

Fishery Data Series No. 11-45

**Estimates of Participation, Catch, and Harvest in
Alaska Sport Fisheries During 2009**

by

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October 2011

Alaska Department of Fish and Game

Divisions of Sport Fish and Commercial Fisheries



Symbols and Abbreviations

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

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

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PREFACE

A full text Adobe PDF file of this report, as well as summaries of 2009 and prior-year estimates, are available via the division's Internet site. This report can be found under the Sport Fish Publications section at <http://www.adfg.alaska.gov/sf/publications/index.cfm>. This site also contains detailed tabulations for harvest and participation for 1977 through 2001, in Mills 1979-1980, 1981 *a-b*, 1982-1994; Howe et al. 1995-1996, 2001 *a-d*; Walker et al. 2003 and Jennings et al. 2004, 2006*a-b*, 2007, 2009*a-b*, and 2010*a-b*.

Summaries of sportfishing participation catch and harvest for 1996-2009 are displayed at:

<http://www.adfg.alaska.gov/sf/sportfishingsurvey/>

This report documents participation, catch, and harvest for 2009, which are tabulated by region, area, fishery, and species in Section 2.

ABSTRACT

Since 1977, the Alaska Department of Fish and Game has conducted an annual mail survey to estimate sport fishing participation and harvests (fish kept) statewide by Alaska fisheries, areas, regions, and species. Since 1990, catches (fish harvested plus fish released) have also been estimated. Detailed findings are presented for 2009. In 2009, an estimated 442,756 anglers fished 2,216,445 days and kept 2,951,263 of 6,964,949 fish caught.

Key words: Alaska, sport, fish, fisheries, fishing, catch, harvest, angler, angler-days, survey, Pacific salmon, trout, char, Arctic grayling, northern pike, whitefish, burbot, smelt, Pacific halibut, rockfish, lingcod, Pacific cod, crab, shrimp, shark, razor clams, Alaska Statewide Harvest Survey, Alaska Sport Fishing Survey, Statewide Harvest Survey, SWHS.

INTRODUCTION

Information on where sport fishing occurs, the extent of participation, the preferences of participants, and the species and numbers of major game fishes being caught and harvested¹ is essential for regulation and management of Alaska's sport fisheries and for total regulation, management, and harvest allocation for multiple-use fisheries. In addition, this information is needed for establishing priorities; for formulating policies; for budgeting; for planning and evaluating rehabilitation, enhancement, stocking, habitat protection, and access acquisition projects; for stock assessment; for forecasting; for gauging the economic and social significance of sport fishing; and for satisfying requests for information from individuals, special interest groups, governmental agencies, and the recreational industry.

Because of Alaska's vastness, meeting all these information requirements through the implementation of numerous onsite creel surveys throughout the state would be prohibitively expensive, thus an alternative program has been developed. Described herein are results from the thirty-third year of that program.

The Alaska Department of Fish and Game, Division of Sport Fish (SF) administers an annual survey of households where at least one person acquired some type of sport fishing license. Respondents were asked general questions about the size of their household and the number of people who procured a license and sport fished during 2009. Respondents were then asked to provide information about their fishing activities; where they fished, how many people fished, whether or not they utilized a charter/guide, and the species they caught and kept. Maps and definitions were provided to assist the respondent in accurately identifying where they fished and what species they caught.

¹ Harvest is defined as fish kept, whereas catch is defined as fish harvested plus fish released.

SECTION 1: ALASKA SPORT FISHING SURVEY 2009

OBJECTIVE

The primary objective of this project was to estimate participation, catch, and harvest for Alaska sport-caught species statewide, by area, and by fishery such that statewide estimates of participation and harvest would be within 15% of actual values 95% of the time.

The estimated harvests of sport fish are primarily interpretable as descriptive of the legal take for each fish species. There is no attempt to estimate illegal harvest of fish in Alaska. Specifically, individuals who fail to obtain a sport fishing license or are otherwise unauthorized to catch and harvest fish are not part of the sampling frame, and as such cannot be included in the estimation process.

METHODS

OVERALL STUDY DESIGN

Two types of surveys were conducted to estimate participation, effort, catch, and harvest for 2009 Alaska sport-caught fish. The Standard survey was conducted in a manner similar to the surveys that have been conducted annually since 1977. The Supplementary survey was conducted to obtain estimates of some parameters that could not be obtained from the Standard survey. Both surveys involved a stratified random sampling design, as described in general and in more detail in the appropriate subsections below.

The survey sample frame for both surveys was based on the list of 2009 sport fishing licenses sold, and on the 2009 file of Permanent Identification (PID) or Disabled Veteran (DAV) permit holders. A PID is a free license issued on request to Alaska residents of at least one year who are 60 years of age or older. A DAV is issued upon request and without charge to disabled veterans. Households were determined from a file combining the list of sport fishing licenses and the PID/DAV file based on a combination of names, addresses, type of residence, and age, and stratified by area of residence. Stratified random samples of households were selected for each survey type, and the associated questionnaire was sent to the selected households. Households that did not respond were sent first and second reminders and duplicate survey forms.

Records were kept of the response, nonresponse, or inability of the postal service to perform delivery for each household that was mailed a survey. The location codes for the various fisheries statewide included in completed surveys were verified and corrected as necessary on the original survey forms. Completed surveys with fishery location names that were written in without associated location codes were manually assigned location codes based on the project's database of valid sites. Any coding changes at this stage were annotated on the original survey form.

Data entry of the general information, catch, harvest, participation and effort data were completed by data processing personnel. The data were organized into a general information file pertaining to household size, license purchases and number of anglers, and a file of effort,

harvest and catch data. After data entry, the survey forms were scanned into computer file images for future review.

Computer editing procedures included checking species, location and effort, harvest and catch values, and compiling response summaries based on the mailings and reminder tallies. During this process, SF biologists were consulted to evaluate questionable data. Manual edits were annotated on the scanned images, and programmatic edits were tracked in computer listings.

The resulting edited values of harvest, catch and effort were averaged over all responses from the households sampled within each stratum. These averages were then expanded into preliminary total estimates for the overall sample frame based on the combined list of sport fishing licenses sold and PID/DAVs issued and mailing response summaries. Based on reviews of these preliminary estimates by SF biologists, survey data were researched and edited as necessary and final estimates were calculated from the final edited data.

SAMPLE SURVEY DESIGN

License Holder Identification

The source of the households selected to be sampled in this survey was a combination of the list of 2009 sport fishing licenses (Sport License File) and the file of PID and DAV permits. The Sport License File is a list of all sport fishing class licenses sold to individuals in Alaska that were valid for the 2009 calendar year. It was updated throughout the year as license sales were reported to the Licensing Section of the Division of Administrative Services. The PID/DAV holders list consists of all individuals who were issued a PID from 1987 through August of 2009 and of all individuals who were issued a DAV permit from 1998 through August 2009. Both PIDs and DAVs are issued by the Department of Fish and Game. A PID or DAV is valid for both hunting and fishing². Some PID/DAV holders may have not fished or hunted in 2009.

Angler Household Identification

Questionnaires (described below) were mailed to 47,000 sport fishing households from the incomplete 2009 sport fishing household computer file. This computer file consisted of identifying information for households with either: at least one individual who purchased a sport fishing license in 2009, or at least one individual holding a PID or DAV card. The definition of sport fishing households is the same as has been used since the 1994 survey year.

The sport fishing household list was termed ‘incomplete’ at the time of sampling because 1) most individuals who purchase sport fishing licenses or are issued PIDs or DAVs after August 2009 were not in the list, and 2) some of the names or addresses on the Sport License File were incomplete or illegible to the degree that they could not be used for sampling. PIDs can and have been re-issued under another number to the same individual. Newly issued PIDs were checked against existing PID information to identify duplicates. In addition, information from the prior year survey (updated address, mortality) was used to update the PID file. The same data checks that were applied to the PID files were applied to the records for DAV licenses. The identification of sport fishing households involved combining and processing the incomplete Sport License File and PID/DAV holder list. The processing described below was to identify individuals who were likely to be members of the same household as determined by the

² Both PID and DAV licenses are permanent and valid as long as the holder meets the requirement of Alaska residency.

similarity of such attributes as last names, mailing address, consecutive license numbers, etc. The identification process was assumed to be imperfect but was implemented in the interest of reducing the likelihood of sending multiple surveys to the same household and to obviate the need for more complicated and expensive estimation procedures.

The initial step of household identification involved reviewing the identifying information for licenses containing foreign and military addresses from the incomplete Sport License File. These licenses were reviewed for completeness, accuracy, and consistency. All other licenses, DAV, and PID holders with a U.S. address were processed for address validity by the commercial software package Smart Marketing Suite³.

Next, the list of license holders was ordered by license number. A substantial number of individuals from the same household purchased their licenses at the same time from the same vendor and same license booklet. This was particularly true for nonresident households. A program checked adjacent licenses for matching state, city, street address, and last names. Adjacent licenses with multiple matches were flagged as possible duplicate household members.

The list of license and PID/DAV holders was next ordered by state, city, street address, and last name. Adjacent members in this sorted list matching in all these fields were flagged as duplicate household members. Adjacent members in this list with matching street addresses but different last names or same last names and different street addresses were flagged as possible duplicates. Licenses flagged as possible duplicates were visually reviewed and a determination was made as to whether or not they constitute a household.

Once unique households had been identified, records for duplicate members from the same household were eliminated from the file to which the sample selection criteria were applied. Additionally, anglers who have self-identified that they never wish to participate in the Statewide Harvest Survey were also removed from the sampling frame. The remaining records – having been defined as unique households – were then split by strata (see Stratification section) and randomly drawn to participate in the mailout survey.

Stratification

As stated above, after the completion of the sport fishing household list, households were stratified into the following residential strata (based on their mailing address):

1. Alaska residents;
2. Other U.S. residents (including territories and other U.S. possessions);
3. Canadian residents; and
4. Other foreign residents.

These strata have been identified and defined so that each household within each stratum had an equal probability of being surveyed. Previous surveys have indicated that the response rates of these demographic groups differ sufficiently to justify stratification. Additionally, the sport fishing household file is incomplete at the time of the initial mailing and the degree of incompleteness differs for these strata (for example, the Other Foreign Residents stratum consistently has the highest degree of incomplete or illegible addresses). Accordingly, if a

³ Product name is included for complete description of process, and does not constitute a product endorsement.

simple random sample were used without stratification, the resultant combined probabilities of sample selection and response to the survey would differ for the individual households. This same stratification structure has been used since the 1993 survey.

Ideally, each sampling stratum should be surveyed when the corresponding sampling frame was nearly complete. However, delays in the return of late season license purchases by vendors and the subsequent entry of the data by the Licensing Section would result in an unacceptable delay in surveying households that purchase licenses earlier in the year. This issue has been addressed since 1999 using a split-sampling procedure. The split-sampling involves first sending questionnaires to households that purchased their licenses early⁴ in the calendar year as soon as those sales are entered relatively completely into the license file. Subsequently, the households with late⁵ license purchases were sent questionnaires later in the year, when they were better represented in the license file. During 2009, the geographic distribution (i.e., location of license sale) of the household computer file was deemed sufficiently representative at the time planned for the both resident⁶ and nonresident⁷ **early** license samples. The specifics of sample selection and schedule for surveying the residents and nonresidents are outlined below.

The mailing schedule called for grouping the sampling strata as follows (in terms of date of first mailing): 1) *Resident Early Mailing Group* included the **early** Alaska resident stratum, 2) *Resident Late Mailing Group* included the **late** Alaska resident stratum, 3) *Nonresident Early Mailing Group* included the **early** other USA, Canadian, and other foreign resident strata, and 4) the *Nonresident Late Mailing Group* included the **late** other USA, Canadian, and other foreign resident strata.

Sample Sizes

Sample sizes for each stratum were set based on historic sampling levels that have achieved the objective criteria for precision. The 2009 sample sizes were set using response data for the 2008 survey.

Sample size allocations were set to be proportional to the relative stratum sizes (number of households per stratum) as approximated by the average of estimated stratum sizes from the 2004-2008 surveys. Allocation of samples between the two survey types was set so that the expected responses from each type would be approximately equal. The resultant sample size and corresponding historic values, and expected response statistics follow (Tables 1.1 and 1.2).

⁴ Historically, the early license sales split-sample group is defined separately for the residents (Alaskan stratum) versus nonresidents (all other strata). In 2009, during the planning phases of the survey, the resident early split-sample group was defined as households with licenses purchased between January 1 and June 30, the nonresident early split-sample group was defined as households with licenses purchased between January 1 and July 17.

⁵ Defined during the planning for the 2009 survey as license sales after June 30 for residents and after July 17 for nonresidents.

⁶ "Residents" refers to the Alaska residents sampling stratum.

⁷ "Nonresidents" refers to the combination of the Other USA, Canadian and Other Foreign sampling strata.

Table 1.1.–Sample sizes, mailing numbers and responses for the 2009 Standard questionnaire mailings.

Mailing groups	Relative size of mailing group (average 2004-2008)	Number of households to be mailed standard surveys in 2009 (1st mailing)	Expected number of responses for 2009 after all reminders	Relative size of expected responses ^a	Number of responses for 2009 after all reminders	Relative size of responses ^b
Early Alaska Resident	29.59%	6,180	3,032	29.60%	2,869	28.31%
Late Alaska Resident	12.68%	3,570	1,297	12.66%	1,371	13.53%
Early Nonresident	28.86%	5,936	2,957	28.87%	2,843	28.07%
Late Nonresident	28.60%	7,448	2,957	28.86%	3,050	30.10%
Over All Strata	100.00%	23,134	10,243	100.00%	10,133	100.00%

^a Relative size of expected responses = expected number of responses for 2009 by mailing group divided by expected number of responses for 2009 over all mailing groups times 100%.

^b Relative size of responses = Number of responses for 2009 by mailing group divided by number of responses for 2009 over all mailing groups times 100%.

Table 1.2.–Sample sizes, mailing numbers and responses for the 2009 Supplementary questionnaire mailings.

Mailing Groups	Relative size of mailing group (average 2004-2008)	Number of households to be mailed standard surveys in 2009 (1st mailing)	Expected number of responses for 2009 after all reminders	Relative size of expected responses ^a	Number of responses for 2009 after all reminders	Relative size of responses ^b
Early Alaska Resident	29.59%	6,504	3,032	29.60%	2,924	28.26%
Late Alaska Resident	12.68%	3,562	1,297	12.66%	1,331	12.87%
Early Nonresident	28.85%	6,256	2,959	28.87%	2,941	28.43%
Late Nonresident	28.85%	7,544	2,958	28.87%	3,149	30.44%
Over All Strata	100.00%	23,866	10,246	100.00%	10,345	100.00%

^a Relative size of expected responses = expected number of responses for 2009 by mailing group divided by expected number of responses for 2009 over all mailing groups times 100%.

^b Relative size of responses = number of responses for 2009 by mailing group divided by number of responses for 2009 over all mailing groups times 100%.

Sample Selection

Sample selections for the two surveys (Standard and Supplementary) were not independent. Additionally, all strata were sampled with the split-sample approach as noted above. The Sport License File available in mid-September for the Alaska Resident sample selection contained comparatively few sales that occurred after June 30. Accordingly, July and beyond sales were not well represented on the file and the following approach was used for the resident sample selection. Based on historic sales information, July and beyond resident license sales represent about 30% of the total annual resident license sales. Thus, 70% of the total resident sample was selected from the January through June sales on the Sport License File available in early September 2009, representing the **early** group. The remaining 30% of the sample was drawn from a version of the Sport License File that was available in late December 2009 and included

only those households that purchased licenses after June 30, 2009 representing the **late** group. Households selected in the 70% **early** sample were excluded from selection in the final **late** sample.

Similarly, the Sport License File available at the end of October for the nonresident sample selection contained relatively few sales that occurred after July 17, 2009. Accordingly, sales beyond that date were not well represented on the file, and the split-sample approach was again used to address this issue. Based on historic sales information, January through mid-July nonresident license sales represent about 50%, where sales beyond mid-July represent about 50% of the total annual nonresident license sales. Thus, 50% of the total nonresident sample was selected from January through July 17 **early** sales in the file available at the end of October. The remaining 50% of the sample was taken from sales after July 17, 2009 (**late**) on the license file that was available in early January 2010. As with the resident sample selection process, households selected in earlier split-sample groups were subsequently excluded from selection for the later split-sample groups.

To avoid sending any individual household more than one type of survey (to reduce respondent burden) the samples were drawn for each stratum and split-sample group. The example below describes the process for early license sales Alaska Residents stratum:

- Randomly selected, without replacement, 12,684 households from the Alaska resident households in the incomplete sport fishing household file for **early** license sales.
- Then randomly selected, without replacement, from these 12,684 (selected) Alaskan resident households, a total of 6,180 households. These represent the households that were sent the Standard survey form.
- The remaining 6,504 Alaskan resident households from the 12,684 (selected) were sent the Supplementary survey form. Of these 6,504 households, 3,252 were sent the Supplementary questionnaire that had the guided/chartered questions first⁸. The remaining 3,252 were sent the other version of the Supplementary questionnaire with the guided/chartered questions listed second.

Mailing Schedule

Reminder letters and questionnaires were mailed to first-time and second-time nonrespondents for all resident split-sample groups and the *early mailing group* of the nonresident strata. **First-time** nonrespondents for the *late mailing group* of the nonresident strata were mailed a reminder letter and survey. No reminder letter was mailed to **second-time** nonrespondents of the *late mailing group* of the nonresident strata. This resulted in the first and last mailings occurring on November 9, 2009 and April 7, 2010, respectively (Table 1.3). The rationale for using multiple waves of questionnaires is described by El-Badry (1956).

⁸ The two different forms of the Supplementary questionnaire are described later in this report.

Table 1.3.–Mailing schedule for the 2009 survey.

Residency	Mailing number	Labels drawn	Surveys to Post Office	Days for household response ^b
Resident	1 – early ^a	10/21/09	11/09/09	
	1 – late ^a	01/06/10	01/15/10	
Nonresident	1 – early	11/18/09	12/07/09	
	1 – late	01/27/10	02/16/10	
Resident	2 – early	12/08/09	12/21/09	31
	2 – late	02/17/10	02/25/10	33
Nonresident	2 – early	01/20/10	02/01/10	44
	2 – late	03/16/10	03/31/10	28
Resident	3 – early	01/20/10	02/01/10	31
	3 – late	03/31/10	04/07/10	34
Nonresident	3 – early	03/02/10	03/11/10	29
	3 – late ^c			

^a “Early” and “late” refer to split-sampling mailouts for households that purchased licenses early versus late in the year as explained earlier in this report.

^b Difference between date of previous mailing delivered to Post Office and date labels for current mailing are drawn.

^c In previous years a substantial number of responses to the 1st and 2nd mailing for the Nonresident mailing groups would be received after sending the same households the corresponding reminder. Accordingly, as in 2006-2008, the third mailing for 2009 (second reminder) was dropped for the Late Nonresident mailing group, to allow for more time for response between mailings and still produce estimates by the June 2010 time frame. As noted above, the initial (first mailing) sample sizes were expanded upwards for this mailing group to compensate for the loss of response that would have been expected to result from a third mailing.

Prior to the 2006 survey, all strata (and the corresponding mailing groups) were all sent three mailings. In order to send out three mailings for the Nonresident mailing groups and still receive all responses by April-May of the following year, the days to respond to the previous mailing was shortened to a level that has subsequently deemed to be inadequate. The various Nonresident Mailing groups’ households by definition are expected to receive questionnaires after a greater lapse of time than the corresponding Resident Mailing groups. Similarly, receipt of their responses takes longer to transit by the mail to be received for processing. In previous years a substantial number of responses to the 1st and 2nd mailing for the Nonresident mailing groups would be received after sending the same households the corresponding reminder. Accordingly, starting in 2006 and continuing with this year, the third mailing (second reminder) was dropped for the Late Nonresident mailing group, to allow for more time for response between mailings and still produce estimates by the June 2010 time frame. The initial (first mailing) sample sizes were expanded upwards for this mailing group to compensate for the loss of response that would have been expected to result from a third mailing. Estimation procedures have been adapted to address this change in study design, and are outlined under the Data Analysis heading.

DATA COLLECTION – QUESTIONNAIRES

Data were collected regarding 2009 sport fishing activities through the use of mail questionnaires. While commercial or subsistence data were not requested, personal use finfish dipnetting and shellfish harvest and participation data were collected. Space in the questionnaire was also provided for respondents to comment on ways to improve sport fishing in Alaska.

As stated earlier, stratified random samples of the sport fishing households were used to estimate participation, effort, catch and harvest. Standard survey-questionnaires (described below) were mailed to 23,134 (Table 1.1) sport fishing households from the incomplete 2009 sport fishing household file for the first mailing, with reminder letters (Appendices A3 and A4) and questionnaires mailed to first-time and second-time nonrespondents as described previously (Table 1.3). A total of 23,866 (Table 1.2) Supplementary Survey-questionnaires were mailed to sport fishing households on the same schedule.

Standard Survey

The 2009 Standard survey questionnaire was essentially the same layout as used in 2008. Minor revisions to the survey from 2008 were made to address a variety of information needs identified during an internal review by SF biologists. Personal Use finfish information was collected solely as a placeholder, to prevent this information from being mistakenly recorded as sport fishing information. A final 2009 questionnaire was included (Appendix A1) and consisted of a cover letter; the Standard survey booklet (which provided instructions, area descriptions, maps, and pages on which to record participation, catch and harvest by area); and a postage paid return envelope. Also included with the Standard survey was a full-color index of fish species with pictures and descriptions to aid the respondent in the identification of fish harvested (Appendix A7) and serving as an incentive to participate in the survey.

Sport fishing participation, catch and harvest data for finfish and shellfish were collected for all areas and fishing locations in the state (Figure 2.1; Table 2.1). Participation and harvest for personal use dip-net caught fish were collected for appropriate fisheries statewide. Catch and harvest data were collected on a site and species basis; whereas the number of anglers, number of trips, and number of days fished were collected on a site-specific basis only.

Each mailing of the Standard survey had a cover letter and was printed with different color ink. The cover letters for all mailings bore the signature of the Director of the Division of Sport Fish (Appendices A2–A4).

Supplementary Survey

The 2009 Supplementary survey questionnaire was essentially the same layout as used in 2008. As noted above, other minor revisions to the survey from 2008 were made to address a variety of information needs identified during an internal review by SF biologists. The questionnaire consisted of two parts; a Mapsite Booklet that contained area descriptions, maps, fishing site names and numbers, and fish size categories (Appendix A6); and a multi-page form with a cover letter, instructions, and space in which to record the household's sport fishing information (Appendix A5). Also included with the Supplemental Survey was a full-color index of fish species with pictures and descriptions to aid the respondent in the identification of fish harvested (Appendix A7).

As noted above two different versions of the questionnaire were used in 2009 as was done in 2008 (with the order of guided/charter related fishing activities reversed). One of the versions of the Supplementary questionnaire used in 2009 is included in Appendix A5.

The 2009 Supplementary survey questionnaire had the following main sections:

- Saltwater sport fishing, charter;
- Saltwater sport fishing, non-charter;
- Freshwater sport fishing, guided;
- Freshwater sport fishing, non-guided;
- Personal Use Dipnetting (salmon only), guided;
- Personal Use Dipnetting (salmon only), non-guided;
- Shellfish, guided; and
- Shellfish, non-guided.

The Supplementary survey booklet included a definition for chartered/guided. The Saltwater Sport Fishing pages provided additional information for exact specifications of large vs. small Chinook “King” salmon *Oncorhynchus tshawytscha* based on where fish were caught.

Catch and harvest data were collected on a site- and species-specific basis; whereas the number of anglers, number of trips, and number of days fished were collected on a site-specific basis only. Personal use finfish information was collected solely as a placeholder, to prevent this information from being mistakenly recorded as sport fishing information.

Each mailing of the Supplementary survey had a cover letter and was printed with different color ink. The cover letters for all mailings bore the signature of the Director of the Sport Fish Division.

For species or sites fished that were not printed in the survey questionnaire, the respondent was requested to write the species and site name in the space provided.

DATA HANDLING AND ENTRY

Response Review and Coding

The returned surveys were reviewed and coded by project staff before data entry. This coding involved:

- Transfer of the fishing license number to the General Questions page and to each harvest page containing information;
- Review and coding of all entries per specified procedures;
- Mapping of new sites (i.e., names of fishing sites that anglers wrote in, but that do not yet have a designated site code) to the proper geographic areas; and
- Maintenance of a breakdown table by area of the Other Species category.

Additional review and coding processes were conducted following data entry to address issues related to the data collected from responses to the General Questions Page (Page 3 of all booklet types; see Appendices A1 and A6). The review and coding processes are summarized below:

- If there were participation, catch and harvest data, but no information on the General Questions page, the fishing license number was still transcribed and entered into the database. If a questionnaire was returned completely blank, the license number was written on the General Questions page to be captured.
- Unless there were supportive written comments that were specific (e.g., “None”, which was coded as zero), all blank fields were left blank and not coded.
- General question 1A asked for the number of household members that purchased a sport fishing license, including those who did not fish. A sport fishing license is required of all persons 16 years of age or older while sport fishing, including digging razor clams.
- General question 1B asked for the number of household members that purchased a sport fishing license (1A) AND who also sport fished. Occasionally respondents erroneously included household members under age 16 or age 60 and over that fished.
- General question 2A asked for number of household members under age 16 who sport fished. A sport fishing license is not required of persons under 16 years of age.
- General question 2B asked for number of household members that area Alaska residents 60 years of age or older who hold a PID, or DAV for Alaska sport fishing. If no response was given, the space was left blank.
- General question 2C asked for the number of PID or DAV card holders who sport fished. If no response was given, the space was left blank.
- General question 3 asked for the total number of household members in the household that sport fished in Alaska during 2009.
- In both the Standard and Supplementary surveys, there was a space provided for comments on sport fishing in Alaska and for suggestions on how to improve it in the future. If a questionnaire was returned without any response to the general questions (i.e., blank) and no supportive written comment, yet there are pages of data, parameters 1A and 1B were identified for possible correction (as described below: Computer Based Editing).

Review guidelines and coding procedures followed related to the site-specific reporting of participation, catch and harvest were as follows:

- Instructions requested that both the number of fish caught and the number of fish kept be reported in the labeled columns. If the reported catch was less than the reported harvest, the numbers were reversed.
- If a write-in species of fish was reported, the data coder checked to see if it could be transferred to one of the labeled species columns. A list of species synonyms is on file (Table 2.1). A list of write-in species that cannot be transferred is maintained by the data entry software. If no harvest was reported or if the species was not a fish or shellfish (e.g., seals), it was not captured.

- Each fishing site in the survey responses is usually represented by a unique location code in the annual electronic survey sites file. Occasionally, there were responses where a new fishing site was written in. The specific locations and geographic coordinates of these previously unreported fishing sites were identified with National Geographic's TOPO[®] software. If not available in TOPO, these sites were located using Orth (1971) or the Alaska Department of Fish and Game (ADF&G) Internet stocked sites listings database. SF biologists were asked to provide maps, coordinates, and other relevant information for sites not found with the above sources. For each new site, a unique location code was assigned, and the location code was added to the survey sites file (Sites File) along with the site name, latitude and longitude, water type and fish type, codes for valid species, land-locked and stocking status, and comments pertaining to this new fishery. When applicable, valid species were verified through the Anadromous Waters Catalogs (Johnson and Weiss 2010 *a-f*). Each new location code was written adjacent to the write-in fishing site in the questionnaire. New sites are being added to an Arcview-based GIS currently under development.

Data Entry

Following review and coding, data entry of the general information, catch, harvest, participation, and effort data were completed by data processing personnel. Data entry instructions are reviewed and updated annually.

For general purposes the questionnaires are viewed as two record types: 1) general information; and 2) harvest, catch, effort and participation information.

Continuously throughout the data entry process, the data were reformatted into two fixed record length tables. The general information table contained the following information from the General Questions page of the survey:

- The number of people in the household who purchased sport fishing licenses,
- The number of those who purchased a license AND sport fished.
- The number of PID/DAV holders that are members in the household,
- The number of members under age 16 not required to purchase a sport fishing license in the household, and
- The number of PID/DAV holders, and household members under age 16, who sport fished in Alaska during 2009.

The harvest information table contains information about each occurrence of fishing indicated by any household angler:

- Where the fishing took place (site),
- Whether it was freshwater or saltwater (watertype),
- Whether it was chartered / guided (available only from the Supplemental survey format),
- Whether it was from boat or shore,
- The number of household anglers who fished at that location,
- The number of household trips to that location,
- The sum of each household angler's days fished at that location, and
- The number of fish caught and kept - by species – at that location.

Survey Forms Image Scans

Upon completion of data entry, each survey questionnaire was scanned in color and output as an image file. These images were then accessed from a desktop computer via selection of the survey ID number. This approach allowed images of questionable records to be retrieved electronically, rather than by sorting through boxes to find the paper original. The interface also allowed project staff, primarily research analysts, to add comments about post data-entry interpretation of the record. Once estimation was completed, the image files were archived and transferred to CDs for long-term storage. Paper surveys were recycled.

Computer-Based Editing

While some response errors were detected by the data coders (e.g., information recorded on the incorrect Area page), the majority of problems were dealt with via computer-based editing programs. The edit programs checked the data records for incorrect fishing site codes; inconsistent and potentially incorrect relationships between the number of members in the household, the number of anglers, number of trips, and number of days fished; fish harvest or catch at a site where that species is not known to be found; and data that indicate a higher than legal harvest. A summary of the computer-based editing follows.

Edits to General Information

A computer edit program checked to see that line 1B (Number of persons recorded in 1A who sport fished in Alaska in 2009) was less than or equal to line 1A (Number of persons in your household who purchased a 2009 sport fishing license, including those who did not fish in Alaska).

Occasionally respondents filled in the general questions with zero (indicating that no anglers fished in that household) AND subsequently completed data pages indicating that sport fishing occurred. A computer edit program checked to see if there were completed data pages. If this occurred, the zeros on the general information page were replaced with the number of angler information from the completed data pages (harvest record).

The General Questions responses were also processed to compute a maximum number of household anglers who fished (TOTFSHRS). There were a variety of TOTFSHRS adjustments for situations where components were missing, exceeded 10 TOTFSHRS, or where the components exceeded the number of PIDs or license holders in the household. A check was made to verify that responses to questions 2A-2B on the general information page of both survey formats were not recorded as a subtotal in 2C. If there were further discrepancies, household anglers who fished (HHFSHRS; response to General Question 3) was used to adjust TOTFSHRS. If none of this information was complete for the survey response, the largest number of anglers reported fishing at any site for this response was used for TOTFSHRS.

After all adjustments were completed and TOTFSHRS was calculated, any value for number of anglers on a reported harvest record that exceeded TOTFSHRS was set equal to TOTFSHRS. No adjustments were made to other effort variables, catch, or harvest data during this step.

The first check for the participation, effort, catch and harvest data were to ensure for each species that when harvest was greater than catch that catch was set equal to harvest. Also, records with razor clam and hardshell clam harvest equal to 0 and catch greater than 0, the harvest was set equal to catch.

Programs were then used to examine the participation variables of number of anglers (NA), the effort variables of number of trips (NT), and days fished (DF) and imputed missing values. One goal was to only change those fields with missing information and to not modify reported data. At the culmination of this process there were no 0 values (or blanks) for NA, NT, and DF in any records with reports of catch or harvest. To accomplish this, two passes were made through the data. The first pass used only those data records that were not missing one or more values for the NA, NT and DF variables, and for which $NA \leq DF$. For each site code, these records were then categorized as local and non-local⁹ to ultimately obtain an average trip length (AVG TRIP) in days fished. The general process was to impute missing values for NA first followed by DF, then NT.

- $NA = 0$:
 1. If $NT > 0$ and $DF > 0$ and $TOTFSHRS > 0$, then replace NA with TOTFSHRS.
 2. If $NT > 0$ and $DF = 0$, then NA and DF were replaced with TOTFSHRS.
 3. If $NT = 0$ and $DF > 0$, then NA was replaced with $\text{MIN}(TOTFSHRS, DF)$; NT was imputed later.
 4. If $NT = 0$ and $DF = 0$, then NA and DF were replaced with TOTFSHRS and NT was imputed later.
- $NA < 0$
 1. $NA > DF$ and $DF > 0$, then DF was replaced with NA.
 2. $NA > 0$ and $DF = 0$, then DF was replaced with NA.
- At this stage in the editing process both NA and DF have values > 0 , If $NT = 0$, then it was replaced with $(DF / NA) / \text{AVG TRIP}$ depending on angler category (i.e. local or non-local). If $NA < NT$ and $DF < (NA * NT)$, DF was replaced with the greater of DF or NT.

This approach for imputing missing data items was somewhat biased compared to a more principled approach to imputation. A comparison of ad hoc mean imputation for each missing value (for NA, DF, and NT) with a multiple imputation approach using Monte Carlo Markov chain data augmentation procedure (MI-MCMC) for the 1999 survey, indicated the missing data mechanism was missing completely at random (MCAR) (Rubin 1987, Schafer 1997). Accordingly, ignoring the missing data would be justified in this case. However, due to interdependencies between these effort variables and later data checks in the data processing sequence, it was determined that imputation was necessary to avoid overall biases in estimates of participation as well as catch and harvest parameters. The results from the imputation procedure outlined above compared favorably with both the simple mean imputation and the MI-MCMC imputation. Accordingly, the simpler approach, as described above, has been followed.

Edits to Harvest and Catch

Misidentified Species

The next data check identified records with species reported as caught or harvested that are not known to occur at a location. The general approach was to change the reported species to a species that does occur at the specific location based on guidance that was historically provided

⁹ An angler household that resides within the area where the site occurs is local; all other anglers are non-local. Thus, under this definition, some Alaska residents would be grouped with nonresidents in the non-local group.

by SF biologists. If no specification for changing a species existed for the site, it was considered an invalid species for the location. Records containing invalid species were listed and manually reviewed.

In some cases, invalid species corrections were simple. Several invalid species records included cases where the anglers harvested only razor clams, but harvested them from a boat site. The edit programs were revised to move these records to the equivalent shoreline sites. The edit programs also changed anadromous coho salmon harvested from landlocked lakes stocked with landlocked salmon to landlocked salmon.

The remaining flagged records were checked against notes taken from contacts with SF biologists in previous years whose comments have been translated to a misidentification field in the annual sites file. Additional sources of information such as division reports, the ADF&G stocking database, the Anadromous Waters Catalog, and ADF&G Emergency Orders were also consulted to determine the validity of a species. Based on this review, edit programs and the annual sites file were updated.

Finally, SF biologists were contacted concerning species that could not be confirmed as either correct or incorrect by the above approach. In some cases the respondent may have recorded the harvest in the wrong site. In other cases the respondent may have misidentified the species. If there were two or more possibilities for what the correct response should be, and none of the possibilities seemed more likely, then the species harvest and catch were zeroed out. Considering the possibility that species may be present that have not been previously encountered, and that species might move to new waters (i.e. Northern pike in Southcentral Alaska), some of these records were left unaltered. In any of these cases, the biologist's opinion was followed and recorded, and the edit programs were updated to reflect their recommendations.

A list of 'other fish' write-ins was reviewed to determine if any species were recorded by several respondents for a location. When this occurred, area staff were contacted to determine the validity of the species in that location.

Legal Harvest

The objectives for this survey were directed at the estimation of legal sport harvest, under the assumptions that; 1) most respondents voluntarily stay within legal harvest limits, 2) respondents that purposely fail to stay within legal limits would not be expected to voluntarily report their illegal activities, and/or 3) individuals who fail to obtain a sport fishing license or are otherwise unauthorized to catch and harvest fish are not part of the sampling frame, and as such cannot be included in the estimation process. Therefore, reported harvest was checked against an annually updated database of daily and seasonal bag limits. Information on number of anglers, days fished, and angler residency was taken into account when editing records so they did not exceed the maximum legal harvests.

Listings of records flagged as exceeding legal bag limits were reviewed to compare the area and/or site specific sport fish harvest regulations for the year. Each rejected record was checked. If some records were rejected for harvests that actually fell within the site's bag limits, the records were noted for further review and the edit program was revised and rerun.

There is some circumstantial evidence that the reports of apparently illegal harvest of small Chinook salmon were misreports of large Chinook salmon in Southeast Alaska waters¹⁰. Yet lacking strong evidence to the contrary, the assumption was that these were illegal harvest of small Chinook salmon and thus harvests were reduced to legal limits for the size category and location fished.

Outlier Detection

After misidentified species edits and legal harvest limits had been applied, outliers were identified. Because harvests above legal limits had already been reduced to legal harvest, and catch values were unaltered, outlier detection focused on effort and catch.

Scatter plots were generated for each species' catch and average catch per angler day versus angler days fished at the survey area level. An annual 'outlier' file identifies values above which the catch rate for each species at a given survey area flags the record as an outlier candidate. If a record was flagged, the survey image scan was reviewed to verify data entry, look for supporting comments, check effort, and review the validity of the site or species. Unless there were data entry errors or obvious effort recording problems, SF biologists were consulted to determine whether the record was an outlier, or if it was related to subsistence or personal use fishing. If the catch rates seemed high, but were determined reasonable by the biologist, the annual outlier file was edited to reflect larger catch rate thresholds. Most survey areas contain some sites with exceptionally high catch rates. These sites and their maximum catch rates were identified by SF biologists and were integrated as 'exceptions' to the outlier checks in the outlier detection program, along with explanations in the program code.

Scatter plots were also generated for Number of Anglers and Number of Trips versus Angler Days fished at the survey area level. These plots were checked for unusually large effort and participation values in view of residence, guided fishing, and geographic area. As with the catch outlier candidates, scans were checked for records with unusually large effort and SF biologists were consulted as needed.

If a record was determined by a SF biologist to be an outlier, the entire record was removed. On average, this affects only 10–20 harvest file records out of 35,000+ records per year.

The editing programs described above produced listings that identified all changes made, record by record. This information was maintained in electronic form. Editing programs included comments/annotations explaining the nature of the code, identifying changes made from previous years, and issues that need to be addressed. If edits were made in the data entry screens rather than in editing programs, the associated survey image scans were annotated with electronic tags explaining the updates. The above three computer editing steps were performed iteratively until all identified errors and data issues had been corrected.

¹⁰ During on-site surveys of select locations within Southeast Alaska (see Hubartt et al. 2002) the observed harvest of small Chinook salmon in fisheries where the taking of small Chinook salmon was illegal was negligible, if not nonexistent. It is supposed that some respondents to the mail survey mistakenly report their legal harvest of large Chinook salmon as the incorrect small Chinook salmon, since separate columns were used for the reporting of small versus large Chinook (see Appendices A1 and A5).

Calculation of Estimates

The procedure for calculation of the catch, harvest, and participation estimates required the following information from each household for the period of January 1 through December 31, 2009: 1) the number of licensees; 2) participation (number of anglers, trips, and days fished); and 3) number of fish caught and number of fish harvested by species and site. This information was pooled across both questionnaire types and split-samples within each residential stratum, then the catch or harvest for each species or participation for each site for each stratum was estimated by:

$$\hat{Y}_{hk} = \hat{N}_h \hat{R}_s \frac{\sum_{i=1}^{q_s} \sum_{j=1}^{n_{hi}} y_{hijk}}{\sum_{i=1}^{q_s} n_{hi}} \quad (1)$$

where:

- \hat{Y}_{hk} = estimated total catch, harvest or participation for residential stratum h within site k ;
- y_{hijk} = catch, harvest or participation at site k by household j responding to mailing i within residential stratum h ;
- q_s = number of mailings sent to households within each of the mailing groups (denoted by “ s ”), set to 3 for the early and late resident mailing groups as well as the early Nonresident mailing group, and set to 2 for the late Nonresident mailing group;
- n_{hi} = number of households responding to the mailing i within residential stratum h ;
- \hat{N}_h = estimated number of households with at least one fishing license holder in 2009 for residential stratum h , calculated as:

$$(M_h + P_h) \hat{V}_h; \quad (2)$$

- M_h = number of license holders residing in residential stratum h in 2009;
- P_h = equaled the total number unique Alaska residents holding a valid PID or DAV card (note that this term is only valid for the Alaska resident stratum (and specifically just the *Early Resident Mailing Group*), accordingly the value is set to zero (0) for the other mailing group’s corresponding strata);
- \hat{V}_h = the estimated ratio of the number of households to license-holders and PID or DAV holders for each residential stratum, calculated from the respondents to the survey as:

$$\frac{\sum_{i=1}^{q_s} n_{hi}^\dagger}{\sum_{i=1}^{q_s} \sum_{j=1}^{n_{hi}^\dagger} (m_{hij} + p_{hij})}; \quad (3)$$

- n_{hi}^\dagger = the number of respondents to mailing i within residential stratum h who answered the questions regarding the number of sport fishing license and PID or DAV holders;

- m_{hij} = the reported number of sport fishing license holders in household j for mailing i within residential stratum h ;
- p_{hij} = the reported number of individual PID or DAV holders for household j for mailing i within residential stratum h ; and
- \hat{R}_s = Nonresponse ratio for each mailing group s where each mailing group represents a combination of the strata as follows:
- Resident Early, which only includes the Early Alaska stratum;
 - Resident Late, which only includes the Late Alaska stratum;
 - Nonresident Early, which includes the Early license sale groups for the Other USA, Canadian, and Other Foreign residential groups; and
 - Nonresident Late, which includes the Late license sale groups for the Other USA, Canadian, and Other Foreign residential groups.

The \hat{R}_s were obtained by simulation based upon exponential regression models for those households which did respond (analogously to the procedures outlined by Drane et al. 1973). The exponential regression model that is used has been shown over the years of the survey to fit the observed responses over the three mailings, and it essentially corresponds to the demonstrated relationship that nonrespondents tend to fish less frequently than respondents (Brown and Wilkins 1978; Leinonen 1988; Tarrant et al. 1993; Fisher 1993). The values of \hat{R}_s are as noted above are unique for each of the mailing groups. Note, that as noted in the procedures outlined below the value of \hat{R}_s for the Late Nonresident mailing group involves use of response information from the Early Nonresident mailing group as a “proxy” to compensate for not sending a third reminder to this mailing group.

The two exponential regression models were:

$$\ln(n_{si}) = \alpha'_s + \beta'_s i + \varepsilon'_{si}, \quad (4)$$

for $i = 1, 2, 3$; and

$$\ln(r_{si}) = \alpha''_s + \beta''_s i + \varepsilon''_{si}, \quad (5)$$

for $i = 1, 2, 3$;

where:

n_{si} = number of households that responded to mailing i for mailing group s ;

r_{si} = mean participation or harvest for a species, over all sites by respondents to mailing i for mailing group s ;

and ε'_{si} and ε''_{si} are normal variates with mean 0 and variance $\sigma_s'^2$ and $\sigma_s''^2$, respectively.

Parameters α'_s , α''_s , β'_s , and β''_s were estimated using the method of least squares (Draper and Smith 1981). The form of the regression models used was chosen during previous Alaska statewide mail surveys conducted in a similar manner. The chosen form was demonstrated to fit the patterns of response for the respondents to the three mailings. The set $\{n_4, n_5, \dots, n_I\}$ was estimated from regression 4, and the set $\{r_4, r_5, \dots, r_I\}$ was estimated from regression 5, where I

was the simulated mailing at which the following criterion was met (this criterion was not always met, in these cases an infinite series equality was used as described below, see equations 13 and 14):

$$\sum_{i=1}^{q_s} n_{si} + \sum_{i=(q_s+1)}^I \tilde{n}_{si} = n_s \quad (6)$$

where:

$$\tilde{n}_{si} = \text{Simulated number of households responding to the simulated mailing } i, \text{ for } i = 3 \text{ or } 4, 5, \dots, I, \text{ for mailing group } s, \text{ calculated as: } e^{(\alpha'_s + \beta'_s i)}; \text{ and} \quad (7)$$

n_s = the number of households sampled for mailing group s .

All regression models were evaluated for lack of fit using plots of observed and predicted values for each parameter. If any serious lack of fit was evident, which can be the case for some of the statistics for subspecies, then grouping of species was used to estimate the nonresponse model for these groups.

