

**Fishery Management Report No. 15-41**

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**Annual Management Report for Groundfish Fisheries  
in the Kodiak, Chignik, and South Alaska Peninsula  
Management Areas, 2014**

by

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and

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October 2015

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Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



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

<b>Weights and measures (metric)</b>		<b>General</b>		<b>Mathematics, statistics</b>	
centimeter	cm	Alaska Administrative Code	AAC	<i>all standard mathematical signs, symbols and abbreviations</i>	
deciliter	dL	all commonly accepted abbreviations	e.g., Mr., Mrs., AM, PM, etc.	alternate hypothesis	$H_A$
gram	g	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 <sub>2</sub> , 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 sample	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				

***FISHERY MANAGEMENT REPORT NO. 15-41***

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## ABSTRACT

This report summarizes 2014 harvest, effort, and management of commercial state-waters and parallel groundfish fisheries managed by the Alaska Department of Fish and Game in the Kodiak, Chignik, and South Alaska Peninsula areas. Principal state-waters fisheries include Pacific cod *Gadus macrocephalus* and black rockfish *Sebastes melanops*. The 2014 harvest of Pacific cod during state-waters fisheries totaled 43.87 million pounds from 185 vessels, for an estimated exvessel value of \$13.60 million. Black rockfish, predominantly harvested in the Kodiak Area, totaled 109,053 pounds for an estimated exvessel value of \$44,700. During parallel fisheries, ADF&G adopts most seasons, bycatch limits, and allowable gear types established by the National Marine Fisheries Service for federal fisheries that occur in the adjacent exclusive economic zone. Walleye pollock *Gadus chalcogrammus* and Pacific cod are the dominant species harvested during parallel fisheries.

Key words: Kodiak, Chignik, South Alaska Peninsula, groundfish, Pacific cod, black rockfish, state-waters, parallel, commercial fisheries, exvessel, trawl, pot, jig, Annual Management Report

## INTRODUCTION

This report provides an overview of commercial groundfish fisheries in the Kodiak, Chignik, and South Alaska Peninsula areas and summarizes commercial catch information and regulations that guide management of groundfish resources. Appendix A defines frequently used acronyms and key words associated with groundfish fisheries.

Commercial groundfish fisheries inside state waters (0–3 nmi) are managed by the Alaska Department of Fish and Game (ADF&G) under regulations developed by the Alaska Board of Fisheries (BOF). Management authority for commercial groundfish fisheries in the exclusive economic zone (EEZ; 3–200 nmi) off Alaska is delegated to National Marine Fisheries Service (NMFS) through the Magnuson–Stevens Fishery Conservation and Management Act (MSFCMA 2007). Federal commercial groundfish fisheries are prosecuted under guidelines developed by the North Pacific Fishery Management Council (NPFMC).

Several commercially important groundfish species managed by NMFS also occur inside state waters. To facilitate consistency between state and federal regulations for specific transboundary groundfish species, ADF&G issues an annual emergency order (EO) establishing parallel groundfish seasons. During parallel fisheries, the state adopts most NMFS rules such that seasons, allowable gear, bycatch limits, and inseason management actions mirror federal regulations of the adjacent federal fisheries unless superseded by BOF regulations. In 2014, 15 EOs were issued to regulate parallel and state-waters groundfish fisheries in the Kodiak, Chignik, and South Alaska Peninsula management areas (Table 2).

State-waters seasons are independent of federal/parallel fisheries. In the Kodiak, Chignik, and South Alaska Peninsula areas, state-waters seasons for Pacific cod *Gadus macrocephalus*, lingcod *Ophiodon elongates*, black rockfish *Sebastes melanops*, and dark rockfish *Sebastes ciliates* have been established by regulation. State-waters seasons for Pacific cod and sablefish are prosecuted exclusively within state waters of Alaska. The state has management authority from shore to the 200 nautical mile boundary of the EEZ for lingcod, dark rockfish, and black rockfish.

During 2014, Pacific cod and walleye pollock *Gadus chalcogrammus* made up the largest volume of groundfish harvested from state waters in the Kodiak, Chignik, and South Alaska Peninsula areas (Table 1). In state waters, all directed walleye pollock harvest occurred during parallel seasons, whereas Pacific cod were harvested during both parallel and state-waters seasons.

## **PACIFIC COD**

Pacific cod, considered a transoceanic species, are managed as a single Gulf of Alaska (GOA) stock (Shimada and Kimura 1994). The 2014 GOA Pacific cod Acceptable Biological Catch (ABC) of 195,108,870 pounds (A'mar and Palsson 2013) was apportioned by NMFS as 60% to the Central Gulf of Alaska (CGOA; 117.07 million pounds), 37% to the Western Gulf of Alaska (WGOA; 72.19 million pounds), and 3% to the Eastern Gulf of Alaska (EGOA; 5.85 million pounds) federal management areas (Figure 1).

The Pacific cod ABC is further apportioned between federal/parallel fisheries and state-waters fisheries. Federal/parallel fisheries in the CGOA and WGOA receive 75% and 70% respectively of the annual ABC as total allowable catch (TAC). These TACs are further apportioned by gear and operation type. Annually, NMFS allocates 60% of the TAC to the A season, which begins January 1 for fixed gear vessels and January 20 for trawl vessels. The remaining 40% of the TAC is made available for the B season beginning June 10 for jig gear and September 1 for pot, longline, and trawl gear. Twenty-five percent of the annual CGOA ABC and 30% of the WGOA ABC is available for harvest in state-waters Pacific cod fisheries as a guideline harvest level (GHL). State-waters Pacific cod GHLs in the Kodiak, Chignik, and South Alaska Peninsula areas are not further apportioned into A or B seasons.

The 2014 CGOA Pacific cod harvest, including federal, parallel and state-waters seasons, totaled 101.7 million pounds (Table 3), which was 13% under the CGOA ABC. Approximately 35% of the CGOA total harvest was taken from state waters of Alaska (Table 3). Total Pacific cod harvest from the WGOA during 2014 totaled 67.15 million pounds, approximately 7% under the WGOA ABC. Approximately 51% of the total WGOA harvest was taken from state waters of Alaska (Table 4).

## **PARALLEL SEASON**

### **Background**

ADF&G annually issues an EO establishing parallel Pacific cod seasons in state waters of the Kodiak, Chignik, and South Alaska Peninsula management areas. EOs establishing parallel Pacific cod seasons adopt most federal fishing regulations including season dates, gear, area closures, bycatch limits, or other regulations the commissioner determines reasonably necessary to accommodate federal fishery management measures in state waters. NMFS area closures, including closures for Steller sea lion (SSL) protection, are in effect during parallel fisheries. Federal seabird avoidance requirements are recognized by the state during parallel Pacific cod fisheries as are vessel monitoring system and catch reporting requirements. Vessels participating in parallel Pacific cod fisheries are not required to possess a Federal Fishing Permit or a License Limitation Program permit.

Beginning in 2012, management of federal Pacific cod fisheries in the CGOA and WGOA transitioned from derby-style fisheries to gear sector allocations. Sectors were created for catcher-vessels (CV) and catcher-processors (CP) using longline, jig, and trawl gear, and a combined CV/CP sector was created for vessels using pot gear. Prior to sector management, the federal/parallel Pacific cod season closed for all gear types upon achievement of the Pacific cod TAC.

### ***2014 Central Gulf of Alaska Parallel Season***

The CGOA parallel A season was open from January 1 through February 13 for pot gear and from January 1 through March 15 for jig gear in both the Kodiak and Chignik areas. The CGOA parallel pot gear B season was open from September 1 through November 10 in the Kodiak Area and from October 7 through December 31 in the Chignik Area. There was no CGOA parallel jig gear B season in either Kodiak or Chignik areas during 2014 because the state-waters seasons did not close.

Harvest of Pacific cod by all gear types during the 2014 parallel fishery within the Kodiak Management Area totaled 7.95 million pounds (Table 5). The majority of Pacific cod were harvested using longline gear (4.19 million pounds) and pot gear (3.43 million pounds).

The majority of the Chignik Management Area is located within the CGOA with a small portion located within the WGOA federal management area (Figure 1). Productive Pacific cod fishing grounds in the Chignik Area are closed to fishing during federal and parallel Pacific cod fisheries due to SSL closures implemented in 2001. As a result, Chignik Area parallel season Pacific cod harvests have generally been less than 500,000 pounds annually. The 2014 Chignik Area parallel Pacific cod harvest of 1.73 million pounds was predominantly taken by vessels using pot gear (Table 6). The early closure of the WGOA parallel A season lead to increased effort in the CGOA parallel A season and the highest harvest on record in the Chignik Area.

### ***2014 Western Gulf of Alaska Parallel Season***

The WGOA parallel A season was open from January 1 through January 22 for pot gear and from January 1 through March 15 for jig. The WGOA parallel B season was open from September 1 through December 31 for pot gear and from May 17 through December 31 for jig gear. Harvest of Pacific cod by all gear types during the 2014 South Alaska Peninsula Area parallel season totaled 11.79 million pounds (Table 7). The majority of Pacific cod were harvested by vessels using pot gear (8.55 million pounds).

## **STATE-WATERS SEASON**

### **Background**

The state-waters Pacific cod seasons in the Kodiak, Chignik, and South Alaska Peninsula areas began in 1997. The BOF developed state-waters Pacific cod management plans that defined season dates, gear types, GHL allocation and rollover provisions, vessel registration requirements, and gear storage regulations for each management area (Table 8). Allowable gear types (pot, jig, and hand troll gear) and gear limits (60 pots or 5 jig machines) were the same across the 3 newly adopted management plans. Fishing season, vessel size and registration limits, GHL allocation and rollover, and gear storage were unique to each management area.

GHLs for each management area are set as a percentage of the annual federal Pacific cod ABC. State-waters GHLs were initially capped at 15% of the ABC established for the federal WGOA or CGOA management areas and were structured to increase incrementally to 20% and then 25% of federal ABCs if harvest in any year was within 10% of the established state-waters GHL. By 2003, each management area achieved the maximum GHL increment and GHLs were set at 25% of the WGOA ABC for the South Alaska Peninsula Area, 12.50% of the CGOA ABC for the Kodiak Area, 8.75% of the CGOA ABC for the Chignik Area, and 3.75% of the CGOA ABC for

the Cook Inlet Area. In 2014, the BOF increased the South Alaska Peninsula Area GHL to 30% of the WGOA ABC.

## **2014 State-Waters Pacific Cod Season Overview**

Approximately 43.87 million pounds of Pacific cod were harvested from Kodiak, Chignik, and South Alaska Peninsula areas by 185 vessels during 2014 state-waters seasons (Table 9). Total exvessel value was approximately \$13.60 million.

### ***Kodiak Area***

The state-waters pot gear season opens 7 days after the close of the federal CGOA pot gear A season. The state-waters jig gear season opens 48-hours after the close of the federal CGOA jig gear A season; however, if the federal jig season has not closed by March 15, the state-waters season may open based on remaining federal quota or inseason assessment of effort or harvest rate.

The 2014 Kodiak Area GHL was 14.63 million pounds. Pot and jig gear vessels were each allocated 50% of the total GHL, or 7.32 million pounds. Pot vessels larger than 58 feet in overall length were restricted before September 1 to 25% of the total state-waters GHL, or 3.66 million pounds. Total Pacific cod harvest from the 2014 Kodiak Area state-waters season was 12.33 million pounds taken by 100 vessels with an estimated exvessel value of \$4.19 million based on an average price of \$0.34 per pound (Table 9). Pot gear vessels harvested 9.18 million pounds and jig vessels harvested 3.15 million pounds (Table 11). Fishermen harvested Pacific cod from 29 statistical areas during the season (Table 12). Harvest was well distributed around the Kodiak Archipelago; however, notable harvests occurred near Kiliuda Bay/Cape Barnabas (Statistical Area 525703), Uganik/Veikoda bays (Statistical Area 535732), Ugak Bay (Statistical Area 525701), and Chiniak Bay (Statistical Area 525733; Table 12, Appendix B1).

### **Kodiak Pot Gear Season**

The 2014 federal CGOA pot gear A season closed February 13; therefore, the Kodiak Area state-waters Pacific cod season opened February 20 (Table 10). A total of 28 pot vessels participated in the 2014 season, the lowest number of pot vessels since inception of the fishery. The fleetwide daily pot harvest ranged from approximately 27,000 to 630,000 pounds per day. Average daily catch per vessel ranged from approximately 13,400 to 71,900 pounds. The harvest at the time of the pot gear season closure on March 19 was 7.50 million pounds, which was 188,000 pounds (2.5%) over the GHL (Table 10). Vessels over 58 feet in length accounted for approximately 47% of the total pot gear harvest. The estimated exvessel value of the 2014 pot gear fishery was \$2.75 million based on an average price of \$0.30 per pound (Table 11).

The 2014 pot gear season was open for 27 days.

### **Kodiak Jig Gear Season**

The Kodiak Area state-waters jig gear season opened March 15, 2014. A total of 77 jig vessels landed 3.15 million pounds, which was 4.17 million pounds (57%) under the GHL (Table 11). The estimated exvessel value of the 2014 jig gear fishery was \$1.1 million, based on an average price of \$0.35 per pound (Table 11).

Effort and harvest were variable during the 2014 Kodiak jig gear season and generally decreased as the season progressed. Fleetwide weekly harvest ranged from 0 to approximately 494,000 pounds. From the beginning of the season through the end of May, the number of landings per

week ranged from 10 to 59, and from the beginning of June through the end of the season, landings per week ranged from 0 to 19. The jig gear season closed by regulation on December 31.

### **Allocation Rollover**

Several provisions in the *Kodiak Area Pacific Cod Management Plan* (5 AAC 28.467) provide additional harvest opportunity if ADF&G determines the GHL will not be attained by the regulatory closure date of December 31. The management plan allows unharvested state-waters GHL to be taken by either pot or jig gear after closure of the federal CGOA pot gear B season. In 2014, the federal CGOA pot gear B season closed on November 10 and the state-waters pot gear season was immediately reopened to allow for the harvest of the remaining 4.2 million pounds of the GHL. Gear limits and exclusive registration requirements were lifted for both the pot and jig gear vessels during the rollover fishery (Table 10). Ten pot gear vessels harvested 1.67 million pounds after the allocation rollover. When the fishery closed by regulation on December 31, the total 2014 pot gear harvest was 9.18 million pounds.

### ***Chignik Area***

The pot gear season opens 7 days after closure of the federal CGOA pot gear A season or March 1, whichever is later, and the jig gear season opens by regulation on March 15 (Table 13).

The 2014 Chignik Area GHL was 10.24 million pounds. Vessels using pot gear were allocated 90% of the GHL, or 9.22 million pounds, and vessels using jig gear were allocated 10%, or 1.02 million pounds (Table 14). The 2014 Chignik Area state-waters season Pacific cod pot gear harvest was 9.59 million pounds taken by 12 vessels with an estimated exvessel value of \$2.78 million based on an average price of \$0.28 per pound (Table 9). Jig vessels harvest is confidential due to limited participation (Table 14). Most harvest occurred near Mitrofanina Island (Statistical Area 585531), Chiginagak Bay (Statistical Area 565633), and Chignik Bay (Statistical Area 585601; Table 15, Appendix B2).

### **Chignik Pot Gear Season**

The 2014 federal CGOA pot gear A season closed February 13; therefore, the Chignik Area state-waters Pacific cod season opened March 1. A total of 12 vessels participated in the 2014 season, down from recent seasons (Table 14). The fleetwide daily pot harvest ranged from approximately 154,000 to 941,000 pounds per day, with an average daily harvest of over 481,000 pounds. Average daily catch per vessel ranged from approximately 51,400 to 95,100 pounds. Harvest at the time of the pot gear season closure on March 19 was 9.15 million pounds which was 68,618 pounds (<1%) under the pot gear allocation (Table 13). The estimated exvessel value of the 2014 pot gear fishery was \$2.69 million based on an average price of \$0.28 per pound (Table 14).

Despite lower than average effort, the 2014 pot gear season was the second shortest season since the 1997, lasting 18 days. Catch was primarily delivered to a floating processor located in the Chignik Area, although some landings were tendered to shore-based processors outside of the Chignik Area.

### **Chignik Jig Gear Season**

Only 2 vessels participated in the 2014 Chignik Area jig gear season. All harvest is confidential (Table 14).

## **Allocation Rollover**

Several provisions in the *Chignik Area Pacific Cod Management Plan* (5 AAC 28.537) provide additional harvest opportunity if ADF&G determines the GHL will not be attained by the regulatory closure date of December 31. The management plan allows unharvested GHL to be taken by either pot or jig gear starting August 15. Three pot gear vessels harvested 443,000 after the allocation rollover. The fishery closed on October 7 when the parallel B season opened (Tables 13 and 14). The total 2014 pot gear harvest was 9.59 million pounds.

### ***South Alaska Peninsula Area***

The state-waters pot gear season opens March 7 or 7 days after the close of the federal WGOA pot gear season, whichever is later. The state-waters jig gear season opens 48-hours after the close of the federal WGOA jig gear season; however, if the federal jig season has not closed by March 15, the state-waters season may open based on remaining federal quota or inseason assessment of effort or harvest rate. In addition, if the National Weather Service (NWS) marine forecast for the scheduled opening date or the following day includes a gale warning between Castle Cape and Cape Sarichef (NWS Area PKZ 155), the season opening will be delayed for 24 hours. If gale warnings persist in the NWS marine forecast after the initial weather delay, the season will continue to be delayed on a 24-hour basis for 7 days beyond the initial opening date, when the season will open regardless of weather forecasts.

