007-2016 Avg.	15.47	5.67	7.78	3.35	7.17	\$0.99	\$0.85	\$0.43	\$0.24	\$0.31

Note: Average prices do not include processor bonuses, incentives, refrigerated sea water, or post season 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, 2017.

	Exvessel value					
	Chinook	Sockeye	Coho	Pink	Chum	Total
<b>PURSE SEINE</b>						
Northern District						
Poundage	0	0	0	0	0	-
Average weight	-	-	-	-	-	
Exvessel value	\$0	\$0	\$0	\$0	\$0	\$0
Northwestern District						
Poundage	36	452,686	275	9,528	382,254	844,779
Average weight	11.7	5.5	6.0	3.7	7.3	
Exvessel value	\$53	\$452,686	\$88	\$0	\$107,031	\$559,858
North Peninsula Total						
Poundage	36	452,686	275	9,528	382,254	844,779
Average weight	11.7	5.5	6.0	3.7	7.3	
Exvessel value	\$53	\$452,686	\$88	\$0	\$107,031	\$559,858
<b>DRIFT GILLNET</b>						
Northern District						
Poundage	42,058	20,883,202	66,572	21,170	127,880	21,140,882
Average weight	16.3	5.9	6.5	3.3	6.5	
Exvessel value	\$62,246	\$20,883,202	\$21,303	\$0	\$35,806	\$21,002,557
Northwestern District						
Poundage	203	44,949	530	8,041	31,119	84,842
Average weight	15.5	6.0	5.5	3.3	5.7	
Exvessel value	\$300	\$44,949	\$170	\$0	\$8,713	\$54,132
North Peninsula Total						
Poundage	42,261	20,928,151	67,102	29,211	158,999	21,225,724
Average weight	16.3	5.9	6.5	3.3	6.4	
Exvessel value	\$62,546	\$20,928,151	\$21,473	\$0	\$44,520	\$21,056,690

-continued-

	Exvessel value					
	Chinoook	Sockeye	Coho	Pink	Chum	Total
<b>SET GILLNET</b>						
Northern District						
Poundage	8,052	1,300,196	974	103	41,377	1,350,702
Average weight	17.0	5.4	5.3	4.1	7.2	
Exvessel value	\$11,917	\$1,300,196	\$312	\$0	\$11,586	\$1,324,010
Northwestern District						
Poundage	0	0	0	0	0	0
Average weight	-	-	-	-	-	
Exvessel value	\$0	\$0	\$0	\$0	\$0	\$0
North Peninsula Total						
Poundage	8,052	1,300,196	974	103	41,377	1,350,702
Average weight	17.0	5.4	5.3	4.1	7.2	
Exvessel value	\$11,917	\$1,300,196	\$312	\$0	\$11,586	\$1,324,010
<b>ALL GEAR TYPES</b>						
Northern District						
Poundage	50,111	22,183,398	67,546	21,273	169,257	22,491,585
Average weight	16.4	5.9	6.4	3.4	6.7	
Exvessel value	\$74,164	\$22,183,398	\$21,615	\$0	\$47,392	\$22,326,569
Northwestern District						
Poundage	237	497,635	805	17,569	413,373	929,619
Average weight	14.8	5.6	5.6	3.5	7.1	
Exvessel value	\$351	\$497,635	\$258	\$0	\$115,744	\$613,988
North Peninsula Total						
Poundage	50,348	22,681,033	68,351	38,842	582,630	23,421,204
Average weight	16.4	5.8	6.4	3.4	7.0	
Exvessel value	\$74,515	\$22,681,033	\$21,872	\$0	\$163,136	\$22,940,557

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