The term \hat{R}_s was calculated as follows:

$$\hat{R}_s = \frac{\theta_s \bar{Y}_s + (1 - \theta_s) \tilde{Y}_s}{Y_s}; \quad (8)$$

where:

θ_s = ratio of the number of observed respondents to the total of observed respondents and “simulated” respondents for mailing group s , calculated as follows:

$$\frac{\sum_{i=1}^{q_s} n_{si}}{\sum_{i=1}^{q_s} n_{si} + \sum_{i=(q_s+1)}^I \tilde{n}_{si}} \quad (9)$$

\bar{Y}_s = the reported average participation or harvest of a particular species over all locations throughout the state for all responding households within each mailing grouping s , calculated as:

$$\frac{\sum_{i=1}^{q_s} \sum_{j=1}^{n_{si}} y_{sij}}{\sum_{i=1}^{q_s} n_{si}}; \quad (10)$$

y_{sij} = reported participation or harvest of a particular species over all locations throughout the state for responding household j for mailing i within mailing grouping s ;

\tilde{Y}_s = the simulated average harvest of a particular species over all locations throughout the state for all households simulated to respond to simulated mailings within each mailing grouping s , calculated as:

$$\frac{\sum_{i=(q_s+1)}^I \tilde{n}_{si} \tilde{r}_{si}}{\sum_{i=(q_s+1)}^I \tilde{n}_{si}}; \quad (11)$$

\tilde{r}_{si} = simulated harvest of a particular species over all locations throughout the state for all households simulated to respond to the simulated mailing i within mailing grouping s , calculated using the parameters obtained from regression 5, as:

$$e^{(\alpha_s'' + \beta_s'' i)} \quad (12)$$

Note that for the values for \tilde{n}_{si} and \tilde{r}_{si} calculated by equations 7 and 12 or the Nonresident Late mailing group will be calculated using the regression model developed for the Nonresident Early mailing group.

If the criterion defined in equation 6 was not met, then the term I was set to infinity, and the following infinite series equality (Gradshteyn and Ryzhick 1980, page 7, equation 0.231.1) was used to calculate the numerator of equation 11:

$$\sum_{i=(q_s+1)}^I \tilde{n}_{si} \tilde{r}_{si} = \frac{e^{(\alpha_s' + \alpha_s'')}}{1 - e^{(\beta_s' + \beta_s'')}} - e^{(\alpha_s' + \alpha_s'')} - \left(\sum_{i=1}^{q_s} e^{(\alpha_s' + \beta_s' i + \alpha_s'' + \beta_s'' i)} \right) \quad (13)$$

Similarly, the denominator in equation 11 was calculated by:

$$\sum_{i=(q_s+1)}^I \tilde{n}_{si} = \frac{e^{\alpha_s'}}{1 - e^{\beta_s'}} - e^{\alpha_s'} - \left(\sum_{i=1}^{q_s} e^{(\alpha_s' + \beta_s' i)} \right) \quad (14)$$

Note, the regression parameters used above for the Resident Late mailing group involved use of the regression parameter estimates from the Resident Early mailing group.

The estimating equations outlined above are the same as used in 2006 through 2008, and similar to those used in years prior to 2006 (with the exception of the modifications of calculations related to only sending one reminder to the strata in the Nonresident Late mailing group).

Standard errors for participation, catch, and harvest estimates were calculated using a bootstrap resampling procedure (Efron and Tibshirani 1993) with 1,000 replications.

Review and Finalization of Estimates

The following guidelines (Mills and Howe 1992) provided a basis for evaluating the utility of statewide survey estimates and for determining at which level of detail estimates would be published:

- Other than to document that sport fishing occurred, estimates based on fewer than 12 responses at a given site should not be used;

- Estimates based on 12 to 29 responses can be useful in indicating relative orders of magnitude and for assessing long-term trends; and
- Estimates based on 30 or more responses are generally reliable.

Estimates for individual sites that did not match these criteria were combined (aggregated) with other sites of a similar type within a geographic hierarchy for publication purposes.

Preliminary estimates were summarized into effort, harvest and catch reports at the survey area and location code level for each species. These ‘detail reports’ were made available to SF biologists via an Intranet site for review of the estimates. The estimates were also summarized by species and survey area and compared to the previous five years of estimates. During this preliminary review period, biologists provided feedback on the data and problems were researched and edited. Changes or corrections recommended by biologists were incorporated into the database(s) as appropriate, and an electronic spreadsheet was created keeping track of all changes during the review period. After conclusion of the review period, the entire computer-based editing and estimation process was re-run to generate final estimates.

An annual sites database (Sites File) including the following information recorded by site was maintained and updated based upon the edits, containing:

- Site code value;
- Site name;
- Hierarchy site code;
- Report code value;
- Type of fishing;
- Valid species for site;
- Latitude-longitude of site; and
- Commonly misidentified species list.

The final effort, harvest and catch estimates were also summarized by survey group (resident and nonresident) for each location code.

After all edits and data summaries were completed, the resulting current year estimate files were appended into the historic SQL server Estimate Database to facilitate miscellaneous updates and for the production of various tables used in the Alaska Sport Fishing Survey Report and other divisional reports. The database is composed of several working subsets of the data, including Number of Angler estimates at various aggregation levels, published reports, detailed reports, and estimates at the location code and residence (residents and nonresident) level. Annual, intermediate files are stored separately on the network.

RESULTS

SURVEY PERFORMANCE

Delivery Success

Considerable time was spent reviewing and correcting addresses in both the Sport License and PID/DAV files throughout the year. The U.S. Postal Service mandated the use of an address forwarding process in 2009 that updated addresses from our sample that have recently changed. These efforts contributed greatly to the 97.6% delivery success for the survey booklets in 2009 (Table 1.4).

Table 1.4.–Rate of delivery success by survey type, strata, and mailing, 2009.

Survey Type	Mailing Group	Total Mailed	Total Nondeliverable	Percent Successful
Supplemental	Nonresident Early	13,939	181	98.7%
	Nonresident Late	12,567	183	98.5%
	Total - Nonresident	26,506	364	98.6%
	Resident Early	14,002	617	95.6%
	Resident Late	8,472	191	97.7%
	Total - Resident	22,474	808	96.4%
	Total		48,980	1172
Standard	Nonresident Early	13,207	180	98.7%
	Nonresident Late	12,505	180	98.6%
	Total - Nonresident	25,712	360	98.6%
	Resident Early	13,170	563	95.7%
	Resident Late	8,377	218	97.4%
	Total - Resident	21,547	781	96.4%
	Total		47,259	1,141
Grand total		96,239	2,313	97.6%

Response Rates

The response rate for the standard survey was 46.1%, with the nonresident mailing groups achieving 45.2% and the resident mailing groups a 47.3% response rates (Tables 1.5 and 2.3). The rate of response to the supplemental survey was slightly lower at 45.6% with the nonresident mailing groups achieving 45.3% and the resident mailing groups 46.0 % response rates (Tables 1.5 and 2.4).

PARTICIPATION

During 2009 a total of 194,658 (43.5%) Alaska resident sport fishing licenses and 252,427 (56.5%) nonresident licenses were issued out of a total of 447,085 licenses (Table 2.5).

The number of nonresident license sales decreased from 2008 while the number of resident license sales increased. During 2009, an estimated 442,756 anglers fished 2,216,445 days. About 49.1% of the anglers were Alaska residents who accounted for 63.6% of the total days fished, a slight increase from 2008. Nonresident participation in terms of number of licensed anglers was highest in Southeast (73.3%) and lowest in the Arctic-Yukon-Kuskokwim (AYK) region

(27.3%). In Southcentral, 55.5% of all anglers were Alaska residents (Tables 2.6–2.10; Figures 2.2–2.3).

Days fished by Alaska residents exceeded those of nonresidents in all three regions of the state, accounting for about 50.1% in Southeast, 66.1% in Southcentral and 78.8% in AYK of total regional days fished.

Table 1.5.–Response rates by survey type, strata and mailing, 2009.

Survey Type	Mailing Group	Total Households		Nondeliverable	Response Percentage
		Mailed	Responses		
Standard					
	Nonresident Early	5,936	2,843	180	49.4%
	Nonresident Late	7,448	3,050	180	42.0%
	Nonresident Total	13,384	5,893	360	45.2%
	Resident Early	6,180	2,869	563	51.1%
	Resident Late	3,570	1,371	218	40.9%
	Resident Total	9,750	4,240	781	47.3%
Total Standard		23,134	10,133	1,141	46.1%
Supplemental					
	Nonresident Early	6,256	2,941	181	48.4%
	Nonresident Late	7,544	3,149	183	42.8%
	Nonresident Total	13,800	6,090	364	45.3%
	Resident Early	6,504	2,924	617	49.7%
	Resident Late	3,562	1,331	191	39.5%
	Resident Total	10,066	4,255	808	46.0%
Total Supplemental		23,866	10,345	1,172	45.6%
Grand Total		47,000	20,478	2,313	45.8%

HARVEST

An estimated 2,951,263 fish were harvested in 2009 (Table 2.10). This total included 556,022 razor clams *Siliqua patula* and 61,432 smelt and capelin *Osmeridae*. Of the remaining 2,333,809 harvested fish, 1,453,652 (62.3%) were anadromous (sea-run) Pacific salmon *Oncorhynchus*, 440,255 (18.9%) were Pacific halibut, 209,094 (9.0%) were rockfish *Sebastes*, 35,976 (1.5%) were rainbow trout *O. mykiss*, 45,500 (1.9%) were Dolly Varden *Salvelinus malma* and Arctic char *Salvelinus alpinus*, 25,763 (1.1%) were Arctic grayling *Thymallus arcticus*, and 8,263 (0.4%) were landlocked salmon (Chinook, coho *O. kisutch*, and kokanee *O. nerka*) (Tables 2.11–2.40; Figures 1.1; 2.4–2.9).

The 2009 total anadromous salmon estimated harvest of 1,453,652 (Table 2.16; Figure 2.4) included 133,328 Chinook, 665,000 coho, 464,658 sockeye, 158,971 pink *O. gorbuscha*, and 31,695 chum salmon *O. keta* (Table 2.10). The marine salmon harvest total of 680,858 included 88,962 Chinook, 418,353 coho, 34,151 sockeye, 116,893 pink, and 22,499 chum salmon (Table 2.11). The freshwater total of 772,794 anadromous salmon included 44,366 Chinook, 246,647

coho, 430,507 sockeye, 42,078 pink, and 9,196 chum salmon (Table 2.12). Regionally, 453,023 anadromous salmon were harvested in Southeast Alaska, (Table 2.13) 967,790 in Southcentral (Table 2.14) and 32,839 in the Arctic-Yukon-Kuskokwim area (Table 2.15).

Region and area fishery estimates of harvest by species and site for 2009 are presented in Tables 2.41–2.96.

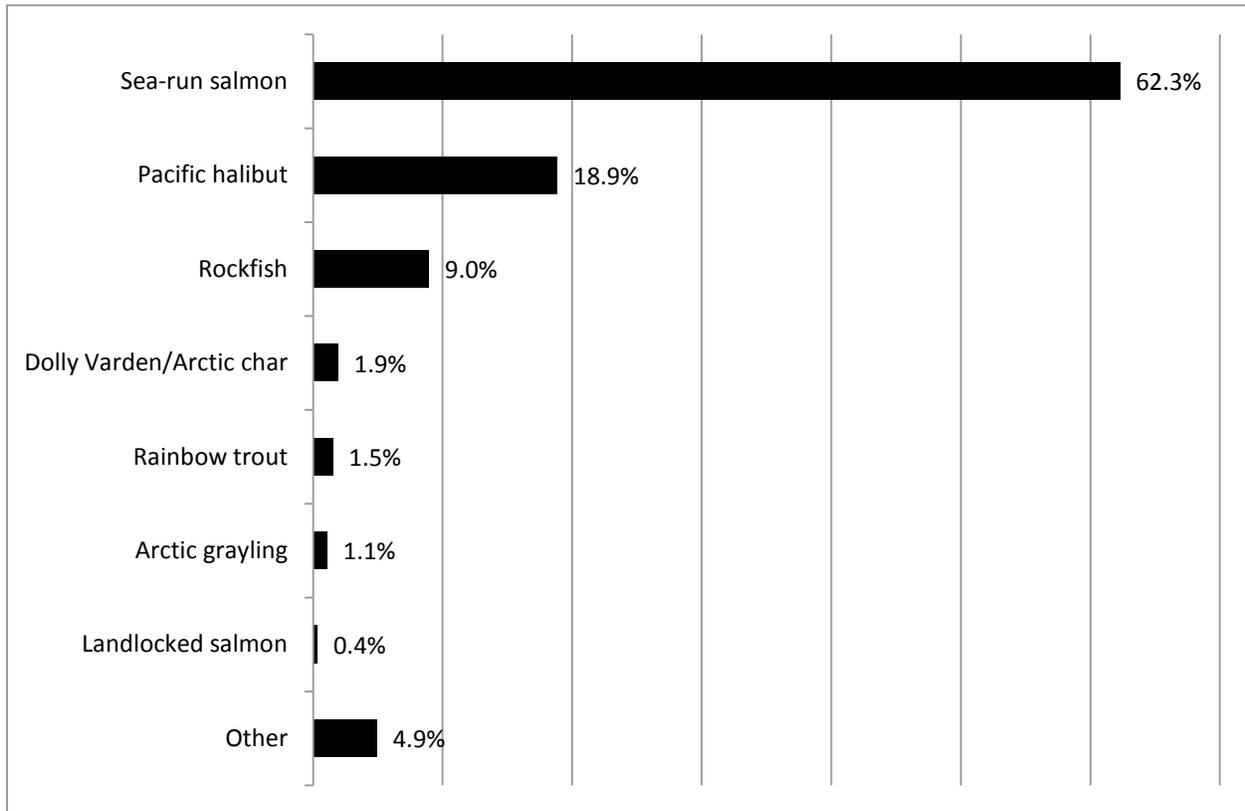


Figure 1.1.–Percentage of total harvest by species, 2009.

CATCH

The estimated catch of 6,964,949 fish in 2009 (Table 2.10) included 556,022 razor clams and 63,143 smelt. Of the remaining 6,345,784 fish caught, 1,024,256 (16.1%) were sea-run coho salmon, 767,377 (12.1%) were pink salmon, 761,227 (12.0%) were Pacific halibut, 743,129 (11.7%) were sockeye salmon, 727,545 (11.5%) were rainbow trout, 401,169 (6.3%) were Arctic grayling, 573,488 (9.0%) were Dolly Varden and Arctic char, 338,517 (5.3%) were Chinook salmon, 357,617 (5.6%) were rockfish, and 176,270 (2.8%) were chum salmon (Tables 2.11–2.40; Figure 1.2).

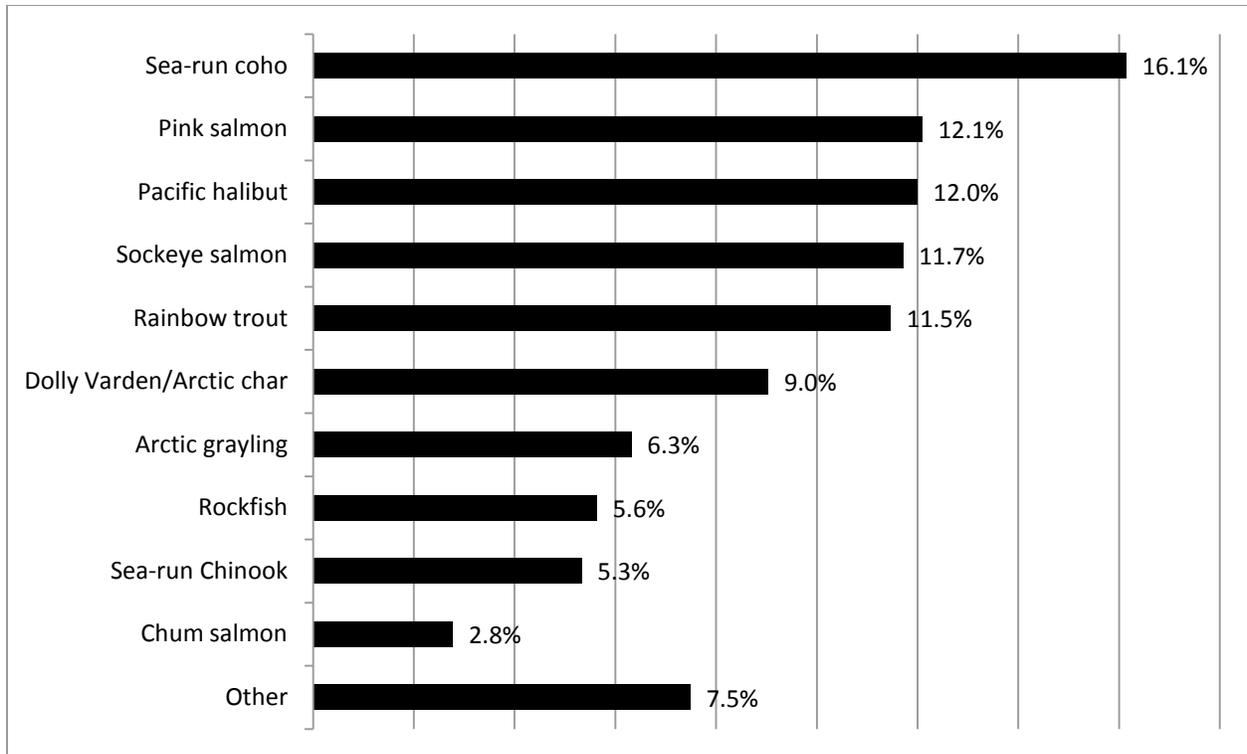


Figure 1.2.–Percentage of total catch by species, 2009.

DISCUSSION

Survey performance can be measured, in part, by the success of delivery of the survey to the respondents. In 2009, the percentage of surveys that were returned as ‘undeliverable’ from the postal service for both survey types was less than 3% of the total mailed (Tables 1.4 and 1.5). For both survey types, the strata and mailing that had the highest percentage of undeliverables was the Resident Early mailing. This stratum contained the largest number of all the mailings.

Another measure of survey performance is the response rate. In 2009, an overall response rate of 45.8% was achieved, up slightly from 44.9% in 2008 and 43.9% in 2007. Response rates for both the standard and supplemental survey formats have risen consistently from the 2007 through the 2009 survey year.

In 2009, the estimated number of anglers dropped slightly for a second year in a row, from a ten-year high of 494,261 in 2007. The estimated number of nonresident anglers dropped significantly in 2009. After rising steadily between 2002 and 2007 with a slight dip in 2006, nonresident angler numbers began dropping in 2008, continuing to drop in 2009. The estimated number of resident anglers showed a slight increase from 2008 (Figure 2.2). Similar to the estimated number of days fished, the number of resident anglers exceeded nonresident in the AYK region. For a second consecutive year, the number of resident anglers exceeded nonresident anglers in Southcentral region with residents estimated at 170,282 (55.5%) and nonresidents at 136,391 (44.5%) – dropping from 49.5% in 2008. Keeping with the trend since 2001, the number of nonresident anglers in Southeast remained higher than resident anglers in 2009 at an estimated total of 84,988–down from 101,974 in 2008 (Table 2.6, Figure 2.2).

Statewide, the estimated number of days fished by nonresidents continued its downward trend since 2007. In Southcentral, the number of days fished for both resident and nonresident groups appear to parallel each other for the years 2005–2009. In Arctic-Yukon-Kuskokwim region, the number of days fished by nonresidents remained nearly the same from 2005 through 2009 with a high of 52,794 in 2005 to a low of 41,214 in 2009. Resident days fished for 2009 in the AYK region rose by almost 17,000 after falling off by nearly 20,000 in 2008 and rising above 155,000 in 2007. In Southeast Alaska, prior to 2009, nonresidents had consistently fished more days than residents. However, in 2009 there was a significant drop in days fished by nonresidents bringing the split to 50% for both residents and nonresidents. (Table 2.6).

In looking at some of the most sought-after species, the harvests of both Pacific halibut and lingcod fell off by approximately 14.8% and 12.1%, respectively, in 2009. After rising to an 11-year high 226,385 in 2008, rockfish harvest decreased 7.6% in 2009 to just over 209,000. Estimated harvest of razor clams fell in 2009 to 556,022, after topping the estimated harvest of the previous 4 years in 2008 (Figure 1.3).

The estimated harvests of both Pacific cod and Arctic grayling increased in 2009, for the third consecutive year. Pacific cod estimated harvest increased by 31.7% from the 2008 estimate. Arctic grayling increased by 12.4%. Sockeye salmon estimates continued an up-and-down pattern with an 11.8% increase from 2008 (Figure 1.4).

The estimated catch statewide of Arctic grayling increased slightly from the previous year with a total of 401,169—up from a 10-year low in 2006 of an estimated 239,555. Both Dolly Varden and rainbow trout catch estimates fell from the previous year, with an estimated catch of 573,488 and 727,545 respectively (Figure 1.5).

An in-depth analysis of the multi-year comparison of the estimates from the Statewide Harvest Survey and the harvest data collected from various on-site creel surveys was recently investigated (Clark 2009). Results of this study support that the methodologies used for this project consistently produce estimates that compare closely with onsite creel surveys.

Harvest estimates from the 2009 mail survey compared approximately with estimates from onsite creel surveys (Table 2.97). The onsite and mail survey estimates for the fisheries of the Ketchikan marine boat, Sitka marine boat, Juneau marine boat, and Kenai River were moderately different in a number of instances. Most of the differences in estimates between the two types of survey were that the mail survey values were higher than those from the comparable onsite surveys. The results of the 2009 creel survey comparison to SWHS estimates (Table 2.97) include one more year of comparative estimates and will be more fully evaluated at a later date (i.e., when updating the Clark (2009) analysis).

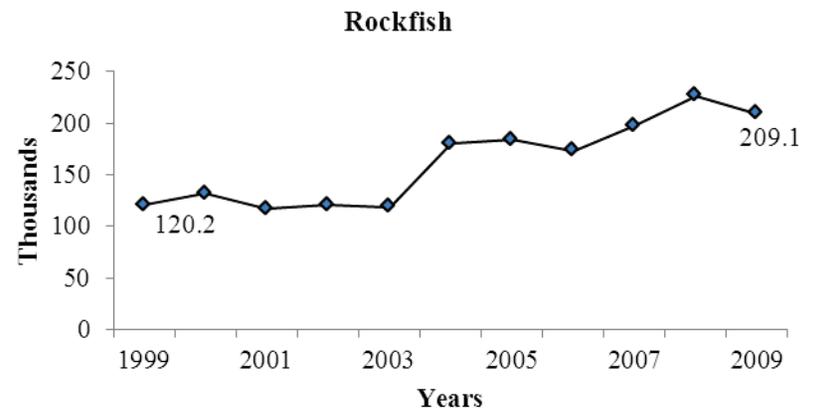
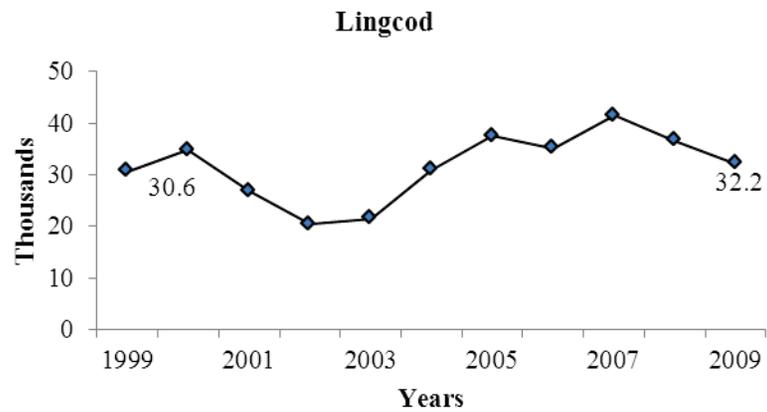
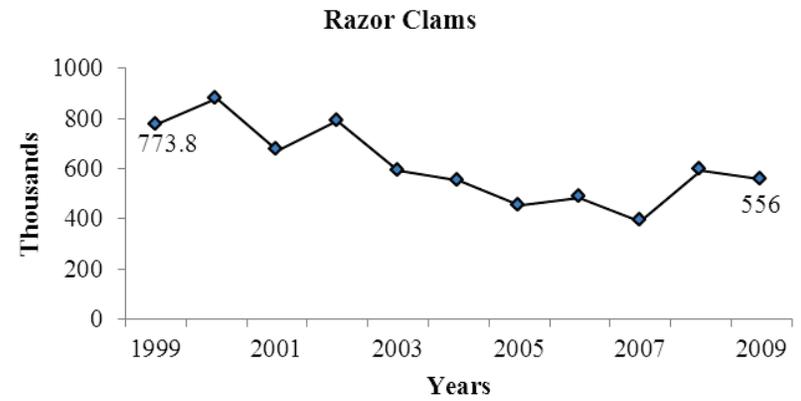
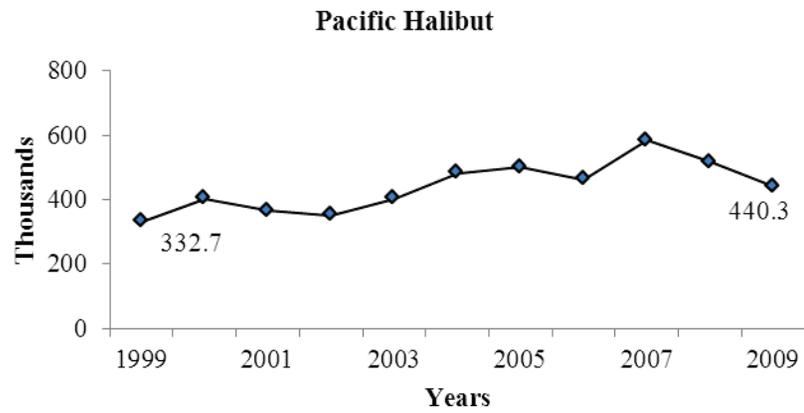


Figure 1.3.—Major species harvest, 1999–2009 showing a decrease in harvest from 2008.

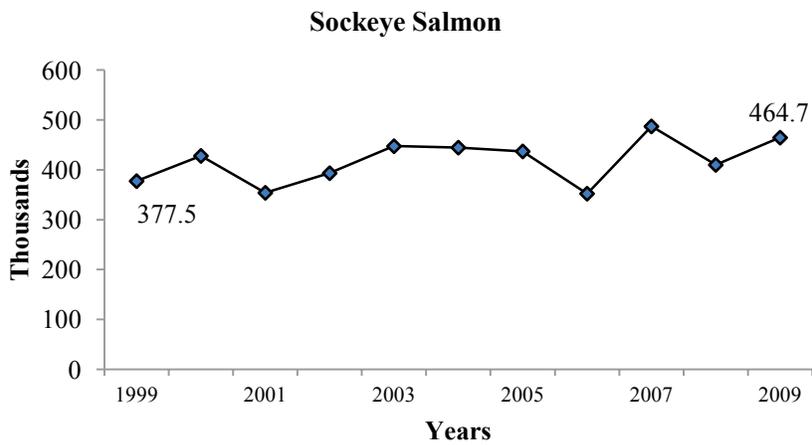
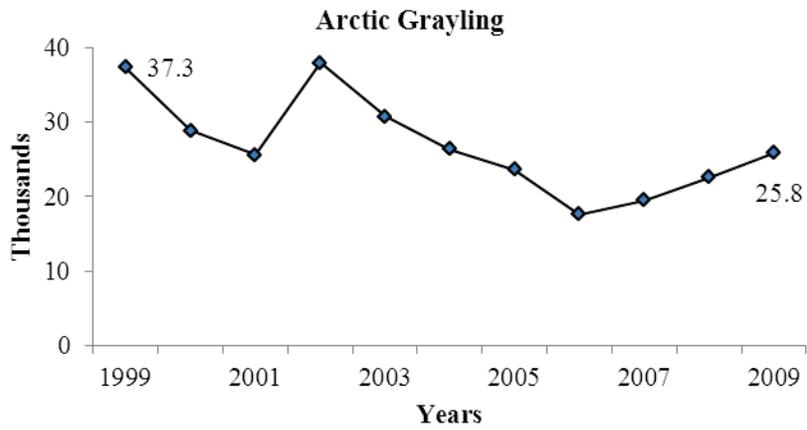
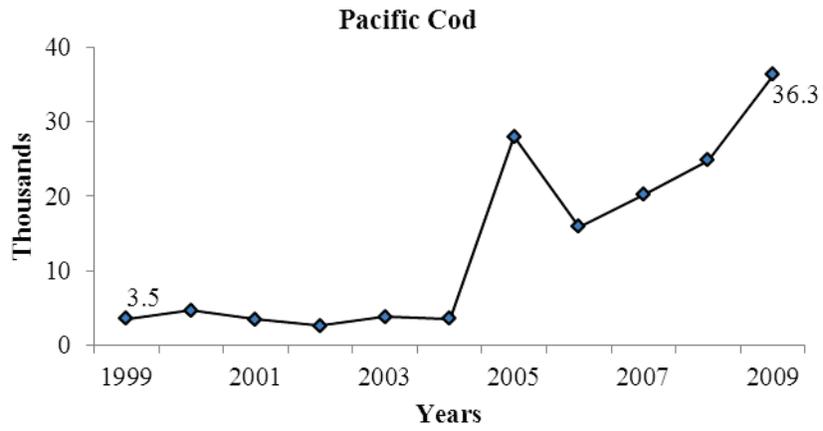


Figure 1.4.—Major species harvest, 1999–2009 showing an increase in harvest from 2008.

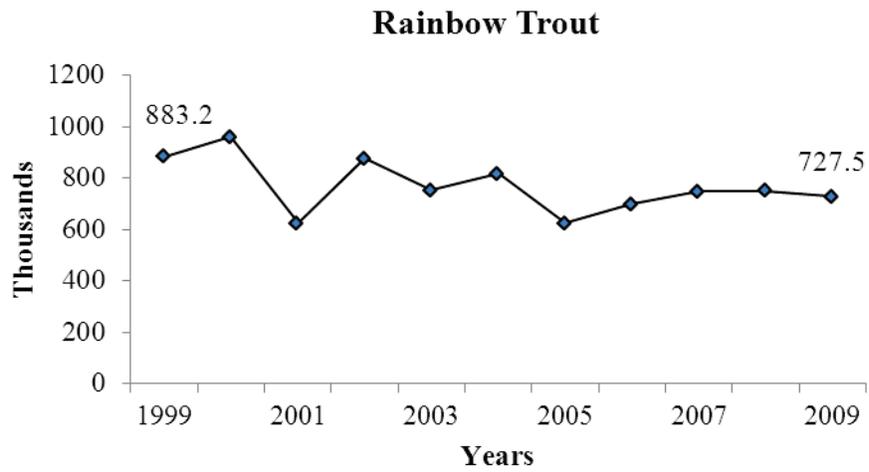
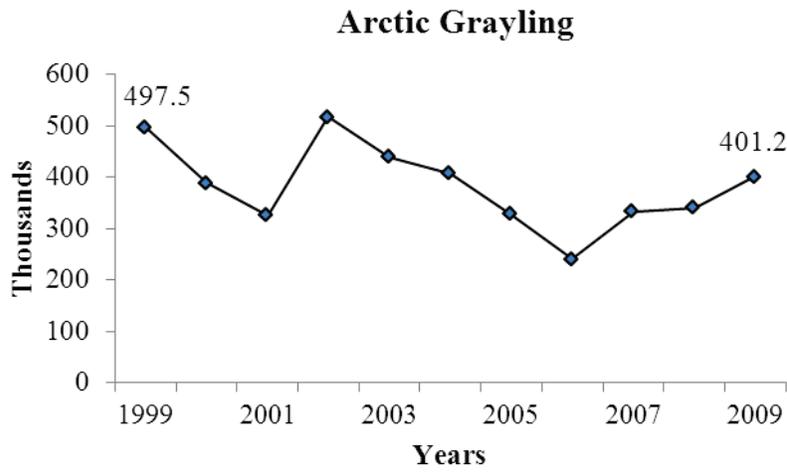
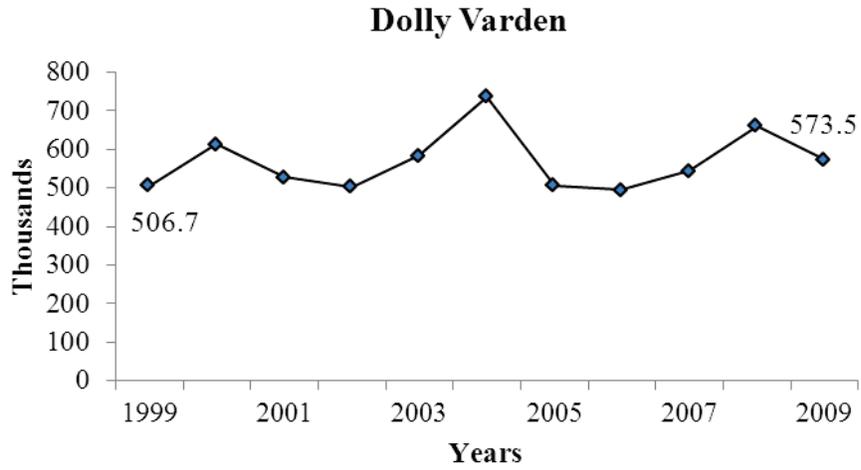


Figure 1.5.—Estimated numbers of Dolly Varden, Arctic grayling, and rainbow trout caught, 1999–2009.

For more than three and a half decades the statewide sport fish survey has proved successful in economically meeting management needs for estimates of participation and harvest for Alaska's sport fisheries. The survey has been well received by the angling public. Historically the harvest results have been consistent with those from onsite creel surveys for large fisheries (Mills and Howe 1992, Clark 2009). Sport fish biologists report that statewide survey harvest estimates for areas without analogous creel survey estimates are generally comparable with their own knowledge and observations.

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SECTION 2: TABLES AND FIGURES

Table 2.1.–List of common names, scientific names, and abbreviations.

Common Name	Scientific Name	Abbreviation
Chinook salmon	<i>Oncorhynchus tshawytscha</i>	KS
Small Chinook salmon	<i>Oncorhynchus tshawytscha</i>	KI
Coho salmon	<i>Oncorhynchus kisutch</i>	SS
Landlocked salmon–coho	<i>Oncorhynchus kisutch</i>	LS
Landlocked salmon–Chinook	<i>Oncorhynchus tshawytscha</i>	LS
Sockeye salmon	<i>Oncorhynchus nerka</i>	RS
Kokanee salmon	<i>Oncorhynchus nerka</i>	KO
Pink salmon	<i>Oncorhynchus gorbuscha</i>	PS
Chum salmon	<i>Oncorhynchus keta</i>	CS
Steelhead	<i>Oncorhynchus mykiss</i>	SH
Rainbow trout	<i>Oncorhynchus mykiss</i>	RT
Cutthroat trout	<i>Oncorhynchus clarki</i>	CT
Brook trout	<i>Salvelinus fontinalis</i>	BT
Lake trout	<i>Salvelinus namaycush</i>	LT
Dolly Varden	<i>Salvelinus malma</i>	DV
Arctic char	<i>Salvelinus alpinus</i>	AC
Arctic grayling	<i>Thymallus arcticus</i>	GR
Northern pike	<i>Esox lucius</i>	NP
Whitefish	<i>Coregonus</i> spp. and <i>Prosopium</i> spp.	WF
Burbot	<i>Lota lota</i>	BB
Inconnu (Sheefish)	<i>Stenodus leucichthys</i>	SF
Pacific halibut	<i>Hippoglossus stenolepis</i>	HA
Pacific cod	<i>Gadus macrocephalus</i>	PC
Shark ^a		SK
Rockfish	<i>Sebastes</i> spp.	RF
Lingcod	<i>Ophiodon elongatus</i>	LC
Smelt	Osmeridae	SM
Capelin	<i>Mallotus villosus</i>	SM
King crab	<i>Paralithodes camtschatica</i>	KC
Dungeness crab	<i>Cancer magister</i>	DC
Tanner crab	<i>Chionoecetes bairdi</i>	TC
Shrimp	Pandalidae	SHR
Razor clam	<i>Siliqua patula</i>	RCL
Hardshell clams		HCL
Butter clam	<i>Saxidomus giganteus</i>	
Littleneck clam	<i>Protothaca staminea</i>	
Cockle	<i>Clinocardium nuttallii</i>	
Gaper clam	<i>Tresus capax</i>	
Eastern softshell clam	<i>Mya arenaria</i>	
Truncated mya	<i>Mya truncata</i>	
Alaska surf clam	<i>Spisula polynyma</i>	
Other shellfish		OS

Source: Nelson et al. 2004, McLaughlin et al. 2005.

^a *Lamna ditropis* (salmon shark), *Somniosus pacificus* (Pacific sleeper shark), and *Squalus acanthias* (spiny dogfish) are the most common species caught.



Figure 2.1.—Map of Alaska sport fishing regions and areas.

Table 2.2.–List of Alaska sport fishing regions and areas.

Regions	
I	Southeast Alaska
II	Southcentral Alaska
III	Arctic-Yukon-Kuskokwim
Areas	
Southeast Alaska	
A	Ketchikan
B	Prince of Wales Island
C	Kake, Petersburg, Wrangell, Stikine
D	Sitka
E	Juneau
F	Haines/Skagway
G	Glacier Bay
H	Yakutat
Southcentral Alaska	
J	North Gulf Coast/Prince William Sound
K	Knik Arm
L	Anchorage
M	Susitna River drainage
N	West Cook Inlet drainages
P	Kenai Peninsula/Cook Inlet
Q	Kodiak
R	Alaska Peninsula/Aleutian Islands
S	Kvichak River drainage
T	Nushagak, Wood River and Togiak
Arctic-Yukon-Kuskokwim	
I	Upper Copper River drainage
U	Tanana River drainage
V	Kuskokwim River/Kuskokwim Bay drainages
W	Norton Sound/Seward Peninsula
X	Northwest Alaska
Y	Yukon River drainage
Z	North Slope/Brooks Range

Table 2.3.—Response to the standard Alaska sport fish survey mailing, 2009.

		Mailing 1	Mailing 2	Mailing 3	Total
Nonresident Early	Mailed	5,936	4,016	3,255	13,207
	Nondeliverable ^a				180
	Nonresponses	4,016	3,255	2,913	10,184
	Responses	1,798	728	317	2,843
	Response Rate ^b	31.2%	12.7%	5.5%	49.4%
Nonresident Late	Mailed	7,448	5,057	0	12,505
	Nondeliverable ^a				180
	Nonresponses	5,057	4,218		9,275
	Responses	2,244	806		3,050
	Response Rate ^b	30.9%	11.1%		42.0%
Resident Early	Mailed	6,180	3,865	3,125	13,170
	Nondeliverable ^a				563
	Nonresponses	3,865	3,125	2,748	9,738
	Responses	1,879	666	324	2,869
	Response Rate ^b	33.5%	11.9%	5.8%	51.1%
Resident Late	Mailed	3,570	2,630	2,177	8,377
	Nondeliverable ^a				218
	Nonresponses	2,630	2,177	1,981	6,788
	Responses	792	402	177	1,371
	Response Rate ^b	23.6%	12.0%	5.3%	40.9%
Total	Mailed	23,134	15,568	8,557	47,259
	Nondeliverable ^a				1,141
	Nonresponses	15,568	12,775	7,642	35,985
	Responses	6,713	2,602	818	10,133
	Response Rate ^b	30.5%	11.8%	3.7%	46.1%

^a Because there is no proof of questionnaire delivery unless returned by the addressee, all nondeliverables are counted as nondeliverable to the first mailing.

^b The response rates were calculated as the percentage of each mailing's responses to the first mailing excluding the nondeliverable surveys.

Table 2.4.—Response to the supplementary Alaska sport fish survey mailing, 2009.

		Mailing 1	Mailing 2	Mailing 3	Total
Nonresident Early	Mailed	6,256	4,226	3,457	13,939
	Nondeliverable ^a				181
	Nonresponses	4,226	3,457	3,134	10,817
	Responses	1,904	735	302	2,941
	Response Rate ^b	31.3%	12.1%	5.0%	48.4%
Nonresident Late	Mailed	7,544	5,023	0	12,567
	Nondeliverable ^a				183
	Nonresponses	5,023	4,212		9,235
	Responses	2,363	786		3,149
	Response Rate ^b	32.1%	10.7%		42.8%
Resident Early	Mailed	6,504	4,144	3,354	14,002
	Nondeliverable ^a				617
	Nonresponses	4,144	3,354	2,963	10,461
	Responses	1,907	696	321	2,924
	Response Rate ^b	32.4%	11.8%	5.5%	49.7%
Resident Late	Mailed	3,562	2,658	2,252	8,472
	Nondeliverable ^a				191
	Nonresponses	2,658	2,252	2,040	6,950
	Responses	761	377	193	1,331
	Response Rate ^b	22.6%	11.2%	5.7%	39.5%
Total	Mailed	23,866	16,051	9,063	48,980
	Nondeliverable ^a				1,172
	Nonresponses	16,051	13,275	8,137	37,463
	Responses	6,935	2,594	816	10,345
	Response Rate ^b	30.6%	11.4%	3.6%	45.6%

^a Because there is no proof of questionnaire delivery unless returned by the addressee, all nondeliverables are counted as nondeliverable to the first mailing.

^b The response rates were calculated as the percentage of each mailing's responses to the first mailing excluding the nondeliverable surveys.

Table 2.5.—Number and percent of Alaska sport fishing licenses by residency, 1961–2009.

Year	Resident		Nonresident		Total
	Number	Percent	Number	Percent	
1961	41,120	74.0	14,444	26.0	55,564
1962	42,015	74.0	14,783	26.0	56,798
1963	46,160	73.1	16,977	26.9	63,137
1964	45,355	74.5	15,527	25.5	60,882
1965	48,421	71.3	19,483	28.7	67,904
1966	50,287	70.3	21,256	29.7	71,543
1967	50,357	65.4	26,594	34.6	76,951
1968	58,344	64.4	32,221	35.6	90,565
1969	62,546	63.0	36,777	37.0	99,323
1970	71,711	63.2	41,683	36.8	113,394
1971	75,952	65.8	39,543	34.2	115,495
1972	82,088	66.0	42,347	34.0	124,435
1973	89,823	70.2	38,179	29.8	128,002
1974	95,485	70.8	39,415	29.2	134,900
1975	101,900	69.0	45,821	31.0	147,721
1976	118,679	70.7	49,194	29.3	167,873
1977	121,913	68.6	55,821	31.4	177,734
1978	129,750	66.5	65,481	33.5	195,231
1979	130,458	64.4	72,090	35.6	202,548
1980	132,103	63.9	74,699	36.1	206,802
1981	138,784	61.4	87,407	38.6	226,191
1982	156,324	59.8	105,014	40.2	261,338
1983	169,761	62.4	102,481	37.6	272,242
1984	177,949	60.7	115,127	39.3	293,076
1985	176,725	58.2	127,077	41.8	303,802
1986	180,936	57.6	133,051	42.4	313,987
1987	181,721	56.3	140,773	43.7	322,494
1988	177,383	54.0	151,308	46.0	328,691
1989	174,942	51.8	163,098	48.2	338,040
1990	180,214	49.6	182,779	50.4	362,993
1991	184,813	50.5	181,182	49.5	365,995
1992	182,245	46.6	208,516	53.4	390,761
1993	181,843	46.9	205,720	53.1	387,563
1994	183,186	44.6	227,088	55.4	410,274
1995	176,428	42.6	238,021	57.4	414,449
1996	180,747	42.6	243,731	57.4	424,478
1997	180,029	41.7	251,865	58.3	431,894
1998	173,833	40.6	254,494	59.4	428,327
1999	172,717	39.1	269,153	60.9	441,870
2000	177,700	38.7	280,939	61.3	458,639
2001	178,251	39.3	274,968	60.7	453,219
2002	184,790	39.4	284,583	60.6	469,373
2003	188,411	39.4	289,358	60.6	477,769
2004	188,976	37.5	314,446	62.5	503,422
2005	188,697	36.3	331,570	63.7	520,267
2006	181,672	36.8	311,777	63.2	493,449
2007	183,089	36.4	320,058	63.6	503,147
2008	186,311	38.3	300,090	61.7	486,401
2009	194,658	43.5	252,427	56.5	447,085

Table 2.6.—Statewide and regional estimates of participation in Alaska sport fishing by residency, 2003–2009.