The 2014 South Alaska Peninsula Area GHL was 21.66 million pounds. Vessels using pot gear were allocated 85% of the total GHL, or 18.41 million pounds, and vessels using jig gear were allocated 15% of the GHL, or 3.25 million pounds (Table 17). The total 2014 state-waters season Pacific cod harvest was 21.95 million pounds taken by 73 vessels with an estimated exvessel value of \$6.37 million based on an average price of \$0.29 per pound (Table 9). Pot vessels harvested 18.81 million pounds and jig vessels harvested 3.14 million pounds (Table 17). Harvest occurred in 27 distinct statistical areas during the 2014 state-waters season (Table 18). Notable harvests occurred around the Shumagin Islands (Statistical Areas 605502 and 605504), near Sanak Island (Statistical Area 625401), and Cape Pankof (Statistical Area 635434; Table 18, Appendix B3).

### **South Alaska Peninsula Pot Gear Season**

The 2014 federal WGOA pot gear A season closed January 22; therefore, the South Alaska Peninsula Area state-waters Pacific cod pot gear season opened March 1. A total of 38 vessels participated in the fishery (Table 17). The fleetwide daily pot harvest ranged from approximately 378,000 to 2,100,000 pounds per day with an average daily harvest of over 989,000 pounds. Average daily catch per vessel ranged from approximately 39,300 to 85,000 pounds. The total pot gear harvest of 18.81 million pounds exceeded the pot gear allocation by approximately 397,472 pounds (2.2%; Table 17). The estimated exvessel value of the pot gear fishery was \$5.27 million based on an average price of \$0.29 per pound (Table 17).

The season was open for 17 days, which was the second shortest season since 1997 (Table 16).

### **South Alaska Peninsula Jig Gear Season**

The 2014 jig gear season opened on March 20. Thirty-nine jig vessels harvested 3.14 million pounds for an estimated exvessel value of approximately \$880,000, based on an average price of \$0.28 per pound (Table 17). Effort ranged from 15 to 64 landings per week and weekly harvest

ranged from approximately 152,000 pounds to 660,000 pounds. The 2014 jig gear season was 58 days long (Table 16).

### **Pacific Cod Harvest Monitoring and Dockside Sampling**

During the 2014 season, daily harvest reports were obtained from vessel operators using pot gear. Harvest reports included the daily number of pots pulled, pounds retained, and fishing location for each vessel. Processor and vessel catch reports were subsequently referenced against landing data derived from the Interagency Electronic Reporting System (eLandings) to track daily catch and forecast harvests.

Dockside sampling was conducted in the port of Kodiak throughout the state-waters season and in Sand Point and King Cove during periods of high fishing effort. Dockside samplers conducted confidential interviews with vessel operators to obtain information on catch location, catch per unit effort, and bycatch. Samplers also collected data on fish length, weight, sex, reproductive status, and age. Dockside sampling was not conducted in the Chignik area during 2014.

Dockside sampling staff in Kodiak, King Cove, and Sand Point conducted 46 skipper interviews and collected biological samples from 82 deliveries from the Kodiak and South Alaska Peninsula management areas. During 2014, samplers collected 2,696 fish lengths, 1,500 individual fish weights, and observations of sex and maturity, and extracted 1,500 otolith pairs for aging.

Average length of sampled Pacific cod in both the Kodiak and South Alaska Peninsula areas was 65 cm (Figure 2). Preliminary analysis indicates the age of Pacific cod sampled from the 2014 harvest ranged from 3 to 9 years. Pacific cod were predominantly age 5 or 6 for both areas (Figure 3).

## **BLACK ROCKFISH**

### **BACKGROUND**

Beginning in 1998, NMFS relinquished management of black rockfish within the EEZ of the GOA and transferred management authority to ADF&G. That year ADF&G began assigning GHs to state groundfish management areas within the CGOA to better distribute effort and discourage localized fishing effort (Tables 19, 20, and 21). Since 2008, the BOF has provided further structure to black rockfish fishery regulations through registration requirements, trip limits and bycatch amounts (Table 22).

### **2014 BLACK ROCKFISH OVERVIEW**

The black rockfish fishery in the Kodiak, Chignik, and South Alaska Peninsula areas opened January 1, 2014. GHs were attained in 3 districts in Kodiak Area. GHs were not met in the South Alaska Peninsula or Chignik areas.

#### **Kodiak Area Fishery**

The 2014 Kodiak Area black rockfish GH totaled 125,000 pounds distributed across 5 management districts (Table 23). Effort and harvest primarily occurred in the Afognak, Northeast, Eastside, and Southeast districts from March through May. A total of 17 vessels harvested 109,053 pounds of black rockfish (Table 19). The exvessel value of the fishery was approximately \$44,700 based on an average price of \$0.41 per pound.

### **Chignik Area Fishery**

The 2014 Chignik Area black rockfish GHL was 100,000 pounds. Harvest was capped at 45,000 pounds per district to distribute harvest throughout the management area. One vessel made 1 landing during the 2014 fishery (Table 20). Harvest information is confidential due to limited participation.

### **South Alaska Peninsula Area Eastern District Fishery**

The 2014 South Alaska Peninsula Area Eastern District black rockfish GHL was 75,000 pounds. There was no participation during the 2014 fishery (Table 21).

### **Black Rockfish Harvest Monitoring**

Black rockfish harvests are monitored through fish ticket records, vessel registrations, and dockside sampling. Information collected by dockside samplers includes fishing location and effort (days fished) as well as fish length, weight, sex, and reproductive maturity. Additionally, otoliths are collected for age determination. Due to limited participation in the Chignik and South Alaska Peninsula areas, 2014 black rockfish dockside data collection was limited to the Kodiak Area.

Black rockfish sampled from landings in the Kodiak Area during 2014 averaged 48 cm in length (Figure 5). Otoliths were collected from 843 black rockfish for aging and age ranged from 5 to 50 years. The 4 most predominant age classes (9, 10, 12, and 18 years) made up nearly 50% of the black rockfish sample (Figure 6).

## **SABLEFISH**

Sablefish in state waters are managed separately from the federal sablefish individual fishing quota program. Known habitat for mature sablefish is limited in most state waters. Most sablefish are typically associated with deeper waters near the continental shelf, and abundance is low inside state waters east of Unimak Pass.

The BOF prohibited directed state-waters sablefish fisheries in the Kodiak and Chignik areas in 2002 and in the Eastern District of South Alaska Peninsula Area in 2003. Since that time, sablefish may only be retained as bycatch to other commercial groundfish fisheries. Sablefish bycatch is managed by NMFS under federal rules, which are adopted inside state waters by ADF&G through the global groundfish EO. The 2014 state-waters sablefish bycatch harvest totaled 512 pounds in the Kodiak Area and 6,903 pounds in the South Alaska Peninsula Area (Table 1). There was no harvest in the Chignik Area during 2014.

## **LINGCOD**

Commercial regulations in the Kodiak and Chignik areas prohibit retention of lingcod prior to July 1 and require retained lingcod to be a minimum of 35 inches in total length. These regulations are designed to prevent commercial exploitation during nest-guarding and ensure only mature fish are harvested. The South Alaska Peninsula Area is believed to be the western boundary of lingcod distribution range (Mecklenburg et al. 2002); therefore, seasonal retention and size limit regulations are not in place to further limit harvest.

Mechanical jigging machine and hand troll gear may be used to target lingcod. Since 1988, harvests of lingcod in the Kodiak, Chignik, and South Alaska Peninsula areas have generally



remained below 100,000 pounds annually, and most harvest occurs as bycatch in other commercial groundfish fisheries. During 2008, harvest increased considerably to 521,259 pounds largely due to increased retention by trawl vessels (Table 24). In response, ADF&G reduced the allowable lingcod bycatch rate from 20% to 5% prior to the start of the 2009 season. Since that time, there has been no directed effort and harvest has ranged from approximately 63,000 pounds to 158,000 pounds. The 2014 lingcod harvest in the Kodiak, Chignik, and South Alaska Peninsula areas was 69,382 pounds; of that, 8,324 pounds was taken as bycatch in state waters (Tables 1 and 24).

## **PARALLEL WALLEYE POLLOCK FISHERIES**

State waters are opened for parallel walleye pollock seasons concurrent with adjacent federal seasons. Annual harvest quotas are released in 4 openings, although in some areas, more than one opening occurred within a season to ensure the full seasonal allocation was harvested (Table 25). Walleye pollock were primarily harvested by vessels using pelagic trawl gear.

In 2014, harvest of walleye pollock by vessels using trawl gear totaled 278.9 million pounds in the CGOA and 28.8 million pounds in the WGOA (Tables 26 and 27). Approximately 8% of the total 2014 CGOA walleye pollock harvest and 42% of the total 2014 WGOA harvest occurred in state waters.

Recently, commissioner permits have been issued to harvest pollock with jig and seine gear. These experimental fisheries are designed to provide ADF&G and permit holders with information regarding the effectiveness of novel fishing practices and also to provide an opportunity for smaller vessels to target pollock in state waters. Effort and harvest under these permits has been nominal.

## **NON-PELAGIC TRAWL CLOSURES**

The extent of non-pelagic trawl closures in the Kodiak, Chignik, and South Alaska Peninsula areas has evolved since the mid-1980s. In 1986, the BOF closed most bays around Kodiak Island, either seasonally or year round, and also closed state waters south of the Alaska Peninsula between Scotch Cap and Cape Kumlik, as well as Beaver Inlet year round. Notable changes occurred in the mid-1990s, when the BOF reopened some state waters near Castle Rock (1993) and Sanak Island (1995) to non-pelagic trawling (Figure 7). In 1999, the BOF closed state waters of the Chignik and Kodiak areas to non-pelagic trawling, with the exception of a portion of the west side of Kodiak Island that remained open on a seasonal basis to allow non-pelagic trawl vessels access to flatfish during parallel fisheries. In 2011, due to concern over incidental king salmon harvest during trawl fisheries, the BOF closed waters near Karluk River on the west side of Kodiak Island to all trawl gear (Figure 9). In 2014, the BOF adopted regulation to close state waters of the entire Kodiak area to non-pelagic trawl gear (Figure 8).

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## **TABLES AND FIGURES**

Table 1.—Top 30 species harvested, by weight in pounds, as reported on groundfish fish tickets, from state waters of Kodiak, Chignik, and South Alaska Peninsula (SAP) groundfish management areas, 2014.

Species	Kodiak	Chignik	SAP	Total
Pacific cod	20,276,433	11,342,908	33,744,121	65,363,462
Walleye pollock	22,440,027	Confidential	12,001,866	34,441,893
Pacific halibut	895,011	206,455	505,336	1,606,803
Arrowtooth flounder	128,794	0	269,328	398,122
Octopus spp.	249,901	3,260	71,197	324,357
Longnose skate	241,783	Confidential	371	242,154
Big skate	116,929	0	739	117,668
Flathead sole	26,038	0	90,176	116,214
Black rockfish	101,820	Confidential	1,566	103,386
Eulachon	52,008	0	1,130	53,138
Lumpsucker	8,648	0	29,652	38,300
Dusky rockfish	29,626	0	588	30,214
Capelin	20,496	0	771	21,267
Rock sole	52	0	20,960	21,012
Dark rockfish	18,711	0	Confidential	18,711
Squid spp.	13,087	0	261	13,347
Pacific herring	11,390	0	49	11,439
Lingcod	8,324	Confidential	0	8,324
Yelloweye rockfish	6,094	1,491	925	8,510
Sablefish	512	0	6,903	7,415
Chinook salmon	3,057	0	3,486	6,542
Jellyfish spp.	402	0	3,323	3,724
Rex sole	2,604	0	261	2,865
Skate spp.	1,115	0	1,596	2,711
Spiny dogfish	1,627	0	403	2,030
Pacific ocean perch	1,124	0	800	1,924
Starry flounder	425	Confidential	0	425
Chum salmon	1,169	0	404	1,573
Northern rockfish	1,310	0	Confidential	1,310
Sculpin spp.	173	986	Confidential	1,159

Notes: Weights reported in whole fish pounds; discards at sea excluded. Data are confidential when fewer than 3 vessels participated. Total fish pounds do not include confidential data.

Table 2.–Groundfish emergency orders issued for the Kodiak, Chignik, and South Alaska Peninsula management areas, 2014.

Emergency order	Effective date	Explanation
4-GF-01-14	January 1, 2014	Established parallel commercial groundfish fishing seasons and bycatch limits in the Kodiak, Chignik, South Alaska Peninsula, and Bering Sea-Aleutian Islands areas.
4-GF-03-14	February 26, 2014	Closed the directed black rockfish fishery in the Kodiak Area Northeast District.
4-GF-04-14	February 20, 2014	Opened Kodiak Area state-waters Pacific cod season to pot gear.
4-GF-05-14	March 15, 2014	Opened Kodiak Area state-waters Pacific cod season to jig gear; closed Kodiak Area parallel Pacific cod A season to jig gear.
4-GF-07-14	March 15, 2014	Opened South Alaska Peninsula Area state-waters Pacific cod season to jig gear; closed South Alaska Peninsula parallel Pacific cod A season to jig gear.
4-GF-08-14	March 19, 2014	Closed Kodiak Area state-waters Pacific cod season to pot gear.
4-GF-09-14	March 19, 2014	Closed Chignik Area state-waters Pacific cod season to pot gear.
4-GF-10-14	March 24, 2014	Closed South Alaska Peninsula Area state-waters Pacific cod season to pot gear.
4-GF-11-14	May 5, 2014	Closed the directed black rockfish fishery in the Kodiak Area Eastside District.
4-GF-12-14	May 16, 2014	Closed South Alaska Peninsula Area state-waters Pacific cod season to jig gear; opened South Alaska Peninsula parallel Pacific cod B season to jig gear.
4-GF-13-14	August 15, 2014	Removed the harvest allocation between pot and jig gear for the remainder of the Chignik Area state-waters Pacific cod season.
4-GF-14-14	August 15, 2014	Increased the trip limit to 7,000 lb for black rockfish in the Afognak and Southeast districts of the Kodiak Area.
4-GF-16-14	September 8, 2014	Closed the directed black rockfish fishery in the Kodiak Area Southeast District.
4-GF-17-14	October 7, 2014	Closed Chignik Area state-waters Pacific cod season for pot gear; re-opened the Chignik Area parallel Pacific cod season for pot gear.
4-GF-18-14	November 10, 2014	Allocation rollover for the Kodiak Area state-waters Pacific cod jig and pot season and change to a non-exclusive registration area.

*Notes:* Omitted emergency orders (e.g., 4-GF-02-14) enacted for management areas outside of Kodiak, Chignik, and South Alaska Peninsula. GHL = Guideline Harvest Level, CGOA = Central Gulf of Alaska, WGOA = Western Gulf of Alaska

Table 3.—Central Gulf of Alaska Management Area federal and state-waters Pacific cod harvest, in millions of pounds, 1990–2014.

Year	Federal waters		State waters		Total harvest	ABC	Discards at sea
	Harvest	% of total	Harvest	% of total			
1990	79.79	87.1	11.82	12.9	91.61	130.95	0.58
1991	81.24	80.6	19.55	19.4	100.79	106.48	0.51
1992	73.12	81.6	16.53	18.4	89.65	85.40	0.46
1993	60.31	83.9	11.60	16.1	71.91	77.50	0.66
1994	50.28	79.6	12.89	20.4	63.16	68.89	0.81
1995	72.84	77.0	21.76	23.0	94.60	100.69	0.79
1996	71.93	81.1	16.76	18.9	88.70	94.58	3.22
1997	76.64	75.7	24.59	24.3	101.24	113.20	1.83
1998	72.63	74.5	24.90	25.5	97.53	108.20	0.39
1999	71.03	67.6	34.08	32.4	105.11	117.22	0.17
2000	56.32	72.2	21.71	27.8	78.03	96.01	0.45
2001	50.00	78.0	14.08	22.0	64.08	85.20	0.80
2002	42.44	70.0	18.18	30.0	60.62	69.84	1.11
2003	41.97	67.6	20.14	32.4	62.11	64.02	0.99
2004	47.26	66.1	24.19	33.9	71.45	78.93	0.49
2005	38.94	61.9	24.00	38.1	62.94	73.01	0.24
2006	37.21	62.5	22.29	37.5	59.50	83.49	0.14
2007	43.58	65.4	22.99	34.6	66.57	83.49	0.41
2008	45.23	63.6	25.85	36.4	71.07	83.56	1.16
2009	35.34	60.0	23.68	40.0	59.02	69.50	1.23
2010	63.34	64.0	35.74	36.0	99.08	108.10	0.94
2011	66.87	60.0	44.86	40.0	111.73	118.64	0.48
2012	67.86	59.0	47.48	41.0	115.38	125.53	0.44
2013	54.63	67.0	26.85	33.0	81.49	108.66	0.88
2014	65.97	65.0	35.72	35.0	101.70	117.06	2.62

Notes: Weights reported in whole fish pounds; discards at sea excluded from all columns except the *Discards at sea* column. State and federal harvests may not add to total due to rounding. ABC = Acceptable Biological Catch

Table 4.—Western Gulf of Alaska Management Area federal and state-waters Pacific cod harvest, in millions of pounds, 1990–2014.