Region	2004					2005				
	Residents of Alaska		Nonresidents of Alaska		Total	Residents of Alaska		Nonresidents of Alaska		Total
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
Anglers										
Southeast	31,838	24.5	97,958	75.5	129,796	30,358	22.9	102,032	77.1	132,390
Southcentral	169,120	50.0	169,097	50.0	338,217	163,549	47.7	179,031	52.3	342,580
AYK ^a	29,923	67.3	14,526	32.7	44,449	28,627	65.6	14,999	34.4	43,626
Total	213,813	44.2	270,453	55.8	484,266	206,912	42.0	285,174	58.0	492,086
Days fished										
Southeast	253,231	46.3	294,018	53.7	547,249	239,174	42.1	328,610	57.9	567,784
Southcentral	1,072,559	62.7	637,112	37.3	1,709,671	994,620	58.1	717,990	41.9	1,712,610
AYK ^a	163,778	75.5	53,263	24.5	217,041	130,741	71.2	52,794	28.8	183,535
Total	1,489,568	60.2	984,393	39.8	2,473,961	1,364,535	55.4	1,099,394	44.6	2,463,929
Region	2006					2007				
	Residents of Alaska		Nonresidents of Alaska		Total	Residents of Alaska		Nonresidents of Alaska		Total
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
Anglers										
Southeast	28,090	21.9	100,369	78.1	128,459	27,805	20.8	105,759	79.2	133,564
Southcentral	160,899	48.8	168,635	51.2	329,534	167,897	48.9	175,748	51.1	343,645
AYK ^a	26,783	68.8	12,170	31.2	38,953	29,545	69.3	13,119	30.7	42,663
Total	201,698	42.6	271,965	57.4	473,663	209,518	42.4	284,743	57.6	494,261
Days fished										
Southeast	207,114	40.1	309,721	59.9	516,835	219,141	40.6	321,149	59.4	540,290
Southcentral	950,177	59.2	655,675	40.8	1,605,852	1,088,049	60.5	711,303	39.5	1,799,352
AYK ^a	130,248	74.3	45,026	25.7	175,274	155,496	76.2	48,536	23.8	204,032
Total	1,287,539	56.0	1,010,422	44.0	2,297,961	1,462,686	57.5	1,080,988	42.5	2,543,674
Region	2008					2009				
	Residents of Alaska		Nonresidents of Alaska		Total	Residents of Alaska		Nonresidents of Alaska		Total
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
Anglers										
Southeast	27,333	21.1	101,974	78.9	129,307	30,926	26.7	84,988	73.3	115,914
Southcentral	166,430	50.5	163,188	49.5	329,619	170,282	55.5	136,391	44.5	306,673
AYK ^a	28,461	67.0	14,031	33.0	42,492	32,032	72.7	12,028	27.3	44,060
Total	206,798	43.3	270,483	56.7	477,281	217,221	49.1	225,535	50.9	442,756
Days fished										
Southeast	212,297	41.7	297,300	58.3	509,597	250,379	50.1	249,702	49.9	500,081
Southcentral	1,013,734	62.5	609,186	37.5	1,622,920	1,007,014	66.1	515,331	33.9	1,522,345
AYK ^a	136,045	74.3	47,039	25.7	183,084	152,805	78.8	41,214	21.2	194,019
Total	1,362,076	58.8	953,525	41.2	2,315,601	1,410,198	63.6	806,247	36.4	2,216,445

Note: Statewide angler totals do not equal regional sums because some anglers fished in more than one region.

^a Arctic Yukon-Kuskokwim.

Table 2.7.—Estimated number of anglers by Alaska region and area fished, 1999–2009.

Area fished	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Southeast											
Ketchikan	26,647	26,808	26,155	29,924	27,218	34,193	34,512	31,142	32,085	30,304	30,692
Prince of Wales	15,397	15,251	14,201	15,782	15,361	15,710	17,804	16,256	17,678	17,693	14,071
Kake, Petersburg, Wrangell, Stikine	9,536	8,867	8,328	7,813	7,794	10,258	8,843	9,422	9,174	9,761	9,596
Sitka ^a	27,961	22,591	25,057	22,288	24,002	25,734	25,931	27,583	28,610	28,483	21,216
Juneau	28,405	27,252	27,971	24,252	26,375	29,452	29,380	26,395	25,956	24,497	25,966
Haines-Skagway	6,979	7,805	9,063	8,856	9,021	9,373	8,196	7,613	7,301	6,622	7,339
Glacier Bay ^a	6,103	8,391	8,630	7,738	8,203	10,008	11,128	11,367	14,107	13,060	11,431
Yakutat	6,901	5,591	4,630	3,798	6,790	6,614	7,374	7,304	7,979	7,171	5,527
Total ^b	115,763	111,255	113,922	108,743	114,337	129,796	132,390	128,459	133,564	129,307	115,914
Southcentral											
North Gulf Coast/Prince William Sound ^c	36,646	42,464	82,327	79,523	93,272	96,977	103,149	93,546	103,373	92,790	90,312
Knik Arm	30,609	32,953	34,140	34,001	33,601	32,073	31,574	34,040	32,057	34,810	33,865
Anchorage	28,557	32,536	34,005	26,433	27,325	24,024	26,486	26,156	23,910	25,738	22,397
Susitna River drainage ^d	40,661	43,211	40,083	40,574	37,477	56,143	50,695	50,775	49,839	45,048	39,871
West Cook Inlet drainages ^{d,e}	28,323	33,474	28,370	26,319	29,031	9,672	9,282	9,258	10,256	10,315	7,515
Kenai Peninsula ^c	183,056	198,967	173,338	178,306	188,852	198,639	201,677	190,390	198,255	188,719	176,380
Kodiak	15,565	16,878	13,240	14,676	15,859	17,598	17,821	17,413	18,555	17,530	16,568
Alaska Peninsula-Aleutian Islands	8,329	8,316	7,421	8,220	7,628	7,436	7,205	8,250	8,076	8,428	7,417
Kvichak River drainage	7,194	6,908	5,817	4,879	5,284	6,081	6,097	6,761	6,556	7,394	6,325
Nushagak, Wood River, and Togiak	7,918	8,093	8,132	6,133	7,275	7,539	7,801	7,488	8,575	7,914	6,626
Total ^{b,c,d}	286,098	304,235	303,986	298,119	323,692	338,217	342,580	329,534	343,645	329,619	306,673
Arctic-Yukon-Kuskokwim											
Upper Copper River drainage ^d	21,814	18,250	15,572	15,646	17,437	12,672	13,330	11,596	13,946	13,617	12,602
Tanana River drainage	30,833	25,200	21,546	21,801	24,999	24,987	23,166	20,570	22,263	20,287	23,737
Kuskokwim River and Bay drainages	5,219	3,765	3,737	3,626	4,336	4,278	3,931	3,608	3,575	4,231	3,506
Seward Peninsula-Norton Sound	3,124	2,700	2,371	2,743	2,187	2,432	3,013	2,279	2,384	2,569	2,929
Northwest Alaska	1,313	1,372	1,177	1,064	1,156	1,079	901	1,127	942	1,036	1,386
Yukon River drainage	4,285	3,322	3,176	2,799	3,524	3,255	2,817	3,152	3,282	2,551	3,041
North Slope-Brooks Range	1,044	1,250	865	1,165	834	747	1,469	833	907	1,255	1,178
Total ^{b,c,d}	59,406	49,262	43,095	43,812	48,612	44,449	43,626	38,953	42,663	42,492	44,060
Alaska Total^b	425,979	432,291	432,129	422,192	455,594	484,266	492,086	473,663	494,261	477,281	442,756

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management Area (D).

^b Statewide and regional angler totals do not equal regional or area sums because some anglers fished in more than one area and in more than one region.

^c In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula Area (P).

^d In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the Upper, East and West Susitna River drainages, formerly divided between Upper Copper/Upper Susitna River area (I), East Side Susitna River drainage area (M), and West Cook Inlet drainages-West Side Susitna drainage area (N).

^e Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula-Cook Inlet area). West Cook Inlet drainages (N) only includes freshwater lakes and streams.

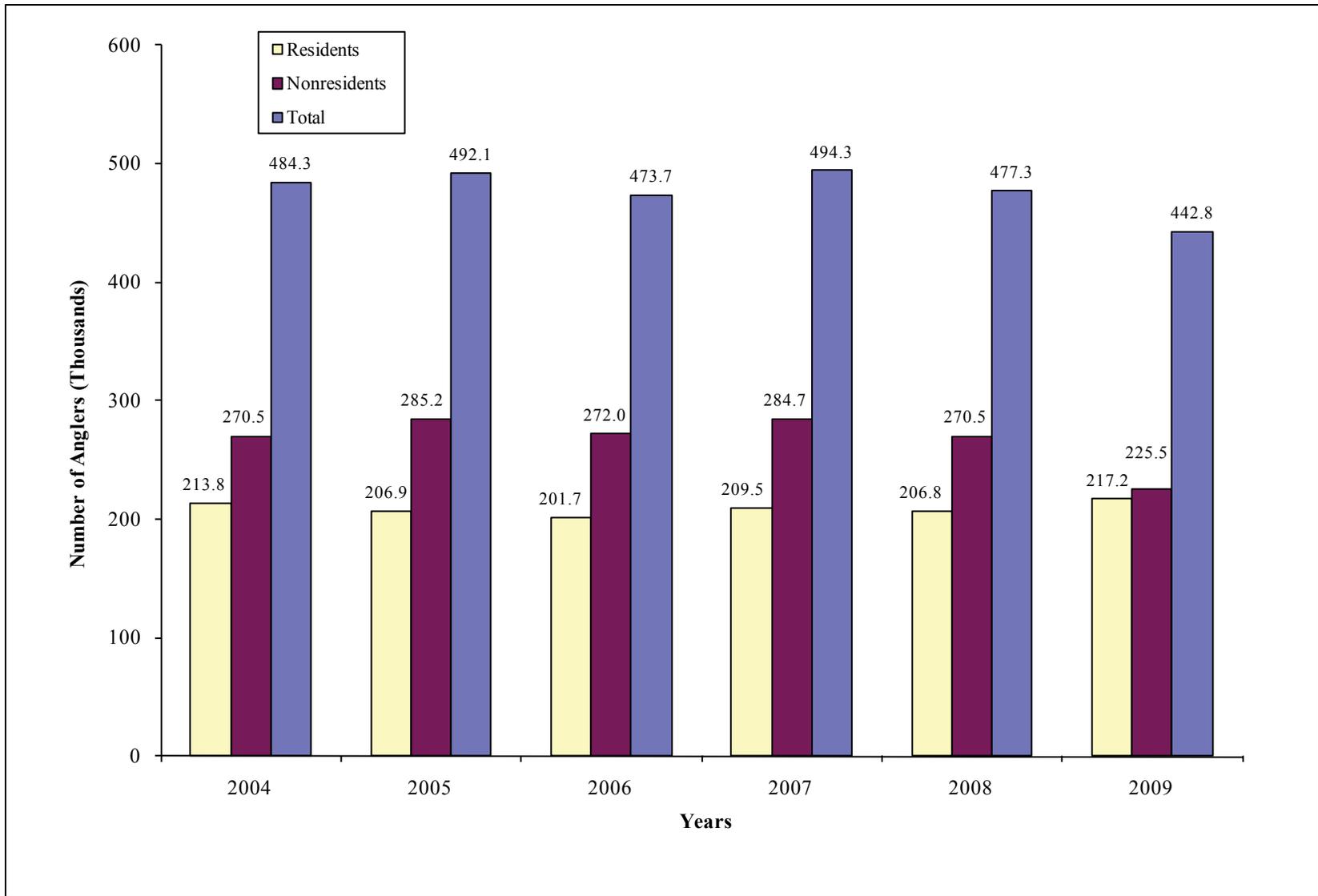


Figure 2.2.—Estimated number of anglers who sport fished in Alaska by area of residence, 2004–2009.

Table 2.8.—Estimated number of anglers who sport fished in Alaska by area of residence, 1999–2009.

Residence	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Alaska Residents^a											
Southeast Alaska	28,918	29,123	27,664	23,397	25,690	26,489	25,987	24,949	23,679	23,550	27,745
North Gulf Coast/Prince William Sound	3,786	3,434	5,494	4,907	5,850	4,800	5,146	4,329	5,681	5,600	5,311
Kenai Peninsula	22,182	25,950	23,651	24,399	23,771	22,688	23,186	22,600	25,970	23,876	23,899
Cook Inlet area other than Kenai Peninsula ^b	99,001	103,010	102,996	104,732	112,095	110,938	105,317	108,016	109,937	114,179	115,020
Kodiak and Afognak islands	5,986	6,605	4,978	4,993	5,791	6,364	6,356	5,547	5,032	5,516	5,915
Bristol Bay and Aleutian islands	2,446	2,781	2,357	2,394	2,499	2,592	2,423	2,685	2,805	1,625	2,018
Upper Copper River valley	1,641	1,811	1,556	1,306	1,558	1,077	1,387	724	1,795	1,354	1,431
Arctic-Yukon-Kuskokwim ^c	35,736	30,265	28,904	30,017	33,057	34,375	31,128	30,187	31,312	28,011	33,091
Unknown Alaska	4,179	2,631	4,517	0	4,347	4,490	5,982	2,661	3,307	3,087	2,791
Total Residents^d	203,875	205,611	202,118	196,145	214,658	213,813	206,912	201,698	209,518	206,798	217,221
Nonresidents											
Other United States	207,698	212,140	216,409	208,629	226,317	254,012	268,828	257,189	269,073	253,521	210,714
Foreign	14,406	14,540	13,602	17,418	14,619	16,442	16,346	14,776	15,670	16,962	14,821
Total Nonresidents^d	222,104	226,680	230,011	226,047	240,936	270,453	285,174	271,965	284,743	270,483	225,535
Total^d	425,979	432,291	432,129	422,192	455,594	484,266	492,086	473,663	494,261	477,281	442,756

^a Residents in the Alaska Statewide Harvest Survey are defined as anglers with an Alaska resident address. Nonresidents include other United States, Canadian and other foreign residents who did not have an Alaska resident address during the survey period.

^b Including Matanuska, Susitna and Knik river valleys, the greater Anchorage area, Turnagain Arm and west side Cook Inlet communities. Does not include Seward (see North Gulf Coast/Prince William Sound).

^c Includes communities within the Tanana River drainage.

^d Totals may not equal sum of sites, because individual site estimates and totals are rounded independently.

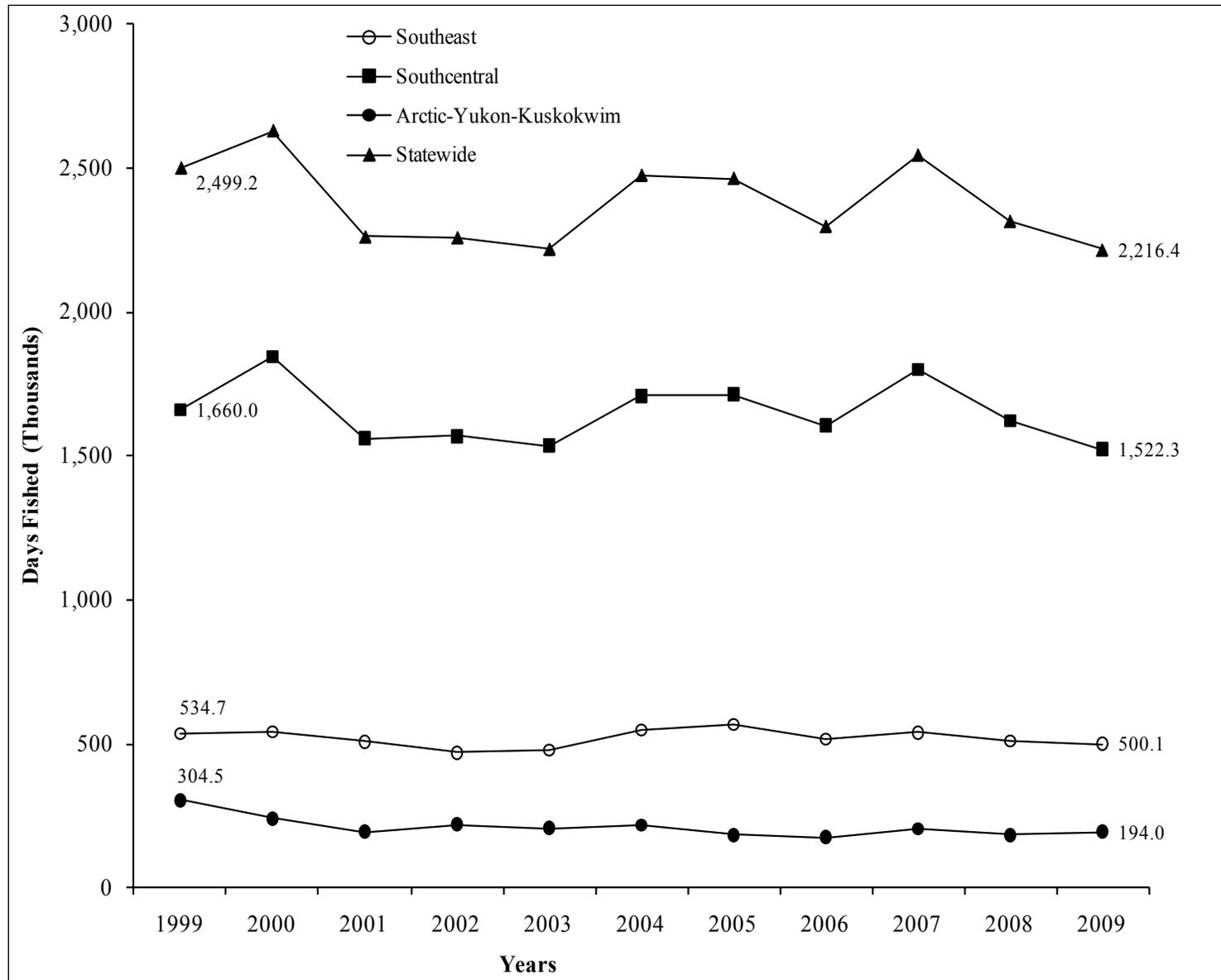


Figure 2.3.—Estimated angler-days fished in Alaska, statewide and by region, 1999–2009.

Table 2.9.—Estimated number of angler-days fished in Alaska by region and area, 1999–2009.

Area fished	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Southeast											
Ketchikan	88,496	95,943	80,918	91,018	76,050	103,533	97,521	79,440	85,045	88,425	113,959
Prince of Wales	75,857	68,728	65,559	68,264	75,820	73,060	82,095	74,269	80,202	83,134	63,035
Kake, Petersburg, Wrangell, Stikine	51,185	53,300	41,699	45,236	36,442	47,719	39,847	49,520	46,766	49,272	54,271
Sitka ^a	105,157	90,891	92,390	67,756	69,843	81,631	88,490	89,297	92,348	86,344	60,466
Juneau	130,375	128,481	124,846	108,680	116,070	125,803	135,712	104,906	113,237	104,447	117,684
Haines-Skagway	27,300	32,480	36,200	37,650	33,649	42,518	36,383	33,335	24,688	23,476	22,677
Glacier Bay ^a	22,907	41,375	42,466	31,679	34,224	39,750	49,813	42,434	52,638	40,151	41,157
Yakutat	33,387	30,209	23,163	19,019	35,094	33,235	37,923	43,634	45,366	34,348	26,832
Total	534,664	541,407	507,241	469,302	477,192	547,249	567,784	516,835	540,290	509,597	500,081
Southcentral											
North Gulf Coast/Prince William Sound ^b	122,447	134,288	218,895	214,464	241,527	280,213	265,673	251,048	318,595	262,336	268,736
Knik Arm	112,642	121,601	111,027	126,194	103,978	113,528	115,763	119,795	120,681	136,572	122,299
Anchorage	146,789	167,499	135,359	111,694	104,004	101,943	101,041	103,800	91,881	111,121	79,743
Susitna River drainage ^c	133,310	141,609	121,039	116,254	112,061	187,300	169,556	172,717	174,049	148,738	140,201
West Cook Inlet ^{c,d}	91,964	111,591	91,729	82,465	85,228	17,809	20,459	15,771	19,705	16,627	13,752
Kenai Peninsula-Cook Inlet ^{b,d}	818,865	916,426	694,671	727,420	700,305	789,609	813,978	732,675	837,812	741,636	704,201
Kodiak	110,767	121,407	77,421	88,224	88,837	94,138	115,728	95,224	111,210	102,039	96,952
Alaska Peninsula-Aleutian Islands	51,291	55,510	36,889	43,618	34,371	52,842	34,882	38,354	48,185	39,738	42,319
Kvichak River drainage	35,259	31,381	30,013	26,562	24,203	26,278	26,452	32,209	33,684	29,475	23,748
Nushagak, Wood River, and Togiak	36,632	43,512	43,519	32,618	40,987	46,011	49,078	44,259	43,550	34,638	30,394
Total	1,659,966	1,844,824	1,560,562	1,569,513	1,535,501	1,709,671	1,712,610	1,605,852	1,799,352	1,622,920	1,522,345
Arctic-Yukon-Kuskokwim											
Upper Copper River drainage ^c	77,619	58,194	48,879	46,613	52,051	39,702	37,188	33,964	44,628	39,899	44,564
Tanana River drainage	160,427	121,785	91,135	108,462	99,934	116,486	93,398	79,677	100,956	72,335	92,497
Kuskokwim River and Bay drainages	26,563	20,030	20,673	20,645	24,369	25,406	19,447	22,389	21,206	25,862	17,791
Seward Peninsula-Norton Sound	15,006	18,443	10,955	18,325	12,403	13,323	17,067	17,572	16,667	21,995	17,223
Northwest Alaska	6,771	7,056	5,904	6,417	6,121	5,704	3,118	6,786	5,027	4,421	7,431
Yukon River drainage	12,906	11,327	10,560	15,044	9,117	13,109	8,965	11,423	11,394	12,973	10,608
North Slope-Brooks Range	5,230	4,739	6,032	4,770	2,710	3,311	4,352	3,463	4,154	5,599	3,905
Total	304,522	241,574	194,138	220,276	206,705	217,041	183,535	175,274	204,032	183,084	194,019
Alaska Total	2,499,152	2,627,805	2,261,941	2,259,091	2,219,398	2,473,961	2,463,929	2,297,961	2,543,674	2,315,601	2,216,445

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only includes freshwater lakes and streams.

Table 2.10.—Alaska sport fish harvest estimates by species, 1999–2009, and catch estimates by species, 2009.

Species	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
SALMON SPECIES:												
Sea-run Chinook	184,296	177,928	177,473	153,941	177,092	193,041	204,468	200,743	192,816	132,257	133,328	338,517
Sea-run coho	632,829	624,327	811,799	776,033	783,328	861,490	937,965	652,953	716,815	676,376	665,000	1,024,256
Landlocked coho/Chinook	29,105	40,392	33,432	38,468	18,168	25,267	17,214	9,964	9,578	10,433	8,153	32,193
Sockeye	377,483	428,092	354,061	393,343	447,492	444,703	437,120	352,265	487,126	410,087	464,658	743,129
Kokanee salmon	51	22	37	29	0	66	48	32	0	8	110	2,411
Pink	177,295	164,787	136,486	173,644	136,495	193,841	185,548	107,437	168,920	134,546	158,971	767,377
Chum	24,944	41,814	37,196	26,377	34,110	33,568	26,814	22,803	25,048	20,791	31,695	176,270
OTHER SPECIES:												
Steelhead	675	387	421	526	367	396	639	393	249	269	382	17,605
Rainbow trout	132,481	144,873	81,279	117,063	84,531	85,136	60,826	53,086	50,231	49,159	35,976	727,545
Cutthroat trout	5,053	5,313	6,856	4,092	5,132	4,975	3,634	3,405	1,903	2,909	3,644	37,298
Brook trout	112	153	123	387	0	0	0	328	35	0	25	235
Lake trout	9,948	6,292	4,995	7,109	7,084	7,934	7,312	3,103	3,711	4,145	5,190	29,439
Dolly Varden/Arctic char	70,962	87,387	65,103	60,994	67,330	68,593	42,791	46,320	48,260	50,754	45,500	573,488
Arctic grayling	37,252	28,769	25,656	37,910	30,742	26,259	23,634	17,552	19,528	22,586	25,763	401,169
Northern pike	19,766	18,062	23,623	22,567	17,388	28,799	24,819	18,184	17,174	12,959	18,763	79,827
Whitefish	1,824	3,125	7,268	5,488	2,334	6,877	3,553	3,037	3,354	2,403	2,931	10,217
Burbot	6,903	9,809	3,744	9,119	6,099	5,704	6,035	4,377	5,410	4,618	5,853	9,710
Sheefish	1,157	2,037	1,930	1,211	2,851	3,345	2,949	1,576	1,715	797	1,340	7,573
Smelt	108,145	77,623	84,807	96,304	77,999	74,292	30,591	18,211	34,647	35,769	61,432	63,143
Pacific halibut	332,657	403,280	365,539	350,809	402,862	482,550	500,048	462,855	584,764	516,480	440,255	761,227
Shark	516	454	585	438	958	502	1,583	867	1,122	917	396	33,097
Rockfish	120,228	131,658	116,818	120,398	118,316	180,143	183,733	173,159	197,545	226,385	209,094	357,617
Lingcod	30,565	34,817	26,757	20,255	21,521	30,920	37,521	35,124	41,521	36,607	32,176	78,205
Pacific cod	3,471	4,605	3,389	2,562	3,821	3,535	27,950	15,864	20,234	24,777	36,290	99,615
Razor clams	773,758	879,273	673,601	788,665	590,018	550,540	450,961	483,223	389,164	592,910	556,022	556,022
Other fish	12,132	22,792	35,122	8,700	16,098	20,472	17,420	22,545	11,623	7,668	8,316	37,764
Total	3,093,608	3,338,071	3,078,100	3,216,432	3,052,136	3,332,948	3,235,176	2,709,406	3,032,493	2,976,610	2,951,263	6,964,949

Table 2.11.—Estimates of Alaska saltwater sport fish harvest by species, 1999–2009, and catch by species, 2009.

Species	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
SALMON SPECIES:												0
Sea-run Chinook	89,948	83,436	89,192	88,506	95,596	109,632	116,346	116,906	109,741	70,776	88,962	185,154
Sea-run coho	432,794	363,800	537,380	496,716	537,488	560,007	694,520	395,399	506,080	402,799	418,353	512,645
Landlocked coho/Chinook	0	0	0	0	0	0	0	0	0	0	0	0
Sockeye	28,387	25,363	24,687	24,373	28,524	23,536	27,134	20,502	32,050	29,357	34,151	43,827
Kokanee salmon	0	0	0	0	0	0	0	0	0	0	0	0
Pink	142,947	105,488	110,634	113,702	111,034	132,317	149,272	64,742	133,415	88,425	116,893	340,489
Chum	13,338	28,447	23,903	14,103	23,159	24,270	17,442	13,928	18,065	11,603	22,499	56,769
OTHER SPECIES:												0
Steelhead	206	49	116	411	155	242	491	102	179	117	142	481
Rainbow trout	0	0	0	0	0	0	0	0	0	0	0	0
Cutthroat trout	733	857	1,447	863	1,259	1,718	660	766	285	267	697	2,963
Brook trout	0	0	0	0	0	0	0	0	0	0	0	0
Lake trout	0	0	0	0	0	0	0	0	0	0	0	0
Dolly Varden/Arctic char	13,693	21,712	14,256	10,080	11,146	11,891	8,381	9,006	10,144	10,117	7,815	31,208
Arctic grayling	0	0	17	0	0	0	0	290	0	113	0	0
Northern pike	0	0	0	0	0	0	0	0	0	0	0	0
Whitefish	95	0	0	0	76	27	0	234	0	0	241	823
Burbot	0	0	0	0	0	0	0	0	0	0	0	0
Sheefish	14	531	249	24	1,774	982	0	203	65	61	170	547
Smelt	21,503	16,122	21,132	67,539	38,483	17,696	13,664	12,856	24,077	26,433	33,009	34,180
Pacific halibut	332,657	403,280	365,539	350,809	402,862	482,550	500,048	462,855	584,764	516,480	440,255	761,227
Shark	516	454	585	438	958	502	1,583	867	1,122	917	396	33,097
Rockfish	120,228	131,658	116,818	120,398	118,316	180,143	183,733	173,159	197,545	226,385	209,094	357,617
Lingcod	30,565	34,817	26,757	20,255	21,521	30,920	37,521	35,124	41,521	36,607	32,176	78,205
Pacific cod ^a	3,471	4,605	3,389	2,562	3,821	3,535	27,950	15,864	20,234	24,777	36,290	99,615
Razor clams	773,758	879,273	673,601	788,665	590,018	550,540	450,961	483,223	389,164	592,910	556,022	556,022
Other fish	10,112	19,872	25,362	7,087	13,645	17,287	11,469	17,468	10,014	7,218	7,162	34,263
												0
Total	2,014,965	2,119,764	2,035,064	2,106,531	1,999,835	2,147,795	2,241,175	1,823,494	2,078,465	2,045,362	2,004,327	3,129,132

^a Estimates were not generated for this species in Southeast Alaska prior to 2005.

Table 2.12.—Alaska freshwater sport fish harvest estimates by species, 1999–2009, and catch estimates by species, 2009.

Species	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
SALMON SPECIES:												0
Sea-run Chinook	94,348	94,492	88,281	65,435	81,496	83,409	88,122	83,837	83,075	61,481	44,366	153,363
Sea-run coho	200,035	260,527	274,419	279,317	245,840	301,483	243,445	257,554	210,735	273,577	246,647	511,611
Landlocked coho/Chinook	29,105	40,392	33,432	38,468	18,168	25,267	17,214	9,964	9,578	10,433	8,153	32,193
Sockeye	349,096	402,729	329,374	368,970	418,968	421,167	409,986	331,763	455,076	380,730	430,507	699,302
Kokanee salmon	51	22	37	29	0	66	48	32	0	8	110	2,411
Pink	34,348	59,299	25,852	59,942	25,461	61,524	36,276	42,695	35,505	46,121	42,078	426,888
Chum	11,606	13,367	13,293	12,274	10,951	9,298	9,372	8,875	6,983	9,188	9,196	119,501
OTHER SPECIES:												0
Steelhead	469	338	305	115	212	154	148	291	70	152	240	17,124
Rainbow trout	132,481	144,873	81,279	117,063	84,531	85,136	60,826	53,086	50,231	49,159	35,976	727,545
Cutthroat trout	4,320	4,456	5,409	3,229	3,873	3,257	2,974	2,639	1,618	2,642	2,947	34,335
Brook trout	112	153	123	387	0	0	0	328	35	0	25	235
Lake trout	9,948	6,292	4,995	7,109	7,084	7,934	7,312	3,103	3,711	4,145	5,190	29,439
Dolly Varden/Arctic char	57,269	65,675	50,847	50,914	56,184	56,702	34,410	37,314	38,116	40,637	37,685	542,280
Arctic grayling	37,252	28,769	25,639	37,910	30,742	26,259	23,634	17,262	19,528	22,473	25,763	401,169
Northern pike	19,766	18,062	23,623	22,567	17,388	28,799	24,819	18,184	17,174	12,959	18,763	79,827
Whitefish	1,729	3,125	7,268	5,488	2,258	6,850	3,553	2,803	3,354	2,403	2,690	9,394
Burbot	6,903	9,809	3,744	9,119	6,099	5,704	6,035	4,377	5,410	4,618	5,853	9,710
Sheefish	1,143	1,506	1,681	1,187	1,077	2,363	2,949	1,373	1,650	736	1,170	7,026
Smelt	86,642	61,501	63,675	28,765	39,516	56,596	16,927	5,355	10,570	9,336	28,423	28,963
Pacific halibut	0	0	0	0	0	0	0	0	0	0	0	0
Shark	0	0	0	0	0	0	0	0	0	0	0	0
Rockfish	0	0	0	0	0	0	0	0	0	0	0	0
Lingcod	0	0	0	0	0	0	0	0	0	0	0	0
Pacific cod	0	0	0	0	0	0	0	0	0	0	0	0
Razor clams	0	0	0	0	0	0	0	0	0	0	0	0
Other fish	2,020	2,920	9,760	1,613	2,453	3,185	5,951	5,077	1,609	450	1,154	3,501
Total												0
Total												3,835,817

Table 2.13.—Southeast Alaska sport fish harvest estimates by species, 1999–2009, and catch estimates by species, 2009.

Species	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
SALMON SPECIES:												
Sea-run Chinook	72,081	63,173	72,291	69,537	69,370	80,572	86,575	85,794	82,848	49,265	69,565	156,118
Sea-run coho	313,076	192,951	321,106	277,150	322,882	330,651	409,303	209,577	261,445	230,708	254,752	360,121
Landlocked coho/Chinook	2,111	544	1,488	484	1,254	76	536	898	764	404	1,962	4,885
Sockeye	26,476	25,891	19,841	16,840	27,076	20,492	16,501	20,828	17,421	14,144	14,736	27,032
Kokanee salmon	51	22	37	29	0	66	48	32	0	8	110	2,411
Pink	107,142	60,050	75,193	81,182	74,196	99,543	104,331	38,990	89,832	55,684	92,355	349,851
Chum	12,393	23,836	21,357	13,109	21,114	21,484	15,710	10,639	18,169	8,834	21,615	58,877
OTHER SPECIES:												
Steelhead	319	180	258	94	149	169	143	198	113	116	134	10,171
Rainbow trout	2,196	3,029	1,298	1,589	1,119	732	1,159	639	1,182	1,029	1,107	9,290
Cutthroat trout	4,604	4,958	6,391	3,851	4,070	4,708	3,067	3,194	1,627	2,620	3,012	34,782
Brook trout	112	153	123	387	0	0	0	328	35	0	25	235
Lake trout	0	0	0	0	0	0	0	0	0	0	0	0
Dolly Varden/Arctic char	16,441	25,952	16,258	15,720	20,707	16,781	11,602	12,756	8,622	14,746	11,439	86,900
Arctic grayling	228	10	26	14	0	0	193	0	13	0	18	328
Northern pike	0	0	26	0	0	0	181	0	0	0	0	100
Whitefish	0	0	0	15	0	0	48	0	0	0	0	0
Burbot	0	0	0	0	0	0	0	0	0	0	0	0
Sheefish	0	0	0	0	0	0	0	0	0	0	0	0
Smelt	4,479	2,469	3,599	1,396	7,280	3,542	3,410	798	5,082	3,379	2,393	2,463
Pacific halibut	100,681	116,367	113,692	107,185	124,857	151,913	167,806	145,218	183,603	174,227	124,226	197,822
Shark	0	0	0	0	0	0	576	149	349	231	159	12,926
Rockfish	71,489	69,149	57,578	49,749	55,394	87,663	89,990	85,485	94,538	118,997	93,751	157,148
Lingcod	22,252	22,608	16,424	9,597	10,656	16,064	22,087	18,497	14,085	11,899	9,299	28,281
Pacific cod ^a							13,019	9,165	9,267	9,553	11,527	21,478
Razor clams	0	9	65	0	0	0	201	2,523	874	1,738	230	230
Other fish	3,940	5,291	2,413	2,215	5,428	7,960	5,527	13,977	5,046	4,165	3,431	15,692
Total	760,071	616,642	729,464	650,143	745,552	842,416	952,013	659,685	794,915	701,747	715,846	1,537,141

^a Estimates were not generated for this species in Southeast Alaska prior to 2005.

Table 2.14.—Southcentral Alaska sport fish harvest estimates by species, 1999–2009, and catch estimates by species, 2009.

Species	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
SALMON SPECIES:												
Sea-run Chinook	102,360	106,883	97,881	76,609	98,287	105,789	111,664	109,055	101,059	77,334	59,855	167,064
Sea-run coho	309,564	419,835	480,048	488,911	450,231	516,183	514,473	425,981	444,032	426,916	397,945	615,212
Landlocked coho/Chinook	18,125	22,467	21,465	20,009	10,183	16,732	13,500	6,525	4,525	4,677	3,607	17,959
Sockeye	338,741	388,973	325,590	368,472	412,365	416,752	411,382	316,254	445,748	383,143	436,113	692,568
Kokanee salmon	0	0	0	0	0	0	0	0	0	0	0	0
Pink	67,102	101,189	60,922	87,950	59,895	85,465	78,124	62,740	77,457	70,328	64,974	407,679
Chum	10,873	14,893	12,201	10,862	10,486	11,057	9,625	8,332	5,472	7,989	8,903	95,833
OTHER SPECIES:												
Steelhead	348	207	163	432	218	227	496	195	136	153	248	7,414
Rainbow trout	77,707	89,171	57,629	73,542	53,155	56,082	39,790	33,119	30,361	36,334	23,365	618,940
Cutthroat trout	449	355	465	241	1,062	267	567	211	276	289	632	2,516
Brook trout	0	0	0	0	0	0	0	0	0	0	0	0
Lake trout	5,817	3,118	3,092	3,747	3,983	5,690	4,572	1,832	2,451	3,089	2,892	17,087
Dolly Varden/Arctic char	36,606	43,761	35,343	29,755	30,866	37,059	21,647	23,102	29,343	26,024	22,081	392,445
Arctic grayling	8,749	6,621	7,022	6,929	5,987	7,291	3,697	4,730	5,011	6,251	5,663	94,860
Northern pike	13,327	12,019	16,673	14,862	11,282	17,122	13,802	13,261	11,062	9,270	12,919	42,500
Whitefish	277	524	1,988	1,053	661	1,031	1,558	746	1,020	1,176	1,183	4,127
Burbot	1,373	2,552	740	1,467	1,378	1,248	1,624	1,351	1,290	2,458	1,055	2,134
Sheefish	0	0	0	0	0	0	0	0	0	0	0	0
Smelt	100,620	72,505	80,084	94,434	70,719	68,330	27,181	17,063	26,420	32,086	58,592	60,028
Pacific halibut	231,708	286,366	251,847	243,624	277,924	330,609	332,114	317,637	401,161	342,253	316,029	563,405
Shark	516	454	585	438	958	502	1,007	718	773	686	237	20,171
Rockfish	48,739	62,509	59,240	70,649	62,922	92,480	93,743	87,674	103,007	107,388	115,343	200,469
Lingcod	8,313	12,209	10,333	10,658	10,865	14,856	15,434	16,627	27,436	24,708	22,877	49,924
Pacific cod	3,471	4,605	3,389	2,562	3,821	3,535	14,931	6,699	10,967	15,224	24,763	78,124
Razor clams	773,758	879,264	673,536	788,665	590,018	550,540	450,760	480,700	388,290	588,098	555,792	555,792
Other fish	5,319	16,805	28,603	5,955	10,289	11,393	11,516	8,318	5,915	3,280	4,725	21,333
Total	2,163,862	2,547,285	2,228,839	2,401,826	2,177,555	2,350,240	2,173,207	1,942,870	2,123,212	2,169,154	2,139,793	4,727,584

Table 2.15.—Arctic-Yukon-Kuskokwim Alaska sport fish harvest estimates by species, 1999–2009, and catch estimates by species, 2009.

Species	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
SALMON SPECIES:												
Sea-run Chinook	9,855	7,872	7,301	7,795	9,435	6,680	6,229	5,894	8,909	5,658	3,908	15,335
Sea-run coho	10,189	11,541	10,645	9,972	10,215	14,656	14,189	17,395	11,338	18,752	12,303	48,923
Landlocked coho/Chinook	8,869	17,381	10,479	17,975	6,731	8,459	3,178	2,541	4,289	5,352	2,584	9,349
Sockeye	12,266	13,228	8,630	8,031	8,051	7,459	9,237	15,183	23,957	12,800	13,809	23,529
Kokanee salmon	0	0	0	0	0	0	0	0	0	0	0	0
Pink	3,051	3,548	371	4,512	2,404	8,833	3,093	5,707	1,631	8,534	1,642	9,847
Chum	1,678	3,085	3,638	2,406	2,510	1,027	1,479	3,832	1,407	3,968	1,177	21,560
OTHER SPECIES:												
Steelhead	8	0	0	0	0	0	0	0	0	0	0	20
Rainbow trout	52,578	52,673	22,352	41,932	30,257	28,322	19,877	19,328	18,688	11,796	11,504	99,315
Cutthroat trout	0	0	0	0	0	0	0	0	0	0	0	0
Brook trout	0	0	0	0	0	0	0	0	0	0	0	0
Lake trout	4,131	3,174	1,903	3,362	3,101	2,244	2,740	1,271	1,260	1,056	2,298	12,352
Dolly Varden/Arctic char	17,915	17,674	13,502	15,519	15,757	14,753	9,542	10,462	10,295	9,984	11,980	94,143
Arctic grayling	28,275	22,138	18,608	30,967	24,755	18,968	19,744	12,822	14,504	16,335	20,082	305,981
Northern pike	6,439	6,043	6,924	7,705	6,106	11,677	10,836	4,923	6,112	3,689	5,844	37,227
Whitefish	1,547	2,601	5,280	4,420	1,673	5,846	1,947	2,291	2,334	1,227	1,748	6,090
Burbot	5,530	7,257	3,004	7,652	4,721	4,456	4,411	3,026	4,120	2,160	4,798	7,576
Sheefish	1,157	2,037	1,930	1,211	2,851	3,345	2,949	1,576	1,715	797	1,340	7,573
Smelt	3,046	2,649	1,124	474	0	2,420	0	350	3,145	304	447	652
Pacific halibut	268	547	0	0	81	28	128	0	0	0	0	0
Shark	0	0	0	0	0	0	0	0	0	0	0	0
Rockfish	0	0	0	0	0	0	0	0	0	0	0	0
Lingcod	0	0	0	0	0	0	0	0	0	0	0	0
Pacific cod	0	0	0	0	0	0	0	0	0	0	0	13
Razor clams	0	0	0	0	0	0	0	0	0	3,074	0	0
Other fish	2,873	696	4,106	530	381	1,119	377	250	662	223	160	739
Total	169,675	174,144	119,797	164,463	129,029	140,292	109,956	106,851	114,366	105,709	95,624	700,224

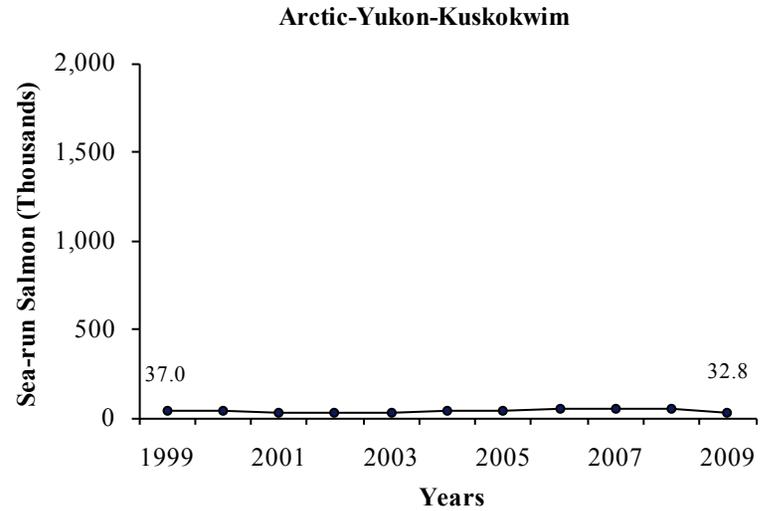
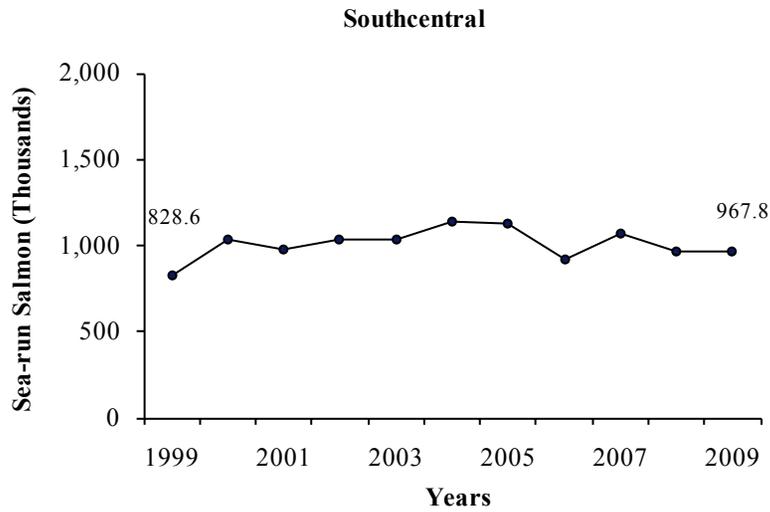
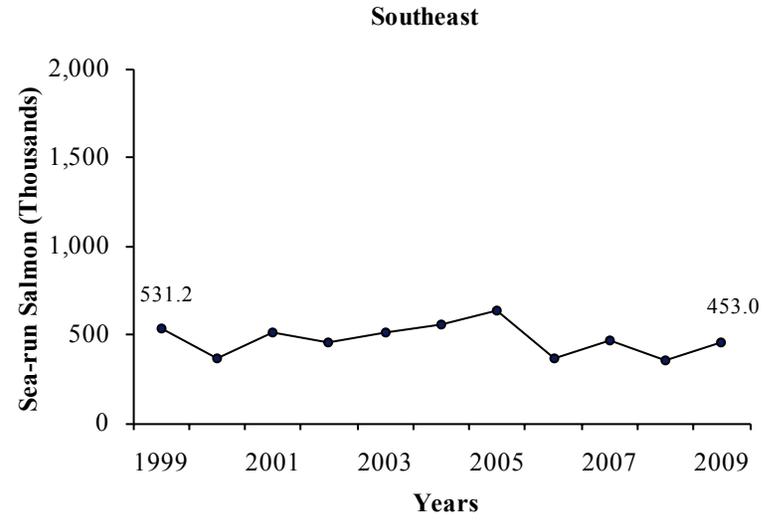
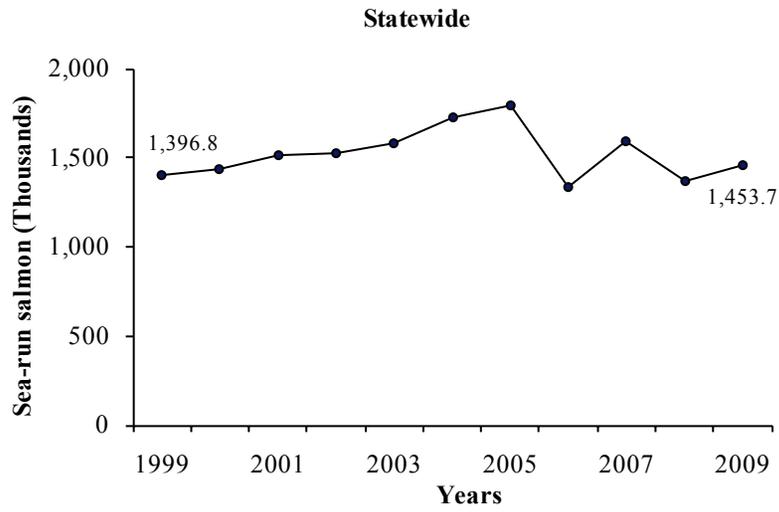


Figure 2.4.—Alaska sport sea-run salmon harvest estimates, 1999–2009, statewide and by region.