Year	Federal Waters		State Waters		Total harvest	ABC	Discards at sea
	Harvest	% of Total	Harvest	% of Total			
1990	72.20	84.6	13.13	15.4	85.33	65.48	0.74
1991	71.95	94.4	4.29	5.6	76.24	56.67	0.32
1992	59.73	82.0	13.15	18.0	72.87	51.80	0.74
1993	37.90	95.3	1.88	4.7	39.78	41.25	0.18
1994	24.88	77.3	7.32	22.7	32.20	36.67	0.15
1995	35.68	79.9	8.99	20.1	44.67	44.24	0.20
1996	35.28	73.2	12.92	26.8	48.20	41.56	0.29
1997	47.34	70.8	19.55	29.2	66.88	62.89	0.37
1998	39.98	68.9	18.06	31.1	58.04	60.11	0.08
1999	39.73	65.2	21.16	34.8	60.90	65.12	0.04
2000	33.73	54.7	27.90	45.3	61.63	60.64	0.07
2001	23.02	53.5	19.97	46.5	42.99	53.81	0.03
2002	26.32	55.4	21.22	44.6	47.54	49.52	0.07
2003	17.55	40.4	25.93	59.6	43.48	45.40	0.07
2004	17.11	37.8	28.16	62.2	45.27	49.85	0.05
2005	16.49	42.5	22.29	57.5	38.77	46.11	0.05
2006	11.23	28.8	27.74	71.2	38.96	59.21	0.04
2007	15.83	41.6	22.31	58.4	38.14	59.21	0.05
2008	21.53	50.2	21.47	49.8	43.00	57.17	0.06
2009	17.11	43.0	23.24	57.0	40.35	47.55	0.05
2010	26.00	44.0	33.16	56.0	59.16	61.03	0.36
2011	28.42	44.0	36.63	56.0	65.05	66.98	0.10
2012	31.18	55.0	25.59	45.0	56.77	61.80	0.07
2013	31.37	55.0	25.41	45.0	56.78	62.35	0.12
2014	32.92	49.0	34.23	51.0	67.15	72.19	0.08

Notes: Weights reported in whole fish pounds. Discards at sea excluded from all columns except the *Discards at sea* column. State and federal harvests may not add to total due to rounding. ABC = Acceptable Biological Catch

Table 5.—Kodiak Area Pacific cod harvest, in pounds, by gear type, during parallel Pacific cod seasons, 1997–2014.

Year	Gear type				Total
	Pot	Longline	Trawl	Jig	
1997	8,500,650	1,894,214	857,688	527	11,253,078
1998	4,998,323	2,166,232	799,570	27,246	7,991,371
1999	8,176,521	2,579,782	1,226,554	27,963	12,010,819
2000	4,459,508	3,576,747	247,475	79,365	8,363,095
2001	2,800,868	2,283,509	213,454	22,414	5,320,245
2002	2,324,281	1,308,531	270,407	5,926	3,909,144
2003	3,104,572	2,699,156	428,503	16,045	6,248,277
2004	2,329,223	3,856,746	498,690	244,600	6,929,260
2005	3,890,960	3,507,804	366,751	298,326	8,063,841
2006	4,429,520	5,422,239	398,582	190,037	10,440,378
2007	5,018,241	3,409,431	162,169	68,655	8,658,495
2008	3,317,365	1,950,257	305,023	38,267	5,610,912
2009	2,741,107	2,907,995	139,002	70,971	5,859,075
2010	5,142,268	3,316,265	115,026	232,643	8,806,202
2011	7,804,342	4,746,357	108,124	1,081,094	13,739,917
2012	6,422,220	8,175,500	32,606	783,464	15,413,790
2013	3,021,936	2,889,648	58,691	66,766	6,037,041
2014	3,425,588	4,186,820	95,711	242,415	7,950,534

Notes: Weights reported in whole fish pounds; discards at sea excluded.



Table 6.—Chignik Area Pacific cod harvest, in pounds, by gear type, during parallel Pacific cod seasons, 1997–2014.

Year	Gear type				Total
	Pot	Longline	Trawl	Jig	
1997	Confidential - All Gear Types				651,504
1998	Confidential - All Gear Types				541,455
1999	Confidential - All Gear Types				864,639
2000	Confidential - All Gear Types				431,507
2001	Confidential - All Gear Types				173,650
2002	Confidential - All Gear Types				291,263
2003	Confidential - All Gear Types				290,633
2004	Confidential - All Gear Types				209,655
2005	Confidential - All Gear Types				91,070
2006	Confidential - All Gear Types				117,405
2007	Confidential - All Gear Types				39,178
2008	Confidential - All Gear Types				207,822
2009	239,584	58,092	0	0	297,675
2010	Confidential - All Gear Types				626,746
2011	258,963	92,626	Confidential	Confidential	353,912
2012	Confidential	10,763	37,626	39,356	108,464
2013	395,052	22,306	20,018	0	437,376
2014	1,729,086	5,345	0	0	1,734,431

Notes: Weights reported in whole fish pounds; discards at sea excluded. Data are confidential in cases where fewer than 3 vessels participated. Total fish pounds include confidential data for 1997–2008 and 2010, but do not include confidential data for 2011 and 2012.

Table 7.—South Alaska Peninsula Area Pacific cod harvest, in pounds, by gear type, during parallel Pacific cod seasons, 1997–2014.

Year	Gear type				Total
	Pot	Longline	Trawl	Jig	
1997	2,068,400	32,625	7,758,378	Confidential	9,859,403
1998	4,205,388	522,328	3,867,782	Confidential	8,595,498
1999	3,279,793	33,718	5,308,250	0	8,621,761
2000	5,699,112	232,219	6,698,838	11,499	12,641,669
2001	3,272,010	52,169	2,424,221	340,092	6,088,493
2002	6,051,920	30,128	666,876	410,586	7,159,510
2003	12,966,344	57,549	310,013	92,528	13,426,433
2004	12,887,904	29,004	945,983	397,922	14,260,813
2005	6,175,670	562,770	2,835,871	101,375	9,675,687
2006	9,286,910	228,880	6,366,015	Confidential	15,881,805
2007	6,559,997	424,651	2,483,748	3,300	9,471,696
2008	6,387,463	623,306	863,671	114,599	7,989,039
2009	8,054,281	2,302,215	654,176	417,515	11,428,188
2010	13,229,552	1,600,965	1,691,696	763,299	17,285,512
2011	17,487,423	370,627	765,222	503,458	19,126,729
2012	5,720,700	357,719	2,761,687	567,920	9,408,026
2013	7,851,502	354,910	700,882	674,576	9,581,870
2014	8,551,709	500,200	1,048,900	1,690,458	11,791,267

Notes: Weights reported in whole fish pounds; discards at sea excluded. Data are confidential in cases where fewer than 3 vessels participated. Total fish pounds do not include confidential data.

Table 8.—Regulatory development of state-waters and parallel Pacific cod fisheries in the Kodiak, Chignik, and South Alaska Peninsula areas, 1996–2014.

Year	Regulation
1996	<ul style="list-style-type: none"> <li>– Alaska Board of Fisheries developed state-waters Pacific cod management plans for Kodiak, Chignik, and SAP areas</li> <li>– Kodiak, Chignik, and SAP areas established as exclusive registration areas for state-waters fisheries; suspension of exclusivity allowed after October 30</li> <li>– Kodiak, Chignik, and SAP areas allowable gear for state-waters established; mechanical jigging machines (5 machines), hand troll, and pots (60 pots); suspension of gear limits allowed after October 30</li> <li>– Season opening dates established for state-waters fisheries; Kodiak and SAP areas open 14 days after federal season closure; Chignik Area opens April 15</li> <li>– Vessel size limits established for Chignik and SAP state-waters fisheries (<math>\leq 58'</math>); suspension of vessel size limit allowed after October 30</li> <li>– Kodiak Area state-waters GHM allocated by gear type (50% pot, 50% jig); allocation rollover allowed after August 31</li> </ul>
1997	<ul style="list-style-type: none"> <li>– Kodiak, Chignik and SAP areas first state-waters fisheries prosecuted</li> </ul>
1998	<ul style="list-style-type: none"> <li>– Season opening dates changed for state-waters fisheries; Kodiak and SAP areas open 7 days after federal season closure; Chignik Area opens April 1</li> <li>– SAP Area state-waters GHM allocated by gear type (85% pot, 15% jig); allocation rollover allowed after August 31</li> </ul>
1999	<ul style="list-style-type: none"> <li>– Chignik Area state-waters season opening date changed to April 15</li> <li>– Chignik Area state-waters GHM allocated by gear type (85% pot, 15% jig); allocation rollover allowed after August 14</li> <li>– Chignik Area changed to superexclusive registration area for state-waters fishery</li> <li>– Kodiak Area pot gear vessels <math>&gt;58'</math> harvest capped at 25% of state-waters GHM prior to September 1</li> </ul>
2001	<ul style="list-style-type: none"> <li>– State regulation adopted recognizing Steller sea lion haulouts during parallel fisheries</li> <li>– Chignik Area state-waters season opening date changed to 7 days after federal CGOA closure</li> </ul>
2002	<ul style="list-style-type: none"> <li>– Vessel monitoring system (VMS) rules implemented during parallel fisheries</li> <li>– Pot storage requirements liberalized in Kodiak and Chignik areas for transition period between parallel and state-waters fisheries</li> <li>– Chignik Area state-waters season opening date changed to March 1</li> </ul>
2004	<ul style="list-style-type: none"> <li>– Pot storage requirements liberalized in SAP Area for transition period between parallel and state-waters fisheries</li> </ul>
2005	<ul style="list-style-type: none"> <li>– Chignik Area state-waters GHM allocation changed (90% pot, 10% jig)</li> </ul>
2007	<ul style="list-style-type: none"> <li>– SAP Area 24-hour weather delay prior to state-waters season opening adopted</li> <li>– SAP Area mandatory inseason catch reporting by vessels during state-waters fishery adopted</li> <li>– SAP Area registration requirements changed, prohibiting fishing in another groundfish fishery outside of SAP Area and a portion of Chignik Area</li> </ul>
2010	<ul style="list-style-type: none"> <li>– SAP Area vessel size limit (<math>\leq 58'</math>) for parallel fishery adopted</li> </ul>

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Year	Regulation
2011	– Chignik Area vessel size limit ( $\leq 58'$ ) for parallel fishery adopted
2012	– Kodiak Area state-waters season opening dates changed: pot gear opens 7 days after federal CGOA pot gear A-season closure; jig gear opens 48 hours after federal CGOA jig gear A-season closure
	– Chignik Area state-waters season opening dates changed: pot gear opens 7 days after federal CGOA pot gear A-season closure or March 7, whichever is later
	– SAP Area state-waters season opening dates changed: pot gear opens 7 days after federal WGOA pot gear A-season closure or March 7, whichever is later, unless delayed by weather
	– Kodiak, Chignik and SAP areas state-waters season closure dates changed: jig gear closes June 8 or later, based on inseason assessment, to allow parallel jig gear season
2014	– SAP Area state-waters GHL increased to 30% of WGOA ABC
	– Chignik Area state-waters season opening dates changed: pot gear opens 7 days after federal CGOA pot gear A-season closure or March 1, whichever is later
	– Chignik and SAP areas pot gear storage regulations changed: vessels may store open and unbaited pots at any depth beginning 7 days prior to state-waters season opening

*Notes:* SAP = South Alaska Peninsula, GHL = Guideline Harvest Level, CGOA = Central Gulf of Alaska, WGOA = Western Gulf of Alaska, ABC = Acceptable Biological Catch

Table 9.—Effort, harvest in pounds, and value from Kodiak, Chignik, and South Alaska Peninsula areas state-waters Pacific cod seasons, 2000–2014.

	Year	Vessels	Landings	GHL <sup>a</sup>	Harvest <sup>b</sup>	Price per pound	Exvessel value
Kodiak Area	2000	204	1,707	12.0	8,562,816	\$0.37	\$3,168,242
	2001	103	669	10.7	4,843,741	\$0.35	\$1,695,309
	2002	82	552	8.7	8,825,851	\$0.32	\$2,824,272
	2003	128	837	8.0	8,154,867	\$0.35	\$2,854,203
	2004	156	1,122	9.9	10,033,889	\$0.30	\$3,010,167
	2005	158	1,011	9.1	8,548,163	\$0.33	\$2,820,894
	2006	113	646	10.4	6,330,518	\$0.41	\$2,595,512
	2007	94	639	10.4	6,406,965	\$0.52	\$3,331,622
	2008	111	988	10.4	10,548,875	\$0.60	\$6,329,325
	2009	130	971	8.7	8,591,477	\$0.34	\$2,921,102
	2010	114	880	13.5	13,566,306	\$0.27	\$3,662,903
	2011	161	1,170	14.8	15,268,123	\$0.36	\$5,496,524
	2012	180	1,355	15.7	15,414,509	\$0.37	\$5,703,368
	2013	88	441	13.6	7,277,324	\$0.27	\$1,964,877
2014	100	751	14.6	12,325,488	\$0.34	\$4,190,666	
Chignik Area	2000	25	163	6.7	1,794,759	\$0.31	\$556,375
	2001	26	179	6.0	2,648,655	\$0.26	\$688,650
	2002	25	198	4.9	4,227,519	\$0.20	\$845,504
	2003	28	257	4.5	4,467,571	\$0.28	\$1,250,920
	2004	28	297	6.9	5,750,461	\$0.24	\$1,380,111
	2005	23	250	6.4	5,787,543	\$0.25	\$1,446,886
	2006	12	202	7.3	3,439,521	\$0.34	\$1,169,437
	2007	16	241	7.3	5,700,861	\$0.45	\$2,565,387
	2008	23	262	7.3	6,838,934	\$0.56	\$3,829,803
	2009	11	122	6.1	5,679,676	\$0.24	\$1,363,122
	2010	15	160	9.5	9,153,719	\$0.30	\$2,746,116
	2011	32	244	10.4	10,346,856	\$0.31	\$3,207,525
	2012	26	204	11.0	10,496,608	\$0.36	\$3,778,779
	2013	19	191	9.5	8,712,190	\$0.27	\$2,352,291
2014	12	154	10.2	9,593,269	\$0.29	\$2,782,048	
South Alaska Peninsula Area	2000	90	650	15.2	15,044,104	\$0.38	\$5,716,759
	2001	121	727	13.4	13,464,020	\$0.26	\$3,500,645
	2002	103	594	12.4	12,715,465	\$0.23	\$2,924,557
	2003	92	604	11.4	11,560,663	\$0.27	\$3,121,379
	2004	88	594	12.5	12,442,442	\$0.24	\$2,986,186
	2005	74	529	11.5	11,436,857	\$0.26	\$2,973,583
	2006	54	386	14.8	11,739,736	\$0.38	\$4,461,100
	2007	60	465	14.8	12,678,151	\$0.47	\$5,958,731
	2008	97	700	14.3	13,302,050	\$0.57	\$7,582,169
	2009	72	514	11.9	11,594,124	\$0.25	\$2,898,531

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Table 9.–Page 2 of 2.

	Year	Vessels	Landings	GHL <sup>a</sup>	Harvest <sup>b</sup>	Price per pound	Exvessel value
	2010	69	534	15.3	15,288,266	\$0.26	\$3,974,949
	2011	82	551	16.7	16,806,305	\$0.31	\$5,209,955
	2012	95	644	15.4	15,356,768	\$0.34	\$5,221,301
	2013	74	529	15.6	15,583,345	\$0.27	\$4,207,503
	2014	73	616	21.7	21,949,138	\$0.29	\$6,365,250
Total	2000	314	2,519	33.9	25,401,678	\$0.36	\$9,144,604
	2001	246	1,575	30.1	20,956,415	\$0.28	\$5,867,796
	2002	208	1,344	26.0	25,768,835	\$0.30	\$7,730,651
	2003	248	1,698	23.8	24,183,101	\$0.34	\$8,222,254
	2004	272	2,013	29.2	28,266,792	\$0.27	\$7,632,034
	2005	253	1,790	27.0	25,772,563	\$0.30	\$7,731,769
	2006	179	1,234	32.5	21,509,775	\$0.40	\$8,603,910
	2007	170	1,345	32.5	24,785,977	\$0.50	\$12,392,989
	2008	231	1,950	32.0	30,689,859	\$0.59	\$18,107,017
	2009	213	1,607	26.7	25,865,277	\$0.30	\$7,759,583
	2010	198	1,574	38.2	38,008,291	\$0.27	\$10,262,239
	2011	275	1,964	42.0	42,421,284	\$0.34	\$14,423,237
	2012	301	2,203	42.1	41,267,885	\$0.36	\$14,856,439
	2013	181	1,161	38.7	31,572,859	\$0.27	\$8,524,672
	2014	185	1,524	46.5	43,867,895	\$0.31	\$13,599,047

Notes: Weights reported in whole fish pounds; discards at sea excluded. Totals by area may not match number of vessels by gear type in Tables 11, 14, and 17 because a vessel used more than one gear type.

<sup>a</sup> GHL = Guideline Harvest Level (millions of pounds)

<sup>b</sup> Pounds harvested for Chignik exclude jig harvest in 2006, 2008–2010, and 2014 due to confidentiality; jig vessel numbers and jig landing data are also excluded for these years.

Table 10.–Kodiak Area state-waters Pacific cod season openings by gear type, 1997–2014.

	Pot gear	Jig gear
1997	<p><i>Fishery dates:</i>  April 4–May 4  September 1–December 31</p> <p><i>Management actions:</i>  May 4 - Pot gear season closed when GHM was attained.  September 1 - Allocation rollover; pot gear season reopened.  October 31 - Gear limits and exclusive registration lifted.</p>	<p>April 4–December 31</p>
1998	<p><i>Fishery dates:</i>  March 17–April 27  September 1–December 31</p> <p><i>Management actions:</i>  April 27 - Pot gear season closed when GHM was attained.  September 1 - Allocation rollover; pot gear season reopened.  October 31 - Gear limits and exclusive registration lifted.</p>	<p>March 17–December 31</p>
1999	<p><i>Fishery dates:</i>  March 21–April 29  October 5–December 31</p> <p><i>Management actions:</i>  April 29 - Pot gear season closed when GHM was attained.  September 1 - Jig gear season closed for parallel B season.  October 5 - Pot and jig gear seasons reopened following federal CGOA B-season closure.  October 31 - Gear limits and exclusive registration lifted.</p>	<p>March 21–September 1  October 5–December 31</p>
2000	<p><i>Fishery dates:</i>  March 11–December 31</p> <p><i>Management actions:</i>  October 31 - Gear limits and exclusive registration lifted.</p>	<p>March 11–December 31</p>
2001	<p><i>Fishery dates:</i>  March 11–December 31</p> <p><i>Management actions:</i>  October 31 - Allocation rollover; gear limits and exclusive registration lifted.</p>	<p>March 11–December 31</p>
2002	<p><i>Fishery dates:</i>  March 16–May 4  September 1–December 31</p> <p><i>Management actions:</i>  May 4 - Pot gear season closed when GHM was attained.  September 1 - Allocation rollover; pot gear season reopened.  October 31 - Gear limits and exclusive registration lifted.</p>	<p>March 16–December 31</p>

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Table 10.–Page 2 of 3.