Table 2.16.—Alaska sport sea-run salmon harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	102,640	80,955	87,655	101,979	99,272	132,835	128,550	54,153	100,584	86,155	135,185	273,426
Prince of Wales	107,984	74,379	117,576	111,778	124,892	101,497	149,989	76,237	106,863	92,729	92,900	198,039
Kake, Petersburg, Wrangell, Stikine	29,305	15,758	22,351	20,481	20,306	23,763	25,808	17,686	19,993	14,714	22,342	41,087
Sitka ^a	125,974	68,451	117,502	68,994	101,736	111,611	140,321	92,072	116,177	75,426	72,468	127,820
Juneau	92,539	69,899	87,336	74,005	82,115	79,510	88,466	59,999	50,636	38,485	56,936	133,023
Haines-Skagway	7,994	8,587	12,684	18,158	11,996	18,502	14,347	8,851	8,997	4,613	9,066	30,041
Glacier Bay ^a	23,777	20,698	40,030	44,138	32,047	41,676	50,006	27,355	33,682	20,259	36,919	64,815
Yakutat	40,955	27,174	24,654	18,285	42,274	43,348	34,933	29,475	32,783	26,254	27,207	83,748
Total	531,168	365,901	509,788	457,818	514,638	552,742	632,420	365,828	469,715	358,635	453,023	951,999
Southcentral												
North Gulf Coast/Prince William Sound ^b	100,841	140,952	262,171	234,030	266,769	268,161	326,863	224,911	305,182	226,881	229,501	350,974
Knik Arm	21,668	45,099	38,248	54,413	34,927	45,669	35,169	49,866	39,740	46,458	46,631	75,043
Anchorage	19,120	36,942	47,292	30,651	19,909	18,471	20,854	25,706	17,345	23,181	18,836	89,995
Susitna River drainage ^c	50,603	70,792	53,727	48,454	35,318	77,606	70,781	78,914	59,691	63,693	56,783	243,591
West Cook Inlet ^{c,d}	53,046	67,617	62,603	47,500	61,433	20,538	17,235	18,039	22,358	20,924	15,173	31,665
Kenai Peninsula-Cook Inlet ^{b,d}	478,012	550,981	411,919	513,048	507,234	570,964	530,869	410,611	496,808	455,681	478,015	768,322
Kodiak	58,216	69,125	55,990	70,105	60,959	73,323	74,917	61,305	76,984	68,633	64,372	188,025
Alaska Peninsula-Aleutian Islands	19,222	20,618	20,169	18,272	20,733	27,851	16,883	20,350	24,101	24,361	28,462	83,773
Kvichak River drainage	16,487	12,510	8,158	6,036	6,691	12,942	12,723	12,106	9,119	13,576	11,863	58,544
Nushagak, Wood River, and Togiak	11,425	17,137	16,365	10,295	17,291	19,721	18,974	20,554	22,440	22,322	18,154	88,424
Total	828,640	1,031,773	976,642	1,032,804	1,031,264	1,135,246	1,125,268	922,362	1,073,768	965,710	967,790	1,978,356
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	17,867	18,216	13,165	13,243	13,102	10,030	12,300	17,776	28,122	15,106	14,806	24,055
Tanana River drainage	1,926	584	1,818	1,326	3,533	2,133	894	1,582	929	485	1,022	7,488
Kuskokwim River and Bay drainages	7,088	5,666	6,467	6,670	6,433	9,338	8,149	6,279	7,660	8,784	7,205	49,665
Seward Peninsula-Norton Sound	9,462	12,261	7,244	10,134	6,364	15,552	12,049	18,393	8,952	21,801	8,587	27,969
Northwest Alaska	424	729	1,700	633	727	196	106	2,832	706	2,684	229	3,646
Yukon River drainage	272	407	191	639	2,407	1,318	729	794	873	636	979	6,337
North Slope-Brooks Range	0	1,411	0	71	49	88	0	355	0	216	11	34
Total	37,039	39,274	30,585	32,716	32,615	38,655	34,227	48,011	47,242	49,712	32,839	119,194
Alaska Total	1,396,847	1,436,948	1,517,015	1,523,338	1,578,517	1,726,643	1,791,915	1,336,201	1,590,725	1,374,057	1,453,652	3,049,549

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

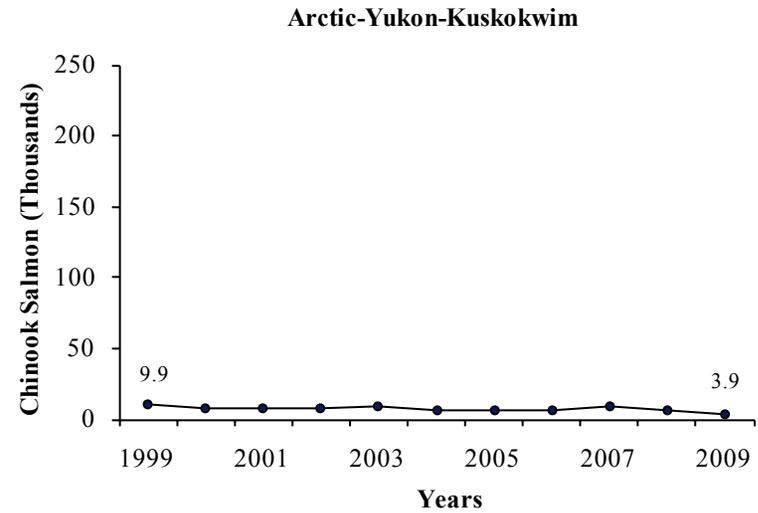
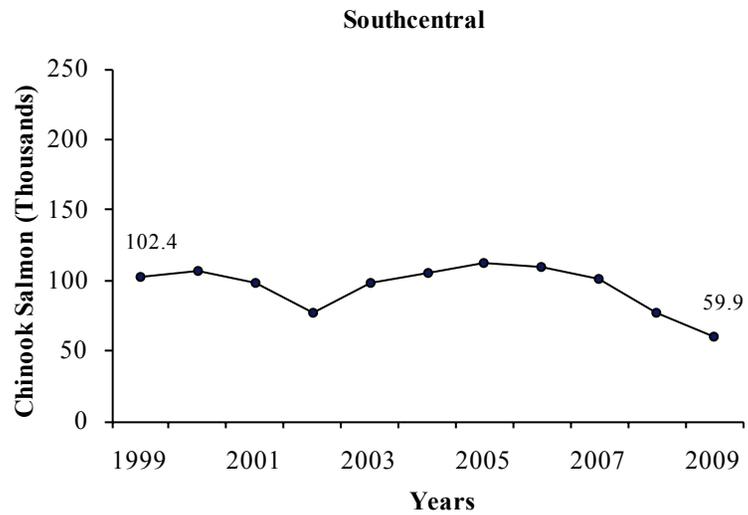
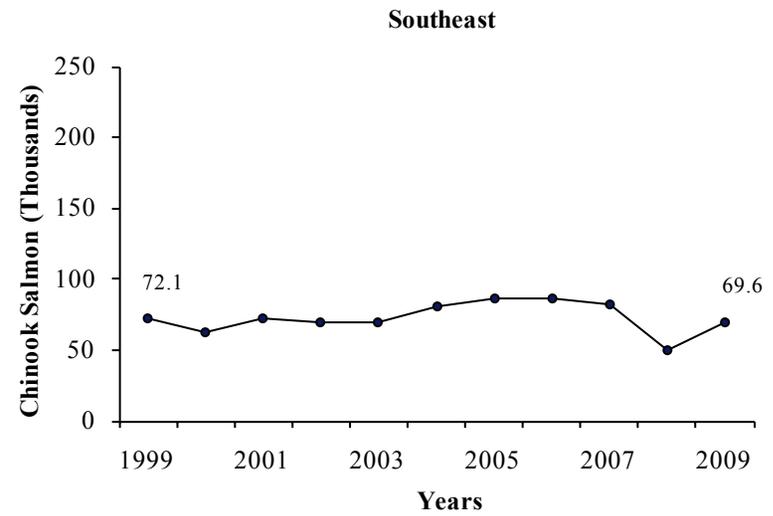
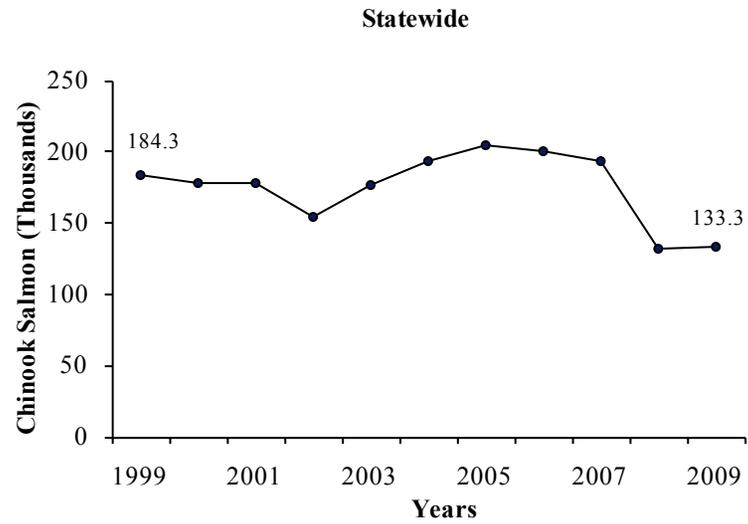


Figure 2.5.—Alaska sport sea-run Chinook salmon harvest estimates, 1999–2009, statewide and by region.

Table 2.17.—Alaska sport sea-run Chinook salmon harvest estimates, 1999–2009, and catch estimates 2009 by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	7,916	9,570	10,348	12,366	11,788	14,393	16,483	10,084	11,370	11,030	22,633	60,298
Prince of Wales	8,518	6,755	7,455	11,917	7,793	10,120	13,615	12,670	11,633	3,894	5,793	16,298
Kake, Petersburg, Wrangell, Stikine	9,502	8,926	9,962	8,542	7,465	7,958	8,988	10,972	10,797	5,669	5,328	9,398
Sitka ^a	28,548	18,888	24,205	17,994	21,727	26,443	26,698	34,751	30,879	15,337	18,336	36,965
Juneau	11,574	12,126	15,215	13,364	13,679	14,756	14,948	11,163	10,372	10,524	12,169	20,373
Haines-Skagway	1,168	1,342	1,252	1,550	2,117	1,895	1,359	1,302	1,300	450	735	2,338
Glacier Bay ^a	2,095	3,217	2,711	2,838	3,325	3,601	3,343	3,488	5,363	1,671	3,277	6,714
Yakutat	2,760	2,349	1,143	966	1,476	1,406	1,141	1,364	1,134	690	1,294	3,734
Total	72,081	63,173	72,291	69,537	69,370	80,572	86,575	85,794	82,848	49,265	69,565	156,118
Southeast												
North Gulf Coast/Prince William Sound ^b	1,763	2,383	4,844	5,112	6,372	5,553	6,059	7,931	6,438	5,650	6,145	12,437
Knik Arm	2,724	2,825	2,255	3,195	2,562	2,556	3,692	3,813	4,326	2,843	2,152	4,388
Anchorage	5,462	4,751	4,452	2,421	3,678	3,160	4,329	3,165	3,106	2,647	1,027	2,655
Susitna River drainage ^c	16,875	11,773	13,504	10,695	9,499	24,192	24,632	24,864	20,341	13,426	8,368	27,259
West Cook Inlet ^{c,d}	13,744	18,776	14,702	12,612	16,231	795	592	1,038	1,380	437	829	1,907
Kenai Peninsula-Cook Inlet ^{b,d}	45,825	46,405	38,611	29,889	40,228	44,107	48,870	42,633	39,017	31,959	22,183	53,725
Kodiak	6,791	9,624	7,649	5,674	9,031	11,263	9,298	11,821	11,251	9,466	8,854	13,002
Alaska Peninsula-Aleutian Islands	3,203	2,927	4,028	2,528	3,105	4,263	3,215	3,682	2,538	2,134	2,826	9,413
Kvichak River drainage	676	688	592	421	577	1,293	1,440	1,132	1,075	1,072	300	3,371
Nushagak, Wood River, and Togiak	5,297	6,731	7,244	4,062	7,004	8,607	9,537	8,976	11,587	7,700	7,171	38,907
Total	102,360	106,883	97,881	76,609	98,287	105,789	111,664	109,055	101,059	77,334	59,855	167,064
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	6,742	5,531	4,904	5,098	5,717	3,435	4,093	3,425	5,113	3,618	1,355	4,231
Tanana River drainage	1,001	177	667	478	2,153	1,319	483	638	549	254	836	2,632
Kuskokwim River and Bay drainages	1,440	1,181	1,384	1,397	734	1,197	1,092	1,277	2,543	1,037	1,399	6,879
Seward Peninsula-Norton Sound	630	878	334	802	239	535	561	427	277	580	291	623
Northwest Alaska	20	6	0	12	26	0	0	0	16	14	0	0
Yukon River drainage	22	99	12	8	566	194	0	101	411	155	27	970
North Slope-Brooks Range	0	0	0	0	0	0	0	26	0	0	0	0
Total	9,855	7,872	7,301	7,795	9,435	6,680	6,229	5,894	8,909	5,658	3,908	15,335
Alaska Total												
	184,296	177,928	177,473	153,941	177,092	193,041	204,468	200,743	192,816	132,257	133,328	338,517

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

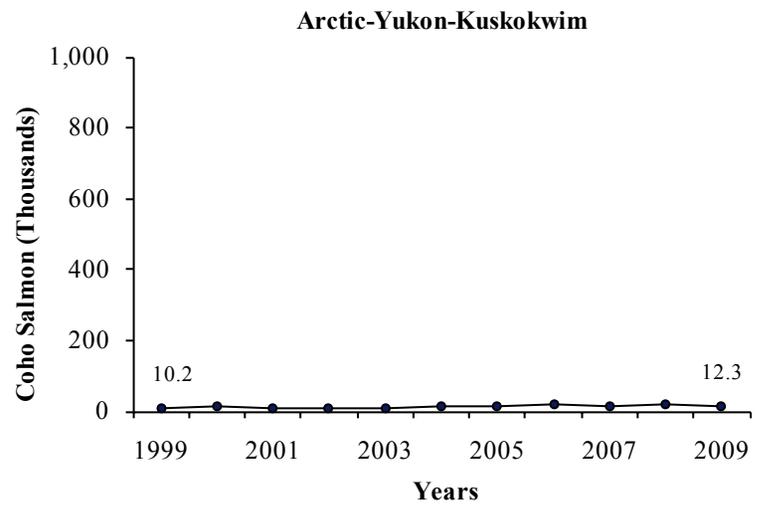
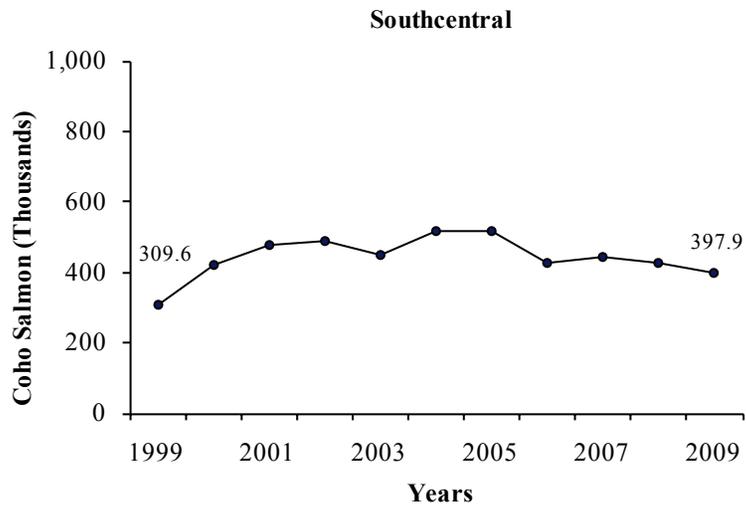
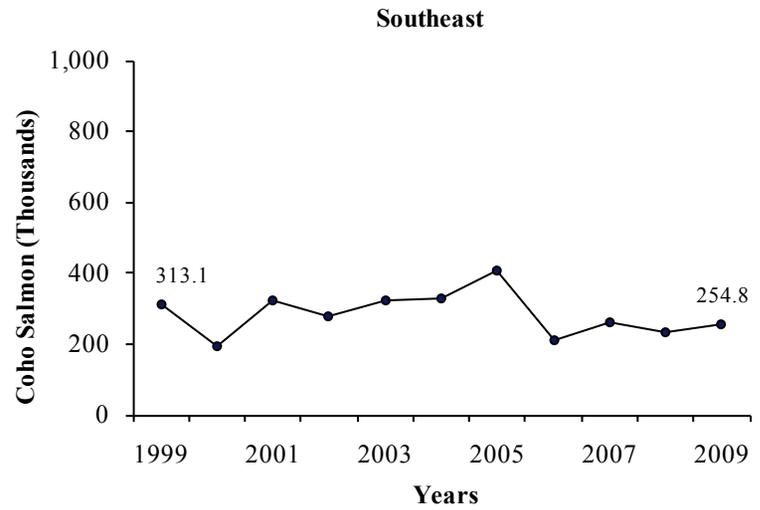
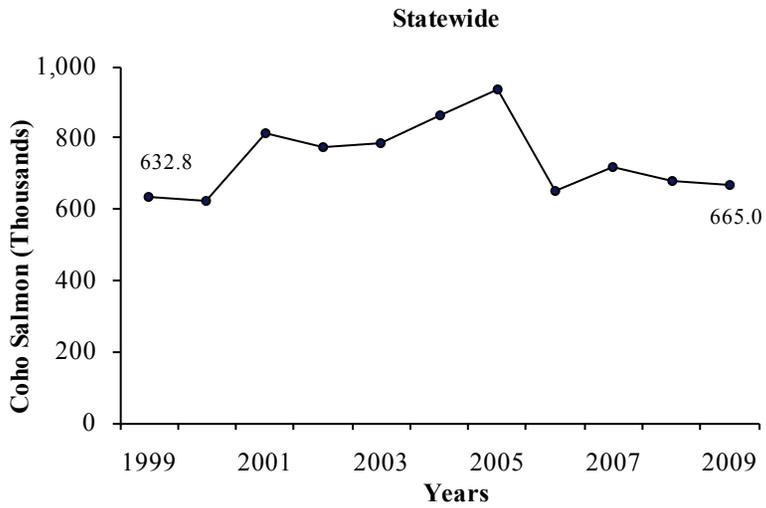


Figure 2.6.—Alaska sport sea-run coho salmon harvest estimates, 1999–2009, statewide and by region.

Table 2.18.—Alaska sport sea-run coho salmon harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	53,000	33,033	47,303	56,126	51,602	64,294	72,700	31,813	47,067	47,464	70,519	93,517
Prince of Wales	76,552	49,077	87,553	74,834	94,838	74,586	114,871	48,886	69,223	71,872	67,182	83,904
Kake, Petersburg, Wrangell, Stikine	12,763	3,847	6,916	9,268	9,348	11,894	12,645	4,578	6,043	7,043	11,233	15,113
Sitka ^a	76,246	39,506	83,514	40,205	68,507	70,090	98,161	49,283	71,913	53,401	44,640	53,340
Juneau	51,297	39,254	49,296	48,480	49,658	47,088	56,435	39,193	28,408	18,578	25,304	33,716
Haines-Skagway	2,578	2,435	4,194	6,361	4,031	5,253	2,646	3,465	2,478	1,637	3,089	4,988
Glacier Bay ^a	11,990	13,271	26,918	30,992	20,648	26,996	29,695	16,845	17,381	13,039	14,910	19,227
Yakutat	28,650	12,528	15,412	10,884	24,250	30,450	22,150	15,514	18,932	17,674	17,875	56,316
Total	313,076	192,951	321,106	277,150	322,882	330,651	409,303	209,577	261,445	230,708	254,752	360,121
Southcentral												
North Gulf Coast/Prince William Sound ^b	53,089	87,467	207,563	186,733	210,185	211,977	259,172	181,690	237,486	175,016	175,965	224,583
Knik Arm	14,429	32,530	30,106	44,448	24,583	34,298	27,000	39,953	27,733	35,996	37,380	52,685
Anchorage	12,266	28,191	40,693	26,260	13,375	13,447	15,063	19,863	10,692	17,996	10,805	17,736
Susitna River drainage ^c	23,292	37,748	26,617	27,183	18,585	38,269	36,223	45,738	30,261	41,708	31,193	59,871
West Cook Inlet ^{c, d}	29,650	36,459	36,237	29,316	30,760	16,179	12,572	11,940	12,580	14,673	9,801	19,410
Kenai Peninsula-Cook Inlet ^{b, d}	137,132	153,464	95,023	123,318	101,999	132,339	105,168	77,105	72,334	84,285	79,547	113,475
Kodiak	27,781	30,975	28,653	37,429	31,976	46,101	42,951	32,190	35,489	32,067	32,574	65,486
Alaska Peninsula-Aleutian Islands	8,678	7,293	9,178	9,418	12,190	13,665	9,164	9,277	9,945	12,133	12,666	30,066
Kvichak River drainage	1,049	1,141	1,835	1,310	1,430	3,082	2,132	2,273	1,316	2,547	1,921	7,384
Nushagak, Wood River, and Togiak	2,198	4,567	4,143	3,496	5,148	6,826	5,028	5,952	6,196	10,495	6,093	24,516
Total	309,564	419,835	480,048	488,911	450,231	516,183	514,473	425,981	444,032	426,916	397,945	615,212
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	24	324	92	384	277	131	72	54	0	57	36	36
Tanana River drainage	451	310	1,122	541	1,317	716	267	629	339	170	115	4,330
Kuskokwim River and Bay drainages	3,974	3,294	4,474	4,265	5,297	7,096	5,591	3,793	3,802	6,344	4,724	23,143
Seward Peninsula-Norton Sound	5,582	7,359	4,802	4,211	3,039	5,806	7,899	12,283	6,897	11,947	6,579	17,320
Northwest Alaska	0	10	29	20	125	0	0	265	42	63	0	18
Yukon River drainage	158	244	126	551	160	907	360	371	258	171	849	4,076
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	10,189	11,541	10,645	9,972	10,215	14,656	14,189	17,395	11,338	18,752	12,303	48,923
Alaska Total	632,829	624,327	811,799	776,033	783,328	861,490	937,965	652,953	716,815	676,376	665,000	1,024,256

^a In 2000, Glacier Bay Area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only includes freshwater lakes and streams.

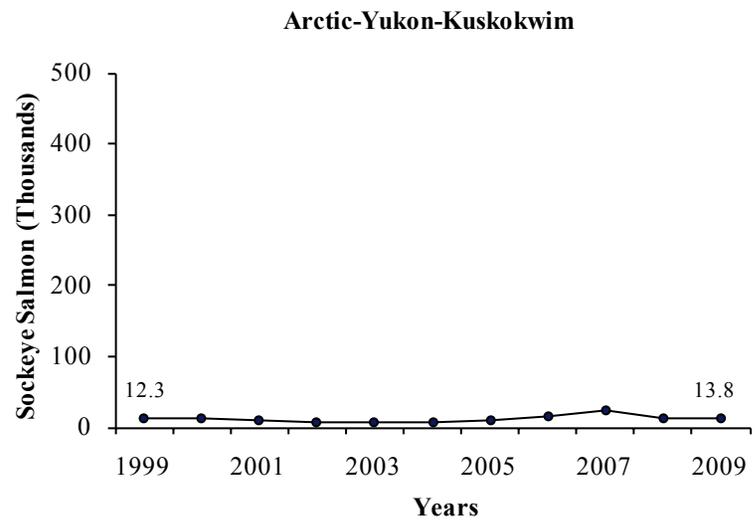
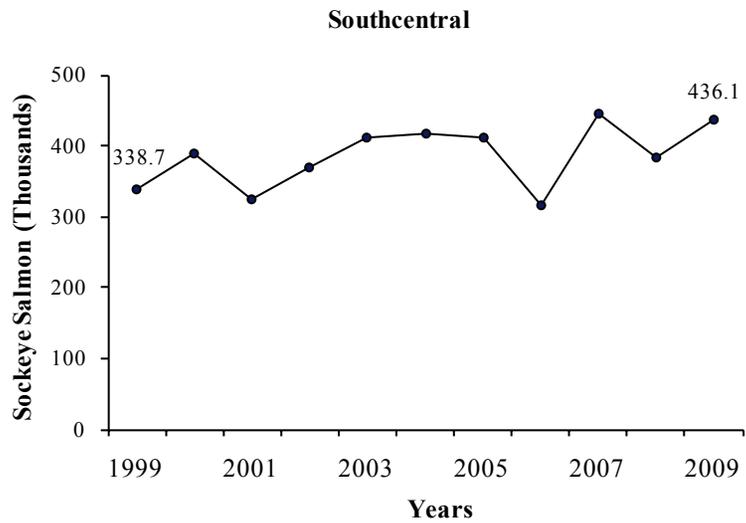
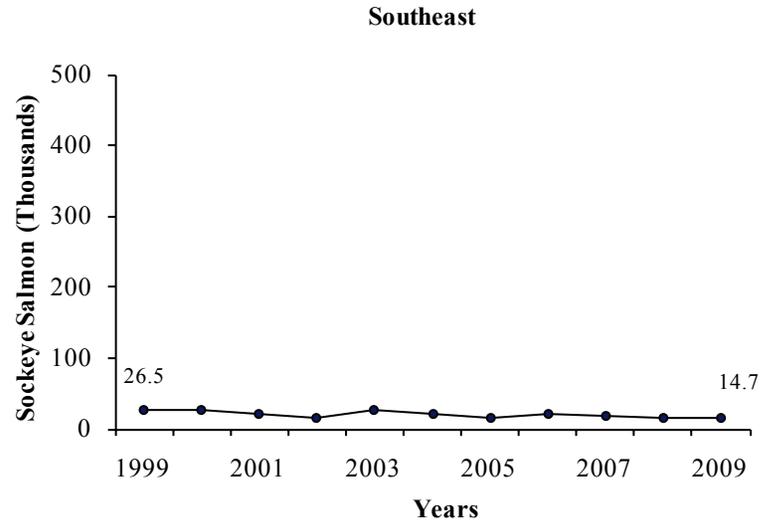
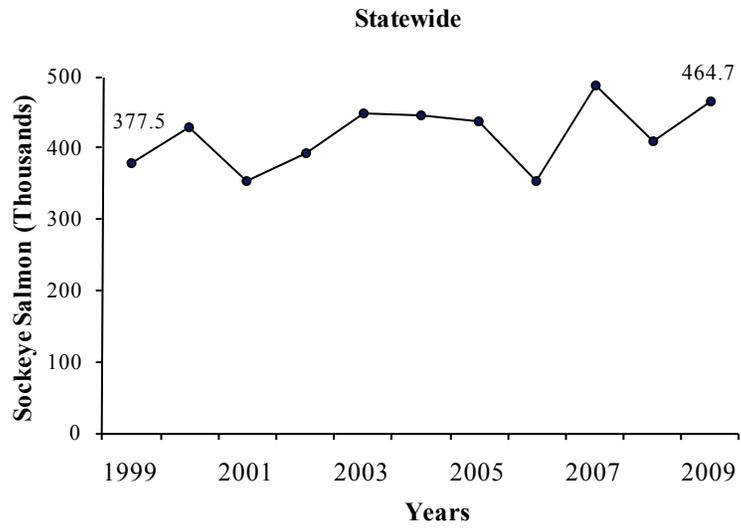


Figure 2.7.—Alaska sport sea-run sockeye harvest estimates, 1999–2009, statewide and by region.

Table 2.19.—Alaska sport sockeye salmon harvest estimates, 1999–2009, and catch estimates, 2009 by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	2,095	3,152	1,436	1,082	3,040	1,175	1,298	1,075	1,622	727	1,546	1,854
Prince of Wales	3,951	3,983	3,304	2,103	1,932	1,049	1,105	1,977	1,894	1,337	1,364	2,207
Kake, Petersburg, Wrangell, Stikine	754	1,292	1,450	1,185	1,314	1,080	170	918	596	763	1,264	2,126
Sitka ^a	7,566	2,382	1,962	1,288	2,184	2,391	1,582	1,740	1,965	407	725	1,177
Juneau	2,733	2,451	2,098	1,202	1,242	1,797	2,724	1,583	1,287	2,556	2,177	3,851
Haines-Skagway	683	944	3,184	3,260	2,446	1,294	1,133	1,454	725	1,100	430	834
Glacier Bay ^a	85	416	254	544	923	1,108	935	1,033	316	252	538	925
Yakutat	8,609	11,271	6,153	6,176	13,995	10,598	7,554	11,048	9,016	7,002	6,692	14,058
Total	26,476	25,891	19,841	16,840	27,076	20,492	16,501	20,828	17,421	14,144	14,736	27,032
Southcentral												
North Gulf Coast/Prince William Sound ^b	10,666	9,830	7,856	10,033	10,026	12,462	12,116	9,851	18,162	13,507	20,064	24,564
Knik Arm	3,658	7,536	4,328	4,619	6,606	7,148	3,460	4,622	7,030	6,695	5,997	11,248
Anchorage	542	537	894	330	943	286	551	91	172	223	192	663
Susitna River drainage ^c	4,608	6,509	6,776	3,427	2,734	6,465	4,105	2,308	4,921	4,689	9,783	19,684
West Cook Inlet ^{c,d}	8,269	9,549	9,785	4,191	13,440	3,323	4,025	4,993	8,187	5,652	4,261	8,007
Kenai Peninsula-Cook Inlet ^{b,d}	280,544	317,107	269,416	324,720	354,020	365,196	363,352	269,663	376,099	314,178	362,955	535,078
Kodiak	10,405	16,972	12,199	12,215	12,562	7,884	10,374	6,317	13,541	17,800	11,117	25,349
Alaska Peninsula-Aleutian Islands	4,232	7,717	6,079	4,927	4,431	5,324	2,871	5,885	7,857	8,596	8,679	26,507
Kvichak River drainage	14,009	9,513	4,983	2,815	3,795	7,219	7,632	8,245	6,273	9,346	9,580	31,914
Nushagak, Wood River, and Togiak	1,808	3,703	3,274	1,195	3,808	1,445	2,896	4,279	3,506	2,457	3,485	9,554
Total	338,741	388,973	325,590	368,472	412,365	416,752	411,382	316,254	445,748	383,143	436,113	692,568
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	11,101	12,361	8,169	7,761	7,108	6,464	8,135	14,297	23,009	11,431	13,415	19,788
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	1,154	822	422	267	289	512	792	864	876	1,109	394	3,595
Seward Peninsula-Norton Sound	0	45	39	0	572	404	232	22	72	260	0	112
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	11	0	0	3	82	79	78	0	0	0	0	34
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	12,266	13,228	8,630	8,031	8,051	7,459	9,237	15,183	23,957	12,800	13,809	23,529
Alaska Total	377,483	428,092	354,061	393,343	447,492	444,703	437,120	352,265	487,126	410,087	464,658	743,129

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

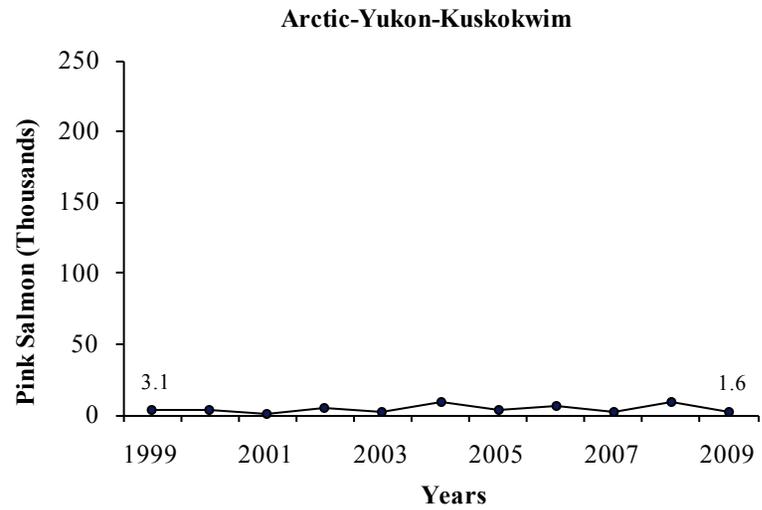
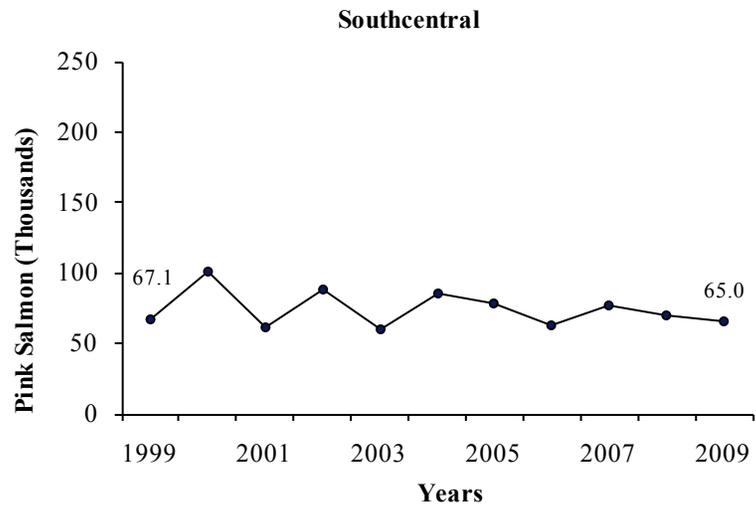
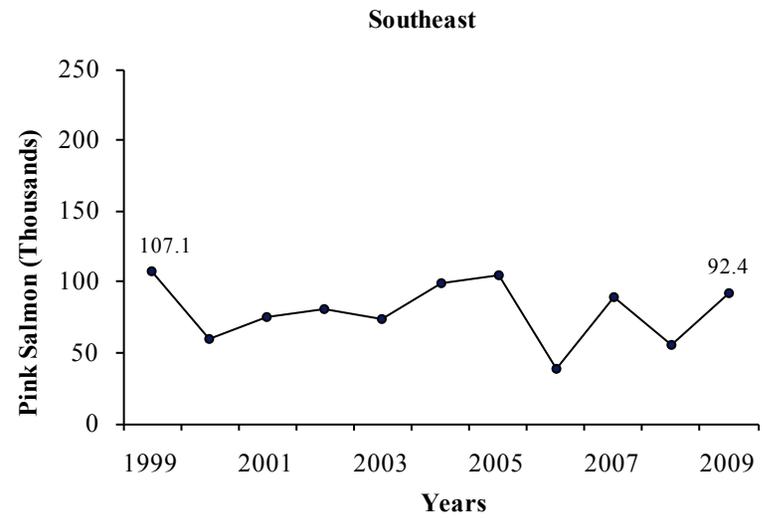
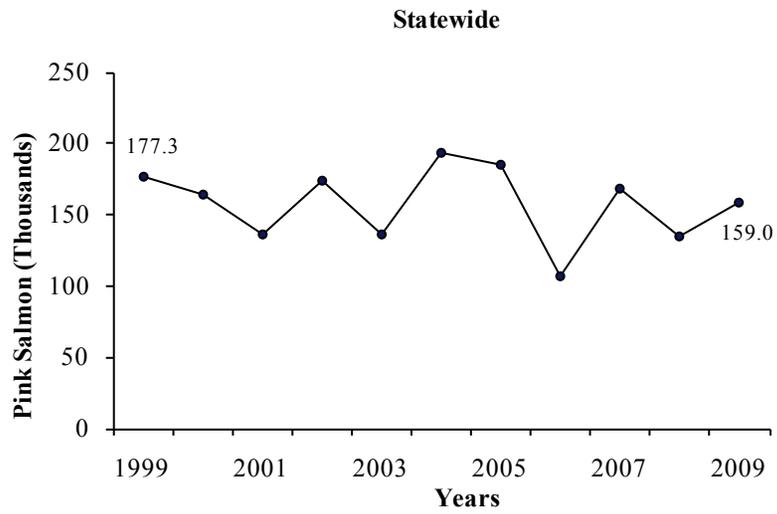


Figure 2.8.—Alaska sport pink salmon harvest estimates, 1999–2009, statewide and by region.

Table 2.20.—Alaska sport pink salmon harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	36,051	25,698	22,570	28,815	26,403	45,488	33,334	9,349	34,154	25,099	32,907	102,422
Prince of Wales	17,988	12,317	17,033	20,264	16,631	14,359	16,987	10,667	22,357	14,817	16,899	88,014
Kake, Petersburg, Wrangell, Stikine	5,144	862	3,560	1,187	1,851	2,256	3,544	959	2,044	1,195	3,783	11,578
Sitka ^a	11,903	4,798	5,298	7,568	6,503	8,099	12,178	4,951	8,823	4,708	6,241	29,441
Juneau	22,818	9,062	12,578	7,787	12,566	11,101	11,344	4,981	7,375	4,372	11,319	56,307
Haines-Skagway	3,212	3,560	3,665	6,355	2,818	9,430	8,641	1,885	3,173	842	4,255	19,170
Glacier Bay ^a	9,200	2,826	8,608	8,959	5,175	7,932	14,323	4,698	8,327	3,867	15,616	33,595
Yakutat	826	927	1,881	247	2,249	878	3,980	1,500	3,579	784	1,335	9,324
Total	107,142	60,050	75,193	81,182	74,196	99,543	104,331	38,990	89,832	55,684	92,355	349,851
Southcentral												
North Gulf Coast/Prince William Sound ^b	33,993	38,514	39,699	30,432	37,903	35,155	47,618	22,690	41,610	30,211	25,815	81,810
Knik Arm	119	954	404	466	52	859	270	698	287	304	370	3,355
Anchorage	721	3,123	783	1,168	1,600	1,272	677	2,345	3,278	2,032	6,426	62,996
Susitna River drainage ^c	2,887	11,483	3,650	3,760	1,775	5,613	3,156	4,505	2,703	2,289	5,518	108,978
West Cook Inlet ^{c,d}	840	2,200	1,175	966	449	157	46	55	166	9	181	1,501
Kenai Peninsula-Cook Inlet ^{b,d}	12,906	31,434	7,617	33,671	10,221	28,772	12,964	20,277	9,162	24,666	12,761	62,521
Kodiak	12,813	10,599	6,498	14,696	6,842	7,476	11,513	10,495	16,316	8,602	11,118	76,975
Alaska Peninsula-Aleutian Islands	2,681	2,409	551	979	620	3,755	1,407	1,348	3,498	1,366	2,750	7,675
Kvichak River drainage	49	268	330	1,070	199	1,041	381	78	298	296	12	606
Nushagak, Wood River, and Togiak	93	205	215	742	234	1,365	92	249	139	553	23	1,262
Total	67,102	101,189	60,922	87,950	59,895	85,465	78,124	62,740	77,457	70,328	64,974	407,679
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	10	11	143	46	416	66	187	0	32	337	1,650
Seward Peninsula-Norton Sound	3,039	2,890	360	4,303	2,222	8,309	3,027	5,317	1,601	8,259	1,305	7,801
Northwest Alaska	12	0	0	0	63	0	0	15	30	27	0	396
Yukon River drainage	0	0	0	0	24	33	0	54	0	0	0	0
North Slope-Brooks Range	0	648	0	66	49	75	0	134	0	216	0	0
Total	3,051	3,548	371	4,512	2,404	8,833	3,093	5,707	1,631	8,534	1,642	9,847
Alaska Total	177,295	164,787	136,486	173,644	136,495	193,841	185,548	107,437	168,920	134,546	158,971	767,377

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

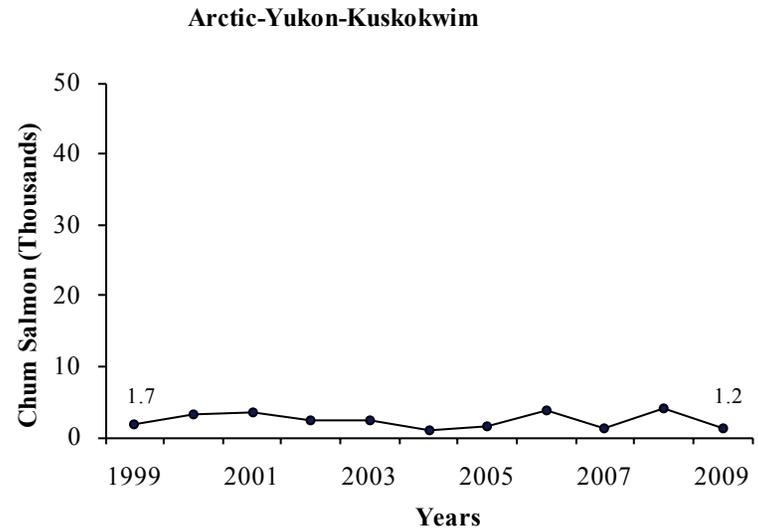
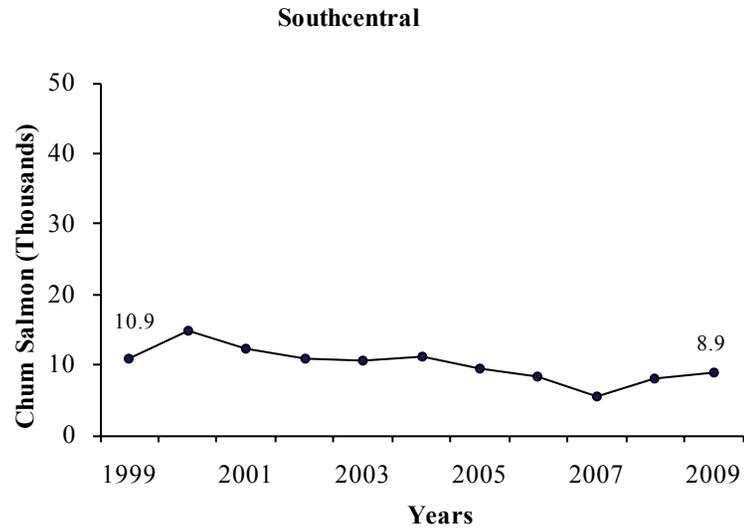
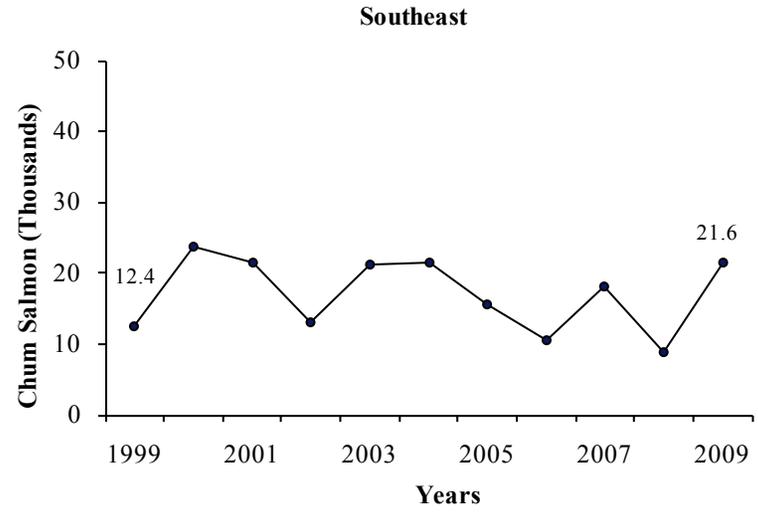
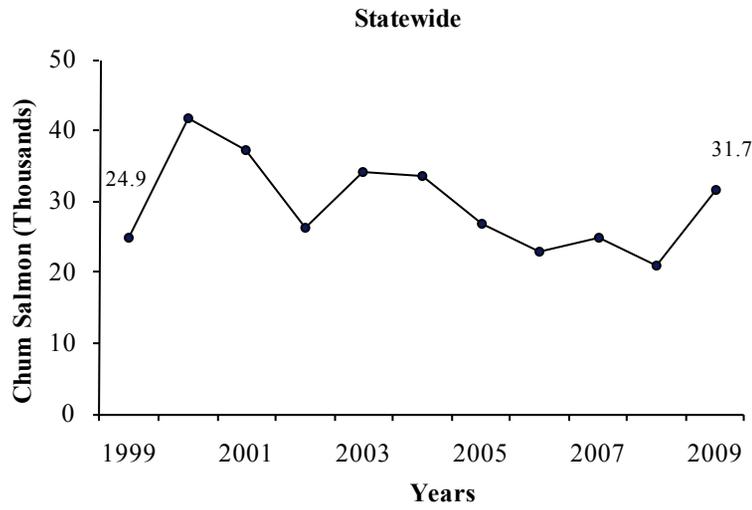


Figure 2.9.—Alaska sport chum salmon harvest estimates, 1999–2009, statewide and by region.