	Pot gear	Jig gear
2003	<p><i>Fishery dates:</i> February 16–March 2</p> <p><i>Management actions:</i> March 2 - Pot gear season closed when GHL was attained. May 9 - Jig gear season closed when GHL was attained.</p>	February 16–May 9
2004	<p><i>Fishery dates:</i> February 7–February 22</p> <p><i>Management actions:</i> February 22 - Pot gear season closed when GHL was attained. April 20 - Jig gear season closed when GHL was attained.</p>	February 7–April 20
2005	<p><i>Fishery dates:</i> February 2–February 13</p> <p><i>Management actions:</i> February 13 - Pot gear season closed when GHL was attained. April 21 - Jig gear season closed when GHL was attained.</p>	February 2–April 21
2006	<p><i>Fishery dates:</i> March 7–March 29</p> <p><i>Management actions:</i> March 29 - Pot gear season closed when GHL was attained. September 1 - Jig gear season closed for parallel B season.</p>	March 7–September 1
2007	<p><i>Fishery dates:</i> March 6–April 8</p> <p><i>Management actions:</i> April 8 - Pot gear season closed when GHL was attained. September 1 - Jig gear season closed for parallel B season.</p>	March 6–September 1
2008	<p><i>Fishery dates:</i> February 27–March 26 October 5–November 22</p> <p><i>Management actions:</i> March 26 - Pot gear season closed when GHL was attained. September 1 - Jig gear season closed for parallel B-season. October 5 - Allocation rollover; pot and jig gear seasons reopened following federal CGOA B-season closure. November 22 - Pot and jig gear seasons closed when GHL was attained.</p>	February 27–September 1 October 5–November 22

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	Pot gear	Jig gear
2009	<p><i>Fishery dates:</i> February 3–February 18</p> <p><i>Management actions:</i> February 18 - Pot gear season closed when GHL was attained. September 1 - Jig gear season closed for parallel B-season. October 3 - Allocation rollover; jig gear season reopened following federal CGOA B-season closure.</p>	<p>February 3–September 1 October 3–December 31</p>
2010	<p><i>Fishery dates:</i> February 7–February 23</p> <p><i>Management actions:</i> February 23 - Pot gear season closed when GHL was attained. June 5 - Jig gear season closed when GHL was attained.</p>	<p>February 7–June 5</p>
2011	<p><i>Fishery dates:</i> February 5–February 18</p> <p><i>Management actions:</i> February 18 - Pot gear season closed when GHL was attained. April 14 - Jig gear season closed when GHL was attained.</p>	<p>February 5–April 14</p>
2012	<p><i>Fishery dates:</i> February 17–March 1</p> <p><i>Management actions:</i> March 1 - Pot gear season closed when GHL was attained. May 23 - Jig gear season closed when GHL was attained. October 12 - Allocation rollover; jig gear season reopened following federal CGOA B-season closure.</p>	<p>March 8–May 23 October 12–December 31</p>
2013	<p><i>Fishery dates:</i> February 17–April 2</p> <p><i>Management actions:</i> April 2 - Pot gear season closed when GHL was attained. October 29 - Exclusive registration for jig gear lifted.</p>	<p>March 15–December 31</p>
2014	<p><i>Fishery dates:</i> February 20–March 19 November 10–December 31</p> <p><i>Management actions:</i> March 19 - Pot gear season closed when GHL was attained. November 10 - Allocation rollover; pot gear season reopened following federal CGOA B-season closure; gear limits and exclusive registration lifted.</p>	<p>March 15–December 31</p>

Notes: GHL = Guideline Harvest Level, CGOA = Central Gulf of Alaska

Table 11.—Kodiak Area state-waters Pacific cod effort and harvest, in pounds, by gear type, 1997–2014.

Year	Gear	GHL <sup>a</sup>	Vessels	Landings	Harvest <sup>b</sup>	Price per pound <sup>c</sup>
1997	Jig	4.25	73	484	1,979,077	\$0.23
	Pot	4.25	38	243	5,769,129	\$0.22
1998	Jig	4.06	88	662	2,114,685	\$0.23
	Pot	4.06	47	310	6,070,139	\$0.22
1999 <sup>d</sup>	Jig	5.86	113	793	2,294,837	\$0.38
	Pot	5.86	77	471	8,492,710	\$0.32
2000	Jig	6.00	139	1,226	2,814,481	\$0.40
	Pot	6.00	69	481	5,748,334	\$0.39
2001	Jig	5.33	69	433	1,252,692	\$0.36
	Pot	5.33	34	236	3,591,049	\$0.33
2002	Jig	4.37	51	340	1,389,838	\$0.28
	Pot	4.37	33	212	7,436,013	\$0.29
2003	Jig	4.00	100	688	3,195,605	\$0.35
	Pot	4.00	42	149	4,959,262	\$0.32
2004	Jig	4.93	120	961	4,210,284	\$0.34
	Pot	4.93	47	161	5,823,605	\$0.29
2005	Jig	4.56	117	849	4,570,327	\$0.33
	Pot	4.56	51	162	3,977,835	\$0.30
2006	Jig	5.22	77	477	1,446,881	\$0.43
	Pot	5.22	41	169	4,883,637	\$0.41
2007	Jig	5.22	63	457	1,249,753	\$0.52
	Pot	5.22	33	182	5,157,212	\$0.41
2008	Jig	5.22	76	647	2,042,082	\$0.61
	Pot	5.22	37	341	8,506,792	\$0.59
2009	Jig	4.34	94	833	4,450,423	\$0.32
	Pot	4.34	38	138	4,141,054	\$0.32
2010	Jig	6.76	81	707	6,504,733	\$0.30
	Pot	6.76	36	173	7,061,573	\$0.25
2011	Jig	7.42	132	980	7,135,466	\$0.35
	Pot	7.42	46	190	8,132,657	\$0.35
2012	Jig	7.85	145	1,159	7,936,707	\$0.38
	Pot	7.85	46	196	7,477,802	\$0.38

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Table 11.–Page 2 of 2.

Year	Gear	GHL <sup>a</sup>	Vessels	Landings	Harvest <sup>b</sup>	Price per pound <sup>c</sup>
2013	Jig	6.79	55	199	587,942	\$0.26
	Pot	6.79	34	242	6,689,382	\$0.26
2014	Jig	7.32	77	518	3,149,000	\$0.35
	Pot	7.32	28	233	9,176,488	\$0.30

*Notes:* Weights reported in whole fish pounds; discards at sea excluded.

<sup>a</sup> GHL = Guideline Harvest Level (millions of pounds)

<sup>b</sup> Harvest may include landings made after allocation rollovers.

<sup>c</sup> Price per pound calculated from whole fish pounds sold, excluding bait and meal.

<sup>d</sup> Beginning in 1999, vessels > 58' using pot gear are capped at 25% of the total GHL prior to September 1.

Table 12.—Kodiak Area state-waters season Pacific cod effort and harvest, in pounds, all gear combined, by statistical area, 2014.

Statistical area	Vessels	Landings <sup>a</sup>	Harvest
515801	3	9	373,874
525701	43	116	1,159,766
525703	16	55	1,440,065
525731	26	71	294,294
525733	48	166	1,091,325
525805	8	8	34,221
525806	6	13	232,046
535631	8	18	141,224
535634	9	21	561,105
535703	3	5	34,774
535705	3	5	128,200
535732	32	82	1,247,395
535733	10	22	465,082
535734	11	34	206,625
535803	10	30	990,292
545632	15	48	661,395
545633	8	15	225,328
545701	3	14	916,243
545733	5	9	231,929
545734	23	49	775,536
Other <sup>b</sup>	11	35	1,114,770
<b>Total</b>	<b>100</b>	<b>751</b>	<b>12,325,488</b>

Notes: Weights reported in whole fish pounds; discards at sea excluded.

<sup>a</sup> Landings may involve multiple statistical areas.

<sup>b</sup> A total of 9 statistical areas combined due to confidentiality.

Table 13.–Chignik Area state-waters Pacific cod season openings by gear type, 1997–2014.

	Pot Gear	Jig Gear
1997	<p><i>Fishery dates:</i>                      April 15–June 15                      August 1–December 31</p> <p><i>Management actions:</i>                      August 1 - Pot and jig gear seasons reopened to harvest remaining GHL.                      October 31 - Vessel size limit, gear limits, and exclusive registration lifted.</p>	<p>April 15–June 15                      August 1–December 31</p>
1998	<p><i>Fishery dates:</i>                      April 1–April 26</p> <p><i>Management actions:</i>                      April 26 - Pot and jig gear seasons closed when pot GHL was attained.                      May 20 - Jig gear season reopened.</p>	<p>April 1–April 26                      May 20–December 31</p>
1999	<p><i>Fishery dates:</i>                      April 15–September 1                      October 5–December 31</p> <p><i>Management actions:</i>                      September 1 - Pot and jig gear seasons closed for parallel B season.                      October 5 - Pot and jig gear seasons reopened following federal CGOA B-season closure.                      October 31 - Vessel size limit, gear limits and exclusive registration lifted.</p>	<p>April 15–September 1                      October 5–December 31</p>
2000	<p><i>Fishery dates:</i>                      April 15–December 31</p> <p><i>Management actions:</i>                      October 31 - Vessel size limit and gear limits lifted.</p>	<p>April 15–December 31</p>
2001	<p><i>Fishery dates:</i>                      March 11–December 31</p> <p><i>Management actions:</i>                      October 31 - Vessel size limit and gear limits lifted.</p>	<p>March 11–December 31</p>
2002	<p><i>Fishery dates:</i>                      March 1–December 31</p> <p><i>Management actions:</i>                      October 31 - Vessel size limit and gear limits lifted.</p>	<p>March 1–December 31</p>
2003	<p><i>Fishery dates:</i>                      March 1–April 11</p> <p><i>Management actions:</i>                      April 11 - Pot gear season closed when GHL was attained.                      June 4 - Jig gear season closed when GHL was attained.</p>	<p>March 1–June 4</p>

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Table 13.–Page 2 of 4.

	Pot Gear	Jig Gear
2004	<p><i>Fishery dates:</i>            March 1–May 13            August 15–December 31</p> <p><i>Management actions:</i>            May 13 - Pot gear season closed when GHL was attained.            August 15 - Allocation rollover; pot gear season reopened.            October 31 - Vessel size limit and gear limits lifted.</p>	<p>March 1–December 31</p>
2005	<p><i>Fishery dates:</i>            March 1–May 10            August 15–December 31</p> <p><i>Management actions:</i>            May 10 - Pot gear season closed when GHL was attained.            August 15 - Allocation rollover; pot gear season reopened.            October 31 - Vessel size limit and gear limits lifted.</p>	<p>March 1–December 31</p>
2006	<p><i>Fishery dates:</i>            March 1–September 1</p> <p><i>Management actions:</i>            August 15 - Allocation rollover.            September 1 - Pot and jig gear seasons closed for parallel B season.</p>	<p>March 1–September 1</p>
2007	<p><i>Fishery dates:</i>            March 1–September 1</p> <p><i>Management actions:</i>            August 15 - Allocation rollover.            September 1 - Pot and jig gear seasons closed for parallel B season.</p>	<p>March 1–September 1</p>
2008	<p><i>Fishery dates:</i>            March 1–April 17            August 15–September 1            October 5–December 31</p> <p><i>Management actions:</i>            April 17 - Pot gear season closed when GHL was attained.            August 15 - Allocation rollover; pot gear season reopened.            September 1 - Pot and jig gear seasons closed for parallel B season.            October 5 - Pot and jig gear seasons reopened following federal CGOA B-season closure.            November 4 - Vessel size limit and gear limits lifted.</p>	<p>March 1–September 1            October 5–December 31</p>

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Table 13.–Page 3 of 4.

	Pot Gear	Jig Gear
2009	<p><i>Fishery dates:</i>  March 1–April 8  August 15–September 1  October 3–December 31</p> <p><i>Management actions:</i>  April 8 - Pot gear season closed when GHL was attained.  August 15 - Allocation rollover; pot gear season reopened.  September 1 - Pot and jig gear seasons closed for parallel B season.  October 3 - Pot and jig gear seasons reopened following federal CGOA B-season closure.</p>	<p>March 1–September 1  October 3–December 31</p>
2010	<p><i>Fishery dates:</i>  March 1–April 6  August 15–September 1  September 13–December 31</p> <p><i>Management actions:</i>  April 6 - Pot gear season closed when GHL was attained.  August 15 - Allocation rollover; pot gear season reopened.  September 1 - Pot and jig gear seasons closed for parallel B season.  September 13 - Pot and jig gear seasons reopened following federal CGOA B-season closure.</p>	<p>March 1–September 1  September 13–December 31</p>
2011	<p><i>Fishery dates:</i>  March 1–March 17  August 15–September 1  October 9–December 31</p> <p><i>Management actions:</i>  March 17 - Pot gear season closed when GHL was attained.  August 15 - Allocation rollover; pot gear season reopened.  September 1 - Pot and jig gear seasons closed for parallel B season.  October 9 - Pot and jig gear seasons reopened following federal CGOA B-season closure.</p>	<p>March 1–September 1  October 9–December 31</p>
2012	<p><i>Fishery dates:</i>  March 7–March 28  October 12–December 31</p> <p><i>Management actions:</i>  March 28 - Pot gear season closed when GHL was attained.  June 10 - Jig gear seasons closed for parallel B season.  June 29 - Jig gear season reopened following federal CGOA jig B-season closure.  October 12 - Allocation rollover; pot gear season reopened following federal CGOA pot B-season closure.</p>	<p>March 15–June 10  June 29–December 31</p>
2013	<p><i>Fishery dates:</i>  March 7–March 29</p> <p><i>Management actions:</i>  March 29 - Pot gear season closed when GHL was attained.</p>	<p>March 15–December 31</p>

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	Pot Gear	Jig Gear
2014	<p><i>Fishery dates:</i></p> <p>March 1–March 19</p> <p>August 15–October 7</p> <p><i>Management actions:</i></p> <p>March 19 - Pot gear season closed when GHL was attained.</p> <p>August 15 - Allocation rollover; pot gear season reopened.</p> <p>October 7 - Pot gear seasons closed for parallel B season.</p>	<p>March 15–December 31</p>

Notes: GHL = Guideline Harvest Level, CGOA = Central Gulf of Alaska



Table 14.—Chignik Area state-waters Pacific cod effort and harvest, in pounds, by gear type, 1997–2014.

Year	Gear	GHL <sup>a</sup>	Vessels	Landings	Harvest <sup>b</sup>	Price Per Pound <sup>c</sup>
1997	Jig	5.95 <sup>d</sup>	4	14	35,002	\$0.18
	Pot		10	60	1,098,970	\$0.18
1998	Jig	5.68 <sup>d</sup>	11	59	167,283	\$0.18
	Pot		32	236	5,440,796	\$0.17
1999	Jig	8.21 <sup>d</sup>	11	56	218,408	\$0.32
	Pot		32	396	6,207,176	\$0.29
2000	Jig	1.01	5	12	38,453	\$0.31
	Pot	5.71	20	151	1,756,305	\$0.30
2001	Jig	0.89	13	55	277,411	\$0.27
	Pot	5.07	15	124	2,371,243	\$0.26
2002	Jig	0.73	14	59	324,199	\$0.20
	Pot	4.16	12	139	3,903,320	\$0.20
2003	Jig	0.67	16	106	433,067	\$0.28
	Pot	3.80	15	151	4,034,504	\$0.26
2004	Jig	1.04	14	53	141,697	\$0.24
	Pot	5.87	17	244	5,608,763	\$0.23
2005	Jig	0.64	9	44	136,948	\$0.24
	Pot	5.75	15	206	5,650,595	\$0.25
2006	Jig	0.73	2	4	Confidential	Confidential
	Pot	6.58	12	202	3,439,521	\$0.34
2007	Jig	0.73	0	0	0	ND
	Pot	6.58	16	241	5,700,861	\$0.45
2008	Jig	0.73	2	3	Confidential	Confidential
	Pot	6.58	23	262	6,838,934	\$0.56
2009	Jig	0.61	1	1	Confidential	Confidential
	Pot	5.47	11	122	5,679,676	\$0.24
2010	Jig	0.95	2	23	Confidential	Confidential
	Pot	8.51	16	160	9,153,719	\$0.24
2011	Jig	1.04	10	45	224,400	\$0.32
	Pot	9.34	23	199	10,122,456	\$0.32
2012	Jig	1.10	6	15	266,638	\$0.30
	Pot	9.89	20	189	10,229,969	\$0.35

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Table 14.–Page 2 of 2.

Year	Gear	GHL <sup>a</sup>	Vessels	Landings	Harvest <sup>b</sup>	Price per pound <sup>c</sup>
2013	Jig	0.95	0	0	0	ND
	Pot	8.56	19	191	8,712,190	\$0.25
2014	Jig	1.02	2	3	Confidential	\$0.24
	Pot	9.22	12	154	9,593,269	\$0.28

*Notes:* Weights reported in whole fish pounds; discards at sea excluded. Data are confidential when fewer than 3 vessels participated. ND = No Data

<sup>a</sup> GHL = Guideline Harvest Level (millions of pounds)

<sup>b</sup> Harvest may include landings made after allocation rollovers.

<sup>c</sup> Price per pound calculated from whole fish pounds sold, excluding bait and meal.

<sup>d</sup> Total GHL; no GHL allocation by gear type during 1997–1999 seasons.

Table 15.—Chignik Area state-waters season Pacific cod effort and harvest, in pounds, all gear combined, by statistical area, 2014.

Statistical area	Vessels	Landings <sup>a</sup>	Harvest
565633	3	30	1,524,060
585531	5	48	3,222,061
585601	5	29	1,170,662
Other <sup>b</sup>	9	60	3,676,487
Total	13	157	9,593,270

Notes: Weights reported in whole fish pounds; discards at sea excluded.

<sup>a</sup> Some landings involve multiple statistical areas.

<sup>b</sup> Total of 6 statistical area combined due to confidentiality.

Table 16.–South Alaska Peninsula Area state-waters Pacific cod season openings by gear type, 1997–2014.

	Pot Gear	Jig Gear
1997	<p><i>Fishery dates:</i> April 4–December 22</p> <p><i>Management actions:</i> October 31 - Vessel size limit, gear limits, and exclusive registration lifted. December 22 - Pot and jig gear seasons closed when GHL was attained.</p>	<p>April 4–December 22</p>
1998	<p><i>Fishery dates:</i> March 10–April 16</p> <p><i>Management actions:</i> April 16 - Pot gear season closed when GHL was attained.</p>	<p>March 10–December 31</p>
1999	<p><i>Fishery dates:</i> March 15–April 11 October 31–December 31</p> <p><i>Management actions:</i> April 11 - Pot gear season closed when GHL was attained. October 31 - Allocation rollover; reopened pot gear season. November 10 - Gear limits lifted.</p>	<p>March 15–December 31</p>
2000	<p><i>Fishery dates:</i> March 11–April 8</p> <p><i>Management actions:</i> April 8 - Pot gear season closed when GHL was attained. September 19 - Jig gear season closed when GHL was attained.</p>	<p>March 11–September 19</p>
2001	<p><i>Fishery dates:</i> March 6–April 13</p> <p><i>Management actions:</i> April 13 - Pot gear season closed when GHL was attained. June 12 - Jig gear season closed when GHL was attained.</p>	<p>March 6–June 12</p>
2002	<p><i>Fishery dates:</i> March 5–March 24</p> <p><i>Management actions:</i> March 24 - Pot gear season closed when GHL was attained. April 26 - Jig gear season closed when GHL was attained.</p>	<p>March 5–April 26</p>
2003	<p><i>Fishery dates:</i> February 24–March 11</p> <p><i>Management actions:</i> March 11 - Pot gear season closed when GHL was attained. April 22 - Jig gear season closed when GHL was attained.</p>	<p>February 24–April 22</p>

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	Pot gear	Jig gear
2004	<p><i>Fishery dates:</i> March 2–March 24</p> <p><i>Management actions:</i> March 24 - Pot gear season closed when GHL was attained. April 14 - Jig gear season closed when GHL was attained.</p>	March 2–April 14
2005	<p><i>Fishery dates:</i> March 3–March 24</p> <p><i>Management actions:</i> March 24 - Pot gear season closed when GHL was attained. September 1 - Jig gear season closed for parallel B season.</p>	March 3–September 1
2006	<p><i>Fishery dates:</i> March 9–March 29 April 4– April 7</p> <p><i>Management actions:</i> March 29 - Pot gear season closed when GHL was expected to be attained. April 4 - Pot gear season reopened. April 7 - Pot gear season closed when GHL was attained. September 1 - Jig gear season closed for parallel B season.</p>	March 9–September 1
2007	<p><i>Fishery dates:</i> March 15–April 17</p> <p><i>Management actions:</i> April 17 - Pot gear season closed when GHL was attained. September 1 - Jig gear season closed for parallel B season.</p>	March 15–September 1
2008	<p><i>Fishery dates:</i> March 7–April 1</p> <p><i>Management actions:</i> April 1 - Pot gear season closed when GHL was attained. September 1 - Jig gear season closed for parallel B season.</p>	March 7–September 1
2009	<p><i>Fishery dates:</i> March 4–April 4</p> <p><i>Management actions:</i> April 4 - Pot gear season closed when GHL was attained. September 1 - Jig gear season closed for parallel B season.</p>	March 4–September 1
2010	<p><i>Fishery dates:</i> March 5–March 23</p> <p><i>Management actions:</i> March 23 - Pot gear season closed when GHL was attained. May 27 - Jig gear season closed when GHL was attained.</p>	March 5–May 27

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	Pot gear	Jig gear
2011	<p><i>Fishery dates:</i> February 25–March 11</p> <p><i>Management actions:</i> March 11 - Pot gear season closed when GHL was attained. April 26 - Jig gear season closed when GHL was attained.</p>	<p>February 25–April 26</p>
2012	<p><i>Fishery dates:</i> March 7–March 22</p> <p><i>Management actions:</i> March 21 - Jig gear season opened; weather delay March 19–20. March 22 - Pot gear season closed when GHL was attained. June 10 - Jig gear season closed for parallel B season.</p>	<p>March 21–June 10</p>
2013	<p><i>Fishery dates:</i> March 9–March 22</p> <p><i>Management actions:</i> March 9 - Pot gear season opened; weather delay March 7–8. March 22 - Pot gear season closed when GHL was attained. July 16 - Jig gear season closed for parallel B season.</p>	<p>March 15–July 16</p>
2014	<p><i>Fishery dates:</i> March 7–March 24</p> <p><i>Management actions:</i> March 20 - Jig gear season opened; weather delay March 15–19. March 24 - Pot gear season closed when GHL was attained. May 16 - Jig gear season closed for parallel B season.</p>	<p>March 20–May 16</p>

Notes: GHL = Guideline Harvest Level

Table 17.—South Alaska Peninsula Area state-waters Pacific cod effort and harvest, in pounds, by gear type, 1997–2014.

Year	Gear	GHL <sup>a</sup>	Vessels	Landings	Harvest <sup>b</sup>	Price per pound <sup>c</sup>
1997	Jig	9.42 <sup>d</sup>	43	178	349,468	\$0.17
	Pot		51	469	9,097,805	\$0.19
1998	Jig	1.35	29	126	438,320	\$0.16
	Pot	7.66	49	309	8,192,803	\$0.17
1999	Jig	1.95	25	166	706,952	\$0.29
	Pot	11.07	52	388	11,115,028	\$0.26
2000	Jig	2.27	28	145	757,953	\$0.28
	Pot	12.88	65	505	14,286,151	\$0.30
2001	Jig	2.02	69	417	3,402,427	\$0.24
	Pot	11.43	55	311	10,421,593	\$0.25
2002	Jig	0.73	63	322	2,045,894	\$0.24
	Pot	10.52	51	277	10,670,940	\$0.21
2003	Jig	1.70	65	413	3,633,007	\$0.27
	Pot	9.65	41	191	7,927,656	\$0.27
2004	Jig	1.87	51	317	1,671,461	\$0.23
	Pot	10.59	43	277	10,770,980	\$0.23
2005	Jig	1.73	40	262	1,230,517	\$0.25
	Pot	9.80	39	267	10,206,340	\$0.25
2006	Jig	2.22	12	36	99,552	\$0.36
	Pot	12.58	43	350	11,640,183	\$0.36
2007	Jig	0.22	14	59	254,178	\$0.47
	Pot	12.58	46	406	12,423,973	\$0.47
2008	Jig	2.14	52	310	1,401,011	\$0.57
	Pot	12.15	48	390	11,901,039	\$0.56
2009	Jig	1.78	26	185	1,093,382	\$0.23
	Pot	10.10	47	329	10,500,742	\$0.26
2010	Jig	2.29	34	294	2,315,081	\$0.25
	Pot	12.97	38	240	12,973,186	\$0.25
2011	Jig	2.51	42	271	2,443,043	\$0.28
	Pot	14.23	49	280	14,363,262	\$0.29
2012	Jig	2.32	48	345	1,989,884	\$0.34
	Pot	13.13	53	299	13,366,884	\$0.34

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Year	Gear	GHL <sup>a</sup>	Vessels	Landings	Harvest <sup>b</sup>	Price per pound <sup>c</sup>
2013	Jig	2.34	38	281	2,198,511	\$0.27
	Pot	13.25	37	248	13,384,834	\$0.27
2014	Jig	3.25	39	295	3,143,144	\$0.28
	Pot	18.41	38	321	18,805,994	\$0.29

*Notes:* Weights reported in whole fish pounds; discards at sea excluded.

<sup>a</sup> GHL = Guideline Harvest Level (millions of pounds)

<sup>b</sup> Harvest may include landings made after allocation rollovers.

<sup>c</sup> Price per pound calculated from whole fish pounds sold, excluding bait and meal.

<sup>d</sup> Total GHL; no GHL allocation by gear type during 1997 season.



Table 18.—South Alaska Peninsula Area state-waters season Pacific cod effort and harvest, in pounds, all gear combined, by statistical area, 2014.

Statistical area	Vessels	Landings <sup>a</sup>	Harvest
595503	6	8	303,291
595533	6	14	338,748
605432	3	13	999,895
605501	7	18	324,831
605502	27	102	5,644,205
605504	35	207	2,942,605
605506	8	10	123,233
605507	16	34	336,276
605531	5	6	114,231
615508	3	4	45,115
625401	5	43	2,840,278
625431	6	29	462,855
625434	5	10	650,288
625501	5	12	58,246
635432	4	5	188,958
635434	7	54	1,960,523
635436	3	13	641,026
Other <sup>b</sup>	12	47	3,974,534
<b>Total</b>	<b>73</b>	<b>616</b>	<b>21,949,138</b>

Notes: Weights reported in whole fish pounds; discards at sea excluded.

<sup>a</sup> Some landings include multiple statistical areas.

<sup>b</sup> Total of 10 statistical areas combined due to confidentiality.

Table 19.—Kodiak Area black rockfish jig season effort, harvest in pounds, and price per pound, 1990–2014.

Year <sup>a</sup>	Vessels	Landings	GHL	Harvest	Price per pound <sup>b</sup>
1990	2	8	NA	Confidential	Confidential
1991	55	317	NA	782,133	\$0.25
1992	34	167	NA	476,623	\$0.24
1993	14	58	NA	105,244	\$0.24
1994	23	126	NA	116,724	\$0.37
1995	33	183	NA	311,455	\$0.44
1996	43	167	NA	301,798	\$0.46
1997	51	297	NA	221,167	\$0.38
1998	64	348	190,000	196,548	\$0.33
1999	70	300	185,000	128,008	\$0.42
2000	72	260	185,000	245,891	\$0.44
2001	36	168	185,000	213,629	\$0.50
2002	25	123	185,000	196,166	\$0.43
2003	33	90	185,000	84,237	\$0.36
2004	37	124	185,000	122,180	\$0.39
2005	23	85	175,000	116,726	\$0.40
2006	25	97	175,000	123,443	\$0.42
2007	21	96	175,000	135,386	\$0.41
2008	17	91	175,000	132,325	\$0.53
2009	18	90	175,000	122,249	\$0.41
2010	12	74	175,000	103,630	\$0.39
2011	21	67	175,000	124,900	\$0.39
2012	19	53	135,000	80,940	\$0.41
2013	20	62	135,000	141,226	\$0.45
2014	17	74	125,000	109,053	\$0.41

*Notes:* Weights reported in whole fish pounds; discards at sea excluded. Data are confidential when fewer than 3 vessels participated. GHL = Guideline Harvest Level, NA = Not Applicable

<sup>a</sup> Prior to 1998, black rockfish were under federal management.

<sup>b</sup> Price per pound based on whole fish pounds sold, excluding bait and meal.

Table 20.—Chignik Area black rockfish jig season effort, harvest in pounds, and price per pound, 1990–2014.

Year <sup>a</sup>	Vessels	Landings	GHL	Harvest	Price per pound <sup>b</sup>
1990	0	0	NA	0	\$0.00
1991	0	0	NA	0	\$0.00
1992	0	0	NA	0	\$0.00
1993	0	0	NA	0	\$0.00
1994	0	0	NA	0	\$0.00
1995	5	6	NA	25,125	\$0.49
1996	11	25	NA	201,825	\$0.36
1997	9	39	NA	80,741	\$0.23
1998	10	30	100,000	87,712	\$0.28
1999	10	30	100,000	11,305	\$0.25
2000	7	14	100,000	95,572	\$0.43
2001	13	33	100,000	102,316	\$0.41
2002	7	15	100,000	81,015	\$0.41
2003	10	40	100,000	46,598	\$0.42
2004	6	26	100,000	99,122	\$0.27
2005	7	16	100,000	49,721	\$0.40
2006	2	4	100,000	Confidential	Confidential
2007	2	7	100,000	Confidential	Confidential
2008	1	4	100,000	Confidential	Confidential
2009	2	2	100,000	Confidential	Confidential
2010	1	5	100,000	Confidential	Confidential
2011	1	1	100,000	Confidential	Confidential
2012	1	1	100,000	Confidential	Confidential
2013	0	0	100,000	0	\$0.00
2014	1	1	100,000	Confidential	Confidential

Notes: Weights reported in whole fish pounds; discards at sea excluded. Data are confidential when fewer than 3 vessels participated. GHL = Guideline Harvest Level, NA = Not Applicable

<sup>a</sup> Prior to 1998, black rockfish were under federal management.

<sup>b</sup> Price per pound based on whole fish pounds sold, excluding bait and meal.

Table 21.—South Alaska Peninsula Area Eastern District black rockfish jig season effort, harvest in pounds, and price per pound, 1990–2014.

Year <sup>a</sup>	Vessels	Landings	GHL	Harvest	Price per pound <sup>b</sup>
1990	0	0	NA	0	\$0.00
1991	1	1	NA	Confidential	Confidential
1992	0	0	NA	0	\$0.00
1993	0	0	NA	0	\$0.00
1994	0	0	NA	0	\$0.00
1995	8	49	NA	120,745	\$0.33
1996	19	78	NA	150,188	\$0.25
1997	9	32	NA	109,076	\$0.34
1998	6	18	100,000	84,145	\$0.29
1999	9	38	100,000	55,308	\$0.41
2000	20	73	100,000	94,797	\$0.35
2001	30	82	100,000	101,605	\$0.36
2002	9	30	100,000	102,114	\$0.29
2003	4	6	100,000	5,267	\$0.21
2004	15	24	100,000	8,925	\$0.26
2005	11	26	100,000	57,732	\$0.35
2006	3	8	75,000	7,015	\$0.37
2007	2	9	75,000	Confidential	Confidential
2008	0	0	75,000	0	\$0.00
2009	3	3	75,000	705	\$0.25
2010	1	1	75,000	Confidential	Confidential
2011	1	2	75,000	Confidential	Confidential
2012	0	0	75,000	0	\$0.00
2013	2	4	75,000	Confidential	Confidential
2014	0	0	75,000	0	\$0.00

*Notes:* Weights reported in whole fish pounds; discards at sea excluded. Data are confidential when fewer than 3 vessels participated. GHL = Guideline Harvest Level, NA = Not Applicable

<sup>a</sup> Prior to 1998, black rockfish were under federal management.

<sup>b</sup> Price per pound based on whole fish pounds sold, excluding bait and meal.

Table 22.—Regulatory development of the black rockfish fishery in the Kodiak, Chignik, and South Alaska Peninsula (SAP) areas, 1997–2014.

Year	Regulation
Pre-1997	– Black rockfish managed by NMFS
1997	– NPFMC removed black rockfish from Pelagic Shelf Rockfish Group – State-waters managed separately from federal waters: Kodiak Area GHL established at 170,000 pounds; Chignik Area and SAP Area Eastern District GHLS established at 100,000 pounds
1998	– State assumed management authority from NMFS for black rockfish in the Exclusive Economic Zone – Kodiak and Chignik areas and SAP Eastern District established as non-exclusive registration areas – Kodiak Area divided into 7 districts each with separate GHLS
1999	– Kodiak Area Northeast District GHL reduced from 25,000 pounds to 20,000 pounds
2003	– Kodiak Area: regulation stating that vessels may not be concurrently registered for black rockfish and Pacific cod established – Kodiak Area trip limit established at 5,000 pounds per 5 days – Chignik Area designated superexclusive registration area – Chignik Area divided into 3 management districts
2004	– Kodiak Area Westside District GHL reduced from 30,000 pounds to 20,000 pounds
2005	– SAP Area Eastern District divided into 3 management sections – Kodiak Area incidental trip limit of 2,500 pounds established for vessels fishing during other directed jig groundfish fisheries in Kodiak Area – Kodiak Area logbooks mandated
2006	– SAP Area Eastern District GHL reduced from 100,000 to 75,000
2007	– Kodiak Area Northeast, Afognak, and Southeast districts incidental trip limit reduced from 2,500 to 1,000 pounds
2011	– Kodiak Area Rockfish Management Plan revised: incidental trip limits repealed and replaced with bycatch percentages established by EO; trip limit increased from 5,000 to 7,000 pounds after August 14 by EO; reporting requirements and trip limits for catcher processors established
2012	– Kodiak Area Southwest and Mainland district GHLS eliminated; harvest as bycatch only
2014	– Kodiak Area Westside District GHL reduced from 20,000 pounds to 10,000 pounds

Notes: NMFS = National Marine Fisheries Service; NPFMC = North Pacific Fishery Management Council; GHL = Guideline Harvest Level; SAP = South Alaska Peninsula; EO = Emergency Order

Table 23.—Commercial jig harvest of black rockfish from Kodiak, Chignik, and South Alaska Peninsula areas, in pounds, by district, 2014.