Table 2.21.—Alaska sport chum salmon harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	3,578	9,502	5,998	3,590	6,439	7,485	4,735	1,832	6,371	1,835	7,580	15,335
Prince of Wales	975	2,247	2,231	2,660	3,698	1,383	3,411	2,037	1,756	809	1,662	7,616
Kake, Petersburg, Wrangell, Stikine	1,142	831	463	299	328	575	461	259	513	44	734	2,872
Sitka ^a	1,711	2,877	2,523	1,939	2,815	4,588	1,702	1,347	2,597	1,573	2,526	6,897
Juneau	4,117	7,006	8,149	3,172	4,970	4,768	3,015	3,079	3,194	2,455	5,967	18,776
Haines-Skagway	353	306	389	632	584	630	568	745	1,321	584	557	2,711
Glacier Bay ^a	407	968	1,539	805	1,976	2,039	1,710	1,291	2,295	1,430	2,578	4,354
Yakutat	110	99	65	12	304	16	108	49	122	104	11	316
Total	12,393	23,836	21,357	13,109	21,114	21,484	15,710	10,639	18,169	8,834	21,615	58,877
Southcentral												
North Gulf Coast/Prince William Sound ^b	1,330	2,758	2,209	1,720	2,283	3,014	1,898	2,749	1,486	2,497	1,512	7,580
Knik Arm	738	1,254	1,155	1,685	1,124	808	747	780	364	620	732	3,367
Anchorage	129	340	470	472	313	306	234	242	97	283	386	5,945
Susitna River drainage ^c	2,941	3,279	3,180	3,389	2,725	3,067	2,665	1,499	1,465	1,581	1,921	27,799
West Cook Inlet ^{c,d}	543	633	704	415	553	84	0	13	45	153	101	840
Kenai Peninsula-Cook Inlet ^{b,d}	1,605	2,571	1,252	1,450	766	550	515	933	196	593	569	3,523
Kodiak	426	955	991	91	548	599	781	482	387	698	709	7,213
Alaska Peninsula-Aleutian Islands	428	272	333	420	387	844	226	158	263	132	1,541	10,112
Kvichak River drainage	704	900	418	420	690	307	1,138	378	157	315	50	15,269
Nushagak, Wood River, and Togiak	2,029	1,931	1,489	800	1,097	1,478	1,421	1,098	1,012	1,117	1,382	14,185
Total	10,873	14,893	12,201	10,862	10,486	11,057	9,625	8,332	5,472	7,989	8,903	95,833
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	474	97	29	307	63	98	144	315	41	61	71	526
Kuskokwim River and Bay drainages	520	359	176	598	67	117	608	158	439	262	351	14,398
Seward Peninsula-Norton Sound	211	1,089	1,709	818	292	498	330	344	105	755	412	2,113
Northwest Alaska	392	713	1,671	601	513	196	106	2,552	618	2,580	229	3,232
Yukon River drainage	81	64	53	77	1,575	105	291	268	204	310	103	1,257
North Slope-Brooks Range	0	763	0	5	0	13	0	195	0	0	11	34
Total	1,678	3,085	3,638	2,406	2,510	1,027	1,479	3,832	1,407	3,968	1,177	21,560
Alaska Total	24,944	41,814	37,196	26,377	34,110	33,568	26,814	22,803	25,048	20,791	31,695	176,270

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.22.—Alaska sport landlocked coho salmon and Chinook salmon harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	0	0	0	0	0	0	0	0	0	0	0
Juneau	2,111	544	1,488	484	1,254	76	536	898	764	404	1,962	4,885
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,111	544	1,488	484	1,254	76	536	898	764	404	1,962	4,885
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm	8,674	11,233	7,556	9,137	5,800	5,915	6,685	3,680	1,654	2,198	793	8,176
Anchorage	7,854	6,952	9,638	6,093	3,460	8,468	4,850	1,595	1,463	1,479	1,948	4,972
Susitna River drainage ^c	703	831	0	0	105	25	0	8	100	0	528	3,168
West Cook Inlet ^{c,d}	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{b,d}	863	3,451	4,271	4,779	818	2,324	1,965	1,242	1,308	1,000	338	1,643
Kodiak	31	0	0	0	0	0	0	0	0	0	0	0
Alaska Peninsula-Aleutian Islands	0	0	0	0	0	0	0	0	0	0	0	0
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	18,125	22,467	21,465	20,009	10,183	16,732	13,500	6,525	4,525	4,677	3,607	17,959
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	232	436	282	282	51	0	122	42	0	0	44	554
Tanana River drainage	8,637	16,945	10,197	17,693	6,680	8,459	3,056	2,499	4,289	5,352	2,540	8,795
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	8,869	17,381	10,479	17,975	6,731	8,459	3,178	2,541	4,289	5,352	2,584	9,349
Alaska Total	29,105	40,392	33,432	38,468	18,168	25,267	17,214	9,964	9,578	10,433	8,153	32,193

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.23.—Alaska sport kokanee salmon harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	22	0	0	0	0	0	0	0	0	0	0	0
Juneau	29	22	37	29	0	66	48	32	0	8	110	2,411
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	51	22	37	29	0	66	48	32	0	8	110	2,411
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^{c,d}	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{b,d}	0	0	0	0	0	0	0	0	0	0	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Peninsula-Aleutian Islands	0	0	0	0	0	0	0	0	0	0	0	0
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	51	22	37	29	0	66	48	32	0	8	110	2,411

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.24.—Alaska sport steelhead harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	40	0	76	38	24	33	48	39	0	0	11	1,588
Prince of Wales	56	12	39	0	31	65	13	50	7	34	0	857
Kake, Petersburg, Wrangell, Stikine	47	84	13	28	9	34	40	0	9	0	32	614
Sitka ^a	16	60	39	0	7	0	42	0	8	0	0	464
Juneau	24	24	39	6	9	16	0	13	67	16	26	200
Haines-Skagway	0	0	0	0	6	13	0	0	7	13	0	6
Glacier Bay ^a	16	0	0	0	9	8	0	89	8	0	39	435
Yakutat	120	0	52	22	54	0	0	7	7	53	26	6,007
Total	319	180	258	94	149	169	143	198	113	116	134	10,171
Southcentral												
North Gulf Coast/Prince William Sound ^b	72	0	90	319	100	155	407	7	66	19	69	82
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^{c, d}	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{b, d}	0	65	26	113	48	8	73	7	8	82	38	5,773
Kodiak	276	142	47	0	70	64	16	181	62	52	141	1,559
Alaska Peninsula-Aleutian Islands	0	0	0	0	0	0	0	0	0	0	0	0
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	348	207	163	432	218	227	496	195	136	153	248	7,414
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	8	0	0	0	0	0	0	0	0	0	0	20
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	8	0	0	0	0	0	0	0	0	0	0	20
Alaska Total	675	387	421	526	367	396	639	393	249	269	382	17,605

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.25.—Alaska sport rainbow trout harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	658	759	583	473	304	235	853	186	313	457	747	3,183
Prince of Wales	500	787	233	276	183	147	116	57	234	345	244	2,994
Kake, Petersburg, Wrangell, Stikine	59	144	41	183	77	76	21	65	322	68	17	608
Sitka ^a	590	579	325	480	258	274	148	284	266	67	36	1,034
Juneau	352	120	60	74	43	0	0	47	15	0	50	655
Haines-Skagway	0	557	0	12	11	0	0	0	0	0	0	0
Glacier Bay ^a	0	48	0	47	166	0	0	0	21	92	13	254
Yakutat	37	35	56	44	77	0	21	0	11	0	0	562
Total	2,196	3,029	1,298	1,589	1,119	732	1,159	639	1,182	1,029	1,107	9,290
Southcentral												
North Gulf Coast/Prince William Sound ^b	1,355	506	655	717	431	220	148	242	313	15	50	695
Knik Arm	24,527	28,745	21,061	28,325	17,617	17,738	14,367	13,524	10,613	15,537	7,981	39,983
Anchorage	28,776	35,587	21,311	22,478	18,522	23,276	13,876	7,845	5,305	8,437	5,716	32,120
Susitna River drainage ^c	1,755	1,521	1,112	1,751	2,581	3,553	1,316	2,720	1,526	2,391	1,621	65,522
West Cook Inlet ^{c,d}	2,143	1,437	1,029	1,445	1,689	177	196	170	216	106	10	1,322
Kenai Peninsula-Cook Inlet ^{b,d}	15,302	18,443	10,441	16,526	10,558	8,788	7,745	7,426	9,578	8,390	7,423	258,136
Kodiak	1,057	955	628	920	302	387	109	84	285	193	85	567
Alaska Peninsula-Aleutian Islands	683	496	246	723	171	449	695	251	837	200	254	60,910
Kvichak River drainage	1,145	962	692	336	594	521	711	277	786	889	48	128,277
Nushagak, Wood River, and Togiak	964	519	454	321	690	973	627	580	902	176	177	31,408
Total	77,707	89,171	57,629	73,542	53,155	56,082	39,790	33,119	30,361	36,334	23,365	618,940
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	3,842	2,877	2,416	3,294	3,761	2,311	1,907	2,223	615	1,001	1,254	7,117
Tanana River drainage	48,226	49,690	19,919	38,562	26,292	25,554	17,829	16,998	17,841	10,576	10,053	42,664
Kuskokwim River and Bay drainages	510	106	17	76	204	457	141	107	232	219	197	49,534
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	52,578	52,673	22,352	41,932	30,257	28,322	19,877	19,328	18,688	11,796	11,504	99,315
Alaska Total	132,481	144,873	81,279	117,063	84,531	85,136	60,826	53,086	50,231	49,159	35,976	727,545

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.26.—Alaska sport cutthroat trout harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	785	549	865	623	663	323	369	598	203	305	576	8,989
Prince of Wales	1,388	1,593	1,054	1,043	681	997	372	482	178	525	451	5,704
Kake, Petersburg, Wrangell, Stikine	1,030	1,302	2,424	817	1,459	1,561	539	871	430	933	1,042	9,359
Sitka ^a	698	637	640	372	341	371	542	257	199	324	127	1,882
Juneau	366	497	726	444	440	421	691	292	346	140	484	5,577
Haines-Skagway	300	246	400	370	412	781	482	592	147	342	262	2,175
Glacier Bay ^a	18	80	282	182	74	233	63	102	115	37	70	1,019
Yakutat	19	54	0	0	0	21	9	0	9	14	0	77
Total	4,604	4,958	6,391	3,851	4,070	4,708	3,067	3,194	1,627	2,620	3,012	34,782
Southcentral												
North Gulf Coast/Prince William Sound ^b	449	355	465	241	1,062	267	567	211	276	289	632	2,516
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^{c,d}	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{b,d}	0	0	0	0	0	0	0	0	0	0	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Peninsula-Aleutian Islands	0	0	0	0	0	0	0	0	0	0	0	0
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	449	355	465	241	1,062	267	567	211	276	289	632	2,516
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	5,053	5,313	6,856	4,092	5,132	4,975	3,634	3,405	1,903	2,909	3,644	37,298

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.27.—Alaska sport brook trout harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	29	35	85	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	8	0	0	0	0	0	0	0	0	0	0
Sitka ^a	54	39	38	71	0	0	0	0	0	0	0	0
Juneau	14	26	0	301	0	0	0	0	0	0	0	0
Haines-Skagway	15	45	0	15	0	0	0	328	35	0	25	235
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	112	153	123	387	0	0	0	328	35	0	25	235
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^{c,d}	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{b,d}	0	0	0	0	0	0	0	0	0	0	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Peninsula-Aleutian Islands	0	0	0	0	0	0	0	0	0	0	0	0
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	112	153	123	387	0	0	0	328	35	0	25	235

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.28.—Alaska sport lake trout harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	0	0	0	0	0	0	0	0	0	0	0
Juneau	0	0	0	0	0	0	0	0	0	0	0	0
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	33	0	187	0	0	0	0	52	52
Knik Arm	108	116	162	533	339	0	220	40	127	300	71	210
Anchorage	921	198	173	199	779	0	64	39	0	246	36	323
Susitna River drainage ^c	222	154	226	403	339	1,850	1,750	582	753	1,033	1,135	6,934
West Cook Inlet ^{c,d}	81	115	51	7	180	31	0	6	164	0	0	192
Kenai Peninsula-Cook Inlet ^{b,d}	2,920	1,858	1,763	1,899	1,097	1,799	1,229	862	669	590	915	4,168
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Peninsula-Aleutian Islands	413	182	58	160	383	775	96	166	263	201	95	1,557
Kvichak River drainage	759	322	369	340	533	789	430	116	189	626	411	1,756
Nushagak, Wood River, and Togiak	393	173	290	173	333	259	783	21	286	93	177	1,895
Total	5,817	3,118	3,092	3,747	3,983	5,690	4,572	1,832	2,451	3,089	2,892	17,087
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	2,135	1,700	1,185	2,067	1,831	791	1,077	347	523	495	937	6,707
Tanana River drainage	1,145	1,133	445	709	860	646	1,082	791	648	506	1,193	4,526
Kuskokwim River and Bay drainages	128	152	63	134	244	497	233	83	42	22	29	654
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	101	116	117	88	11	137	81	34	7	0	63	117
Yukon River drainage	545	55	56	147	57	98	171	6	40	33	76	281
North Slope-Brooks Range	77	18	37	217	98	75	96	10	0	0	0	67
Total	4,131	3,174	1,903	3,362	3,101	2,244	2,740	1,271	1,260	1,056	2,298	12,352
Alaska Total	9,948	6,292	4,995	7,109	7,084	7,934	7,312	3,103	3,711	4,145	5,190	29,439

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.29.—Alaska sport Dolly Varden and Arctic char harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	429	1,171	487	323	916	1,314	555	233	80	742	1,203	7,953
Prince of Wales	1,807	4,545	2,178	3,660	5,461	1,884	658	1,495	615	1,985	1,069	7,259
Kake, Petersburg, Wrangell, Stikine	1,409	1,137	1,867	1,027	1,397	1,358	715	788	410	1,273	1,715	11,738
Sitka ^a	1,803	2,341	1,183	1,235	1,625	1,204	1,408	1,560	993	1,726	670	11,229
Juneau	4,950	10,616	4,703	3,291	4,610	3,833	2,625	2,709	2,771	3,228	3,644	34,878
Haines-Skagway	4,466	3,047	3,228	4,357	4,635	4,710	3,552	4,600	1,842	3,549	2,019	6,563
Glacier Bay ^a	497	2,532	1,817	1,541	659	1,607	1,103	1,006	1,663	1,748	777	4,288
Yakutat	1,080	563	795	286	1,404	871	986	365	248	495	342	2,992
Total	16,441	25,952	16,258	15,720	20,707	16,781	11,602	12,756	8,622	14,746	11,439	86,900
Southcentral												
North Gulf Coast/Prince William Sound ^b	1,153	1,203	1,630	2,676	2,085	1,558	1,397	1,242	1,602	1,716	1,898	8,773
Knik Arm	3,798	3,393	2,662	1,822	2,247	2,380	2,040	1,525	4,063	1,935	1,853	8,520
Anchorage	2,047	1,416	901	1,402	2,085	4,252	1,358	1,761	1,267	821	1,127	4,548
Susitna River drainage ^c	918	823	1,172	1,512	1,694	1,230	657	864	332	498	542	9,390
West Cook Inlet ^{c,d}	1,337	1,874	879	825	434	368	326	133	532	645	153	2,840
Kenai Peninsula-Cook Inlet ^{b,d}	14,269	17,268	13,233	10,879	12,199	12,589	8,181	7,013	8,434	8,610	7,749	235,433
Kodiak	7,864	11,127	8,725	6,495	5,424	6,479	3,841	7,222	8,841	8,116	3,246	27,453
Alaska Peninsula-Aleutian Islands	2,213	3,491	2,939	1,914	1,654	2,947	1,907	1,682	2,294	2,052	3,354	47,050
Kvichak River drainage	459	663	765	195	270	358	262	199	359	331	108	12,922
Nushagak, Wood River, and Togiak	2,548	2,503	2,437	2,035	2,774	4,898	1,678	1,461	1,619	1,300	2,051	35,516
Total	36,606	43,761	35,343	29,755	30,866	37,059	21,647	23,102	29,343	26,024	22,081	392,445
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	2,390	991	1,612	1,388	1,578	2,153	730	766	701	397	943	3,211
Tanana River drainage	4,851	4,009	3,368	6,645	4,854	4,111	2,752	1,818	2,038	2,990	2,733	6,161
Kuskokwim River and Bay drainages	2,038	1,612	1,698	2,026	2,710	2,539	2,135	1,937	1,492	2,038	2,176	57,625
Seward Peninsula-Norton Sound	6,708	7,921	3,174	2,252	5,531	4,318	3,063	3,180	2,808	3,319	3,456	16,076
Northwest Alaska	796	1,590	1,693	1,884	533	1,285	239	2,314	2,924	852	1,372	6,224
Yukon River drainage	203	373	368	551	358	167	130	174	181	36	381	1,681
North Slope-Brooks Range	929	1,178	1,589	773	193	180	493	273	151	352	919	3,165
Total	17,915	17,674	13,502	15,519	15,757	14,753	9,542	10,462	10,295	9,984	11,980	94,143
Alaska Total	70,962	87,387	65,103	60,994	67,330	68,593	42,791	46,320	48,260	50,754	45,500	573,488

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.30.—Alaska sport Arctic grayling harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	172	0	26	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	56	10	0	14	0	0	193	0	13	0	18	206
Juneau	0	0	0	0	0	0	0	0	0	0	0	87
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	35
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	228	10	26	14	0	0	193	0	13	0	18	328
Southcentral												
North Gulf Coast/Prince William Sound ^b	246	89	90	116	646	73	177	35	0	28	0	116
Knik Arm	1,740	1,194	1,215	881	1,222	703	507	972	605	744	1,455	7,300
Anchorage	158	10	62	747	221	90	166	55	386	444	194	1,124
Susitna River drainage ^c	1,614	979	1,036	1,165	393	2,085	1,207	2,293	1,533	2,339	1,989	26,310
West Cook Inlet ^{c,d}	781	750	613	486	327	179	0	19	42	56	0	11
Kenai Peninsula-Cook Inlet ^{b,d}	1,104	1,247	1,056	1,128	1,195	1,151	801	397	582	804	896	9,040
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Peninsula-Aleutian Islands	191	73	42	113	139	92	76	97	541	73	35	6,197
Kvichak River drainage	761	786	1,509	451	849	764	341	400	452	818	462	20,464
Nushagak, Wood River, and Togiak	2,154	1,493	1,399	1,842	995	2,154	422	462	870	945	632	24,298
Total	8,749	6,621	7,022	6,929	5,987	7,291	3,697	4,730	5,011	6,251	5,663	94,860
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	8,245	6,590	4,450	7,910	5,908	3,296	3,336	2,389	2,379	2,788	3,264	70,068
Tanana River drainage	11,523	8,560	7,074	12,987	10,084	6,773	10,061	5,982	6,739	8,122	8,134	146,575
Kuskokwim River and Bay drainages	1,290	361	807	1,464	1,259	1,953	1,287	637	827	713	1,307	35,693
Seward Peninsula-Norton Sound	1,600	1,193	994	1,565	1,778	824	595	419	314	965	1,169	13,257
Northwest Alaska	1,247	1,221	1,244	1,994	1,473	1,983	269	760	849	293	439	7,169
Yukon River drainage	3,164	3,279	3,193	2,832	3,131	3,271	2,883	2,041	2,824	2,531	2,773	22,767
North Slope-Brooks Range	1,206	934	846	2,215	1,122	868	1,313	594	572	923	2,996	10,452
Total	28,275	22,138	18,608	30,967	24,755	18,968	19,744	12,822	14,504	16,335	20,082	305,981
Alaska Total	37,252	28,769	25,656	37,910	30,742	26,259	23,634	17,552	19,528	22,586	25,763	401,169

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.31.—Alaska sport northern pike harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	0	0	0	0	0	0	0	0	0	0	0
Juneau	0	0	0	0	0	0	0	0	0	0	0	0
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	26	0	0	0	181	0	0	0	0	100
Total	0	0	26	0	0	0	181	0	0	0	0	100
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	25	0	0	0	0	0	0	0
Knik Arm	6,785	5,698	6,544	5,716	4,026	4,961	4,317	4,839	3,050	1,752	4,647	10,213
Anchorage	243	1,274	1,166	1,190	1,078	663	611	364	1,285	205	2,040	2,560
Susitna River drainage ^c	260	101	55	618	0	6,933	6,871	6,425	4,893	6,151	4,599	16,659
West Cook Inlet ^{c, d}	4,319	3,778	6,140	5,984	3,998	493	153	285	225	96	88	1,983
Kenai Peninsula-Cook Inlet ^{b, d}	329	159	1,302	380	699	2,321	224	55	558	254	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Peninsula-Aleutian Islands	231	337	161	33	24	43	200	296	25	91	368	2,868
Kvichak River drainage	644	198	479	64	575	564	357	216	31	460	113	2,069
Nushagak, Wood River, and Togiak	516	474	826	877	857	1,144	1,069	781	995	261	1,064	6,148
Total	13,327	12,019	16,673	14,862	11,282	17,122	13,802	13,261	11,062	9,270	12,919	42,500
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	2,925	3,467	4,207	3,436	2,947	4,895	4,624	3,276	3,900	1,381	3,016	18,881
Kuskokwim River and Bay drainages	548	531	474	443	783	1,543	3,749	406	346	165	981	4,354
Seward Peninsula-Norton Sound	355	416	349	326	424	840	514	0	210	513	539	1,000
Northwest Alaska	193	352	122	158	423	729	18	107	375	53	43	2,061
Yukon River drainage	2,418	1,277	1,772	3,291	1,507	3,656	1,899	1,134	1,281	1,577	1,265	10,931
North Slope-Brooks Range	0	0	0	51	22	14	32	0	0	0	0	0
Total	6,439	6,043	6,924	7,705	6,106	11,677	10,836	4,923	6,112	3,689	5,844	37,227
Alaska Total	19,766	18,062	23,623	22,567	17,388	28,799	24,819	18,184	17,174	12,959	18,763	79,827

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.32.—Alaska sport whitefish harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	0	0	0	0	0	0	0	0	0	0	0
Juneau	0	0	0	0	0	0	0	0	0	0	0	0
Haines-Skagway	0	0	0	15	0	0	48	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	15	0	0	48	0	0	0	0	0
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm	7	113	551	190	108	15	710	162	43	31	16	26
Anchorage	0	0	0	0	30	0	0	234	0	0	0	0
Susitna River drainage ^c	32	52	135	67	82	635	129	168	415	623	548	1,660
West Cook Inlet ^{c,d}	95	146	111	74	93	0	26	0	0	0	0	29
Kenai Peninsula-Cook Inlet ^{b,d}	60	118	207	609	60	149	265	152	125	299	99	1,178
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Peninsula-Aleutian Islands	0	4	0	0	0	20	0	30	0	159	0	116
Kvichak River drainage	68	91	827	8	121	135	26	0	0	64	6	196
Nushagak, Wood River, and Togiak	15	0	157	105	167	77	402	0	437	0	514	922
Total	277	524	1,988	1,053	661	1,031	1,558	746	1,020	1,176	1,183	4,127
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	317	451	1,135	2,288	422	562	1,031	462	115	367	71	224
Tanana River drainage	235	385	785	1,086	167	1,485	114	252	656	227	96	1,539
Kuskokwim River and Bay drainages	9	214	20	54	89	975	209	58	342	96	664	957
Seward Peninsula-Norton Sound	9	915	814	206	471	623	498	64	1,004	139	143	297
Northwest Alaska	398	343	1,572	270	220	408	16	566	143	168	247	873
Yukon River drainage	511	222	928	497	0	284	79	631	74	230	499	2,144
North Slope-Brooks Range	68	71	26	19	304	1,509	0	258	0	0	28	56
Total	1,547	2,601	5,280	4,420	1,673	5,846	1,947	2,291	2,334	1,227	1,748	6,090
Alaska Total	1,824	3,125	7,268	5,488	2,334	6,877	3,553	3,037	3,354	2,403	2,931	10,217

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.33.—Alaska sport burbot harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	0	0	0	0	0	0	0	0	0	0	0
Juneau	0	0	0	0	0	0	0	0	0	0	0	0
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm	369	805	230	1,069	438	171	805	550	240	926	17	482
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	230	242	214	211	511	976	661	801	1,050	1,532	1,012	1,510
West Cook Inlet ^{c,d}	672	1,130	245	91	397	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{b,d}	0	12	22	92	0	0	0	0	0	0	0	65
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Peninsula-Aleutian Islands	0	363	0	0	0	0	74	0	0	0	0	0
Kvichak River drainage	77	0	29	4	32	101	84	0	0	0	0	6
Nushagak, Wood River, and Togiak	25	0	0	0	0	0	0	0	0	0	26	71
Total	1,373	2,552	740	1,467	1,378	1,248	1,624	1,351	1,290	2,458	1,055	2,134
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	1,861	2,290	1,506	2,224	1,457	709	1,265	319	362	524	2,124	2,416
Tanana River drainage	3,148	3,740	1,297	4,009	2,561	3,446	2,487	1,903	3,623	1,227	1,879	4,256
Kuskokwim River and Bay drainages	228	588	50	15	87	111	75	0	0	0	0	0
Seward Peninsula-Norton Sound	97	411	50	0	0	0	50	0	75	63	0	0
Northwest Alaska	28	110	33	244	0	9	0	63	0	67	0	0
Yukon River drainage	168	118	50	1,160	594	111	534	741	60	279	789	898
North Slope-Brooks Range	0	0	18	0	22	70	0	0	0	0	6	6
Total	5,530	7,257	3,004	7,652	4,721	4,456	4,411	3,026	4,120	2,160	4,798	7,576
Alaska Total	6,903	9,809	3,744	9,119	6,099	5,704	6,035	4,377	5,410	4,618	5,853	9,710

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.34.—Alaska sport sheefish harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka ^a	0	0	0	0	0	0	0	0	0	0	0	0
Juneau	0	0	0	0	0	0	0	0	0	0	0	0
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Southcentral												
North Gulf Coast/Prince William Sound ^b	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^{c, d}	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{b, d}	0	0	0	0	0	0	0	0	0	0	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Peninsula-Aleutian Islands	0	0	0	0	0	0	0	0	0	0	0	0
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	114	220	9	92	59	177	129	53	37	83	23	38
Kuskokwim River and Bay drainages	268	250	124	81	45	182	1,079	173	435	191	161	768
Seward Peninsula-Norton Sound	7	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	635	1,195	1,305	500	2,509	1,634	393	810	1,066	61	946	5,050
Yukon River drainage	133	372	492	538	238	1,352	1,348	540	177	462	210	1,717
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,157	2,037	1,930	1,211	2,851	3,345	2,949	1,576	1,715	797	1,340	7,573
Alaska Total	1,157	2,037	1,930	1,211	2,851	3,345	2,949	1,576	1,715	797	1,340	7,573

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.35.—Alaska sport smelt harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales	325	0	0	0	0	0	145	16	141	0	0	0
Kake, Petersburg, Wrangell, Stikine	2,708	1,848	2,174	845	2,277	3,388	1,257	750	2,463	1,405	2,075	2,145
Sitka ^a	0	0	0	17	146	77	0	0	1,671	1,196	0	0
Juneau	1,354	240	477	0	1,593	19	0	32	807	357	273	273
Haines-Skagway	83	0	484	516	3,264	0	0	0	0	0	0	0
Glacier Bay ^a	0	40	0	18	0	58	2,008	0	0	323	26	26
Yakutat	9	341	464	0	0	0	0	0	0	98	19	19
Total	4,479	2,469	3,599	1,396	7,280	3,542	3,410	798	5,082	3,379	2,393	2,463
Southcentral												
North Gulf Coast/Prince William Sound ^b	1,896	1,283	4,981	10,381	2,744	1,462	156	40	269	2,305	15	147
Knik Arm	2,708	6,131	1,574	0	1,578	11	0	71	124	0	0	0
Anchorage	44,597	13,488	35,909	57,079	35,841	9,987	8,885	9,927	16,527	20,047	28,953	28,975
Susitna River drainage ^c	9,816	0	1,349	0	0	12,562	3,068	0	620	1,832	3,520	3,520
West Cook Inlet ^{c,d}	27,031	5,696	8,707	3,298	5,920	0	0	0	0	0	880	880
Kenai Peninsula-Cook Inlet ^{b,d}	5,496	31,167	23,455	20,409	12,581	43,331	10,308	5,197	5,110	2,547	5,932	6,862
Kodiak	0	78	45	0	0	0	98	0	0	0	0	0
Alaska Peninsula-Aleutian Islands	6,545	4,871	2,940	3,227	8,746	842	2,488	1,653	3,336	4,496	9,254	9,606
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	2,531	9,791	1,124	40	3,309	135	2,178	175	434	859	10,038	10,038
Total	100,620	72,505	80,084	94,434	70,719	68,330	27,181	17,063	26,420	32,086	58,592	60,028
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	68	0	0	0	281	0	291	1,860	304	366	542
Seward Peninsula-Norton Sound	3,046	2,574	1,124	474	0	2,139	0	52	1,285	0	0	0
Northwest Alaska	0	7	0	0	0	0	0	7	0	0	81	110
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	3,046	2,649	1,124	474	0	2,420	0	350	3,145	304	447	652
Alaska Total	108,145	77,623	84,807	96,304	77,999	74,292	30,591	18,211	34,647	35,769	61,432	63,143

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.36.—Alaska sport Pacific halibut harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	10,989	13,665	10,106	10,766	8,810	19,938	15,751	14,538	20,920	19,560	19,942	24,038
Prince of Wales	25,739	28,860	28,210	30,960	29,307	31,081	38,944	36,267	43,630	40,932	22,630	32,385
Kake, Petersburg, Wrangell, Stikine	8,133	9,930	8,345	6,742	7,569	12,149	11,876	15,801	16,923	19,279	13,058	21,594
Sitka ^a	28,222	28,375	33,104	25,156	32,362	39,505	42,185	39,408	40,840	37,759	19,178	25,763
Juneau	15,522	16,672	14,213	15,647	20,530	19,544	25,662	14,643	22,329	20,665	20,275	35,720
Haines-Skagway	879	499	864	1,220	1,136	863	763	905	986	451	468	640
Glacier Bay ^a	7,552	13,639	15,112	14,322	19,767	24,236	27,389	19,429	32,705	30,615	23,600	50,970
Yakutat	3,645	4,727	3,738	2,372	5,376	4,597	5,236	4,227	5,270	4,966	5,075	6,712
Total	100,681	116,367	113,692	107,185	124,857	151,913	167,806	145,218	183,603	174,227	124,226	197,822
Southcentral												
North Gulf Coast/Prince William Sound ^b	27,600	31,180	51,267	56,458	67,683	92,984	85,935	80,114	108,599	95,347	85,845	128,873
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^{c,d}	2,422	3,384	1,919	1,618	1,032	1,916	2,339	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{b,d}	178,962	227,461	180,563	165,405	189,062	209,786	216,356	209,442	253,265	209,082	195,294	374,627
Kodiak	18,595	21,284	16,111	16,995	18,480	22,885	24,122	25,219	35,337	33,999	31,590	53,756
Alaska Peninsula-Aleutian Islands	4,116	3,014	1,987	3,109	1,631	2,927	3,329	2,862	3,960	3,719	3,300	6,149
Kvichak River drainage	13	43	0	19	24	64	33	0	0	106	0	0
Nushagak, Wood River, and Togiak	0	0	0	20	12	47	0	0	0	0	0	0
Total	231,708	286,366	251,847	243,624	277,924	330,609	332,114	317,637	401,161	342,253	316,029	563,405
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	53	0	0	0	0	32	0	0	0	0	0
Seward Peninsula-Norton Sound	248	494	0	0	81	0	96	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	20	0	0	0	0	28	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	268	547	0	0	81	28	128	0	0	0	0	0
Alaska Total	332,657	403,280	365,539	350,809	402,862	482,550	500,048	462,855	584,764	516,480	440,255	761,227

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.37.—Alaska sport rockfish harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	10,538	12,318	8,540	7,077	7,321	13,805	13,136	13,473	15,522	14,763	16,742	31,643
Prince of Wales	23,667	17,152	17,161	15,189	15,518	27,027	23,617	23,425	25,371	30,891	23,767	39,871
Kake, Petersburg, Wrangell, Stikine	3,778	4,103	2,461	2,531	1,940	3,712	3,598	2,437	4,190	5,329	4,623	8,234
Sitka ^a	22,306	18,439	16,444	15,856	16,212	30,239	31,984	34,160	38,264	53,414	30,601	46,916
Juneau	8,379	9,685	8,857	5,768	8,649	6,753	8,412	3,913	5,323	6,344	9,683	14,434
Haines-Skagway	233	117	138	19	44	566	277	291	90	28	140	270
Glacier Bay ^a	1,816	6,477	3,309	2,572	4,095	4,148	6,595	4,986	3,765	5,592	5,823	12,308
Yakutat	772	858	668	737	1,615	1,413	2,371	2,800	2,013	2,636	2,372	3,472
Total	71,489	69,149	57,578	49,749	55,394	87,663	89,990	85,485	94,538	118,997	93,751	157,148
Southcentral												
North Gulf Coast/Prince William Sound ^b	12,996	17,476	48,364	56,240	48,503	73,947	63,985	65,412	76,168	79,246	82,461	130,466
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^{c,d}	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{b,d}	30,125	36,478	4,626	5,835	7,515	9,756	11,607	9,431	12,789	11,258	16,296	27,059
Kodiak	5,480	7,125	5,505	7,556	6,166	7,844	15,392	11,688	12,551	15,596	15,937	40,569
Alaska Peninsula-Aleutian Islands	138	1,430	745	1,018	678	933	2,759	1,143	1,499	1,288	649	2,375
Kvichak River drainage	0	0	0	0	60	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	48,739	62,509	59,240	70,649	62,922	92,480	93,743	87,674	103,007	107,388	115,343	200,469
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	120,228	131,658	116,818	120,398	118,316	180,143	183,733	173,159	197,545	226,385	209,094	357,617

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.38.—Alaska sport lingcod harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	1,560	2,388	2,297	1,483	1,043	2,518	1,973	1,476	1,324	1,146	1,439	2,459
Prince of Wales	8,963	10,044	5,878	3,173	2,516	6,392	9,419	7,123	5,168	4,535	3,480	7,955
Kake, Petersburg, Wrangell, Stikine	436	399	431	134	342	405	845	427	294	182	401	937
Sitka ^a	8,186	4,837	5,298	2,832	3,728	4,604	6,477	6,574	4,526	3,452	2,137	9,325
Juneau	1,633	1,258	521	553	529	372	588	281	261	125	368	1,345
Haines-Skagway	57	0	24	12	0	10	0	0	0	0	19	19
Glacier Bay ^a	254	1,957	1,188	727	977	589	1,200	1,043	775	655	655	4,398
Yakutat	1,163	1,725	787	683	1,521	1,174	1,585	1,573	1,737	1,804	800	1,843
Total	22,252	22,608	16,424	9,597	10,656	16,064	22,087	18,497	14,085	11,899	9,299	28,281
Southcentral												
North Gulf Coast/Prince William Sound ^b	1,913	3,044	6,805	7,586	7,178	8,944	9,707	10,838	16,364	14,910	13,049	29,101
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^{c,d}	39	64	11	0	25	42	18	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{b,d}	4,608	7,020	1,976	1,600	2,094	3,269	3,018	3,307	7,012	6,133	5,794	12,852
Kodiak	1,726	1,966	1,530	1,099	1,446	2,507	2,604	2,447	3,203	3,518	3,736	6,812
Alaska Peninsula-Aleutian Islands	27	115	11	373	122	94	87	35	857	147	298	1,159
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	8,313	12,209	10,333	10,658	10,865	14,856	15,434	16,627	27,436	24,708	22,877	49,924
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	30,565	34,817	26,757	20,255	21,521	30,920	37,521	35,124	41,521	36,607	32,176	78,205

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.39.—Alaska sport razor clam harvest estimates, 1999–2009, and catch estimates, 2009, by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	0	0	0	0	0	0	93	0	0	1,738	230	230
Prince of Wales	0	0	0	0	0	0	0	2,523	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	108	0	0	0	0	0
Sitka ^a	0	9	65	0	0	0	0	0	0	0	0	0
Juneau	0	0	0	0	0	0	0	0	874	0	0	0
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay ^a	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	9	65	0	0	0	201	2,523	874	1,738	230	230
Southcentral												
North Gulf Coast/Prince William Sound ^b	523	0	702	244	0	635	127	733	1,435	4,501	0	0
Knik Arm	0	0	0	0	0	0	0	0	0	0	0	0
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet ^{c,d}	16,136	28,736	24,152	12,754	13,915	24,276	19,751	0	0	0	0	0
Kenai Peninsula-Cook Inlet ^{b,d}	756,215	850,087	648,466	775,667	575,903	525,629	430,693	478,515	386,636	580,897	553,490	553,490
Kodiak	884	441	216	0	200	0	189	1,452	219	1,163	179	179
Alaska Peninsula-Aleutian Islands	0	0	0	0	0	0	0	0	0	1,537	2,123	2,123
Kvichak River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak, Wood River, and Togiak	0	0	0	0	0	0	0	0	0	0	0	0
Total	773,758	879,264	673,536	788,665	590,018	550,540	450,760	480,700	388,290	588,098	555,792	555,792
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	0	0	0	0	0	0	0	0	0	0	0
Tanana River drainage	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim River and Bay drainages	0	0	0	0	0	0	0	0	0	3,074	0	0
Seward Peninsula-Norton Sound	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River drainage	0	0	0	0	0	0	0	0	0	0	0	0
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	3,074	0	0
Alaska Total	773,758	879,273	673,601	788,665	590,018	550,540	450,961	483,223	389,164	592,910	556,022	556,022

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

Table 2.40.—Alaska sport harvest estimates, 1999–2009, and catch estimates, 2009, of other fish by region and area.

Area fished	Harvest											Catch
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2009
Southeast												
Ketchikan	255	874	181	208	1,254	1,042	598	394	561	244	347	2,445
Prince of Wales	1,677	974	372	639	208	541	815	361	673	222	466	1,154
Kake, Petersburg, Wrangell, Stikine	360	914	512	239	965	2,475	1,065	1,318	169	46	642	1,610
Sitka ^a	894	973	119	636	632	1,806	323	886	643	2,455	895	1,612
Juneau	658	1,164	986	203	471	349	729	578	1,603	793	680	1,672
Haines-Skagway	73	131	146	14	420	893	486	143	123	143	19	316
Glacier Bay ^a	11	139	97	276	1,404	708	1,440	10,239	981	219	489	1,126
Yakutat	12	122	0	0	74	146	71	58	293	43	37	6,067
Total	3,940	5,291	2,413	2,215	5,428	7,960	5,527	13,977	5,046	4,165	3,575	16,002
Southcentral												
North Gulf Coast/Prince William Sound ^b	2,297	8,042	14,031	2,620	6,351	4,978	4,452	3,528	2,431	1,007	1,496	6,440
Knik Arm	53	305	117	26	30	0	373	0	34	0	21	35
Anchorage	13	618	149	217	430	24	345	98	38	475	217	411
Susitna River drainage ^c	0	0	179	31	741	1,653	3,473	2,205	15	158	134	418
West Cook Inlet ^{c,d}	7	70	53	236	0	98	0	10	0	0	0	0
Kenai Peninsula-Cook Inlet ^{bd}	2,171	6,041	6,106	1,968	2,171	2,294	1,752	2,221	2,631	1,479	1,819	9,197
Kodiak	346	1,319	2,435	635	425	627	153	239	110	161	464	2,188
Naknek River-Alaska Peninsula	366	265	5,282	24	75	1,629	476	17	656	0	477	2,255
Kvichak River drainage	0	134	233	0	0	49	12	0	0	0	0	127
Nushagak, Wood River, and Togiak	66	11	18	198	66	41	480	0	0	0	127	367
Total	5,319	16,805	28,603	5,955	10,289	11,393	11,516	8,318	5,915	3,280	4,755	21,438
Arctic-Yukon-Kuskokwim												
Upper Copper River drainage ^c	0	22	207	54	104	0	16	9	17	0	22	22
Tanana River drainage	0	385	78	251	18	239	168	94	17	0	72	160
Kuskokwim River and Bay drainages	27	0	0	0	189	0	0	51	17	9	7	45
Seward Peninsula-Norton Sound	2,546	196	3,385	225	46	49	0	9	315	0	0	67
Northwest Alaska	300	93	178	0	15	684	12	60	179	187	67	299
Yukon River drainage	0	0	258	0	9	147	181	27	117	9	65	220
North Slope-Brooks Range	0	0	0	0	0	0	0	0	0	18	0	44
Total	2,873	696	4,106	530	381	1,119	377	250	662	223	233	857
Alaska Total	12,132	22,792	35,122	8,700	16,098	20,472	17,420	22,545	11,623	7,668	8,563	38,297

Note: Other fish are species that could not be determined, or species that were incidental.

^a In 2000, Glacier Bay area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Northern Chichagof I. formerly reported within the Sitka Management area (D).

^b In 2001 the North Gulf Coast/Prince William Sound area (J) was expanded to include North Gulf Coast waters to Gore Point, formerly reported to Kenai Peninsula area (P).

^c In 2004, The Susitna River drainage area (M) was expanded to include all drainages of the Susitna River including the upper, east and west Susitna River drainages.

^d Starting in 2006, Cook Inlet salt waters were reported to area P (Kenai Peninsula–Cook Inlet area). West Cook Inlet drainages (N) only include freshwater lakes and streams.

**AREA TABLES: HARVEST ESTIMATES BY SPORT FISH
AREA AND THEIR STANDARD ERRORS**

Table 2.41.—Ketchikan area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	HA	LC	PC	RF	Other ^c
SALTWATER:																			
Boat - East, West Behm Canals	11,114	30,252	0	3,372	31,240	1,026	13,474	3,747	72	0	0	11	0	0	7,933	589	617	5,235	30
Boat - Bell Island	269	459	0	13	641	11	232	78	0	0	0	0	0	0	193	73	10	292	0
Boat - Carroll Inlet	1,380	3,557	107	366	417	50	342	58	0	0	0	0	0	0	152	21	0	75	0
Boat - Clarence Strait	1,771	7,943	0	1,522	3,545	90	1,610	268	0	0	0	0	0	0	2,748	251	1,061	2,178	43
Boat - Clover Pass	698	2,086	0	144	3,542	77	853	224	0	0	0	0	0	0	197	0	0	341	0
Boat - Duke Island	495	1,121	0	34	761	0	395	66	0	0	0	0	0	0	1,164	12	0	272	0
Boat - Gravina Island	280	563	0	64	339	0	126	56	0	0	0	0	0	0	191	9	0	51	0
Boat - Herring Cove	1,657	2,934	207	1,556	747	0	910	230	10	0	0	0	0	0	87	0	0	247	0
Boat - Knudsen Cove	428	1,502	0	38	1,501	0	482	64	0	0	0	0	0	0	84	0	25	243	0
Boat - Mountain Point	5,681	15,219	904	3,269	7,158	54	4,163	858	0	0	0	0	0	0	1,566	116	329	2,518	30
Boat - Nichols Passage	426	675	0	117	222	0	226	11	0	0	0	0	0	0	116	9	33	165	0
Boat - Revillagigedo Channel	1,450	7,570	0	513	2,632	0	698	89	0	0	0	0	0	0	1,969	205	587	1,968	52
Boat - Terminal Harvest Area - Ketchikan	4,711	13,838	2,904	3,087	7,605	48	4,299	1,140	0	0	0	0	0	0	1,977	73	225	1,767	7
Boat - Tongass Narrows	1,155	1,484	36	186	1,640	0	1,151	299	0	0	0	0	0	0	393	27	50	447	7
Boat - Yes Bay	651	1,140	0	209	1,363	0	800	201	0	0	0	0	0	0	370	9	0	453	170
Boat - Other	1,367	3,981	55	368	3,529	41	1,271	61	0	0	0	0	0	0	802	45	25	490	0
Shoreline - Herring Cove	1,495	5,249	120	3,023	1,897	0	378	86	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	699	1,507	173	0	527	0	586	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	29,154	101,080	4,506	17,881	69,306	1,397	31,996	7,536	82	0	0	11	0	0	19,942	1,439	2,962	16,742	339
FRESHWATER:																			
Ketchikan Creek	804	3,414	64	182	342	0	294	0	375	0	241	0	0	0	0	0	0	0	0
Naha River	480	1,149	0	0	15	34	139	22	0	0	35	90	0	0	0	0	0	0	0
Ward Cove Creek	815	5,096	0	0	634	105	356	22	486	0	0	179	0	0	0	0	0	0	0
Other streams	564	1,178	0	0	222	10	122	0	227	11	169	134	0	0	0	0	0	0	0
Ward Lake	403	815	0	0	0	0	0	0	33	0	26	0	0	0	0	0	0	0	0
Other lakes	576	1,227	0	0	0	0	0	0	0	0	276	162	0	0	0	0	0	0	0
FRESHWATER TOTAL	3,072	12,879	64	182	1,213	149	911	44	1,121	11	747	565	0	0	0	0	0	0	0
GRAND TOTAL	30,692	113,959	4,570	18,063	70,519	1,546	32,907	7,580	1,203	11	747	576	0	0	19,942	1,439	2,962	16,742	339

Note: Ketchikan (Area A): All waters of Alaska, including drainages, from Portland Inlet to, but not including, Ernest Sound; including Duke, Annette, and Gravina islands.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.42.–Ketchikan area standard errors of sport fish harvest and effort by fisheries and species, 2009.