Area/District	Harvest			Total	Directed fishery closure date
	GHL	Directed	Bycatch		
<b>Kodiak Area</b>					
Afognak	35,000	28,022	Confidential	28,022	December 31
Northeast	20,000	16,678	717	17,394	February 26
Eastside	30,000	26,504	6,914	33,418	May 5
Southeast	30,000	22,784	6,504	29,288	September 8
Southwest	Bycatch only	0	Confidential	Confidential	NA
Westside	10,000	0	Confidential	Confidential	December 31
Mainland	Bycatch only	0	0	0	NA
<b>Total</b>	<b>125,000</b>	<b>93,988</b>	<b>14,135</b>	<b>108,123</b>	
<b>Chignik Area</b>					
Sutwik Island	45,000	0	Confidential	0	December 31
Chignik Bay	45,000	0	Confidential	0	December 31
Mitrofanina	45,000	0	0	0	December 31
<b>Total</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>South Alaska Peninsula Area</b>					
Eastern	75,000	0	0	0	December 31

Notes: Weights reported in whole fish pounds; discards at sea excluded. Data are confidential when fewer than 3 vessels or processors participated. GHL = Guideline Harvest Level; NA = Not Applicable

Table 24.–Lingcod harvest from Kodiak, Chignik, and South Alaska Peninsula areas, in pounds, by gear type, 1988–2014.

Year	Jig	Longline	Pot	Trawl	Total
1988	59	43	0	136,191	136,294
1989	69	0	0	14,324	14,394
1990	1,418	158	402	8,839	10,816
1991	8,375	501	386	663	9,925
1992	5,569	4,261	72	10,897	20,799
1993	0	511	0	4,778	5,289
1994	4,820	803	0	229	5,852
1995	34,574	3,467	79	1,191	39,311
1996	43,403	7,878	0	10,929	62,209
1997	12,637	6,499	4,251	5,267	28,654
1998	5,756	1,771	0	3,514	11,041
1999	1,358	3,802	4,189	4,593	13,941
2000	3,400	6,734	2,676	2,127	14,938
2001	527	4,063	3,597	5,688	13,875
2002	29	6,131	2,749	5,380	14,290
2003	229	9,740	0	5,069	15,037
2004	2,990	6,865	205	16,731	26,791
2005	772	18,831	7,983	14,078	41,663
2006	289	16,028	20,127	12,670	49,114
2007	35	28,058	32,024	45,420	105,538
2008	1,518	31,637	21,278	466,826	521,259
2009	373	28,112	3,614	65,182	97,281
2010	812	31,204	1,935	33,594	67,545
2011	123	25,045	14,962	82,323	122,454
2012	297	18,815	69,613	69,683	158,409
2013	0	14,341	19,266	29,166	62,729
2014	0	11,285	23,949	34,148	69,382

Notes: Weights reported in whole fish pounds; discards at sea excluded.

Table 25.–Central and Western Gulf of Alaska walleye pollock fishery openings, 2009–2014.

NMFS area	2009	2010	2011	2012	2013	2014
Area 630	Jan 20–Jan 22	Jan 20–Jan 22	Jan 20–Jan 21	Jan 20–Jan 23	Jan 20–Jan 22	Jan 20–Mar 9
	Feb 11–Feb 11	Feb 11–Feb 11	Feb 28–Mar 1	Feb 16–Feb 25	Feb 8–Feb 22	Mar 10–Mar 31
	Mar 9–Mar 11	Mar 9–Mar 11	Mar 7–Mar 12	Mar 10–Mar 10	Mar 10–Mar 10	Aug 25–Sep 23
	Aug 25–Aug 26	Aug 25–Aug 26	Aug 25–Aug 27	Mar 21–Mar 24	Mar 22–Mar 26	Oct 1–Nov 1
	Sep 29–Oct 1	Sep 29–Oct 1	Sep 4–Sep 9	Aug 25–Oct 20	Aug 25–Sep 16	
			Oct 1–Nov 1		Oct 1–Oct 8	
				Oct 22–Nov 11		
Area 620	Jan 20–Mar 6	Jan 20–Mar 6	Jan 20–Feb 25	Jan 20–Feb 27	Jan 20–Feb 24	Jan 20–Mar 9
	Mar 10–Mar 14	Mar 10–Mar 14	Mar 10–Mar 22	Mar 10–Mar 17	Mar 10–Mar 17	Mar 10–Apr 10
	Aug 25–Aug 26	Aug 25–Aug 26	Aug 25–Sep 4	Aug 25–Sep 18	Aug 25–Sep 13	Aug 25–Sep 16
	Sep 29–Oct 4	Sep 29–Oct 4	Oct 1–Nov 1	Oct 24–Nov 1	Oct 1–Oct 6	Oct 1–Nov 1
					Oct 22–Nov 11	
Area 610	Jan 20–Jan 22	Jan 20–Jan 22	Jan 20–Jan 23	Jan 20–Mar 10	Jan 20–Mar 30	Jan 20–Mar 9
	Mar 1–Mar 3	Mar 1–Mar 3	Feb 27–Mar 28	Mar 10–Apr 1	Aug 25–Nov 11	Mar 10–Jun 1
	Mar 10–Mar 12	Mar 10–Mar 12	Aug 25–Sep 17	Aug 25–Sep 10		Aug 25–Sept 30
	Aug 25–Aug 31	Aug 25–Aug 31	Oct 1 0–Nov 1	Oct 1–Oct 12		Oct 1–Nov 1
	Oct 1–Oct 6	Oct 1–Oct 6		Oct 19–Oct 23		

Notes: NMFS = National Marine Fisheries Service



Table 26.—Walleye pollock effort and harvest, in millions of pounds, from the Central Gulf of Alaska, 1995–2014.

NMFS area	Year	Vessels	Landings	Harvest	State waters harvest (%) <sup>a</sup>	Discards at sea
Central GOA	1995	108	810	74.02	12.2	1.7
	1996	84	904	50.35	28.4	3.0
	1997	107	1,528	121.28	31.3	1.6
	1998	119	1,702	206.64	34.1	0.2
	1999	101	1,293	148.12	27.3	0.4
	2000	60	1,108	106.09	4.2	0.5
	2001	74	1,160	86.88	20.6	0.3
	2002	72	838	70.90	43.3	0.2
	2003	61	730	71.86	23.1	0.2
	2004	57	772	86.64	36.5	0.4
	2005	53	820	102.90	23.1	0.3
	2006	48	988	96.69	29.0	0.2
	2007	42	894	72.65	26.0	0.4
	2008	47	990	71.48	31.6	1.4
	2009	43	821	53.71	35.0	1.1
	2010	50	1,028	101.31	23.0	1.0
	2011	56	1,060	121.74	10.0	1.3
2012	70	1,262	154.03	18.0	1.0	
2013	66	1,385	182.78	14.0	1.6	
2014	63	1,770	278.94	8.0	1.1	

Notes: Harvest reported in whole fish pounds; discards at sea excluded from all columns except the *Discards at sea* column. GOA = Gulf of Alaska; NMFS = National Marine Fisheries Service

<sup>a</sup> Percent of total walleye pollock harvested in state waters (0–3 nmi)

Table 27.—Walleye pollock effort and harvest, in millions of pounds, from the Western Gulf of Alaska, 1995–2014.

NMFS area	Year	Vessels	Landings	Harvest	State waters harvest (%) <sup>a</sup>	Discards at sea
Western GOA	1995	92	351	65.69	34.0	1.3
	1996	56	319	52.06	59.8	1.5
	1997	84	333	62.47	31.9	1.1
	1998	84	362	65.70	58.4	0.2
	1999	80	432	52.82	52.9	0.5
	2000	49	419	47.33	78.9	0.2
	2001	51	548	67.53	74.0	0.1
	2002	45	316	38.14	49.0	0.5
	2003	41	262	37.04	54.5	0.3
	2004	32	350	50.86	60.9	0.2
	2005	36	502	67.85	49.4	0.2
	2006	38	499	53.78	62.0	0.3
	2007	38	413	38.15	53.0	0.1
	2008	29	340	32.75	34.0	0.0
	2009	35	309	30.68	68.0	0.4
	2010	38	561	57.05	58.0	0.1
2011	35	502	44.98	53.0	0.3	
2012	46	697	60.16	73.0	0.5	
2013	40	402	16.81	57.0	1.0	
2014	34	586	28.75	42.0	0.4	

Notes: Harvest reported in whole fish pounds; discards at sea excluded from all columns except the *Discards at sea* column. GOA = Gulf of Alaska; NMFS = National Marine Fisheries Service

<sup>a</sup> Percent of total walleye pollock harvested in state waters (0–3 nmi)

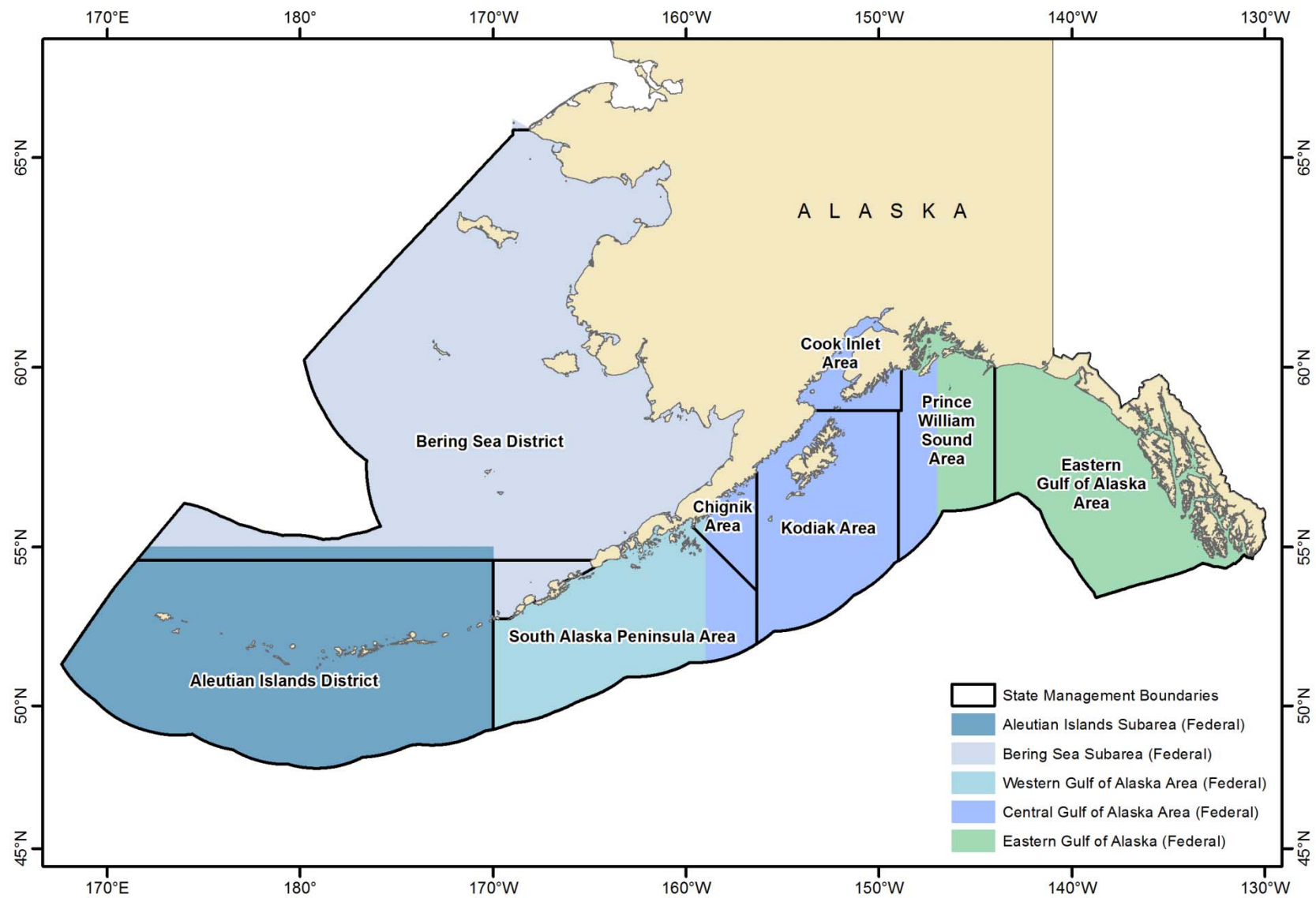


Figure 1.—Alaska Department of Fish and Game and National Marine Fisheries Service groundfish management areas.

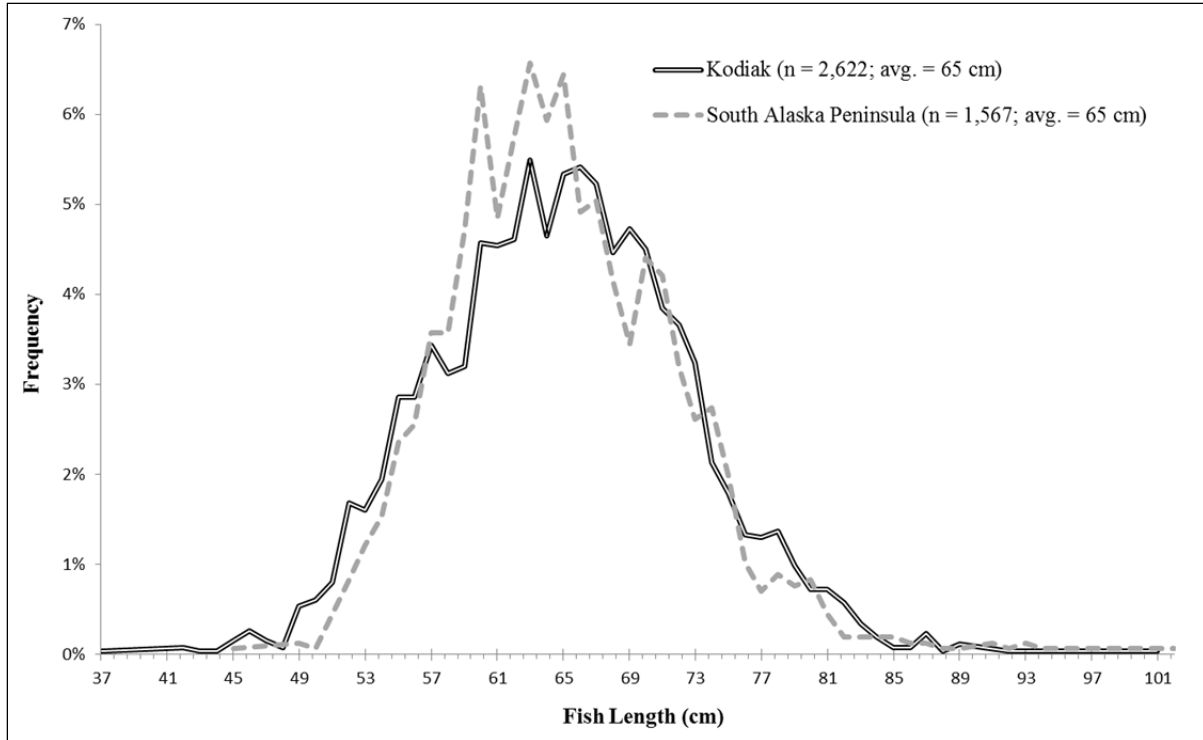


Figure 2.—Pacific cod length frequency by area from state-waters fisheries in Kodiak and South Alaska Peninsula areas, 2014.

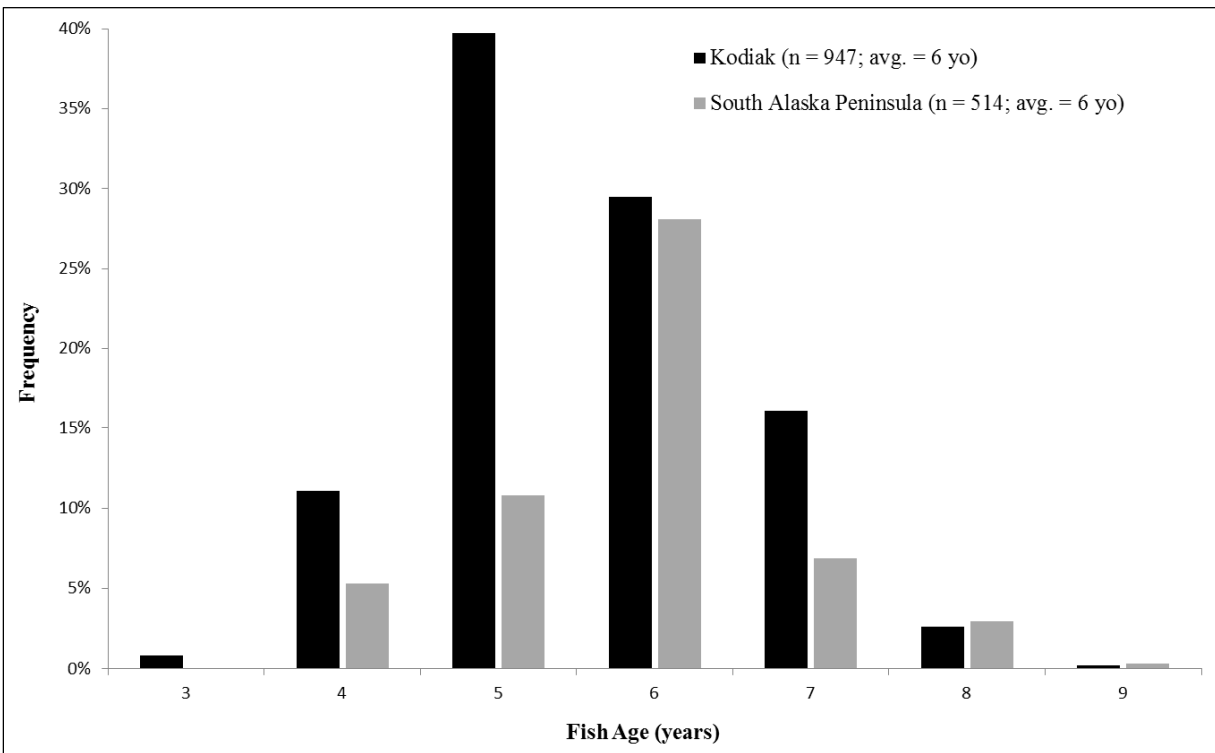


Figure 3.—Age composition of Pacific cod sampled from the state-waters fisheries in the Kodiak, Chignik, and South Alaska Peninsula areas, 2014.