Area fished	Days fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	HA	LC	PC	RF	Other ^b
SALTWATER:																		
Boat - East, West Behm Canals	2,533	0	635	2,738	580	1,620	613	50	0	0	11	0	0	1,379	113	165	760	18
Boat - Bell Island	161	0	13	380	11	143	52	0	0	0	0	0	0	106	56	10	193	0
Boat - Carroll Inlet	1,015	55	191	145	41	199	30	0	0	0	0	0	0	74	15	0	38	0
Boat - Clarence Strait	1,878	0	749	1,223	90	715	109	0	0	0	0	0	0	847	124	738	1,038	33
Boat - Clover Pass	517	0	85	1,064	80	378	119	0	0	0	0	0	0	98	0	0	224	0
Boat - Duke Island	413	0	19	339	0	221	69	0	0	0	0	0	0	540	12	0	166	0
Boat - Gravina Island	195	0	34	141	0	96	58	0	0	0	0	0	0	96	9	0	42	0
Boat - Herring Cove	540	109	446	228	0	221	115	10	0	0	0	0	0	43	0	0	97	0
Boat - Knudsen Cove	764	0	22	588	0	276	52	0	0	0	0	0	0	57	0	24	215	0
Boat - Mountain Point	2,399	267	744	1,355	37	710	198	0	0	0	0	0	0	331	64	162	1,139	31
Boat - Nichols Passage	303	0	100	100	0	103	12	0	0	0	0	0	0	61	9	34	97	0
Boat - Revillagigedo Channel	2,481	0	339	1,029	0	375	42	0	0	0	0	0	0	853	113	374	942	39
Boat - Terminal Harvest Area - Ketchikan	2,707	2,130	1,327	1,369	37	668	345	0	0	0	0	0	0	494	30	89	446	8
Boat - Tongass Narrows	234	28	68	403	0	344	128	0	0	0	0	0	0	145	20	50	183	7
Boat - Yes Bay	250	0	82	447	0	350	92	0	0	0	0	0	0	111	9	0	224	147
Boat - Other	886	47	188	807	43	486	34	0	0	0	0	0	0	227	26	24	326	0
Shoreline - Herring Cove	1,450	62	1,089	556	0	155	52	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	397	174	0	473	0	317	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	5,686	2,130	2,132	4,071	599	2,336	789	50	0	0	11	0	0	2,027	224	866	2,083	160
FRESHWATER:																		
Ketchikan Creek	1,119	36	143	137	0	163	0	336	0	184	0	0	0	0	0	0	0	0
Naha River	386	0	0	15	34	77	21	0	0	29	70	0	0	0	0	0	0	0
Ward Cove Creek	1,427	0	0	251	80	192	22	243	0	0	113	0	0	0	0	0	0	0
Other streams	302	0	0	130	10	71	0	128	11	109	69	0	0	0	0	0	0	0
Ward Lake	282	0	0	0	0	0	0	33	0	19	0	0	0	0	0	0	0	0
Other lakes	377	0	0	0	0	0	0	0	0	219	102	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,893	36	143	311	88	269	32	437	11	305	183	0	0	0	0	0	0	0
GRAND TOTAL	5,994	2,131	2,134	4,097	605	2,340	789	440	11	305	184	0	0	2,027	224	866	2,083	160

Note: Ketchikan (Area A): All waters of Alaska, including drainages, from Portland Inlet to, but not including, Ernest Sound; including Duke, Annette, and Gravina islands.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.43.—Prince of Wales Island area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	SM	HA	LC	PC	RF	Other ^c
SALTWATER:																		
Boat - Eastside Prince of Wales Island	3,994	16,097	0	1,068	17,331	715	6,154	630	0	0	0	0	0	4,967	523	1,220	4,145	21
Boat - Neck Lake Outlet Terminal Fishery	370	1,091	0	21	1,913	0	209	0	78	0	0	0	0	202	0	0	63	0
Boat - Thorne Bay	300	1,793	0	27	775	10	226	11	20	0	0	0	0	259	84	0	529	0
Boat - Westside Prince of Wales Island	7,041	25,161	0	3,861	35,063	149	7,534	822	66	0	0	0	0	14,741	2,494	935	16,977	133
Boat - Cape Chacon	258	523	0	69	535	0	65	44	0	0	0	0	0	567	142	0	921	0
Boat - Waterfall Bay	933	2,247	0	737	4,695	10	1,151	66	0	0	0	0	0	1,810	200	20	1,068	0
Boat - Other	81	358	0	10	243	0	12	0	0	0	0	0	0	84	37	20	64	0
Shoreline - Neck Lake Outlet Terminal Fishery	428	943	0	0	1,231	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	324	780	0	0	82	255	0	0	0	0	0	0	0	0	0	0	0	288
SALTWATER TOTAL	12,544	48,993	0	5,793	61,868	1,139	15,351	1,573	164	0	0	0	0	22,630	3,480	2,195	23,767	442
FRESHWATER:																		
Eagle Creek	396	659	0	0	30	0	74	0	162	0	17	40	0	0	0	0	0	0
Harris River	523	1,304	0	0	396	0	410	0	40	0	25	0	0	0	0	0	0	0
Klawock River	906	2,584	0	0	1,500	0	130	0	55	0	13	20	0	0	0	0	0	0
Staney Creek	829	1,464	0	0	484	0	149	0	0	0	0	0	0	0	0	0	0	0
Thorne River and Lake	1,308	3,376	0	0	1,079	0	275	67	441	0	104	212	0	0	0	0	0	0
Other streams	1,471	3,620	0	0	1,725	225	510	22	126	0	85	93	0	0	0	0	0	22
Lakes	375	1,035	0	0	100	0	0	0	81	0	0	86	0	0	0	0	0	0
FRESHWATER TOTAL	3,295	14,042	0	0	5,314	225	1,548	89	905	0	244	451	0	0	0	0	0	22
GRAND TOTAL	14,071	63,035	0	5,793	67,182	1,364	16,899	1,662	1,069	0	244	451	0	22,630	3,480	2,195	23,767	464

Note: Prince of Wales Island (Area B): All waters of Alaska, including drainages, from Cape Chacon to Sumner Strait, and from Clarence Island westward, including Forester Island.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.44.–Prince of Wales Island area standard errors of sport fish harvest and effort by fisheries and species, 2009.

Area fished	Days fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	SM	HA	LC	PC	RF	Other ^b
SALTWATER:																	
Boat - Eastside Prince of Wales Island	1,907	0	183	2,485	438	1,240	164	0	0	0	0	0	634	108	331	778	16
Boat - Neck Lake Outlet Terminal Fishery	304	0	20	629	0	205	0	79	0	0	0	0	112	0	0	38	0
Boat - Thorne Bay	624	0	21	304	10	112	11	20	0	0	0	0	143	59	0	275	0
Boat - Westside Prince of Wales Island	2,453	0	722	2,876	71	1,394	195	48	0	0	0	0	1,225	242	224	1,582	42
Boat - Cape Chacon	192	0	36	224	0	49	32	0	0	0	0	0	316	81	0	684	0
Boat - Waterfall Bay	374	0	185	1,022	10	460	56	0	0	0	0	0	395	57	20	322	0
Boat - Other	240	0	11	150	0	12	0	0	0	0	0	0	53	22	20	46	0
Shoreline - Neck Lake Outlet Terminal Fishery	296	0	0	453	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	439	0	0	50	236	0	0	0	0	0	0	0	0	0	0	0	286
SALTWATER TOTAL	3,278	0	772	4,042	505	1,932	263	94	0	0	0	0	1,470	284	392	1,867	290
FRESHWATER:																	
Eagle Creek	180	0	0	31	0	75	0	95	0	16	41	0	0	0	0	0	0
Harris River	318	0	0	175	0	200	0	29	0	24	0	0	0	0	0	0	0
Klawock River	519	0	0	476	0	70	0	39	0	13	20	0	0	0	0	0	0
Staney Creek	271	0	0	188	0	117	0	0	0	0	0	0	0	0	0	0	0
Thorne River and Lake	625	0	0	277	0	119	65	268	0	108	125	0	0	0	0	0	0
Other streams	553	0	0	523	203	217	22	66	0	65	59	0	0	0	0	0	22
Lakes	267	0	0	50	0	0	0	53	0	0	56	0	0	0	0	0	0
FRESHWATER TOTAL	1,135	0	0	818	203	350	70	300	0	132	158	0	0	0	0	0	22
GRAND TOTAL	3,482	0	772	4,143	548	1,958	273	314	0	132	158	0	1,470	284	392	1,867	292

Note: Prince of Wales Island (Area B): All waters of Alaska, including drainages, from Cape Chacon to Sumner Strait, and from Clarence Island westward, including Forester Island.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.45.—Kake, Petersburg, Wrangell, Stikine area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days		KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	LC	RF	Other ^c
		fished	KI ^b																
SALTWATER:																			
Boat - Frederick Sound near Petersburg	2,509	7,449	0	773	1,460	0	324	111	50	0	0	17	0	0	88	3,913	74	632	89
Boat - Terminal Harvest Area near Petersburg	423	1,239	115	557	31	0	11	11	26	0	0	0	0	0	0	144	0	0	0
Boat - Remainder of Petersburg Area	654	2,610	0	165	764	0	12	67	22	0	0	0	0	0	0	952	0	171	0
Boat - Wrangell Narrows	1,530	7,205	10	913	250	10	63	0	70	0	0	0	0	0	1,320	692	0	0	133
Boat - Kake Area	597	2,059	0	45	505	10	706	101	0	0	0	24	0	0	0	788	118	1,775	58
Boat - Greys Pass/Banana Point	413	1,183	0	494	31	0	0	0	0	0	0	0	0	0	0	271	0	22	0
Boat - Sumner Strait - Strait Island to Greys Pass	1,981	7,214	0	401	1,301	0	872	84	80	0	0	0	0	0	0	2,961	9	179	0
Boat - Wrangell Area	1,949	7,325	0	1,203	908	0	410	47	36	6	0	63	0	0	0	1,227	64	162	14
Boat - Snow Passage	717	1,687	0	15	1,263	51	385	0	20	13	0	0	0	0	0	849	63	368	0
Boat - Thomas Bay	788	1,161	0	127	204	0	95	122	0	0	0	0	0	0	0	433	18	49	0
Boat - Other	904	3,895	0	250	1,931	50	753	180	0	0	0	0	0	0	0	828	55	1,265	159
Shoreline	899	2,609	0	35	612	0	65	0	316	0	0	17	0	0	0	0	0	0	0
SALTWATER TOTAL	9,044	45,636	125	4,978	9,260	121	3,696	723	620	19	0	121	0	0	1,408	13,058	401	4,623	453
FRESHWATER:																			
Blind Slough (in Wrangell Narrows)	543	1,459	41	184	93	0	0	0	16	0	0	81	0	0	0	0	0	0	0
Petersburg Creek	318	845	0	0	198	0	43	0	245	13	0	36	0	0	0	0	0	0	185
Kah Sheets River	299	466	0	0	133	703	11	0	100	0	0	0	0	0	0	0	0	0	0
Other streams	1,424	3,982	0	0	1,447	440	22	11	575	0	0	406	0	0	667	0	0	0	0
Lakes	497	1,883	0	0	102	0	11	0	159	0	17	398	0	0	0	0	0	0	0
FRESHWATER TOTAL	2,504	8,635	41	184	1,973	1,143	87	11	1,095	13	17	921	0	0	667	0	0	0	185
GRAND TOTAL	9,596	54,271	166	5,162	11,233	1,264	3,783	734	1,715	32	17	1,042	0	0	2,075	13,058	401	4,623	638

Note: Kake, Petersburg, Wrangell, Stikine (Area C): All waters of Alaska, including drainages, from Ernest Sound to Cape Fanshaw, including Wrangell, Etolin, Zarembo, Mitkof, Kupreanof, Kuiu, and Coronation islands, and Ernest Sound.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.46.—Kake, Petersburg, Wrangell, Stikine area standard errors of sport fish harvest and effort by fisheries and species, 2009.

Area fished	Days fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	LC	RF	Other ^b
SALTWATER:																		
Boat - Frederick Sound near Petersburg	1,076	0	251	338	0	147	58	29	0	0	18	0	0	84	634	42	231	54
Boat - Terminal Harvest Area near Petersburg	395	57	231	31	0	11	12	20	0	0	0	0	0	0	107	0	0	0
Boat - Remainder of Petersburg Area	742	0	85	277	0	11	59	23	0	0	0	0	0	0	319	0	121	0
Boat - Wrangell Narrows	1,912	10	278	132	10	61	0	39	0	0	0	0	0	1,324	155	0	0	85
Boat - Kake Area	1,020	0	36	218	10	326	60	0	0	0	23	0	0	0	210	42	682	57
Boat - Greys Pass/Banana Point	387	0	236	32	0	0	0	0	0	0	0	0	0	0	145	0	22	0
Boat - Sumner Strait - Strait Island to Greys Pass	1,731	0	149	338	0	388	43	52	0	0	0	0	0	0	534	10	88	0
Boat - Wrangell Area	1,517	0	291	330	0	232	36	26	6	0	36	0	0	0	394	38	95	14
Boat - Snow Passage	596	0	14	572	49	225	0	21	12	0	0	0	0	0	303	40	257	0
Boat - Thomas Bay	243	0	68	104	0	70	111	0	0	0	0	0	0	0	126	13	29	0
Boat - Other	876	0	100	663	35	541	117	0	0	0	0	0	0	0	256	30	757	145
Shoreline	763	0	36	320	0	56	0	204	0	0	16	0	0	0	0	0	0	0
SALTWATER TOTAL	3,555	58	613	1,143	62	837	201	219	14	0	49	0	0	1,327	1,100	87	1,084	186
FRESHWATER:																		
Blind Slough (in Wrangell Narrows)	405	30	80	44	0	0	0	17	0	0	72	0	0	0	0	0	0	0
Petersburg Creek	297	0	0	154	0	25	0	169	13	0	26	0	0	0	0	0	0	188
Kah Sheets River	158	0	0	99	309	10	0	103	0	0	0	0	0	0	0	0	0	0
Other streams	722	0	0	398	451	15	11	195	0	0	158	0	0	656	0	0	0	0
Lakes	618	0	0	94	0	10	0	148	0	17	154	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,096	30	80	448	545	33	11	324	13	17	235	0	0	656	0	0	0	188
GRAND TOTAL	3,721	65	620	1,243	549	836	201	397	19	17	240	0	0	1,477	1,100	87	1,084	267

Note: Kake, Petersburg, Wrangell, Stikine (Area C): All waters of Alaska, including drainages, from Ernest Sound to Cape Fanshaw, including Wrangell, Etolin, Zarembo, Mitkof, Kupreanof, Kuiu, and Coronation islands, and Ernest Sound.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.47.—Sitka area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	LC	RF	Other ^c
SALTWATER:																			
Boat - Baranof Island East side	1,676	4,067	0	427	2,109	20	1,320	66	0	0	0	0	0	0	0	1,978	56	1,154	37
Boat - Baranof Island Southwest side	616	1,384	0	445	732	275	23	11	0	0	0	0	0	0	0	281	46	414	0
Boat - Biorka Island	1,449	2,495	0	1,546	1,903	10	198	155	0	0	0	0	0	0	0	686	86	1,484	0
Boat - Chichagof Island West side	501	957	0	137	532	17	95	0	0	0	0	0	0	0	0	293	23	307	0
Boat - Kasnyku Bay	413	747	0	21	574	0	11	11	40	0	0	0	0	0	0	158	0	180	0
Boat - Kruzof Island outer coast	4,221	8,319	0	4,444	11,712	145	913	351	0	0	0	0	0	0	0	4,795	468	6,999	52
Boat - Salisbury Sound	3,582	7,502	0	2,637	6,763	11	592	358	0	0	0	0	0	0	0	2,560	309	4,048	22
Boat - Silver Bay	1,175	1,909	0	240	878	0	47	52	0	0	0	0	0	0	0	274	27	379	0
Boat - Sitka Sound	9,794	21,234	0	8,132	17,810	225	1,783	965	151	0	0	0	0	0	0	7,132	1,067	14,665	347
Boat - Tenakee Area	782	1,618	0	150	508	0	258	119	20	0	0	0	0	0	0	593	18	263	0
Boat - Other	716	1,379	0	107	557	22	74	0	56	0	0	0	0	0	0	428	37	577	0
Shoreline - Sitka road system	466	3,299	0	40	174	0	568	229	147	0	0	0	0	0	0	0	0	92	431
Shoreline - Other	794	1,510	0	10	176	0	359	121	0	0	0	0	0	0	0	0	0	39	0
SALTWATER TOTAL	20,587	56,420	0	18,336	44,428	725	6,241	2,438	414	0	0	0	0	0	0	19,178	2,137	30,601	889
FRESHWATER:																			
Baranof Island streams and lakes	1,129	3,295	0	0	212	0	0	88	219	0	36	127	0	18	0	0	0	0	0
Chichagof Island streams and lakes	365	600	0	0	0	0	0	0	37	0	0	0	0	0	0	0	0	0	0
Unspecified streams	150	151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,504	4,046	0	0	212	0	0	88	256	0	36	127	0	18	0	0	0	0	0
GRAND TOTAL	21,216	60,466	0	18,336	44,640	725	6,241	2,526	670	0	36	127	0	18	0	19,178	2,137	30,601	889

Note: Sitka (Area D): All Alaska marine and fresh waters within the Sitka Borough boundary and north to the southern limit of the Glacier Bay area. Islands in this area include, but are not limited to, Baranof, Kruzof, Catherine, and the southern half of Chichagof.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.48.–Sitka area standard errors of sport fish harvest and effort by fisheries and species, 2009.

Area fished	Days fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	LC	RF	Other ^b
SALTWATER:																		
Boat - Baranof Island East side	613	0	112	554	19	534	34	0	0	0	0	0	0	0	491	32	390	36
Boat - Baranof Island Southwest side	300	0	184	219	176	16	11	0	0	0	0	0	0	0	82	30	178	0
Boat - Biorka Island	395	0	325	447	10	86	68	0	0	0	0	0	0	0	163	33	399	0
Boat - Chichagof Island West side	265	0	49	212	18	71	0	0	0	0	0	0	0	0	122	17	160	0
Boat - Kasnyku Bay	275	0	15	310	0	10	11	40	0	0	0	0	0	0	78	0	106	0
Boat - Kruzof Island outer coast	687	0	404	1,366	127	220	108	0	0	0	0	0	0	0	471	100	839	51
Boat - Salisbury Sound	837	0	328	918	11	206	112	0	0	0	0	0	0	0	374	68	729	17
Boat - Silver Bay	410	0	86	350	0	45	42	0	0	0	0	0	0	0	113	21	178	0
Boat - Sitka Sound	1,520	0	835	1,733	88	349	216	90	0	0	0	0	0	0	611	179	1,522	217
Boat - Tenakee Area	355	0	66	171	0	159	69	21	0	0	0	0	0	0	169	13	118	0
Boat - Other	308	0	48	210	23	43	0	57	0	0	0	0	0	0	120	19	208	0
Shoreline - Sitka road system	2,072	0	39	101	0	319	185	95	0	0	0	0	0	0	0	0	89	424
Shoreline - Other	344	0	11	94	0	241	97	0	0	0	0	0	0	0	0	0	39	0
SALTWATER TOTAL	3,048	0	1,086	2,515	242	836	360	153	0	0	0	0	0	0	1,031	224	2,010	486
FRESHWATER:																		
Baranof Island streams and lakes	651	0	0	120	0	0	84	104	0	36	96	0	18	0	0	0	0	0
Chichagof Island streams and lakes	175	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0
Unspecified streams	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	677	0	0	120	0	0	84	108	0	36	96	0	18	0	0	0	0	0
GRAND TOTAL	3,145	0	1,086	2,521	242	836	368	188	0	36	96	0	18	0	1,031	224	2,010	486

Note: Sitka (Area D): All Alaska marine and fresh waters within the Sitka Borough boundary and north to the southern limit of the Glacier Bay area. Islands in this area include, but are not limited to, Baranof, Kruzof, Catherine, and the southern half of Chichagof.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.49.–Juneau area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KI ^b	KS ^b	SS	LS	RS	PS	CS	DV	SH	RT	CT	BT	SM	HA	LC	PC	RF	Other ^c
SALTWATER:																				
Boat - Angoon area	946	4,517	0	520	2,071	0	347	1,127	338	22	0	0	0	0	167	2,624	102	671	2,514	0
Boat - Frederick Sound	574	1,055	0	0	212	0	0	606	0	45	0	0	0	0	0	707	9	13	1,483	0
Boat - Lower Stephens Passage	2,455	5,726	0	290	1,135	0	238	455	79	84	6	0	45	0	0	2,269	9	48	1,306	30
Boat - Lynn Canal	352	1,115	0	13	332	0	0	210	22	0	0	0	0	0	0	422	0	0	89	0
Boat - Saltwater near Juneau	15,270	51,608	489	4,309	14,977	0	311	6,363	3,112	334	0	0	107	0	0	13,048	239	1,986	3,973	441
Boat - Juneau Terminal Harvest Area	4,685	16,428	404	4,096	2,368	0	39	577	1,196	246	0	0	0	0	0	945	0	87	276	29
Boat - Other	171	455	40	0	65	0	0	53	0	0	0	0	0	0	0	260	9	64	42	0
Shoreline - Other Juneau road system	2,005	6,729	0	332	252	0	0	920	592	1,072	20	0	0	0	0	0	0	0	0	15
Shoreline - Macaulay Hatchery - DIPAC	1,123	5,718	52	343	1,435	0	0	12	162	348	0	0	0	0	0	0	0	0	0	15
Shoreline - Other	1,251	2,195	27	114	99	0	0	60	0	98	0	0	12	0	106	0	0	0	0	0
SALTWATER TOTAL	23,566	95,546	1,012	10,017	22,946	0	935	10,383	5,501	2,249	26	0	164	0	273	20,275	368	2,869	9,683	530
FRESHWATER:																				
Admiralty Island streams	527	1,243	0	0	107	0	0	0	0	343	0	0	17	0	0	0	0	0	0	0
Cowee Creek	1,221	4,252	0	0	1,270	0	0	455	88	241	0	0	22	0	0	0	0	0	0	0
Montana Creek	814	4,887	10	17	438	0	0	88	176	407	0	0	24	0	0	0	0	0	0	0
Peterson Creek and Salt Chuck	550	1,030	0	0	250	0	0	0	0	61	0	0	83	0	0	0	0	0	0	0
Other Juneau road system	683	1,791	0	0	118	0	119	0	35	181	0	0	48	0	0	0	0	0	0	0
Fish Creek (Douglas Island)	908	2,119	269	844	0	0	0	106	0	27	0	0	0	0	0	0	0	0	0	0
Slocum Creek	221	221	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other streams	1,211	2,195	0	0	144	0	952	275	112	119	0	50	0	0	0	0	0	0	0	0
Twin Lakes	765	1,919	0	0	0	1,962	0	0	0	0	0	0	24	0	0	0	0	0	0	0
Other lakes	572	2,481	0	0	31	0	171	12	55	16	0	0	102	0	0	0	0	0	0	29
FRESHWATER TOTAL	5,193	22,138	279	861	2,358	1,962	1,242	936	466	1,395	0	50	320	0	0	0	0	0	0	29
GRAND TOTAL	25,966	117,684	1,291	10,878	25,304	1,962	2,177	11,319	5,967	3,644	26	50	484	0	273	20,275	368	2,869	9,683	559

Note: Juneau (Area E): All waters of Alaska, including drainages, from Cape Fanshaw to Point Sherman, including Berners Bay, Lynn Canal south of a line from Point Sherman to the Haines Borough boundary, Point Sherman, and all of Admiralty Island.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

^d Marine waters east of a line from Pt. Louisa to the eastern shore of Portland Island, to the north tip of Outer Point on Douglas Island, and the waters west of the Juneau-Douglas Bridge.

Table 2.50.–Juneau area standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KI ^a	KS ^a	SS	LS	RS	PS	CS	DV	SH	RT	CT	BT	SM	HA	LC	PC	RF	Other ^b
SALTWATER:																			
Boat - Angoon area	1,464	0	134	551	0	181	442	161	22	0	0	0	0	172	683	36	296	710	0
Boat - Frederick Sound	300	0	0	136	0	0	468	0	44	0	0	0	0	0	257	9	12	854	0
Boat - Lower Stephens Passage	887	0	83	414	0	205	286	42	60	6	0	47	0	0	637	10	37	587	21
Boat - Lynn Canal	444	0	13	200	0	0	123	16	0	0	0	0	0	0	170	0	0	47	0
Boat - Saltwater near Juneau	4,678	185	780	1,525	0	97	1,064	646	92	0	0	97	0	0	1,357	118	403	613	357
Boat - Juneau Terminal Harvest Area	2,545	203	1,060	519	0	29	159	349	140	0	0	0	0	0	233	0	44	151	29
Boat - Other	183	39	0	44	0	0	32	0	0	0	0	0	0	0	200	9	48	26	0
Shoreline - Other Juneau road system	1,424	0	233	185	0	0	456	313	535	15	0	0	0	0	0	0	0	0	15
Shoreline - Macaulay Hatchery - DIPAC	2,545	38	182	528	0	0	12	100	191	0	0	0	0	0	0	0	0	0	15
Shoreline - Other	494	20	88	79	0	0	40	0	57	0	0	12	0	103	0	0	0	0	0
SALTWATER TOTAL	6,301	278	1,344	1,812	0	290	1,406	826	594	16	0	109	0	202	1,683	124	495	1,430	358
FRESHWATER:																			
Admiralty Island streams	550	0	0	81	0	0	0	0	166	0	0	17	0	0	0	0	0	0	0
Cowee Creek	1,042	0	0	385	0	0	240	87	165	0	0	15	0	0	0	0	0	0	0
Montana Creek	2,252	10	17	227	0	0	89	177	337	0	0	24	0	0	0	0	0	0	0
Peterson Creek and Salt Chuck	421	0	0	234	0	0	0	0	51	0	0	58	0	0	0	0	0	0	0
Other Juneau road system	530	0	0	97	0	53	0	36	107	0	0	29	0	0	0	0	0	0	0
Fish Creek (Douglas Island)	549	174	450	0	0	0	79	0	20	0	0	0	0	0	0	0	0	0	0
Slocum Creek	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other streams	550	0	0	95	0	515	195	84	75	0	53	0	0	0	0	0	0	0	0
Twin Lakes	622	0	0	0	766	0	0	0	0	0	0	24	0	0	0	0	0	0	0
Other lakes	825	0	0	30	0	161	11	47	17	0	0	57	0	0	0	0	0	0	30
FRESHWATER TOTAL	2,934	174	450	527	766	549	325	219	443	0	53	94	0	0	0	0	0	0	30
GRAND TOTAL	6,929	324	1,406	1,868	766	637	1,446	857	738	16	53	144	0	202	1,683	124	495	1,430	359

Note: Juneau (Area E): All waters of Alaska, including drainages, from Cape Fanshaw to Point Sherman, including Berners Bay, Lynn Canal south of a line from Point Sherman to the Haines Borough boundary, Point Sherman, and all of Admiralty Island.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.51.—Haines-Skagway area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	HA	LC	PC	RF	Other ^c
SKAGWAY SUB-AREA																			
SALTWATER:																			
Boat - Taiya Inlet	1,812	4,063	0	450	57	0	362	52	57	0	0	0	0	0	13	0	0	0	0
Shoreline - Taiya Inlet	143	335	0	0	0	0	71	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	1,955	4,398	0	450	57	0	433	52	57	0	0	0	0	0	13	0	0	0	0
FRESHWATER:																			
Pullen Creek and Pond	383	529	0	16	0	0	324	0	28	0	0	0	0	0	0	0	0	0	0
Other streams and lakes	348	1,011	0	0	0	0	528	28	50	0	0	0	25	0	0	0	0	0	0
FRESHWATER TOTAL	605	1,540	0	16	0	0	852	28	78	0	0	0	25	0	0	0	0	0	0
SKAGWAY SUB-AREA TOTAL	2,491	5,938	0	466	57	0	1,285	80	135	0	0	0	25	0	13	0	0	0	0
HAINES SUB-AREA																			
SALTWATER:																			
Boat - Chilkat Inlet	686	2,370	0	222	16	0	0	0	12	0	0	0	0	0	0	0	0	92	18
Boat - Chilkoot Inlet	642	959	0	21	0	0	258	0	22	0	0	0	0	0	213	0	0	37	0
Boat - Other	285	492	0	26	305	0	525	0	0	0	0	0	0	0	242	19	29	11	0
Shoreline	397	1,005	0	0	19	11	262	0	256	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	1,775	4,826	0	269	340	11	1,045	0	290	0	0	0	0	0	455	19	29	140	18
FRESHWATER:																			
Chilkat River drainage	1,769	4,609	0	0	1,992	220	222	449	876	0	0	85	0	0	0	0	0	0	0
Chilkoot River	1,789	4,279	0	0	213	102	1,274	28	411	0	0	12	0	0	0	0	0	0	0
Other streams	125	336	0	0	142	0	210	0	25	0	0	0	0	0	0	0	0	0	0
Chilkat Lake	384	650	0	0	67	34	0	0	130	0	0	165	0	0	0	0	0	0	0
Chilkoot Lake	1,067	2,039	0	0	278	63	219	0	152	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	4,042	11,913	0	0	2,692	419	1,925	477	1,594	0	0	262	0	0	0	0	0	0	0
HAINES SUB-AREA TOTAL	5,145	16,739	0	269	3,032	430	2,970	477	1,884	0	0	262	0	0	455	19	29	140	18
GRAND TOTAL	7,339	22,677	0	735	3,089	430	4,255	557	2,019	0	0	262	25	0	468	19	29	140	18

Note: Haines-Skagway (Area F): All waters of Alaska, including drainages, from Point Sherman to the Canadian borders, including Lynn Canal and other waters north of a line from Point Sherman to Haines Borough boundary. Does not include Point Sherman.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.52.—Haines-Skagway area standard errors of sport fish harvest and effort by fisheries and species, 2009.

Area fished	Days fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	BT	GR	HA	LC	PC	RF	Other ^b
SKAGWAY SUB-AREA																		
SALTWATER:																		
Boat - Taiya Inlet	1,547	0	188	50	0	174	35	33	0	0	0	0	0	12	0	0	0	0
Shoreline - Taiya Inlet	146	0	0	0	0	61	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	1,555	0	188	50	0	186	35	33	0	0	0	0	0	12	0	0	0	0
FRESHWATER:																		
Pullen Creek and Pond	182	0	16	0	0	205	0	28	0	0	0	0	0	0	0	0	0	0
Other streams and lakes	522	0	0	0	0	400	26	51	0	0	0	20	0	0	0	0	0	0
FRESHWATER TOTAL	558	0	16	0	0	454	26	58	0	0	0	20	0	0	0	0	0	0
SKAGWAY SUB-AREA TOTAL	1,641	0	189	50	0	486	43	68	0	0	0	20	0	12	0	0	0	0
HAINES SUB-AREA																		
SALTWATER:																		
Boat - Chilkat Inlet	1,061	0	153	16	0	0	0	12	0	0	0	0	0	0	0	0	93	19
Boat - Chilkoot Inlet	236	0	14	0	0	172	0	15	0	0	0	0	0	87	0	0	36	0
Boat - Other	233	0	26	295	0	539	0	0	0	0	0	0	0	132	19	20	11	0
Shoreline	304	0	0	19	11	171	0	145	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	1,180	0	155	295	11	599	0	147	0	0	0	0	0	164	19	20	99	19
FRESHWATER:																		
Chilkat River drainage	681	0	0	418	89	130	214	343	0	0	56	0	0	0	0	0	0	0
Chilkoot River	693	0	0	121	40	359	28	123	0	0	12	0	0	0	0	0	0	0
Other streams	196	0	0	144	0	213	0	25	0	0	0	0	0	0	0	0	0	0
Chilkat Lake	258	0	0	48	33	0	0	94	0	0	79	0	0	0	0	0	0	0
Chilkoot Lake	479	0	0	141	41	128	0	117	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,154	0	0	491	111	446	216	394	0	0	98	0	0	0	0	0	0	0
HAINES SUB-AREA TOTAL	1,640	0	155	562	111	760	216	416	0	0	98	0	0	164	19	20	99	19
GRAND TOTAL	2,334	0	241	563	111	899	221	421	0	0	98	20	0	164	19	20	99	19

Note: Haines-Skagway (Area F): All waters of Alaska, including drainages, from Point Sherman to the Canadian borders, including Lynn Canal and other waters north of a line from Point Sherman to Haines Borough boundary. Does not include Point Sherman.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.53.—Glacier Bay area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days																	
	Anglers ^a	fished	KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	SM	HA	LC	PC	RF	Other ^c
SALTWATER:																		
Boat - Cross Sound (excl. Glacier Bay National Park)	1,630	4,174	0	592	2,517	0	1,454	40	0	0	0	0	26	1,983	243	25	1,934	136
Boat - Elfin Cove	288	831	0	163	1,004	0	144	44	0	0	0	0	0	667	36	10	563	7
Boat - Glacier Bay (Proper)	1,371	3,832	0	86	116	0	330	35	49	0	0	0	0	2,382	18	127	160	228
Boat - Glacier Bay National Park (excl. Glacier Bay)	639	1,201	0	203	298	0	284	22	0	0	0	0	0	923	9	0	315	0
Boat - Gustavus Area	1,208	4,136	0	479	1,292	11	3,251	379	30	0	0	0	0	3,882	72	50	410	0
Boat - Homeshore Area	1,371	6,083	0	90	1,909	346	3,778	912	120	0	0	0	0	2,721	0	45	233	0
Boat - Hoonah Area	1,750	3,503	0	222	605	0	331	211	22	0	0	10	0	2,131	0	30	311	0
Boat - Icy Strait (excl. Glacier Bay National Park)	4,708	10,792	0	285	3,114	92	4,858	850	100	0	0	0	0	7,445	87	242	845	7
Boat - Outer Coast Yakobi Island	1,136	2,756	0	1,102	2,407	11	678	33	0	0	0	0	0	1,069	181	46	940	0
Boat - Other	465	1,010	0	55	142	0	110	11	0	0	0	0	0	397	9	25	112	0
Shoreline	221	468	0	0	265	17	45	41	50	0	0	0	0	0	0	0	0	109
SALTWATER TOTAL	11,059	38,786	0	3,277	13,669	477	15,263	2,578	371	0	0	10	26	23,600	655	600	5,823	487
FRESHWATER:																		
Bartlett River	248	388	0	0	519	41	35	0	60	26	0	30	0	0	0	0	0	0
North Chichagof Island streams	410	749	0	0	489	0	95	0	67	0	13	10	0	0	0	0	0	0
Salmon River	309	444	0	0	61	0	47	0	40	13	0	0	0	0	0	0	0	0
Other streams and lakes	281	790	0	0	172	20	176	0	239	0	0	20	0	0	0	0	0	0
FRESHWATER TOTAL	1,110	2,371	0	0	1,241	61	353	0	406	39	13	60	0	0	0	0	0	0
GRAND TOTAL	11,431	41,157	0	3,277	14,910	538	15,616	2,578	777	39	13	70	26	23,600	655	600	5,823	487

Note: Glacier Bay (Area G): All waters of Alaska, including drainages, south of Cape Fairweather to and including Chichagof drainages into Icy Strait and Cross Sound, west of Point Couverden and the Haines Borough boundary, including Pleasant Island, The Sisters, and Point Couverden.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.54.—Glacier Bay area standard errors of sport fish harvest and effort by fisheries and species, 2009.

Area fished	Days fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	SM	HA	LC	PC	RF	Other ^b
SALTWATER:																	
Boat - Cross Sound (excl. Glacier Bay National Park)	606	0	140	505	0	477	23	0	0	0	0	26	335	73	25	445	99
Boat - Elfin Cove	242	0	63	427	0	83	31	0	0	0	0	0	196	18	10	245	8
Boat - Glacier Bay (Proper)	1,327	0	51	47	0	146	36	50	0	0	0	0	696	13	72	76	186
Boat - Glacier Bay National Park (excl. Glacier Bay)	245	0	94	154	0	155	23	0	0	0	0	0	237	9	0	176	0
Boat - Gustavus Area	709	0	177	354	11	1,047	167	22	0	0	0	0	685	32	39	153	0
Boat - Homeshore Area	1,928	0	40	470	312	893	319	121	0	0	0	0	603	0	34	96	0
Boat - Hoonah Area	652	0	104	179	0	147	106	22	0	0	10	0	387	0	20	134	0
Boat - Icy Strait (excl. Glacier Bay National Park)	1,094	0	94	612	42	1,036	317	59	0	0	0	0	874	33	95	207	7
Boat - Outer Coast Yakobi Island	474	0	284	636	11	236	24	0	0	0	0	0	294	58	37	238	0
Boat - Other	282	0	31	104	0	62	11	0	0	0	0	0	134	8	24	64	0
Shoreline	163	0	0	152	17	31	40	49	0	0	0	0	0	0	0	0	108
SALTWATER TOTAL	2,912	0	413	1,248	315	1,796	481	156	0	0	10	26	1,662	107	145	657	238
FRESHWATER:																	
Bartlett River	136	0	0	218	42	25	0	58	25	0	29	0	0	0	0	0	0
North Chichagof Island streams	209	0	0	239	0	58	0	70	0	13	11	0	0	0	0	0	0
Salmon River	168	0	0	48	0	45	0	39	12	0	0	0	0	0	0	0	0
Other streams and lakes	342	0	0	91	20	175	0	205	0	0	19	0	0	0	0	0	0
FRESHWATER TOTAL	459	0	0	337	46	193	0	229	28	13	36	0	0	0	0	0	0
GRAND TOTAL	2,939	0	413	1,308	318	1,803	481	281	28	13	37	26	1,662	107	145	657	238

Note: Glacier Bay (Area G): All waters of Alaska, including drainages, south of Cape Fairweather to and including Chichagof drainages into Icy Strait and Cross Sound, west of Point Couverden and the Haines Borough boundary, including Pleasant Island, The Sisters, and Point Couverden.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a KI is Chinook salmon less than 28 inches. KS is Chinook salmon 28 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.55.—Yakutat area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KI ^b	KS ^b	SS	RS	PS	CS	DV	SH	RT	CT	NP	SM	HA	LC	PC	RF	Other ^c
SALTWATER:																			
Boat - Yakutat Bay	2,513	7,255	0	829	5,035	70	56	0	10	0	0	0	0	19	4,904	763	211	2,033	37
Boat - Other	144	229	0	31	257	0	0	0	24	0	0	0	0	0	171	37	0	339	0
Shoreline	290	487	0	20	216	10	13	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	2,730	7,971	0	880	5,508	80	69	0	34	0	0	0	0	19	5,075	800	211	2,372	37
FRESHWATER:																			
East Alsek River	357	893	0	0	885	151	23	0	22	0	0	0	0	0	0	0	0	0	0
Itallo River	456	1,450	26	0	1,896	0	105	0	0	0	0	0	0	0	0	0	0	0	0
Lost River	365	1,044	53	0	959	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Situk River, above weir	2,039	5,919	227	0	1,436	3,227	305	11	178	13	0	0	0	0	0	0	0	0	0
Situk River, below weir	2,000	5,941	48	0	2,462	3,145	801	0	108	13	0	0	0	0	0	0	0	0	0
Tsiu River	542	1,938	0	0	3,399	0	32	0	0	0	0	0	0	0	0	0	0	0	0
Other streams and lakes	671	1,676	26	34	1,330	89	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	4,602	18,861	380	34	12,367	6,612	1,266	11	308	26	0	0	0	0	0	0	0	0	0
GRAND TOTAL	5,527	26,832	380	914	17,875	6,692	1,335	11	342	26	0	0	0	19	5,075	800	211	2,372	37

Note: Yakutat (Area H): All waters of Alaska, including drainages, from but not including, Cape Suckling to and including Cape Fairweather.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b KS is Chinook salmon 28 inches and over in saltwater; Chinook salmon 20 inches and over in freshwater.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.56.—Yakutat area standard errors of sportfish harvest and effort by fisheries and species, 2009.

Area fished	Days fished	KI ^a	KS ^a	SS	RS	PS	CS	DV	SH	RT	CT	NP	SM	HA	LC	PC	RF	Other ^b
SALTWATER:																		
Boat - Yakutat Bay	1,255	0	183	854	39	41	0	10	0	0	0	0	18	786	197	102	439	31
Boat - Other	104	0	21	203	0	0	0	24	0	0	0	0	0	80	22	0	292	0
Shoreline	139	0	14	96	10	13	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	1,264	0	187	879	41	43	0	26	0	0	0	0	18	789	198	102	520	31
FRESHWATER:																		
East Alsek River	227	0	0	237	120	22	0	22	0	0	0	0	0	0	0	0	0	0
Itallo River	304	26	0	483	0	106	0	0	0	0	0	0	0	0	0	0	0	0
Lost River	245	53	0	255	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Situk River, above weir	658	156	0	291	718	122	11	75	13	0	0	0	0	0	0	0	0	0
Situk River, below weir	816	39	0	547	727	437	0	43	12	0	0	0	0	0	0	0	0	0
Tsiu River	406	0	0	921	0	31	0	0	0	0	0	0	0	0	0	0	0	0
Other streams and lakes	302	27	19	320	70	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,249	172	19	1,311	1,042	470	11	89	18	0	0	0	0	0	0	0	0	0
GRAND TOTAL	1,749	172	187	1,573	1,040	472	11	92	18	0	0	0	18	789	198	102	520	31

Note: Yakutat (Area H): All waters of Alaska, including drainages, from but not including, Cape Suckling to and including Cape Fairweather.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a KS is Chinook salmon 28 inches and over in saltwater; Chinook salmon 20 inches and over in freshwater.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.57.—Upper Copper River drainages sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days												
		fished	KS	SS	LS	RS	LT	DV	SH	RT	GR	WF	BB	Other ^b
Gulkana River - above Paxson	296	1,013	0	0	0	0	0	0	0	0	123	0	0	0
Gulkana River - Paxson to ADFG Tower	1,219	3,371	10	0	0	176	18	0	0	0	784	10	0	0
Gulkana River - ADFG Tower to West Fork	828	1,192	42	0	0	10	0	0	0	0	38	0	0	0
Gulkana River - West Fork to Highway	1,658	3,078	317	0	0	570	0	0	0	0	121	0	0	0
Gulkana River - Highway to Copper River	849	2,502	137	0	0	316	0	0	0	0	27	0	0	0
Gulkana River - other	498	1,909	10	0	0	229	0	0	0	0	126	0	0	0
Klutina River	5,527	15,644	733	0	0	11,759	27	620	0	0	47	32	0	0
Tonsina River	385	541	58	0	0	0	14	93	0	0	35	0	0	0
Other streams	1,262	6,174	48	36	0	270	72	230	0	131	1,057	8	898	22
Van and Silver lakes	363	492	0	0	0	0	0	0	0	507	0	0	0	0
Other stocked lakes	782	1,882	0	0	44	0	0	0	0	506	35	0	0	0
Crosswind Lake	409	2,056	0	0	0	34	295	0	0	0	67	0	452	0
Paxson Lake	776	1,227	0	0	0	0	191	0	0	0	103	21	0	0
Summit Lake (near Paxson)	564	946	0	0	0	0	125	0	0	0	0	0	0	0
Other lakes	870	2,537	0	0	0	51	195	0	0	110	701	0	774	0
TOTAL	12,602	44,564	1,355	36	44	13,415	937	943	0	1,254	3,264	71	2,124	22

Note: Upper Copper River drainage area (I): All waters and tributaries of the Copper River upstream from a line between the south bank of Haley Creek and the south bank of Canyon Creek in Wood Canyon. Includes Van, Paxson, Summit, Strelna, Sculpin, and Hudson lakes, Gulkana River and others. Does not include Tangle Lakes (area U), and does not include Lake Louise (Area M).