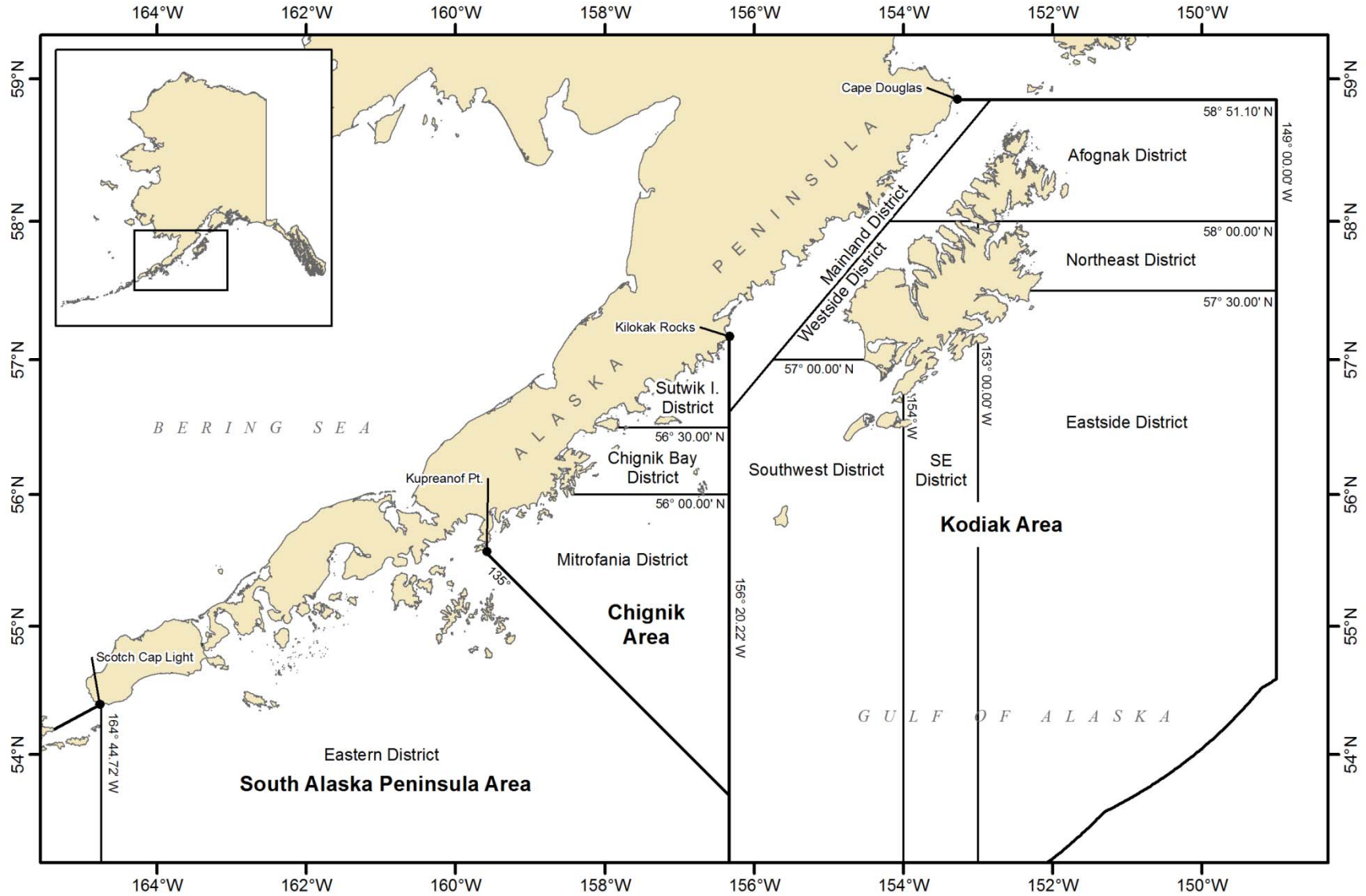


Figure 4.—Kodiak, Chignik, and South Alaska Peninsula black rockfish management areas and districts, 2014.

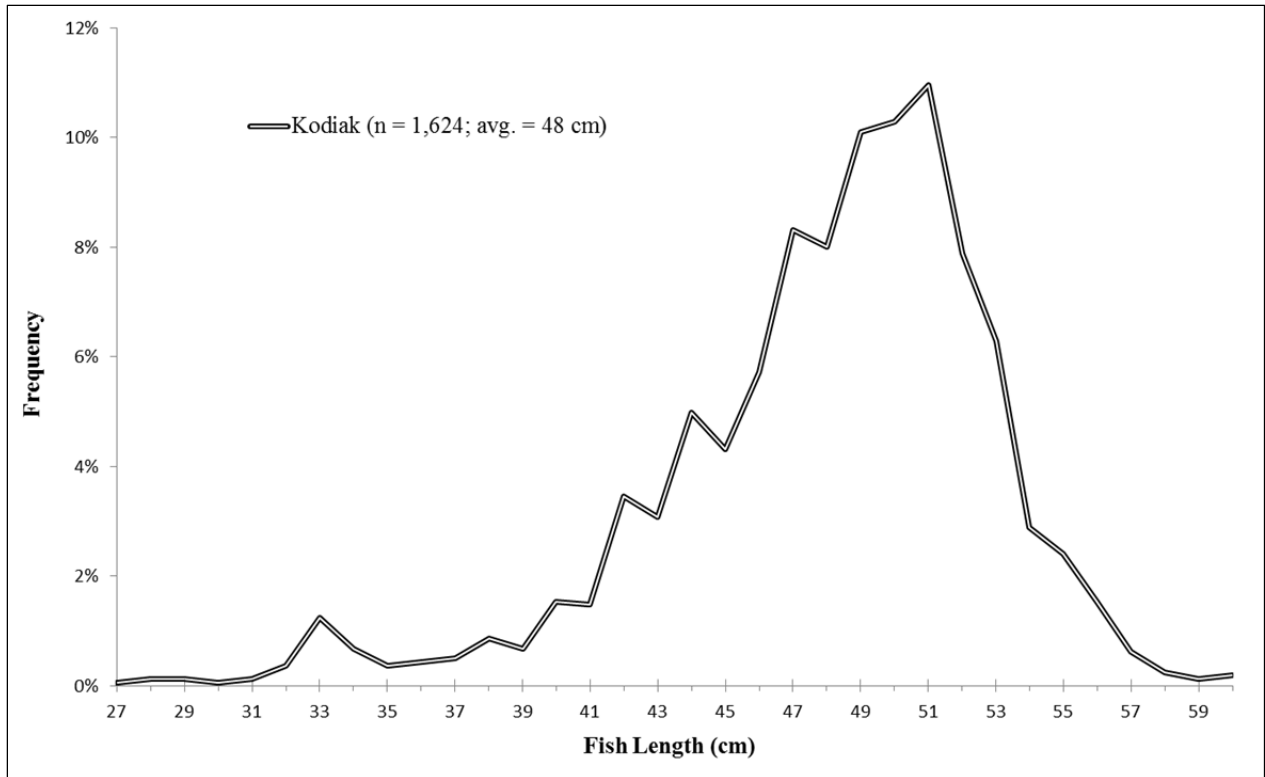


Figure 5.—Black rockfish length frequency from Kodiak Area fishery, 2014.

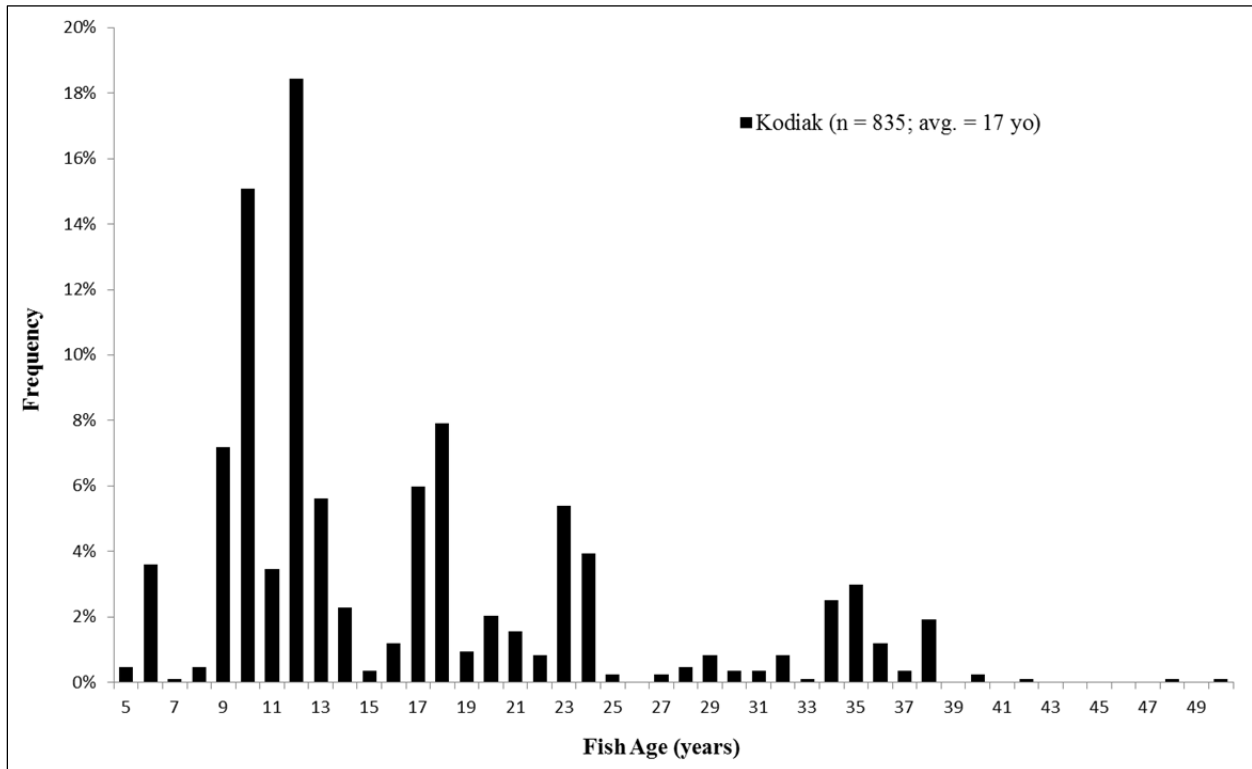


Figure 6.—Age composition of black rockfish from 2014 Kodiak Area fishery.

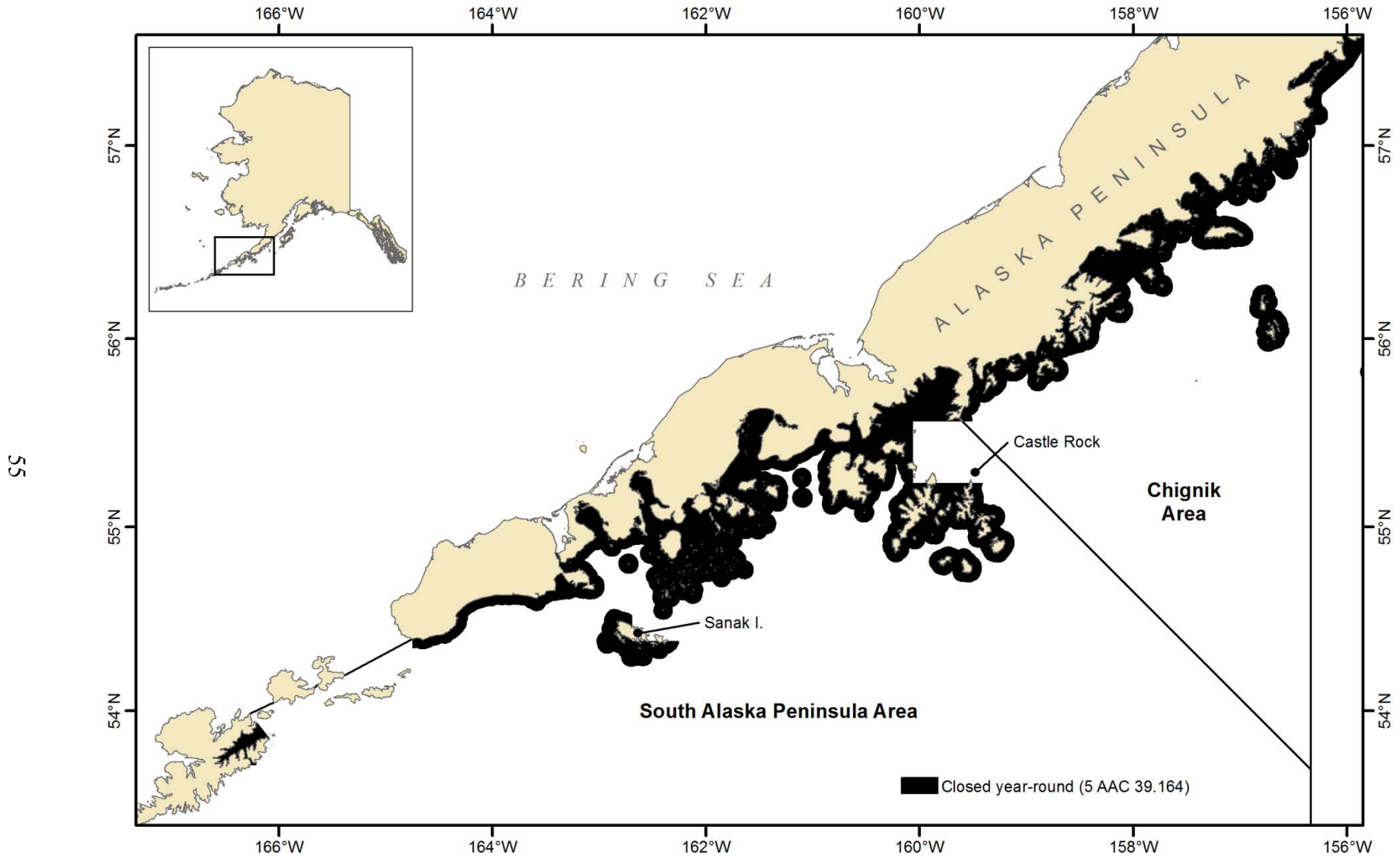


Figure 7.—Chignik and South Alaska Peninsula areas non-pelagic trawl gear closures, 2014.

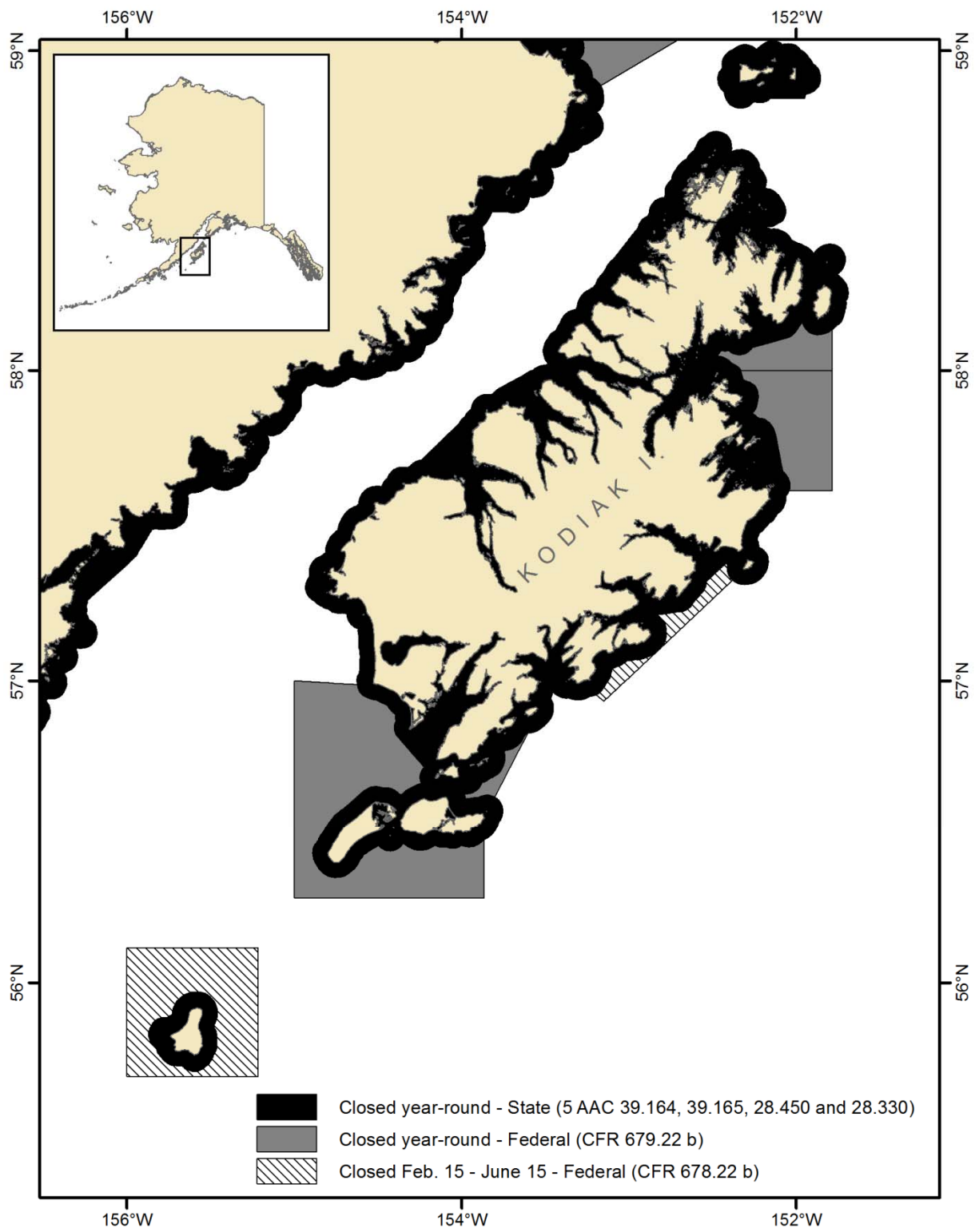


Figure 8.—Kodiak Area non-pelagic trawl gear closures, 2014.



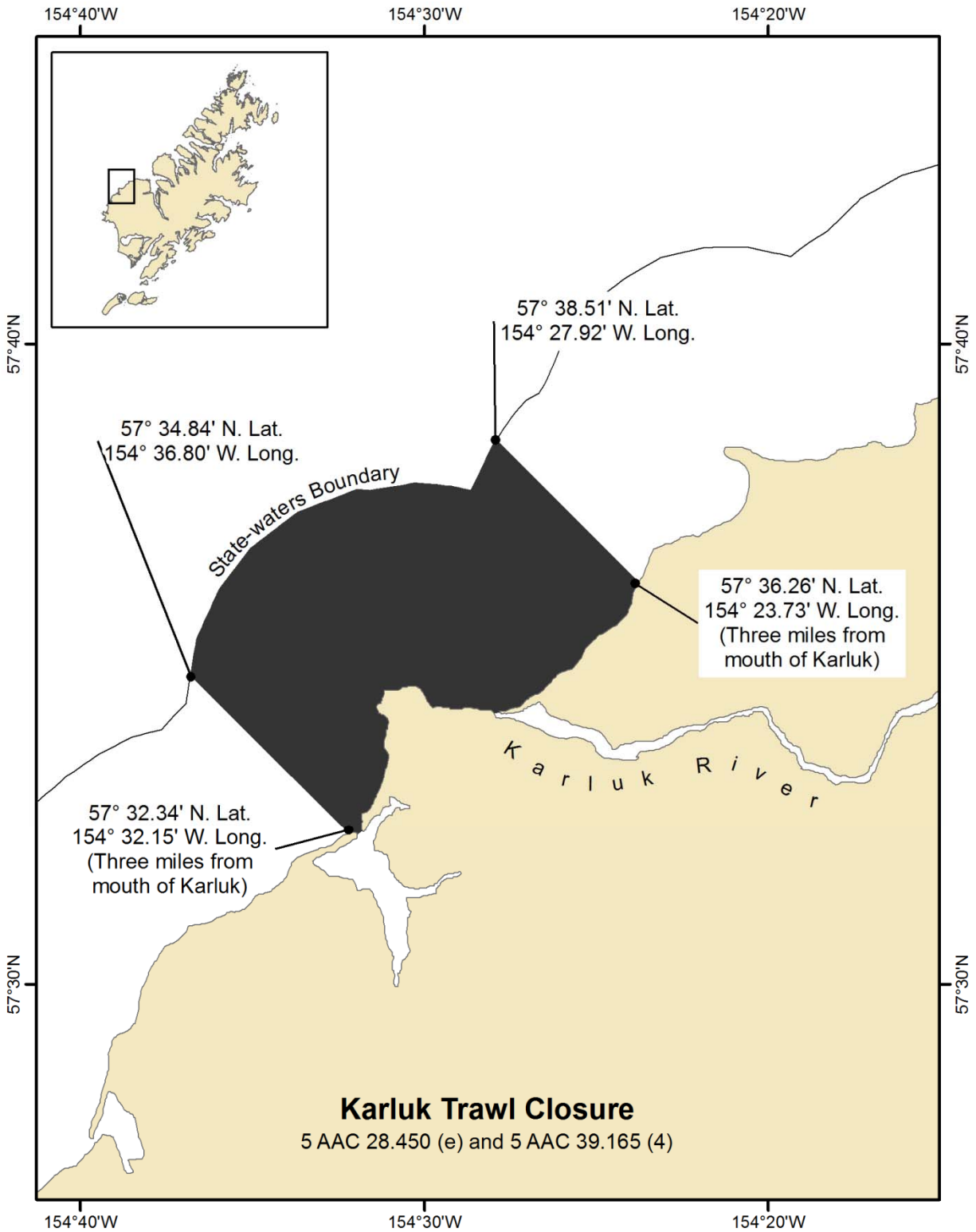


Figure 9.—Karluk trawl closure, 2014.



**APPENDIX A. FREQUENTLY USED ACRONYMS  
AND KEY WORDS**

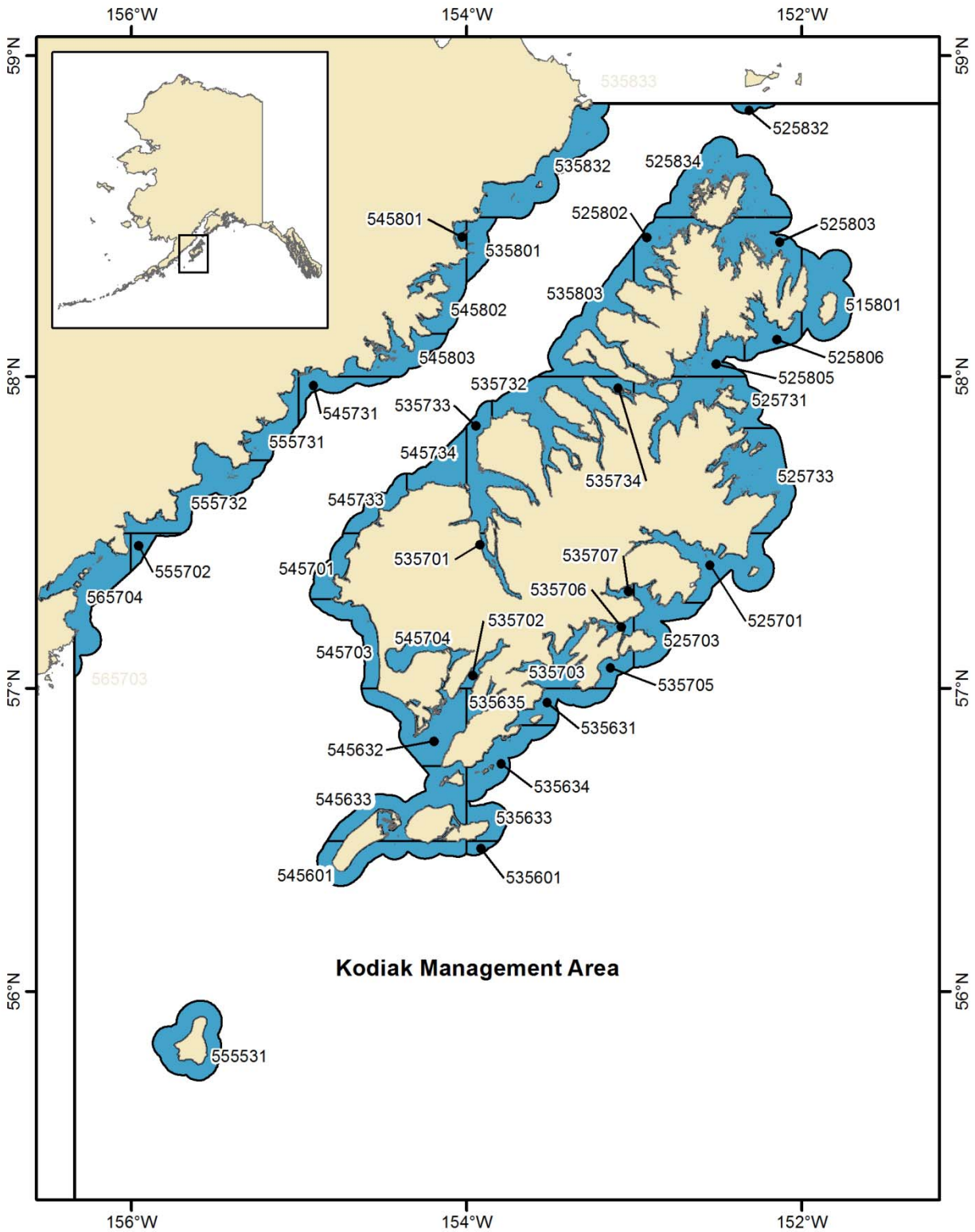
Appendix A1.–Frequently used acronyms and key words.

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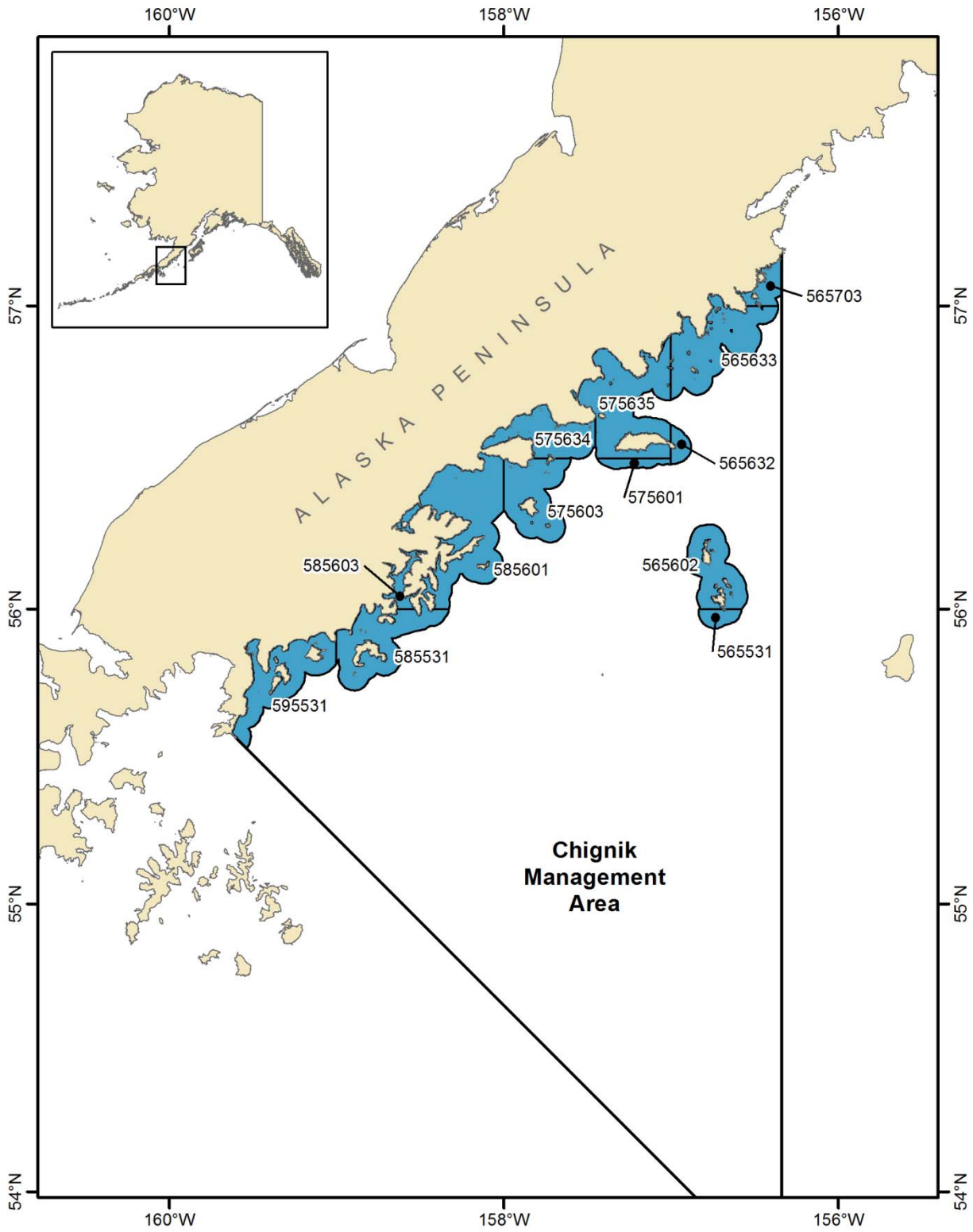
<u>Acronym</u>	<u>Definition</u>
ABC	Acceptable Biological Catch, stock specification as set by NPFMC on an annual basis
ADF&G	Alaska Department of Fish and Game
BOF	Alaska Board of Fisheries
BSAI	Bering Sea-Aleutian Islands Area, state management area or federal management area
CGOA	Central Gulf of Alaska, federal management areas 620 and 630
EEZ	Exclusive Economic Zone, federal waters from 3 to 200 nautical miles offshore
EGOA	Eastern Gulf of Alaska, federal management areas 640 and 650
EO	Emergency Order, management action taken by ADF&G to affect regulatory change
GHL	Guideline Harvest Level
GOA	Gulf of Alaska
LLP	Federal License Limitation Program
mt	Metric ton (1 mt = 2,204.62 lbs)
NMFS	National Marine Fisheries Service
NPFMC	North Pacific Fishery Management Council
Parallel fishery	Fishery occurring from 0 to 3 nautical miles opened by the state under federal rules while a federal fishery is ongoing from 3 to 200 nautical miles
SAP	South Alaska Peninsula
SSL	Steller Sea Lion
State waters	Territorial sea from 0 to 3 nautical miles offshore
State-waters fishery	Fishery occurring from 0 to 3 nautical miles open under Alaska Board of Fisheries regulations and managed exclusively by Alaska Department of Fish and Game
TAC	Total Allowable Catch, final federal harvest specification for directed fishing as recommended by NPFMC and set by NMFS
WGOA	Western Gulf of Alaska, federal management area 610

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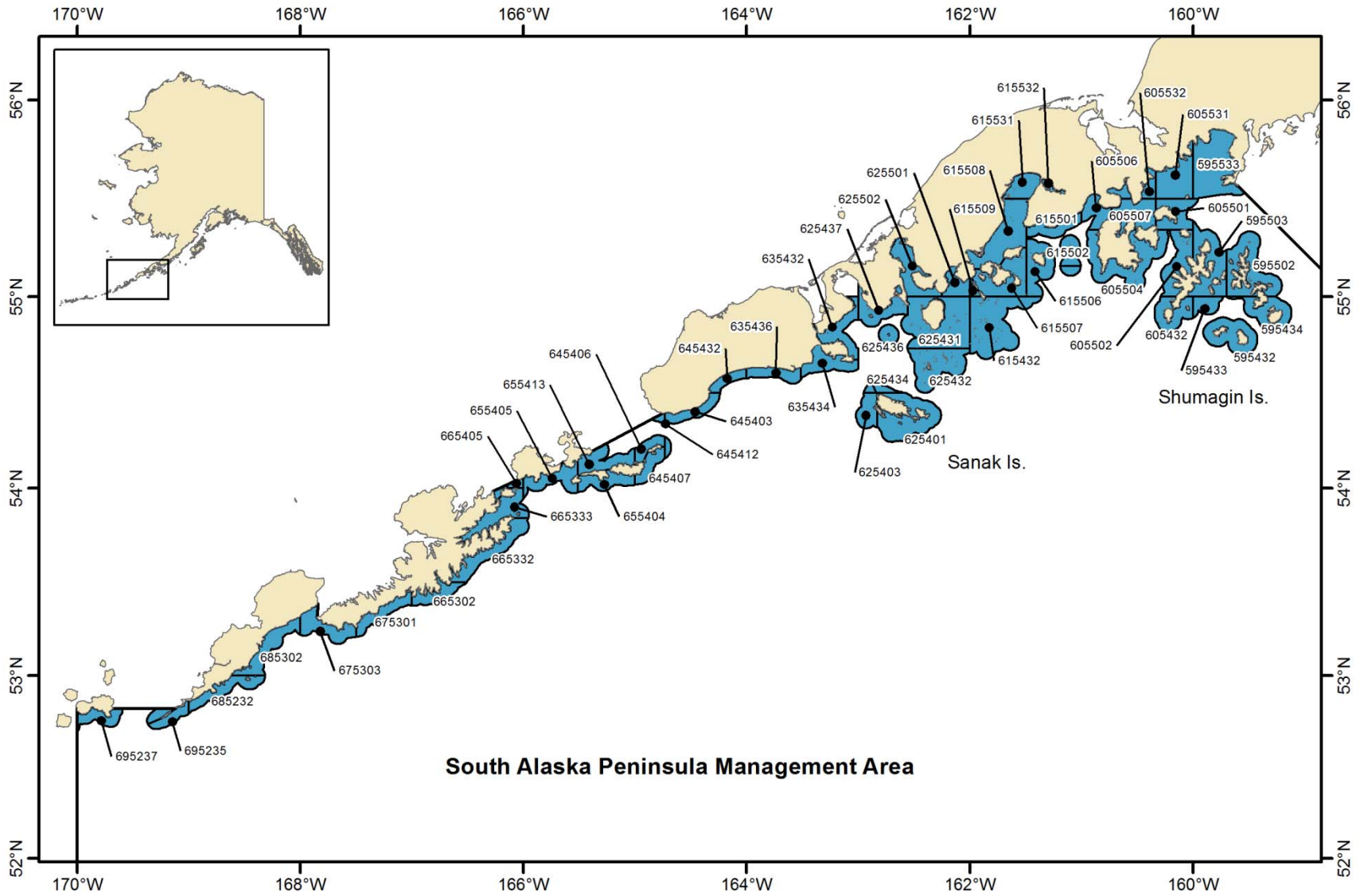
**APPENDIX B. KODIAK, CHIGNIK, AND SOUTH ALASKA  
PENINSULA MANAGEMENT AREAS STATE-WATERS  
STATISTICAL AREAS FOR GROUND FISH**



Appendix B1.—Kodiak Management Area state-waters statistical areas for groundfish.



Appendix B2.—Chignik Management Area state-waters statistical areas for groundfish.



Appendix B3.—South Alaska Peninsula Area state-waters statistical areas for groundfish.