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.58.—Upper Copper River drainages standard errors of sport fish harvest and effort by fisheries and species, 2009.

Area fished	Days fished	KS	SS	LS	RS	LT	DV	SH	RT	GR	WF	BB	Other ^a
Gulkana River - above Paxson	457	0	0	0	0	0	0	0	0	75	0	0	0
Gulkana River - Paxson to ADFG Tower	731	10	0	0	139	19	0	0	0	419	11	0	0
Gulkana River - ADFG Tower to West Fork	283	26	0	0	10	0	0	0	0	26	0	0	0
Gulkana River - West Fork to Highway	569	121	0	0	421	0	0	0	0	68	0	0	0
Gulkana River - Highway to Copper River	798	45	0	0	159	0	0	0	0	27	0	0	0
Gulkana River - Other	946	11	0	0	107	0	0	0	0	74	0	0	0
Klutina River	2,137	141	0	0	1,939	20	414	0	0	33	32	0	0
Tonsina River	152	34	0	0	0	13	65	0	0	36	0	0	0
Other streams	3,379	30	34	0	179	52	163	0	133	416	8	825	16
Van and Silver lakes	171	0	0	0	0	0	0	0	208	0	0	0	0
Other stocked lakes	531	0	0	42	0	0	0	0	231	36	0	0	0
Crosswind Lake	1,042	0	0	0	35	181	0	0	0	72	0	345	0
Paxson Lake	311	0	0	0	0	74	0	0	0	72	22	0	0
Summit Lake (near Paxson)	332	0	0	0	0	77	0	0	0	0	0	0	0
Other lakes	1,020	0	0	0	51	104	0	0	68	333	0	621	0
TOTAL	4,689	201	34	42	2,005	243	445	0	343	719	42	1,101	16

Note: Upper Copper River drainage Area (I): All waters and tributaries of the Copper River upstream from a line between the south bank of Haley Creek and the south bank of Canyon Creek in Wood Canyon. Includes Van, Paxson, Summit, Strelna, Sculpin, and Hudson lakes, Gulkana River and others. Does not include Tangle Lakes (area U), and does not include Lake Louise (Area M).

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.59.—North Gulf Coast/Prince William Sound area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days																	
		fished	KS	SS	RS	PS	CS	DV	SH	RT	CT	GR	HA	SK	RF	LC	HCL	SHR	Other ^b
SALTWATER:																			
Boat - Resurrection Bay - Trip to Seward	28,284	48,779	1,330	58,571	2,322	2,350	258	38	21	0	0	19,498	7	20,635	2,052	0	47	322	
Boat - North Gulf Coast West of Aialik Cape	5,419	8,650	181	6,984	50	171	0	31	0	0	0	5,459	0	7,417	1,617	0	9	51	
Boat - North Gulf Coast East of Aialik Cape	10,242	18,840	144	19,502	145	640	85	67	13	0	0	13,551	0	10,021	1,719	0	0	136	
Boat - West PWS - Trip to Seward	7,140	10,756	274	4,228	176	76	0	0	0	0	0	11,459	18	7,338	1,367	0	359	360	
Boat - Other - Trip to Seward	379	483	26	251	0	0	0	0	0	0	0	353	0	263	37	0	12	0	
Boat - West PWS - Trip to Whittier/Chenega/West PWS	13,898	57,404	704	11,013	6,655	1,444	301	20	0	0	20	14,270	13	22,052	2,361	0	12,695	189	
Boat - East PWS - Trip to Whittier/Chenega/West PWS	1,832	4,329	0	2,786	11	835	75	0	0	0	0	1,479	0	1,305	434	0	62	0	
Boat - West PWS - Trip to Valdez	3,803	8,633	218	3,024	272	104	0	0	0	0	71	3,864	0	3,784	869	0	2,094	88	
Boat - East PWS - Trip to Valdez	7,356	20,419	1,217	10,162	193	1,319	18	0	35	0	102	11,170	24	5,697	2,016	0	3,114	158	
Boat - Other - Trip to Valdez	461	1,066	13	1,667	0	0	0	0	0	0	0	206	0	22	0	0	0	0	
Boat - Valdez Arm - Trip to Valdez	8,933	23,278	959	25,729	249	1,583	70	0	0	0	181	1,950	0	1,649	241	0	2,889	14	
Boat - West PWS - Trip to Cordova or East PWS	426	926	0	57	0	11	0	0	0	0	0	203	0	59	37	0	269	22	
Boat - East PWS - Trip to Cordova or East PWS	1,681	7,343	346	1,699	250	420	179	67	0	0	17	1,841	0	1,383	198	0	649	0	
Boat - Other	633	1,183	59	1,251	170	0	0	0	0	0	0	542	0	425	27	0	0	0	
Shoreline - Resurrection Bay (Seward)	4,762	11,687	26	1,699	7,926	1,162	237	29	0	0	0	0	0	160	0	0	0	131	
Shoreline - Passage Canal (Whittier)	1,237	1,990	138	415	69	65	0	0	0	0	0	0	0	116	0	0	64	14	
Shoreline - Other West Prince William Sound	191	646	0	46	17	373	111	0	0	0	0	0	0	71	0	68	21	0	
Shoreline - Valdez road system	2,826	5,426	238	2,616	40	4,027	88	0	0	0	0	0	0	0	0	0	0	0	
Shoreline - Allison Point	5,388	11,524	67	4,778	181	8,661	0	27	0	0	0	0	0	42	37	0	0	0	
Shoreline - Remainder of Valdez Arm	1,753	3,777	0	2,260	0	2,103	0	0	0	0	0	0	0	0	37	11	312	0	
Shoreline - Orca Inlet	489	1,345	0	617	0	157	22	0	0	0	0	0	0	22	0	0	0	0	
Shoreline - Other	220	584	0	253	61	64	34	0	0	0	0	0	0	0	0	75	0	0	
SALTWATER TOTAL	87,742	249,068	5,940	159,608	18,787	25,565	1,478	279	69	0	391	85,845	62	82,461	13,049	154	22,596	1,485	
FRESHWATER:																			
Alaganik Slough	715	2,128	0	1,379	96	0	0	109	0	0	71	0	0	0	0	0	0	0	
Eyak River	1,860	7,810	0	8,464	474	88	0	330	0	0	20	0	0	0	0	0	0	0	
Ibeck Creek	982	4,145	0	3,780	0	0	0	609	0	0	36	0	0	0	0	0	0	0	
Other East Prince William Sound streams	570	1,860	205	370	389	32	34	362	0	0	0	0	0	0	0	0	0	0	
West Prince William Sound streams and lakes	304	409	0	107	77	95	0	50	0	0	24	0	0	0	0	0	0	0	
Other streams	526	1,747	0	2,173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lakes	750	1,569	0	84	241	35	0	159	0	50	90	0	0	0	0	0	0	0	
FRESHWATER TOTAL	4,312	19,668	205	16,357	1,277	250	34	1,619	0	50	241	0	0	0	0	0	0	0	
GRAND TOTAL	90,312	268,736	6,145	175,965	20,064	25,815	1,512	1,898	69	50	632	85,845	62	82,461	13,049	154	22,596	1,485	

Note: North Gulf Coast/Prince William Sound (Area J): All saltwater and freshwater drainages from Cape Suckling on the east through Prince William Sound to Gore Point (including Gore Point). Also included is that portion of the Copper River drainage downstream of a line between the south bank of Haley Creek and the south bank of Canyon Creek in Wood Canyon.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.60.—North Gulf Coast/Prince William Sound area standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	RS	PS	CS	DV	SH	RT	CT	GR	HA	SK	RF	LC	HCL	SHR	Other ^a
SALTWATER:																		
Boat - Resurrection Bay - Trip to Seward	2,826	215	3,694	575	448	112	22	12	0	0	0	1,300	7	1,857	208	0	30	122
Boat - North Gulf Coast West of Aialik Cape	1,000	86	1,124	35	91	0	23	0	0	0	0	649	0	1,320	323	0	9	45
Boat - North Gulf Coast East of Aialik Cape	2,905	51	2,143	71	177	72	64	13	0	0	0	1,967	0	1,133	427	0	0	121
Boat - West PWS - Trip to Seward	1,199	96	588	113	31	0	0	0	0	0	0	932	18	1,055	205	0	178	365
Boat - Other - Trip to Seward	170	26	123	0	0	0	0	0	0	0	0	146	0	172	37	0	12	0
Boat - West PWS - Trip to Whittier/Chenega/West PWS	6,406	214	1,352	1,524	295	180	20	0	0	20	0	1,629	13	2,491	431	0	2,132	122
Boat - East PWS - Trip to Whittier/Chenega/West PWS	1,126	0	808	11	620	57	0	0	0	0	0	313	0	383	119	0	61	0
Boat - West PWS - Trip to Valdez	1,235	176	854	270	80	0	0	0	0	68	0	626	0	762	212	0	894	89
Boat - East PWS - Trip to Valdez	2,489	889	1,656	135	487	17	0	25	0	107	0	2,041	19	1,011	318	0	1,795	93
Boat - Other - Trip to Valdez	350	14	663	0	0	0	0	0	0	0	0	129	0	23	0	0	0	0
Boat - Valdez Arm - Trip to Valdez	2,510	604	2,782	142	491	54	0	0	0	171	0	353	0	354	80	0	1,026	14
Boat - West PWS - Trip to Cordova or East PWS	314	0	43	0	10	0	0	0	0	0	0	92	0	43	25	0	154	22
Boat - East PWS - Trip to Cordova or East PWS	2,140	211	506	184	274	130	69	0	0	16	0	410	0	433	83	0	646	0
Boat - Other	369	59	670	172	0	0	0	0	0	0	0	155	0	384	20	0	0	0
Shoreline - Resurrection Bay (Seward)	1,974	26	482	1,512	354	154	21	0	0	0	0	0	0	100	0	0	0	94
Shoreline - Passage Canal (Whittier)	409	142	317	68	46	0	0	0	0	0	0	0	0	66	0	0	51	15
Shoreline - Other West Prince William Sound	327	0	47	18	279	115	0	0	0	0	0	0	0	70	0	66	21	0
Shoreline - Valdez road system	811	246	706	41	1,026	74	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Allison Point	1,452	49	1,016	140	1,417	0	20	0	0	0	0	0	0	41	37	0	0	0
Shoreline - Remainder of Valdez Arm	828	0	670	0	863	0	0	0	0	0	0	0	0	0	38	11	324	0
Shoreline - Orca Inlet	529	0	288	0	88	23	0	0	0	0	0	0	0	22	0	0	0	0
Shoreline - Other	242	0	193	51	46	33	0	0	0	0	0	0	0	0	0	76	0	0
SALTWATER TOTAL	9,564	1,213	6,218	2,222	2,272	340	106	31	0	215	0	3,794	29	3,955	848	105	3,185	450
FRESHWATER:																		
Alaganik Slough	536	0	369	87	0	0	100	0	0	75	0	0	0	0	0	0	0	0
Eyak River	1,400	0	1,488	288	71	0	218	0	0	15	0	0	0	0	0	0	0	0
Ibeck Creek	992	0	967	0	0	0	318	0	0	37	0	0	0	0	0	0	0	0
Other East Prince William Sound streams	554	208	203	282	32	34	226	0	0	0	0	0	0	0	0	0	0	0
West Prince William Sound streams and lakes	144	0	107	64	84	0	52	0	0	24	0	0	0	0	0	0	0	0
Other streams	660	0	807	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lakes	409	0	43	107	35	0	104	0	52	91	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,970	208	1,972	432	120	34	474	0	52	128	0	0	0	0	0	0	0	0
GRAND TOTAL	9,668	1,228	6,569	2,255	2,271	340	485	31	52	248	0	3,794	29	3,955	848	105	3,185	450

Note: North Gulf Coast/Prince William Sound (Area J): All saltwater and freshwater drainages from Cape Suckling on the east through Prince William Sound to Gore Point (including Gore Point). Also included is that portion of the Copper River drainage downstream of a line between the south bank of Haley Creek and the south bank of Canyon Creek in Wood Canyon.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.61.—Knik Arm drainage area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days															
		fished	KS	SS	LS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^b
SALTWATER SITES	111	159	0	109	0	34	0	0	0	11	0	0	0	0	0	0	0
FRESHWATER																	
Cottonwood Creek drainage	1,028	2,679	0	1,503	0	341	0	0	0	0	9	0	0	27	0	0	0
Eklutna Power Plant raceway	8,133	22,625	499	6,767	0	865	83	70	0	33	0	0	0	0	0	0	0
Fish Creek (Big Lake drainage)	1,372	2,050	0	1,178	0	647	0	22	0	0	30	0	0	0	0	0	7
Knik River and tributaries, including Jim Creek	8,071	23,925	0	18,414	0	2,612	47	229	0	293	0	0	0	0	0	0	0
Little Susitna River	11,222	28,151	1,653	8,346	0	1,152	226	387	0	65	79	0	0	88	0	0	0
Wasilla Creek (Rabbit Slough)	835	1,619	0	1,002	0	165	14	13	0	195	52	0	0	0	0	0	0
Other streams	279	665	0	61	0	181	0	11	0	50	0	0	0	0	0	0	0
Finger Lake	2,723	6,821	0	0	517	0	0	0	0	489	893	18	0	194	0	0	14
Kepler Lake complex	2,877	6,881	0	0	0	0	0	0	0	54	2,497	307	0	0	0	0	0
Long Lake (Mile 85 Glenn Highway)	748	1,132	0	0	0	0	0	0	71	277	515	788	0	0	0	0	0
Nancy Lake Recreation Area	2,612	6,081	0	0	0	0	0	0	0	0	274	0	0	2,621	0	0	0
Other stocked lakes	2,796	8,868	0	0	220	0	0	0	0	95	2,614	331	0	194	0	0	0
Big Lake	1,400	3,415	0	0	0	0	0	0	0	22	299	0	0	923	17	0	0
Wasilla Lake	625	2,728	0	0	0	0	0	0	0	0	89	0	16	0	0	0	0
Other lakes	1,338	4,500	0	0	56	0	0	0	0	269	630	11	0	600	0	0	0
FRESHWATER TOTAL	33,838	122,140	2,152	37,271	793	5,963	370	732	71	1,842	7,981	1,455	16	4,647	17	0	21
GRAND TOTAL	33,865	122,299	2,152	37,380	793	5,997	370	732	71	1,853	7,981	1,455	16	4,647	17	0	21

Note: Knik Arm drainage (Area K): All waters, including drainages, of the Matanuska and Knik rivers; the Little Susitna River, including all waters draining to the south and east into Knik Arm, including the western half of Knik Arm to the Matanuska-Susitna Borough/Anchorage Municipality boundary in Knik Arm; and, the waters of the Nancy Lake Recreation Area.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.62.–Knik Arm drainage area standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	LS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^a
SALTWATER SITES	75	0	65	0	34	0	0	0	11	0	0	0	0	0	0	0
FRESHWATER																
Cottonwood Creek drainage	688	0	792	0	138	0	0	0	0	9	0	0	27	0	0	0
Eklutna Power Plant raceway	2,312	153	1,395	0	327	47	42	0	33	0	0	0	0	0	0	0
Fish Creek (Big Lake drainage)	365	0	380	0	237	0	16	0	0	31	0	0	0	0	0	8
Knik River and tributaries, including Jim Creek	2,604	0	2,706	0	510	48	190	0	123	0	0	0	0	0	0	0
Little Susitna River	3,115	395	1,091	0	430	92	124	0	40	72	0	0	94	0	0	0
Wasilla Creek (Rabbit Slough)	476	0	361	0	102	14	13	0	185	50	0	0	0	0	0	0
Other streams	325	0	63	0	177	0	11	0	37	0	0	0	0	0	0	0
Finger Lake	1,437	0	0	242	0	0	0	0	255	303	17	0	194	0	0	15
Kepler Lake complex	1,201	0	0	0	0	0	0	0	41	769	157	0	0	0	0	0
Long Lake (Mile 85 Glenn Highway)	289	0	0	0	0	0	0	71	151	353	725	0	0	0	0	0
Nancy Lake Recreation Area	1,158	0	0	0	0	0	0	0	0	123	0	0	672	0	0	0
Other stocked lakes	1,646	0	0	112	0	0	0	0	73	542	154	0	114	0	0	0
Big Lake	765	0	0	0	0	0	0	0	16	144	0	0	920	17	0	0
Wasilla Lake	1,769	0	0	0	0	0	0	0	0	53	0	16	0	0	0	0
Other lakes	1,165	0	0	54	0	0	0	0	132	219	12	0	426	0	0	0
FRESHWATER TOTAL	5,856	424	3,323	279	825	116	232	71	400	1,101	767	16	1,235	17	0	17
GRAND TOTAL	5,855	424	3,323	279	825	116	232	71	400	1,101	767	16	1,235	17	0	17

Note: Knik Arm drainage (Area K): All waters, including drainages, of the Matanuska and Knik rivers; the Little Susitna River, including all waters draining to the south and east into Knik Arm, including the western half of Knik Arm to the Matanuska-Susitna Borough/Anchorage Municipality boundary in Knik Arm; and, the waters of the Nancy Lake Recreation Area.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.63—Anchorage area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KS	SS	LS	RS	PS	CS	DV	RT	GR	NP	WF	SM	Other ^b
SALTWATER:															
Boat	160	311	64	153	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Twentymile River mouth	559	1,121	10	31	0	0	74	0	0	0	0	0	0	28,880	0
Shoreline - Other	334	1,184	69	23	0	0	0	0	0	0	0	0	0	73	101
SALTWATER TOTAL	1,011	2,616	143	207	0	0	74	0	0	0	0	0	0	28,953	101
FRESHWATER:															
Bird Creek	7,338	13,605	0	3,296	0	0	3,812	316	33	0	0	0	0	0	0
Campbell Creek	1,250	2,774	0	364	0	0	0	0	0	0	0	0	0	0	0
Glacier Creek	709	1,801	0	386	0	37	268	0	0	0	0	0	0	0	0
Ingram Creek	451	1,060	0	16	0	0	1,401	0	16	0	0	0	0	0	0
Placer River	538	1,143	0	876	0	0	0	11	213	0	0	0	0	0	0
Portage Creek	619	1,962	0	852	0	96	18	8	81	0	0	0	0	0	0
Ship Creek	7,091	23,663	884	2,974	0	0	785	40	0	0	0	0	0	0	7
Twentymile River	1,168	1,729	0	1,329	0	48	0	11	57	0	0	0	0	0	0
Other streams	975	1,480	0	505	0	11	68	0	74	10	0	0	0	0	0
Beach Lake	787	2,455	0	0	113	0	0	0	0	958	0	0	0	0	0
Eklutna Lake	673	994	0	0	0	0	0	0	0	67	0	0	0	0	0
Lower Fire Lake	483	629	0	0	0	0	0	0	0	138	0	18	0	0	0
Mirror Lake	1,248	2,060	0	0	773	0	0	0	0	674	0	0	0	0	0
Symphony Lake	416	533	0	0	0	0	0	0	0	26	194	0	0	0	0
Campbell Point Lake	904	2,645	0	0	17	0	0	0	309	1,277	0	0	0	0	0
Cheney Lake	799	2,307	0	0	0	0	0	0	0	333	0	0	0	0	44
DeLong Lake	960	2,375	0	0	370	0	0	0	0	568	0	0	0	0	0
Jewel Lake	1,982	3,551	0	0	374	0	0	0	244	717	0	33	0	0	0
Sand Lake	771	1,470	0	0	0	0	0	0	33	35	0	1,989	0	0	0
Green Lake (Elmendorf)	496	883	0	0	88	0	0	0	0	0	0	0	0	0	0
Hillberg Lake (Elmendorf)	726	1,536	0	0	176	0	0	0	0	452	0	0	0	0	0
Sixmile Lake (Elmendorf)	395	1,076	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Elmendorf Air Force Base lakes	169	416	0	0	0	0	0	0	0	0	0	0	0	0	7
Clunie Lake (Fort Richardson)	635	1,390	0	0	37	0	0	0	67	362	0	0	0	0	22
Other Fort Richardson lakes	688	2,262	0	0	0	0	0	0	0	99	0	0	0	0	37
Turnagain Arm Lakes	192	343	0	0	0	0	0	0	0	0	0	0	0	0	0
Other lakes	493	985	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	21,806	77,127	884	10,598	1,948	192	6,352	386	1,127	5,716	194	2,040	0	0	117
GRAND TOTAL	22,397	79,743	1,027	10,805	1,948	192	6,426	386	1,127	5,716	194	2,040	0	28,953	218

Note: Anchorage (Area L): All waters inside the area bounded by the Eklutna River drainage on the north; Knik Arm on the west; Turnagain Arm, to Ingram Creek (including Portage Creek and Placer River) on the south; and the Chugach Mountains on the east. Boundary streams are included in the area.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.64.—Anchorage area standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	LS	RS	PS	CS	DV	RT	GR	NP	WF	SM	Other ^a
SALTWATER:														
Boat	185	44	81	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Twentymile River mouth	333	11	31	0	0	78	0	0	0	0	0	0	10,558	0
Shoreline - Other	421	70	22	0	0	0	0	0	0	0	0	0	70	98
SALTWATER TOTAL	568	82	91	0	0	78	0	0	0	0	0	0	10,559	98
FRESHWATER:														
Bird Creek	1,297	0	835	0	0	584	100	25	0	0	0	0	0	0
Campbell Creek	567	0	219	0	0	0	0	0	0	0	0	0	0	0
Glacier Creek	670	0	190	0	26	143	0	0	0	0	0	0	0	0
Ingram Creek	523	0	16	0	0	1,098	0	17	0	0	0	0	0	0
Placer River	429	0	372	0	0	0	11	124	0	0	0	0	0	0
Portage Creek	869	0	368	0	87	18	9	59	0	0	0	0	0	0
Ship Creek	3,217	232	574	0	0	272	24	0	0	0	0	0	0	8
Twentymile River	335	0	376	0	34	0	11	43	0	0	0	0	0	0
Other streams	338	0	272	0	11	41	0	68	10	0	0	0	0	0
Beach Lake	1,249	0	0	106	0	0	0	0	722	0	0	0	0	0
Eklutna Lake	273	0	0	0	0	0	0	0	42	0	0	0	0	0
Lower Fire Lake	193	0	0	0	0	0	0	0	136	0	18	0	0	0
Mirror Lake	460	0	0	479	0	0	0	0	252	0	0	0	0	0
Symphony Lake	150	0	0	0	0	0	0	0	26	76	0	0	0	0
Campbell Point Lake	841	0	0	16	0	0	0	214	634	0	0	0	0	0
Cheney Lake	793	0	0	0	0	0	0	0	158	0	0	0	0	42
Delong Lake	663	0	0	353	0	0	0	0	381	0	0	0	0	0
Jewel Lake	618	0	0	265	0	0	0	172	415	0	35	0	0	0
Sand Lake	453	0	0	0	0	0	0	31	25	0	1,708	0	0	0
Green Lake (Elmendorf)	327	0	0	85	0	0	0	0	0	0	0	0	0	0
Hillberg Lake (Elmendorf)	445	0	0	185	0	0	0	0	291	0	0	0	0	0
Sixmile Lake (Elmendorf)	384	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Elmendorf Air Force Base lakes	192	0	0	0	0	0	0	0	0	0	0	0	0	7
Clunie Lake (Fort Richardson)	391	0	0	36	0	0	0	67	268	0	0	0	0	22
Other Fort Richardson lakes	975	0	0	0	0	0	0	0	86	0	0	0	0	37
Turnagain Arm Lakes	119	0	0	0	0	0	0	0	0	0	0	0	0	0
Other lakes	308	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	4,464	232	1,282	710	100	1,279	105	329	1,215	76	1,709	0	0	62
GRAND TOTAL	4,516	246	1,285	710	100	1,276	105	329	1,215	76	1,709	0	10,559	118

Note: Anchorage (Area L): All waters inside the area bounded by the Eklutna River drainage on the north; Knik Arm on the west; Turnagain Arm, to Ingram Creek (including Portage Creek and Placer River) on the south; and the Chugach Mountains on the east. Boundary streams are included in the area.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.65.–Susitna River drainage sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KS	SS	LS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	Other ^b
Susitna River	3,254	6,066	193	1,335	0	194	115	197	0	60	65	33	0	99	0	0
Chulitna/East Susitna drainages:																
Birch Creek	328	698	0	320	0	299	0	0	0	0	0	0	0	0	44	0
Caswell Creek	1,127	1,859	17	607	0	0	0	0	0	0	0	0	0	0	52	0
Chulitna River drainage	419	1,166	17	378	0	239	0	0	0	0	93	70	0	0	0	0
Chunilna Creek (Clear Creek)	3,317	8,255	744	796	0	1,063	29	46	0	0	0	0	0	0	0	0
Goose Creek	1,033	1,640	0	635	0	17	246	43	0	0	18	0	0	0	0	0
Kashwitna River	1,231	3,897	212	525	0	36	0	0	0	0	0	0	0	0	0	0
Little Willow Creek	2,085	4,105	85	1,027	0	13	223	81	0	0	96	20	0	0	0	0
Montana Creek	7,091	14,084	257	3,087	0	184	1,977	311	0	0	0	0	0	0	17	0
Sheep Creek	4,217	9,248	393	1,594	0	48	1,004	451	0	0	0	20	0	0	0	0
Sunshine Creek	848	1,749	0	816	0	50	0	11	0	0	13	0	0	0	23	0
Talkeetna River drainage (excluding Clear Creek)	4,494	11,798	1,238	2,318	0	5,074	0	231	125	282	34	20	0	0	47	0
Troublesome Creek	315	468	0	0	0	0	0	0	0	0	0	20	0	0	0	0
Willow Creek	7,299	19,019	499	3,232	0	96	1,178	357	0	0	62	0	0	0	0	0
Other streams – Chulitna/East Susitna drainage	299	688	0	0	0	11	0	0	0	0	9	152	0	0	0	0
Chulitna/East Susitna drainage stocked lakes	569	1,913	0	0	528	0	0	0	0	0	366	18	0	0	0	0
Other lakes – Chulitna/East Susitna drainage	436	906	0	0	0	0	0	0	0	0	0	167	0	385	17	0
Total Chulitna/East Susitna drainages	25,871	81,493	3,462	15,335	528	7,130	4,657	1,531	125	282	691	487	0	385	200	0
West Susitna drainages:																
Alexander Creek	265	2,660	0	501	0	0	0	0	0	0	0	0	0	342	0	0
Alexander Lake	391	505	0	0	0	0	0	0	0	0	0	0	0	704	0	0
Deshka River (Kroto Creek) below weir	2,649	6,840	404	3,418	0	10	12	0	0	0	0	0	0	33	0	0
Deshka River (Kroto Creek) above weir	1,200	3,692	319	642	0	0	11	0	0	180	562	35	0	422	34	0
Fish Lake Creek and Fish Lakes (Yentna drainage)	523	1,169	174	417	0	37	0	0	0	0	0	0	0	229	0	0
Lake Creek (Yentna drainage)	3,913	12,693	2,273	4,417	0	1,256	377	28	0	10	27	0	0	30	0	35
Peters Creek (Yentna drainage)	498	1,358	148	472	0	0	0	0	0	0	122	134	0	0	0	17
Talachulitna River (Yentna drainage)	740	3,855	258	675	0	11	11	0	0	0	0	0	0	0	0	0
Yentna River	1,385	3,860	863	2,607	0	547	274	22	0	0	86	0	0	0	0	22
Remainder of Yentna River drainage	933	3,221	239	1,174	0	453	49	143	48	0	25	0	0	377	52	0
Other streams - West Susitna drainage	497	1,432	35	141	0	44	0	0	0	0	43	13	0	0	0	0
Trapper Lake (West Susitna drainage)	317	929	0	0	0	0	0	0	0	0	0	0	0	791	0	0
Other lakes - West Susitna drainage	201	469	0	0	0	0	0	0	0	0	0	0	50	440	0	0
Total West Susitna drainages	11,785	42,683	4,713	14,464	0	2,358	734	193	48	190	865	182	50	3,368	86	74
Upper Susitna drainages:																
Lake Louise (upper Susitna drainage)	1,401	4,666	0	0	0	0	0	0	493	0	0	355	32	0	489	59
Other upper Susitna drainage lakes	703	2,846	0	0	0	0	0	0	447	0	0	449	399	0	237	0
Upper Susitna drainage streams	493	1,333	0	0	0	0	0	0	0	0	0	412	67	0	0	0
Total Upper Susitna drainages	2,411	8,845	0	0	0	0	0	0	940	0	0	1,216	498	0	726	59
Unspecified streams and lakes	371	1,114	0	59	0	101	12	0	22	10	0	71	0	747	0	0
TOTAL	39,871	140,201	8,368	31,193	528	9,783	5,518	1,921	1,135	542	1,621	1,989	548	4,599	1,012	133

Note: Susitna River drainage (Area M): All drainages of the Susitna River, including the upper, east and west drainages. This includes Deshka, Yentna and Chulitna drainages in the west, Kashwitna, Talkeetna, Oshetna and Tyone rivers and Lake Louise to the East. Does not include Little Susitna River (area K), and does not include Summit Lake (area U).

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.66.—Susitna River drainage standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	LS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	Other ^a	
Susitna River	1,040	96	312	0	101	69	121	0	59	35	33	0	96	0	0	
Chulitna/East Susitna Drainages:																
Birch Creek	268	0	180	0	220	0	0	0	0	0	0	0	0	43	0	
Caswell Creek	445	18	175	0	0	0	0	0	0	0	0	0	0	50	0	
Chulitna River drainage	362	18	180	0	153	0	0	0	0	44	44	0	0	0	0	
Chunilna Creek (Clear Creek)	1,758	137	189	0	420	20	36	0	0	0	0	0	0	0	0	
Goose Creek	411	0	242	0	17	205	35	0	0	18	0	0	0	0	0	
Kashwitna River	1,349	67	235	0	36	0	0	0	0	0	0	0	0	0	0	
Little Willow Creek	794	69	295	0	13	96	55	0	0	60	20	0	0	0	0	
Montana Creek	1,576	104	1,050	0	110	605	113	0	0	0	0	0	0	17	0	
Sheep Creek	1,500	114	395	0	35	341	274	0	0	0	20	0	0	0	0	
Sunshine Creek	469	0	226	0	42	0	11	0	0	13	0	0	0	18	0	
Talkeetna River drainage (excluding Clear Creek)	1,975	446	504	0	1,158	0	108	124	179	34	20	0	0	36	0	
Troublesome Creek	182	0	0	0	0	0	0	0	0	0	19	0	0	0	0	
Willow Creek	2,242	246	954	0	95	271	179	0	0	52	0	0	0	0	0	
Other streams - Chulitna/East Susitna drainage	219	0	0	0	11	0	0	0	0	9	84	0	0	0	0	
Chulitna/East Susitna drainage stocked lakes	772	0	0	536	0	0	0	0	0	267	17	0	0	0	0	
Other lakes - Chulitna/East Susitna drainage	300	0	0	0	0	0	0	0	0	0	169	0	192	17	0	
Total Chulitna/East Susitna drainages	4,677	553	1,682	536	1,271	779	363	124	179	287	198	0	192	81	0	
West Susitna Drainages:																
Alexander Creek	1,990	0	274	0	0	0	0	0	0	0	0	0	164	0	0	
Alexander Lake	157	0	0	0	0	0	0	0	0	0	0	0	375	0	0	
Deshka River (Kroto Creek) below weir	1,284	153	1,013	0	10	11	0	0	0	0	0	0	33	0	0	
Deshka River (Kroto Creek) above weir	946	145	267	0	0	11	0	0	144	263	36	0	366	34	0	
Fish Lake Creek and Fish Lakes (Yentna drainage)	317	88	205	0	25	0	0	0	0	0	0	0	175	0	0	
Lake Creek (Yentna drainage)	1,947	423	910	0	591	168	20	0	10	20	0	0	28	0	35	
Peters Creek (Yentna drainage)	498	89	247	0	0	0	0	0	0	99	135	0	0	0	17	
Talachulitna River (Yentna drainage)	1,370	99	361	0	11	11	0	0	0	0	0	0	0	0	0	
Yentna River	704	332	645	0	268	167	23	0	0	75	0	0	0	0	23	
Remainder of Yentna River drainage	613	107	531	0	385	50	128	39	0	25	0	0	207	50	0	
Other streams - West Susitna drainage	572	35	88	0	26	0	0	0	0	32	13	0	0	0	0	
Trapper Lake (West Susitna drainage)	332	0	0	0	0	0	0	0	0	0	0	0	295	0	0	
Other lakes - West Susitna drainage	230	0	0	0	0	0	0	0	0	0	0	49	356	0	0	
Total West Susitna drainages	3,673	584	1,728	0	761	243	130	39	144	289	138	49	731	60	45	
Upper Susitna Drainages:																
Lake Louise (upper Susitna drainage)	1,474	0	0	0	0	0	0	187	0	0	220	34	0	218	59	
Other upper Susitna drainage lakes	1,283	0	0	0	0	0	0	181	0	0	237	322	0	149	0	
Upper Susitna drainage streams	473	0	0	0	0	0	0	0	0	0	183	67	0	0	0	
Total Upper Susitna drainages	1,961	0	0	0	0	0	0	264	0	0	372	329	0	274	59	
Unspecified streams and lakes	461	0	43	0	106	11	0	23	10	0	45	0	711	0	0	
TOTAL	6,505	808	2,377	536	1,496	820	413	295	232	415	451	333	1,039	292	75	

Note: Susitna River drainage (Area M): All drainages of the Susitna River, including the upper, east and west drainages. This includes Deshka, Yentna and Chulitna drainages in the west, Kashwitna, Talkeetna, Oshetna and Tyone rivers and Lake Louise to the east. Does not include Little Susitna River (area K), and does not include Summit Lake (area U).

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly. Refer to Table 2.1 for common names and species abbreviations.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.67.–West Cook Inlet drainages sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days														
		fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^b
Chuitna River	733	1,354	109	707	0	12	0	0	0	0	0	0	0	0	0	0
Theodore River	310	952	0	313	0	95	0	0	0	0	0	0	8	0	0	0
Other sites between North Forelands and Susitna drainage	958	2,823	112	1,236	120	51	0	0	0	10	0	0	80	0	880	0
Kustatan River	1,608	2,238	61	2,639	157	0	0	0	25	0	0	0	0	0	0	0
Silver Salmon Creek	511	873	264	1,133	0	0	101	0	0	0	0	0	0	0	0	0
Big River lakes	1,650	1,755	79	1,757	1,119	11	0	0	0	0	0	0	0	0	0	0
Wolverine Creek mouth	1,898	2,074	0	1,275	2,627	0	0	0	0	0	0	0	0	0	0	0
Other Sites south of North Forelands	807	1,599	204	654	238	12	0	0	128	0	0	0	0	0	0	0
Unspecified streams and lakes	41	84	0	87	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	7,515	13,752	829	9,801	4,261	181	101	0	153	10	0	0	88	0	880	0

Note: West Cook Inlet drainages (Area N): All drainages emptying into Cook Inlet south of the Susitna River drainage to Cape Douglas. Includes Chuitna, Theodore, Kustatan and Lewis rivers, Wolverine and Silver Salmon creeks, Big River Lakes, and others.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.68.–West Cook Inlet drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^a
Chuitna River	324	47	284	0	12	0	0	0	0	0	0	0	0	0	0
Theodore River	486	0	138	0	95	0	0	0	0	0	0	8	0	0	0
Other sites between North Forelands and Susitna drainage	701	69	408	80	42	0	0	0	10	0	0	80	0	896	0
Kustatan River	359	43	488	86	0	0	0	24	0	0	0	0	0	0	0
Silver Salmon Creek	203	248	345	0	0	100	0	0	0	0	0	0	0	0	0
Big River lakes	276	81	379	255	11	0	0	0	0	0	0	0	0	0	0
Wolverine Creek mouth	279	0	259	479	0	0	0	0	0	0	0	0	0	0	0
Other Sites south of North Forelands	373	83	198	122	11	0	0	99	0	0	0	0	0	0	0
Unspecified streams and lakes	66	0	66	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1,137	292	970	567	104	100	0	102	10	0	0	80	0	896	0

Note: West Cook Inlet drainages (Area N): All drainages emptying into Cook Inlet south of the Susitna River drainage to Cape Douglas. Includes Chuitna, Theodore, Kustatan and Lewis rivers, Wolverine and Silver Salmon creeks, Big River Lakes, and others.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.69.–Kenai River sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KSP ^b	KSA ^b	SSP ^c	SSA ^c	RS	PS	CS	LT	DV	SH	RT	GR	WF	NP	SM	Other ^d
GUIDED:																		
Kenai River - Cook Inlet to Soldotna Bridge	14,493	21,769	491	2,914	4,297	2,187	5,569	133	22	0	42	0	104	0	0	0	0	7
Kenai River - Soldotna Bridge to Moose River	4,616	7,626	245	670	708	857	5,274	117	0	0	50	0	13	0	0	0	0	0
Kenai River - Moose River to Skilak outlet	3,504	6,237	17	114	918	1,724	2,562	91	0	0	41	0	93	0	0	0	0	7
Kenai River - Skilak Inlet to Kenai Lake	5,883	7,632	0	0	542	319	4,049	34	0	0	38	0	55	0	6	0	0	0
Kenai River - reach not specified	613	1,297	30	71	127	80	1,676	0	0	0	0	0	0	0	6	0	0	0
GUIDED TOTAL	26,802	44,561	783	3,769	6,592	5,167	19,130	375	22	0	171	0	265	0	12	0	0	14
NON-GUIDED:																		
Kenai River - Cook Inlet to Soldotna Bridge	28,361	110,290	803	3,997	14,725	6,857	71,999	715	67	0	961	0	521	0	7	0	4,663	29
Kenai River - Soldotna Bridge to Moose River	20,206	79,734	245	733	4,801	2,050	83,394	2,363	0	0	792	0	530	0	8	0	0	0
Kenai River - Moose River to Skilak outlet	9,779	42,424	61	141	3,098	2,155	34,269	177	0	22	343	0	735	0	72	0	0	0
Kenai River - Skilak Inlet to Kenai Lake	16,692	52,687	0	0	1,849	1,647	38,198	308	0	0	374	0	344	13	0	0	0	0
Kenai River - reach not specified	2,352	7,521	38	202	1,019	0	5,329	100	0	0	77	0	59	0	0	0	133	7
NON-GUIDED TOTAL	66,672	292,656	1,147	5,073	25,492	12,709	233,189	3,663	67	22	2,547	0	2,189	13	87	0	4,796	36
GRAND TOTAL	88,002	337,217	1,930	8,842	32,084	17,876	252,319	4,038	89	22	2,718	0	2,454	13	99	0	4,796	50

Note: Kenai River (Area P): All main channel waters of the Kenai River downstream of Kenai Lake to Cook Inlet. Does not include Kenai Lake, Skilak Lake or any saltwater.

Note Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b KSP is Chinook salmon harvested prior to July 1; KSA is Chinook salmon harvested after and including July 1.

^c SSP is coho salmon harvested prior to September 1; SSA is coho salmon harvested after and including September 1.

^d Numbers were reported but species could not be determined, or species were incidental.

Table 2.70.—Kenai River standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KSP ^a	KSA ^a	SSP ^b	SSP ^b	RS	PS	CS	LT	DV	SH	RT	GR	WF	NP	SM	Other ^c
GUIDED:																	
Kenai River - Cook Inlet to Soldotna Bridge	1,296	110	254	533	320	1,099	94	22	0	22	0	57	0	0	0	0	7
Kenai River - Soldotna Bridge to Moose River	855	63	135	163	210	1,075	96	0	0	39	0	13	0	0	0	0	0
Kenai River - Moose River to Skilak Outlet	765	18	44	210	599	777	70	0	0	26	0	57	0	0	0	0	7
Kenai River - Skilak Inlet to Kenai Lake	711	0	0	136	79	639	24	0	0	22	0	25	0	6	0	0	0
Kenai River - reach not specified	407	21	29	43	34	872	0	0	0	0	0	0	0	6	0	0	0
GUIDED TOTAL	1,866	128	280	611	719	2,041	152	22	0	55	0	86	0	9	0	0	10
NON-GUIDED:																	
Kenai River - Cook Inlet to Soldotna Bridge	6,483	129	367	1,514	801	4,935	195	67	0	296	0	140	0	6	0	2,995	23
Kenai River - Soldotna Bridge to Moose River	5,101	61	127	711	369	5,351	1,196	0	0	165	0	203	0	8	0	0	0
Kenai River - Moose River to Skilak Outlet	3,728	30	58	546	411	4,245	96	0	16	88	0	334	0	64	0	0	0
Kenai River - Skilak Inlet to Kenai Lake	4,634	0	0	376	366	4,757	167	0	0	145	0	113	13	0	0	0	0
Kenai River - reach not specified	1,428	27	98	311	0	1,052	48	0	0	54	0	45	0	0	0	134	7
NON-GUIDED TOTAL	10,100	150	398	1,854	1,047	9,659	1,230	67	16	388	0	442	13	65	0	3,007	23
GRAND TOTAL	10,237	197	475	1,960	1,274	9,834	1,239	70	16	395	0	451	13	66	0	3,007	26

Note: Kenai River (Area P): All main channel waters of the Kenai River downstream of Kenai Lake to Cook Inlet. Does not include Kenai Lake, Skilak Lake or any saltwater.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a KSP is Chinook salmon harvested prior to July 1; KSA is Chinook salmon harvested after and including July 1.

^b SSP is coho salmon harvested prior to September 1; SSA is coho salmon harvested after and including September 1.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.71.—Kenai Peninsula area sport fish freshwater harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished																
		KS	SS	LS	RS	PS	CS	LT	DV	SH	RT	GR	WF	NP	BB	SM	Other ^b	
Anchor River	6,195	22,057	737	3,882	0	169	267	34	0	1,123	0	0	0	0	0	0	0	
Deep Creek	3,219	8,367	124	1,323	0	85	263	0	0	230	0	0	0	0	0	0	0	
Kasilof River - guided bank fishing	623	1,073	31	102	0	1,269	0	0	0	60	0	0	0	0	0	0	0	
Kasilof River - nonguided bank fishing	5,240	10,292	400	382	0	4,589	180	0	0	146	0	13	0	0	0	0	44	
Kasilof River - guided boat fishing	5,136	6,687	2,524	1,173	0	423	93	0	0	110	25	0	0	0	0	0	0	
Kasilof River - nonguided boat fishing	2,329	6,493	846	1,068	0	482	70	0	0	50	13	0	0	0	0	0	0	
Ninilchik River	3,184	7,687	203	895	0	353	51	0	0	54	0	0	0	0	0	0	0	
Ptarmigan Creek	325	441	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Quartz Creek	2,785	6,217	0	0	0	0	0	0	0	135	0	0	0	0	0	0	15	
Resurrection Creek drainage	4,482	6,805	0	103	0	22	4,801	158	0	0	0	0	0	0	0	0	22	
Russian River	26,547	64,518	0	5,313	0	93,032	582	0	0	146	0	214	0	0	0	0	0	
Sixmile Creek drainage	749	1,535	0	664	0	0	200	26	0	0	0	9	0	0	0	0	0	
Swanson River	1,207	2,698	0	1,790	0	0	0	0	0	0	0	167	0	0	0	0	0	
Other streams	841	2,034	0	246	0	1,128	57	0	0	174	0	0	0	0	0	0	0	
Crescent Lake	1,081	1,609	0	0	0	0	0	0	0	0	0	110	814	0	0	0	0	
Hidden Lake	1,244	3,559	0	38	0	1,019	0	0	616	12	0	47	0	0	0	0	0	
Johnson Lake	564	898	0	0	0	0	0	0	0	0	0	451	0	0	0	0	0	
Skilak Lake	659	1,126	0	184	0	102	0	0	0	0	0	0	0	0	0	0	0	
Swanson River Canoe Route lakes	627	1,923	0	0	0	0	0	0	0	252	0	1,005	0	0	0	0	33	
Tustumena Lake	416	764	0	61	0	0	0	0	58	58	0	123	0	0	0	0	0	
Kenai Peninsula stocked lakes	1,014	2,809	0	0	280	0	0	0	0	16	0	833	0	0	0	0	0	
Other lakes	2,663	5,969	0	36	58	0	0	0	219	624	0	1,997	69	0	0	0	0	
TOTAL	54,696	165,561	4,865	17,260	338	102,673	6,564	218	893	3,190	38	4,969	883	0	0	0	0	114

Note: Kenai Peninsula (Area P): All freshwater of the Kenai Peninsula bounded on the north by Turnagain Arm including the Granite Creek drainage; on the west by Cook Inlet including Kalgin Island; and on the east by the Placer River drainage, Kenai Lake watershed, and the waters flowing into the Gulf of Alaska west of Gore Point. Does not include the Kenai River main channel.

Note Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.72.—Kenai Peninsula area standard errors of sport fish freshwater harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	LS	RS	PS	CS	LT	DV	SH	RT	GR	WF	NP	BB	SM	Other ^a
Anchor River	2,882	212	737	0	75	121	35	0	301	0	0	0	0	0	0	0	0
Deep Creek	1,802	58	409	0	58	143	0	0	104	0	0	0	0	0	0	0	0
Kasilof River - Guided Bank Fishing	288	22	90	0	739	0	0	0	49	0	0	0	0	0	0	0	0
Kasilof River - Nonguided Bank Fishing	1,106	121	118	0	1,322	111	0	0	63	0	13	0	0	0	0	0	33
Kasilof River - Guided Boat Fishing	867	309	244	0	181	74	0	0	76	17	0	0	0	0	0	0	0
Kasilof River - Nonguided Boat Fishing	1,824	187	343	0	265	71	0	0	48	12	0	0	0	0	0	0	0
Ninilchik River	1,806	61	281	0	202	29	0	0	37	0	0	0	0	0	0	0	0
Ptarmigan Creek	133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Quartz Creek	852	0	0	0	0	0	0	0	49	0	0	0	0	0	0	0	15
Resurrection Creek drainage	866	0	49	0	22	976	142	0	0	0	0	0	0	0	0	0	22
Russian River	3,790	0	891	0	6,775	296	0	0	47	0	81	0	0	0	0	0	0
Sixmile Creek drainage	470	0	234	0	0	175	26	0	0	0	9	0	0	0	0	0	0
Swanson River	494	0	560	0	0	0	0	0	0	0	108	0	0	0	0	0	0
Other streams	433	0	116	0	497	38	0	0	165	0	0	0	0	0	0	0	0
Crescent Lake	357	0	0	0	0	0	0	0	0	0	77	215	0	0	0	0	0
Hidden Lake	1,045	0	27	0	582	0	0	242	12	0	38	0	0	0	0	0	0
Johnson Lake	290	0	0	0	0	0	0	0	0	0	281	0	0	0	0	0	0
Skilak Lake	284	0	128	0	57	0	0	0	0	0	0	0	0	0	0	0	0
Swanson River Canoe Route lakes	584	0	0	0	0	0	0	0	138	0	376	0	0	0	0	0	32
Tustumena Lake	277	0	32	0	0	0	0	58	40	0	72	0	0	0	0	0	0
Kenai Peninsula stocked lakes	1,166	0	0	165	0	0	0	0	17	0	259	0	0	0	0	0	0
Other lakes	1,020	0	34	42	0	0	0	125	272	0	956	41	0	0	0	0	0
TOTAL	6,260	444	1,467	172	6,912	1,068	150	287	509	21	1,106	219	0	0	0	0	55

Note: Kenai Peninsula (Area P): All freshwater of the Kenai Peninsula bounded on the north by Turnagain Arm including the Granite Creek drainage; on the west by Cook Inlet including Kalgin Island; and on the east by the Placer River drainage, Kenai Lake watershed, and the waters flowing into the Gulf of Alaska west of Gore Point. Does not include the Kenai River main channel.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.73.–Kenai Peninsula–Cook Inlet area sport fish saltwater harvest and effort estimates by fisheries for finfish species, 2009.

Area fished	Anglers ^a	Days															
		fished	KSP ^b	KSA ^b	SS	RS	PS	CS	DV	SH	SM	HA	SK	RF	LC	PC	Other ^c
SALTWATER CHARTER BOAT:																	
Cook Inlet North of Bluff and Chinitna Points	22,874	26,157	568	77	1,085	340	139	0	34	0	81	43,431	44	265	233	802	21
Kachemak Bay including Bluff Point to Seldovia	13,511	15,792	458	152	2,353	932	335	109	162	0	317	22,877	0	2,407	599	564	126
Lower Cook Inlet West of Gore Point	18,063	21,023	340	158	2,910	104	374	0	45	0	116	35,307	13	6,147	3,190	1,004	29
Boat - Other	296	399	10	0	19	0	87	0	0	0	0	632	0	0	0	0	0
CHARTER BOAT TOTAL	53,277	63,371	1,376	387	6,367	1,376	935	109	241	0	514	102,247	57	8,819	4,022	2,370	176
SALTWATER NON-CHARTER BOAT:																	
Cook Inlet North of Bluff and Chinitna Points	12,904	34,912	847	179	821	1,059	70	0	122	0	141	40,851	0	411	111	1,261	58
Kachemak Bay including Bluff Point to Seldovia	13,351	37,346	826	1,330	2,294	3,659	572	0	239	0	468	29,555	75	3,728	740	2,226	457
Lower Cook Inlet West of Gore Point	7,718	17,296	572	0	1,743	508	242	48	284	0	13	21,220	24	3,297	885	953	58
Boat - Other	604	1,695	83	56	8	91	0	0	0	0	0	1,421	0	41	36	0	0
NON-CHARTER BOAT TOTAL	31,529	91,249	2,328	1,565	4,866	5,317	884	48	645	0	622	93,047	99	7,477	1,772	4,440	573
BOAT TOTAL	82,628	154,620	3,704	1,952	11,233	6,693	1,819	157	886	0	1,136	195,294	156	16,296	5,794	6,810	749
SALTWATER SHORELINE:																	
Cook Inlet North of Bluff and Chinitna Points	412	784	25	0	296	173	32	0	0	0	0	0	0	0	0	0	52
Other Lower Cook Inlet/Kachemak Bay Shore exc. Homer Spit	700	1,883	155	0	289	1,022	285	105	872	0	0	0	0	0	0	0	0
Homer Spit (Kachemak Bay)	4,146	8,988	700	10	509	75	23	0	83	0	0	0	0	0	0	1,459	842
SALTWATER SHORELINE TOTAL	5,154	11,655	880	10	1,094	1,270	340	105	955	0	0	0	0	0	0	1,459	894
GRAND TOTAL	85,257	166,275	4,584	1,962	12,327	7,963	2,159	262	1,841	0	1,136	195,294	156	16,296	5,794	8,269	1,643

Note: Kenai Peninsula–Cook Inlet (Area P): All saltwater of the Kenai Peninsula and Cook Inlet bounded on the north by Turnagain Arm including the Granite Creek drainage, on the east by the Placer River drainage, and the waters flowing into the Gulf of Alaska west of Gore Point.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b In Cook Inlet north of Bluff Point, KSP is Chinook salmon harvested prior to June 25 and KSA is Chinook salmon harvested June 25 and after. Elsewhere, KSP is Chinook salmon harvested in summer, and KSA is Chinook salmon harvested in winter.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.74.–Kenai Peninsula area standard errors of sport fish saltwater harvest and effort estimates by fisheries for finfish species, 2009.

Area fished	Days fished	KSP ^a	KSA ^a	SS	RS	PS	CS	DV	SH	SM	HA	SK	RF	LC	PC	Other ^b
SALTWATER CHARTER BOAT:																
Cook Inlet North of Bluff and Chinitna Points	1,050	98	39	286	147	96	0	25	0	39	1,704	28	92	123	178	16
Kachemak Bay including Bluff Point to Seldovia	893	154	83	427	414	136	76	129	0	259	1,230	0	460	156	155	119
Lower Cook Inlet West of Gore Point	964	87	60	413	61	200	0	43	0	70	1,564	13	867	376	262	14
Boat - Other	115	10	0	19	0	89	0	0	0	0	197	0	0	0	0	0
CHARTER BOAT TOTAL	1,662	206	116	663	444	280	76	141	0	269	2,626	30	971	421	355	123
SALTWATER NON-CHARTER BOAT:																
Cook Inlet North of Bluff and Chinitna Points	3,287	158	52	257	453	71	0	65	0	135	3,703	0	241	54	327	47
Kachemak Bay including Bluff Point to Seldovia	3,058	204	302	485	1,323	222	0	94	0	367	2,573	47	816	381	492	161
Lower Cook Inlet West of Gore Point	1,645	195	0	589	347	112	29	250	0	13	2,015	19	807	261	239	34
Boat - Other	680	46	29	7	94	0	0	0	0	0	426	0	40	35	0	0
NON-CHARTER BOAT TOTAL	4,873	326	307	813	1,449	251	29	276	0	393	5,136	51	1,172	479	657	173
BOAT TOTAL	5,096	375	326	1,063	1,488	374	81	310	0	486	5,617	58	1,528	629	754	209
SALTWATER SHORELINE:																
Cook Inlet North of Bluff and Chinitna Points	193	18	0	136	113	31	0	0	0	0	0	0	0	0	0	53
Other Lower Cook Inlet/Kachemak Bay Shore exc. Homer Spit	534	110	0	172	439	157	55	607	0	0	0	0	0	0	0	0
Homer Spit (Kachemak Bay)	1,294	214	10	185	59	16	0	61	0	0	0	0	0	0	526	253
SALTWATER SHORELINE TOTAL	1,388	241	10	286	455	161	55	608	0	0	0	0	0	0	526	257
GRAND TOTAL	5,272	446	326	1,115	1,506	407	99	693	0	486	5,617	58	1,528	629	896	335

Note: Kenai Peninsula–Cook Inlet (Area P): All saltwater of the Kenai Peninsula and Cook Inlet bounded on the north by Turnagain Arm including the Granite Creek drainage, on the east by the Placer River drainage, and the waters flowing into the Gulf of Alaska west of Gore Point.

Note: Refer to Table 2.1 for common names and species abbreviations.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

^a In Cook Inlet north of Bluff Point, KSP is Chinook salmon harvested prior to June 25 and KSA is Chinook salmon harvested June 25 and after. Elsewhere, KSP is Chinook salmon harvested in summer, and KSP is Chinook salmon harvested in winter.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.75.—Kenai Peninsula—Cook Inlet area sport fish harvest and effort estimates by fisheries for shellfish, 2009.

Area fished	Anglers ^a	Days fished	HCL (gallons)	RCL	Other ^b
Polly Creek/Crescent River Bar	502	616	204	19,541	0
West Cook Inlet - Other sites	977	1,087	249	28,494	0
East Cook Inlet between Anchor Point and Kasilof River	15,518	26,913	5,421	491,994	1,296
Kachemak Bay	3,409	6,376	3,132	11,833	1,680
East Cook Inlet - Other sites	117	156	776	1,628	0
TOTAL	19,747	35,148	9,782	553,490	2,976

Note: Kenai Peninsula—Cook Inlet (Area P): All saltwater of the Kenai Peninsula and Cook Inlet bounded on the north by Turnagain Arm including the Granite Creek drainage, on the east by the Placer River drainage, and the waters flowing into the Gulf of Alaska west of Gore Point.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.76.–Kenai Peninsula–Cook Inlet area standard errors of sport fish harvest and effort estimates by fisheries for shellfish, 2009.

Area fished	Days fished	HCL (gallons)	RCL	Other ^a
Polly Creek/Crescent River Bar	168	117	6,962	0
West Cook Inlet - Other sites	276	144	8,916	0
East Cook Inlet between Anchor Point and Kasilof River	2,330	2,228	39,399	801
Kachemak Bay	949	1,111	6,590	1,040
East Cook Inlet - Other sites	84	766	1,275	0
TOTAL	2,517	2,593	41,920	1,310

Note: Kenai Peninsula–Cook Inlet (Area P) All saltwater of the Kenai Peninsula bounded on the north by Turnagain Arm including the Granite Creek drainage; on the west by Cook Inlet; on the east by the Placer River drainage, and the waters flowing into the Gulf of Alaska west of Gore Point.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.77.—Kodiak area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days																	Other ^b	
		fished	KS	SS	RS	PS	CS	DV	SH	RT	HA	SK	RF	LC	PC	RCL	TC	DC		SHR
SALTWATER:																				
Boat - Chiniak Bay	6,911	23,866	6,628	8,244	944	2,214	235	490	0	0	16,865	19	10,538	1,660	5,081	0	67	379	0	318
Boat - Other roadside sites	737	2,898	289	407	50	110	0	0	0	0	2,207	0	555	156	470	0	63	58	0	29
Boat - Afognak Island Area	1,343	4,521	628	1,918	336	91	22	11	11	0	3,079	0	1,608	551	1,153	0	0	0	0	0
Boat - Larsen Bay	380	1,441	80	524	34	95	0	10	0	0	1,600	0	194	0	0	0	247	23	0	0
Boat - Shuyak area	344	1,924	40	613	17	0	0	0	0	0	1,214	0	678	454	35	0	0	0	0	0
Boat - Uyak Bay	1,147	3,415	133	1,642	50	60	0	0	6	0	2,309	0	303	119	223	0	188	226	0	0
Boat - Ugak Bay	414	905	246	653	0	86	0	0	0	0	726	0	661	77	1,486	0	0	0	0	0
Boat - Old Harbor	235	577	148	259	11	32	18	0	0	0	518	0	332	67	75	0	0	0	0	7
Boat - Other remote sites	1,127	3,444	454	2,709	22	161	0	132	11	0	2,661	0	636	498	228	0	0	146	0	85
Boat - Other	177	713	127	137	0	121	22	0	0	0	411	0	432	154	235	0	0	0	0	22
Shoreline - Chiniak Bay	703	2,468	0	442	68	802	0	81	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Roadside sites	145	372	0	38	41	64	0	27	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Remote sites	282	789	0	26	305	53	0	0	0	0	0	0	0	0	0	179	0	0	0	0
SALTWATER TOTAL	12,014	47,333	8,773	17,612	1,878	3,889	297	751	28	0	31,590	19	15,937	3,736	8,986	179	565	832	0	461
FRESHWATER:																				
American River	1,688	3,760	0	401	0	1,476	0	275	0	0	0	0	0	0	0	0	0	0	0	0
Buskin River	4,169	18,695	31	5,207	687	2,037	84	626	0	0	0	0	0	0	0	0	0	0	0	0
Olds River	2,098	4,826	10	1,864	0	1,113	42	94	0	0	0	0	0	0	0	0	0	0	0	0
Pasagshak drainage	2,408	8,161	0	2,257	1,021	428	55	440	0	0	0	0	0	0	0	0	0	0	0	0
Saltery Cove drainage	1,778	3,204	0	798	4,916	346	0	193	0	0	0	0	0	0	0	0	0	0	0	0
Other road system streams	1,365	3,525	0	388	272	1,564	156	326	0	0	0	0	0	0	0	0	0	0	0	0
Ayakulik River (Red River)	270	1,210	0	236	899	0	53	0	0	0	0	0	0	0	0	0	0	0	0	0
Karluk Lagoon and River below weir	466	1,357	0	1,624	632	0	0	34	6	0	0	0	0	0	0	0	0	0	0	0
Karluk Lake and River above weir	389	1,184	0	248	74	233	0	196	101	0	0	0	0	0	0	0	0	0	0	0
Other remote streams	787	1,782	40	989	377	11	22	173	6	0	0	0	0	0	0	0	0	0	0	0
Other streams	171	560	0	162	361	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roadside lakes	411	1,033	0	669	0	0	0	49	0	0	0	0	0	0	0	0	0	0	0	0
Remote lakes	125	322	0	119	0	0	0	89	0	85	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	9,464	49,619	81	14,962	9,239	7,229	412	2,495	113	85	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	16,568	96,952	8,854	32,574	11,117	11,118	709	3,246	141	85	31,590	19	15,937	3,736	8,986	179	565	832	0	461

Note Kodiak (Area Q): All Alaskan waters, including drainages, of the Kodiak and Afognak Island groups including the Trinity Islands.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.78.—Kodiak area standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	RS	PS	CS	DV	SH	RT	HA	SK	RF	LC	PC	RCL	TC	DC	SHR	Other ^a
SALTWATER:																			
Boat - Chiniak Bay	3,062	1,044	1,263	326	540	113	459	0	0	1,858	15	1,679	246	1,030	0	67	193	0	300
Boat - Other roadside sites	974	117	167	36	59	0	0	0	0	994	0	198	72	231	0	64	61	0	29
Boat - Afognak Island Area	802	195	404	200	54	23	11	11	0	488	0	439	157	419	0	0	0	0	0
Boat - Larsen Bay	414	70	212	34	70	0	10	0	0	531	0	107	0	0	0	156	23	0	0
Boat - Shuyak area	725	29	231	16	0	0	0	0	0	475	0	383	192	35	0	0	0	0	0
Boat - Uyak Bay	621	63	447	41	34	0	0	6	0	531	0	124	43	199	0	132	191	0	0
Boat - Ugak Bay	265	93	330	0	52	0	0	0	0	258	0	326	38	1,252	0	0	0	0	0
Boat - Old Harbor	195	82	164	11	23	18	0	0	0	187	0	165	44	77	0	0	0	0	8
Boat - Other remote sites	538	165	602	16	110	0	126	11	0	452	0	301	158	139	0	0	143	0	72
Boat - Other	311	106	75	0	73	22	0	0	0	146	0	249	83	202	0	0	0	0	22
Shoreline - Chiniak Bay	798	0	244	69	430	0	66	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Roadside sites	199	0	31	33	54	0	20	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Remote sites	416	0	18	256	52	0	0	0	0	0	0	0	0	0	176	0	0	0	0
SALTWATER TOTAL	3,613	1,098	1,626	457	724	120	485	17	0	2,394	15	1,835	393	1,723	176	225	311	0	307
FRESHWATER:																			
American River	746	0	153	0	470	0	146	0	0	0	0	0	0	0	0	0	0	0	0
Buskin River	3,138	31	973	232	516	60	211	0	0	0	0	0	0	0	0	0	0	0	0
Olds River	809	10	533	0	345	42	59	0	0	0	0	0	0	0	0	0	0	0	0
Pasagshak drainage	1,790	0	500	347	315	56	231	0	0	0	0	0	0	0	0	0	0	0	0
Saltery Cove drainage	566	0	249	1,111	148	0	125	0	0	0	0	0	0	0	0	0	0	0	0
Other road system streams	708	0	144	273	527	93	177	0	0	0	0	0	0	0	0	0	0	0	0
Ayakulik River (Red River)	339	0	127	354	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0
Karluk Lagoon and River below weir	275	0	480	309	0	0	25	6	0	0	0	0	0	0	0	0	0	0	0
Karluk Lake and River above weir	432	0	126	53	237	0	166	102	0	0	0	0	0	0	0	0	0	0	0
Other remote streams	404	39	462	233	10	16	85	6	0	0	0	0	0	0	0	0	0	0	0
Other streams	239	0	101	335	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Roadside lakes	362	0	290	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0
Remote lakes	191	0	121	0	0	0	72	0	53	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	3,973	50	1,469	1,366	1,076	142	467	102	53	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	5,431	1,099	2,231	1,429	1,294	182	674	104	53	2,394	15	1,835	393	1,723	176	225	311	0	307

Note: Kodiak (Area Q): All Alaskan waters, including drainages, of the Kodiak and Afognak Island groups including the Trinity Islands.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.79.—Naknek River drainage-Alaska Peninsula area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	NP	BB	SM	HA	RF	LC	PC	Other ^b
SALTWATER:																			
Boat - Unalaska Bay	606	2,291	0	101	0	337	0	0	105	0	0	0	0	0	1,308	319	0	307	0
Boat - Cold Bay area	322	1,666	0	175	0	0	0	0	45	0	0	0	0	0	1,290	109	213	176	0
Boat - Other	518	1,121	26	417	0	23	0	0	0	0	0	0	0	0	685	0	85	180	0
Shoreline	497	2,225	10	317	604	346	11	0	485	0	0	0	0	0	17	221	0	0	216
SALTWATER TOTAL	1,839	7,303	36	1,010	604	706	11	0	635	0	0	0	0	0	3,300	649	298	663	216
FRESHWATER:																			
Naknek River above Rapids Camp	1,586	5,950	599	1,625	3,019	0	11	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River below Rapids Camp	1,586	6,224	1,543	2,369	848	12	0	0	66	43	0	107	0	9,254	0	0	0	0	0
Naknek Lake	412	2,329	0	0	50	0	0	47	16	0	0	211	0	0	0	0	0	0	0
Remainder of Naknek River drainage	796	2,347	137	331	487	0	0	10	0	17	35	42	0	0	0	0	0	0	0
American Creek	725	1,112	0	0	56	0	0	0	152	177	0	0	0	0	0	0	0	0	0
Brooks River	1,370	2,513	0	72	238	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold Bay Area Freshwater	624	4,588	10	2,421	1,351	634	632	0	1,305	0	0	0	0	0	0	0	0	0	0
Egegik River and Becharof system	414	1,086	0	656	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ugashik system	481	868	21	233	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Alaska Peninsula/Aleutian streams	1,044	3,773	480	1,560	1,547	164	48	10	645	0	0	8	0	0	0	0	0	0	259
Unspecified streams	86	277	0	113	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0
Other Alaska Peninsula/Aleutian lakes	351	3,949	0	2,276	413	1,234	839	28	501	17	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	6,397	35,016	2,790	11,656	8,075	2,044	1,530	95	2,719	254	35	368	0	9,254	0	0	0	0	259
GRAND TOTAL	7,417	42,319	2,826	12,666	8,679	2,750	1,541	95	3,354	254	35	368	0	9,254	3,300	649	298	663	475

Note: Naknek River drainage-Alaska Peninsula (Area R): All Alaskan waters, including drainages, between Cape Douglas and the community of Naknek; including the Naknek River drainage, and the Aleutian Island chain. Does not include Cape Douglas.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.80.—Naknek River drainage-Alaska Peninsula area standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	NP	BB	SM	HA	RF	LC	PC	Other ^a
SALTWATER:																		
Boat - Unalaska Bay	708	0	68	0	228	0	0	68	0	0	0	0	0	317	178	0	156	0
Boat - Cold Bay area	797	0	169	0	0	0	0	45	0	0	0	0	0	636	81	146	179	0
Boat - Other	280	26	278	0	24	0	0	0	0	0	0	0	0	185	0	47	91	0
Shoreline	643	11	201	603	244	12	0	246	0	0	0	0	0	17	169	0	0	208
SALTWATER TOTAL	1,276	28	389	603	337	12	0	259	0	0	0	0	0	738	259	153	251	208
FRESHWATER:																		
Naknek River above Rapids Camp	1,098	323	416	856	0	12	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River below Rapids Camp	1,243	485	603	367	12	0	0	51	35	0	104	0	7,287	0	0	0	0	0
Naknek Lake	807	0	0	49	0	0	32	16	0	0	219	0	0	0	0	0	0	0
Remainder of Naknek River drainage	582	86	137	328	0	0	10	0	17	35	35	0	0	0	0	0	0	0
American Creek	247	0	0	58	0	0	0	103	155	0	0	0	0	0	0	0	0	0
Brooks River	528	0	44	115	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cold Bay Area Freshwater	1,568	10	764	1,182	550	547	0	862	0	0	0	0	0	0	0	0	0	0
Egegik River and Becharof system	391	0	252	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ugashik system	213	21	102	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Alaska Peninsula/Aleutian streams	659	162	537	1,046	122	33	10	192	0	0	8	0	0	0	0	0	0	261
Unspecified streams	132	0	94	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0
Other Alaska Peninsula/Aleutian lakes	3,360	0	2,198	405	1,212	824	19	492	16	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	4,267	613	2,554	1,933	1,334	986	39	1,005	161	35	244	0	7,287	0	0	0	0	261
GRAND TOTAL	4,376	616	2,587	2,031	1,378	986	39	1,030	161	35	244	0	7,287	738	259	153	251	335

Note: Naknek River drainage-Alaska Peninsula (Area R): All Alaskan waters, including drainages, between Cape Douglas and the community of Naknek; including the Naknek River drainage, and the Aleutian Island chain.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.81.–Kvichak River drainage area sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days		KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^b
	Anglers ^a	fished														
Battle River	276	304	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alagnak (Branch) River drainage	1,518	5,541	199	696	2,070	12	50	0	22	0	0	6	0	0	0	0
Copper River (tributary of Iliamna Lake)	792	1,959	0	105	201	0	0	0	0	0	0	0	0	0	0	0
Funnel Creek	317	545	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gibraltar River	425	533	0	0	56	0	0	0	0	10	0	0	0	0	0	0
Iliamna River	296	789	0	0	884	0	0	0	0	0	0	0	0	0	0	0
Kukaklek River	442	587	0	29	66	0	0	0	0	0	20	0	0	0	0	0
Kvichak River	1,904	6,015	91	839	2,711	0	0	19	42	38	130	0	13	0	0	0
Kulik River	997	1,761	0	30	0	0	0	0	22	0	0	0	0	0	0	0
Moraine Creek	841	1,257	0	0	60	0	0	0	0	0	34	0	0	0	0	0
Newhalen River drainage	635	1,370	0	0	2,662	0	0	0	22	0	17	0	0	0	0	0
Lake Clark drainage	599	1,725	0	0	103	0	0	392	0	0	241	0	100	0	0	0
Iliamna Lake and tributaries	768	1,134	0	222	657	0	0	0	0	0	0	0	0	0	0	0
Unspecified streams and lakes	180	228	10	0	110	0	0	0	0	0	20	0	0	0	0	0
TOTAL	6,325	23,748	300	1,921	9,580	12	50	411	108	48	462	6	113	0	0	0

Note Kvichak River drainage (Area S): All lakes and tributaries of the Kvichak River drainage, including Nonvianuk Lake, Kukaklek Lake, Kulik Lake, Lake Iliamna, and Lake Clark.

Note Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.82.–Kvichak River drainage area standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^a
Battle River	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alagnak (Branch) River drainage	733	77	192	515	12	26	0	23	0	0	5	0	0	0	0
Copper River (tributary of Iliamna Lake)	409	0	84	143	0	0	0	0	0	0	0	0	0	0	0
Funnel Creek	169	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gibraltar River	126	0	0	54	0	0	0	0	10	0	0	0	0	0	0
Iliamna River	211	0	0	360	0	0	0	0	0	0	0	0	0	0	0
Kukaklek River	168	0	29	69	0	0	0	0	0	20	0	0	0	0	0
Kvichak River	924	69	245	716	0	0	20	29	39	126	0	13	0	0	0
Kulik River	304	0	21	0	0	0	0	22	0	0	0	0	0	0	0
Moraine Creek	218	0	0	61	0	0	0	0	0	35	0	0	0	0	0
Newhalen River drainage	326	0	0	723	0	0	0	22	0	17	0	0	0	0	0
Lake Clark drainage	505	0	0	72	0	0	294	0	0	201	0	75	0	0	0
Iliamna Lake and tributaries	235	0	102	285	0	0	0	0	0	0	0	0	0	0	0
Unspecified streams and lakes	88	10	0	78	0	0	0	0	0	20	0	0	0	0	0
TOTAL	1,518	103	341	1,263	12	26	296	49	40	243	5	76	0	0	0

Note: Kvichak River drainage (Area S): All lakes and tributaries of the Kvichak River drainage, including Nonvianuk Lake, Kukaklek Lake, Kulik Lake, Lake Iliamna, and Lake Clark.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.83.—Nushagak area sport fish harvest and estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days														
		fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^b
Saltwater sites	64	145	0	23	0	0	0	0	0	0	0	0	0	0	1,098	17
FRESHWATER:																
Nushagak River - Black Point upstream to Sonar Site	1,388	4,138	2,179	558	30	0	333	0	47	9	10	0	0	0	0	7
Nushagak River - Sonar Site to Outlet of Mulchatna R.	1,943	8,114	3,411	1,560	344	0	873	0	154	87	57	0	117	26	0	7
Nushagak River - upstream from mouth of Mulchatna R.	605	1,739	82	809	34	0	0	0	34	0	55	0	362	0	0	0
Nuyakuk River	272	437	79	149	138	0	11	0	20	9	240	501	214	0	0	0
Other Nushagak River system, excluding Mulchatna	344	1,060	545	295	0	0	0	0	53	0	0	0	0	0	0	0
Mulchatna River drainage	348	1,157	58	31	107	0	11	38	224	23	205	0	0	0	0	0
Agulukpak River (Wood River lakes system)	669	1,430	0	0	234	0	0	0	30	0	0	0	0	0	0	0
Agulowak River (Wood River lakes system)	764	1,641	0	181	1,282	0	0	0	103	9	0	0	0	0	0	35
Aleknagik Lake (Wood River lakes system)	781	1,235	0	45	218	0	0	0	575	0	0	0	221	0	0	0
Other Wood River lakes system	1,039	2,658	48	636	904	0	0	0	195	17	10	13	45	0	0	0
Tikchik-Nuyakuk lake system	309	1,419	0	76	41	0	11	139	166	10	22	0	0	0	0	0
Togiak River system	1,102	3,638	606	1,556	153	23	88	0	287	13	33	0	17	0	3,660	7
Other streams and lakes	423	1,583	163	174	0	0	55	0	163	0	0	0	88	0	5,280	52
FRESHWATER TOTAL	6,597	30,249	7,171	6,070	3,485	23	1,382	177	2,051	177	632	514	1,064	26	8,940	108
GRAND TOTAL	6,626	30,394	7,171	6,093	3,485	23	1,382	177	2,051	177	632	514	1,064	26	10,038	125

Note: Nushagak and Togiak Bay drainages (Area T): All lakes and tributaries of the Nushagak River drainage, including the Mulchatna River drainage, the Wood River and Tikchik Lake systems, and waters westward to Cape Newenham.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.84.–Nushagak area standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	NP	BB	SM	Other ^a
Saltwater sites	76	0	24	0	0	0	0	0	0	0	0	0	0	1,076	18
FRESHWATER:															
Nushagak River - Black Point upstream to Sonar Site	634	377	263	29	0	116	0	27	9	10	0	0	0	0	8
Nushagak River - Sonar Site to Outlet of Mulchatna R.	1,796	565	567	208	0	298	0	103	76	48	0	69	20	0	7
Nushagak River - upstream from mouth of Mulchatna R.	391	52	529	33	0	0	0	33	0	40	0	356	0	0	0
Nuyakuk River	158	63	151	139	0	11	0	20	9	207	506	216	0	0	0
Other Nushagak River system, excluding Mulchatna	269	175	170	0	0	0	0	36	0	0	0	0	0	0	0
Mulchatna River drainage	301	36	22	81	0	11	27	123	17	125	0	0	0	0	0
Agulukpak River (Wood River lakes system)	389	0	0	199	0	0	0	31	0	0	0	0	0	0	0
Agulowak River (Wood River lakes system)	353	0	103	569	0	0	0	70	9	0	0	0	0	0	34
Aleknagik Lake (Wood River lakes system)	327	0	43	143	0	0	0	341	0	0	0	187	0	0	0
Other Wood River lakes system	588	35	385	468	0	0	0	120	17	10	13	36	0	0	0
Tikchik-Nuyakuk lake system	585	0	76	39	0	11	86	91	10	23	0	0	0	0	0
Togiak River system	666	168	440	110	16	70	0	155	13	35	0	12	0	3,621	8
Other streams and lakes	1,017	86	107	0	0	54	0	162	0	0	0	88	0	4,972	52
FRESHWATER TOTAL	2,527	728	1,075	811	16	333	91	469	85	248	506	471	20	6,287	64
GRAND TOTAL	2,527	728	1,075	811	16	333	91	469	85	248	506	471	20	6,405	67

Note: Nushagak and Togiak Bay drainages (Area T): All lakes and tributaries of the Nushagak River drainage, including the Mulchatna River drainage, the Wood River and Tikchik Lake systems, and waters westward to Cape Newenham.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.85.—Tanana River drainages sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days															
		fished	KS	SS	LS	CS	LT	DV	RT	GRU ^b	GRO ^b	WF	SF	NPU ^c	NPO ^c	BB	Other ^d
Brushkana Creek	723	1,047	0	0	0	0	0	0	0	31	234	0	0	0	0	0	0
Lower Chatanika River (downstream of Elliot Hwy)	941	1,629	0	0	0	0	0	0	0	35	68	21	23	98	10	0	0
Upper Chatanika River (upstream of Elliot Hwy)	1,142	1,897	0	0	0	0	0	0	0	35	70	31	0	53	0	0	0
Chena River below dam	3,243	10,787	413	0	0	0	0	0	0	0	0	21	0	81	17	262	0
Chena River above dam	2,277	6,017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delta Clearwater	2,015	5,018	0	105	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodpaster River	790	1,949	0	0	0	0	0	0	0	297	343	0	0	0	0	26	0
Minto Flats	971	2,984	0	0	0	53	0	0	0	0	90	17	0	676	89	15	0
Nenana River drainage (excluding Brushkana Creek)	1,188	1,652	26	10	0	0	0	0	0	88	115	0	0	0	0	0	0
Piledriver Slough	1,056	4,695	0	0	0	18	0	0	0	53	158	0	0	0	0	88	0
Salcha River	2,004	6,124	397	0	0	0	0	0	0	128	2,037	6	0	70	84	361	0
Lower Tanana River and tributaries	391	763	0	0	0	0	0	0	0	264	256	0	0	104	0	0	0
Middle Tanana River and tributaries	576	1,881	0	0	0	0	0	0	0	10	390	0	0	80	0	361	0
Upper Tanana River and tributaries	523	1,450	0	0	0	0	0	12	0	86	289	0	0	232	18	658	0
Tangle Lakes drainage above Wildhorse Creek	2,360	4,065	0	0	0	0	333	0	0	1,014	1,111	0	0	0	0	0	0
Tok and Northway area	686	1,420	0	0	0	0	41	0	0	90	370	0	0	229	50	0	0
Other streams	393	449	0	0	0	0	0	0	0	32	115	0	0	67	0	22	0
Birch Lake	2,428	4,294	0	0	107	0	0	374	1,256	0	0	0	0	0	0	0	0
Chena Hot Springs Road ponds	1,345	4,041	0	0	0	0	0	0	0	67	0	0	0	0	0	34	0
Chena Lake	3,337	7,774	0	0	995	0	0	1,407	3,002	0	0	0	0	0	0	0	0
Fielding Lake	401	788	0	0	0	0	357	0	0	0	33	0	0	0	0	0	0
George Lake	594	1,645	0	0	0	0	0	0	0	0	0	0	0	567	0	52	0
Harding Lake	550	1,068	0	0	0	0	0	98	0	0	0	0	0	0	0	0	0
Quartz Lake	2,589	6,905	0	0	717	0	0	287	2,847	0	0	0	0	0	0	0	0
Richardson Highway stocked lakes	761	3,648	0	0	0	0	374	164	1,303	35	0	0	0	0	0	0	0
Steese Ponds	522	1,235	0	0	0	0	0	0	63	190	0	0	0	0	0	0	0
Other lakes	2,793	7,272	0	0	721	0	88	391	1,582	0	0	0	0	460	31	0	0
TOTAL	23,737	92,497	836	115	2,540	71	1,193	2,733	10,053	2,455	5,679	96	23	2,717	299	1,879	0

Note: Tanana River drainages (Area U): The entire Tanana River watershed, excluding all portions of the Yukon and Kuskokwim rivers watersheds.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b GRU is Arctic grayling less than 12 inches; GRO is Arctic grayling 12 inches and over.

^c NPU is northern pike less than 30 inches; NPO is northern pike 30 inches and over.

^d Numbers were reported but species could not be determined, or species were incidental.

Table 2.86.—Tanana River drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days															
	fished	KS	SS	LS	CS	LT	DV	RT	GRU ^a	GRO ^a	WF	SF	NPU ^b	NPO ^b	BB	Other ^c
Brushkana Creek	254	0	0	0	0	0	0	0	22	120	0	0	0	0	0	0
Lower Chatanika River (downstream of Elliot Hwy)	454	0	0	0	0	0	0	0	24	49	21	23	87	10	0	0
Upper Chatanika River (upstream of Elliot Hwy)	444	0	0	0	0	0	0	0	24	55	31	0	53	0	0	0
Chena River below dam	1,899	184	0	0	0	0	0	0	0	0	21	0	49	17	187	0
Chena River above dam	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delta Clearwater	959	0	69	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodpaster River	555	0	0	0	0	0	0	0	144	154	0	0	0	0	27	0
Minto Flats	1,278	0	0	0	54	0	0	0	0	91	16	0	252	40	14	0
Nenana River drainage (excluding Brushkana Creek)	323	27	10	0	0	0	0	0	53	80	0	0	0	0	0	0
Piledriver Slough	1,875	0	0	0	18	0	0	0	55	165	0	0	0	0	85	0
Salcha River	1,379	183	0	0	0	0	0	0	73	1,411	6	0	69	71	339	0
Lower Tanana River and tributaries	273	0	0	0	0	0	0	0	267	191	0	0	63	0	0	0
Middle Tanana River and tributaries	716	0	0	0	0	0	0	0	10	264	0	0	53	0	212	0
Upper Tanana River and tributaries	536	0	0	0	0	0	12	0	63	181	0	0	133	17	384	0
Tangle Lakes drainage above Wildhorse Creek	584	0	0	0	0	113	0	0	325	357	0	0	0	0	0	0
Tok and Northway area	382	0	0	0	0	41	0	0	55	210	0	0	98	30	0	0
Other streams	121	0	0	0	0	0	0	0	18	61	0	0	68	0	24	0
Birch Lake	845	0	0	76	0	0	157	462	0	0	0	0	0	0	0	0
Chena Hot Springs Road ponds	1,043	0	0	0	0	0	0	0	66	0	0	0	0	0	33	0
Chena Lake	1,434	0	0	498	0	0	643	910	0	0	0	0	0	0	0	0
Fielding Lake	248	0	0	0	0	280	0	0	0	33	0	0	0	0	0	0
George Lake	566	0	0	0	0	0	0	0	0	0	0	0	200	0	39	0
Harding Lake	362	0	0	0	0	0	60	0	0	0	0	0	0	0	0	0
Quartz Lake	1,802	0	0	257	0	0	125	558	0	0	0	0	0	0	0	0
Richardson Highway stocked lakes	1,398	0	0	0	0	238	110	594	25	0	0	0	0	0	0	0
Steese Ponds	385	0	0	0	0	0	0	65	135	0	0	0	0	0	0	0
Other lakes	1,050	0	0	397	0	54	273	525	0	0	0	0	159	21	0	0
TOTAL	4,890	258	69	681	56	392	753	1,440	490	1,539	46	23	429	91	614	0

Note: Tanana River drainages (Area U): The entire Tanana River watershed, excluding all portions of the Yukon and Kuskokwim rivers watersheds.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a GRU is Arctic grayling less than 12 inches; GRO is Arctic grayling 12 inches and over.

^b NPU is northern pike less than 30 inches; NPO is northern pike 30 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.87.—Kuskokwim River-Kuskokwim Bay drainages sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days																
		fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	SF	NP	BB	SM	HA	Other ^b
Kuskokwim mainstem above Aniak River	267	1,251	802	1,362	110	136	81	0	0	0	0	84	0	14	0	0	0	0
Holitna River	297	842	0	473	20	63	0	0	238	0	50	7	13	44	0	0	0	0
Other Kuskokwim River drainages above Aniak River	432	1,752	12	123	10	0	26	0	301	31	498	58	148	0	0	0	0	0
Kuskokwim River Drainages below Aniak River:																		
Aniak River	583	2,611	10	298	0	12	156	0	510	0	416	210	0	168	0	0	0	7
Kisaralik River	363	2,235	51	559	10	0	22	10	232	0	90	0	0	0	0	0	0	0
Kwethluk River	358	1,387	42	445	12	0	0	0	129	28	114	13	0	0	0	0	0	0
Kuskokwim River drainages below Aniak River	539	1,203	0	266	0	0	0	0	56	0	81	292	0	755	0	366	0	0
Total Kuskokwim River drainages below Aniak River	1,554	7,436	103	1,568	22	12	178	10	927	28	701	515	0	923	0	366	0	7
Kuskokwim Bay Drainages:																		
Goodnews River	387	2,212	31	284	111	0	22	0	246	108	36	0	0	0	0	0	0	0
Kanektok River	748	3,267	400	876	75	112	44	0	411	0	22	0	0	0	0	0	0	0
Other streams and lakes in Kuskokwim Bay	337	1,031	51	38	46	14	0	19	53	30	0	0	0	0	0	0	0	0
Total Kuskokwim Bay drainages	1,290	6,510	482	1,198	232	126	66	19	710	138	58	0	0	0	0	0	0	0
TOTAL	3,506	17,791	1,399	4,724	394	337	351	29	2,176	197	1,307	664	161	981	0	366	0	7

Note: Kuskokwim-River -Kuskokwim Bay drainages (Area V): The Kuskokwim River drainage and all waters flowing into Kuskokwim Bay; adjacent saltwater from Cape Newenham north to the Naskonat Peninsula (north of Nelson Island). Does not include the Yukon, Tanana, or Koyukuk River drainages.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.88.—Kuskokwim River-Kuskokwim Bay drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	RS	PS	CS	LT	DV	RT	GR	WF	SF	NP	BB	SM	HA	Other ^a
Kuskokwim mainstem above Aniak River	673	486	774	109	135	63	0	0	0	0	84	0	14	0	0	0	0
Holitna River	246	0	268	20	63	0	0	157	0	50	7	13	22	0	0	0	0
Other Kuskokwim River drainages above Aniak River	480	13	57	10	0	27	0	158	22	219	50	135	0	0	0	0	0
Kuskokwim River Drainages below Aniak River:																	
Aniak River	589	11	172	0	12	117	0	237	0	196	206	0	117	0	0	0	7
Kisaralik River	701	36	337	10	0	21	9	97	0	86	0	0	0	0	0	0	0
Kwethluk River	417	32	314	12	0	0	0	85	19	87	13	0	0	0	0	0	0
Kuskokwim River drainages below Aniak River	381	0	150	0	0	0	0	56	0	76	204	0	711	0	365	0	0
Total Kuskokwim River drainages below Aniak River	1,047	50	509	15	12	120	9	272	19	237	296	0	725	0	365	0	7
Kuskokwim Bay Drainages:																	
Goodnews River	690	23	148	61	0	21	0	107	68	21	0	0	0	0	0	0	0
Kanektok River	583	176	353	54	71	27	0	247	0	22	0	0	0	0	0	0	0
Other streams and lakes in Kuskokwim Bay	343	52	24	38	14	0	19	39	30	0	0	0	0	0	0	0	0
Total Kuskokwim Bay drainages	970	184	382	92	73	35	19	274	74	30	0	0	0	0	0	0	0
TOTAL	1,686	513	1,032	149	171	146	22	441	80	329	311	136	725	0	365	0	7

Note: Kuskokwim-River -Kuskokwim Bay drainages (Area V): The Kuskokwim River drainage and all waters flowing into Kuskokwim Bay; adjacent saltwater from Cape Newenham north to the Naskonat Peninsula (north of Nelson Island). Does not include the Yukon, Tanana, or Koyukuk River drainages.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.89.—Seward Peninsula-Norton Sound drainages sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KS	SS	RS	PS	CS	DV	GRU ^b	GRO ^b	WF	SF	NP	BB	SM	HA	KC	Other ^c	
Saltwater sites	354	1,030	0	75	0	23	50	0	0	0	0	0	0	0	0	0	0	0	
FRESHWATER:																			
Fish and Niukluk rivers	646	4,036	30	928	0	23	71	108	313	143	31	0	71	0	0	0	0	0	
Nome River	651	2,808	13	229	0	178	0	253	0	0	0	0	0	0	0	0	0	0	
Snake River	449	564	0	55	0	35	0	0	0	0	0	0	0	0	0	0	0	0	
Unalakleet River	1,122	5,329	248	5,027	0	579	258	2,794	257	200	0	0	0	0	0	0	0	0	
Other streams	775	3,456	0	265	0	467	33	301	151	105	112	0	468	0	0	0	0	0	
FRESHWATER TOTAL	2,755	16,193	291	6,504	0	1,282	362	3,456	721	448	143	0	539	0	0	0	0	0	
GRAND TOTAL	2,929	17,223	291	6,579	0	1,305	412	3,456	721	448	143	0	539	0	0	0	0	0	

Note: Seward Peninsula-Norton Sound drainages (Area W): All waters north of the Yukon River drainage, including all saltwater north and west of Pastol Bay in Norton Sound; and south of the Selawik River drainage. Does not include the Selawik River.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b GRU is Arctic grayling less than 15 inches; GRO is Arctic grayling 15 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.90.—Seward Peninsula-Norton Sound drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	RS	PS	CS	DV	GRU ^a	GRO ^a	WF	SF	NP	BB	SM	HA	KC	Other ^b
Saltwater sites	648	0	64	0	23	52	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																	
Fish and Niukluk rivers	913	22	357	0	23	58	82	122	78	32	0	58	0	0	0	0	0
Nome River	927	13	139	0	156	0	148	0	0	0	0	0	0	0	0	0	0
Snake River	190	0	47	0	33	0	0	0	0	0	0	0	0	0	0	0	0
Unalakleet River	1,324	249	1,162	0	414	158	1,148	184	173	0	0	0	0	0	0	0	0
Other streams	879	0	127	0	227	34	110	96	64	86	0	443	0	0	0	0	0
FRESHWATER TOTAL	2,093	250	1,230	0	506	171	1,173	240	202	93	0	447	0	0	0	0	0
GRAND TOTAL	2,167	250	1,230	0	507	178	1,173	240	202	93	0	447	0	0	0	0	0

Note: Seward Peninsula-Norton Sound drainages (Area W): All waters north of the Yukon River drainage, including all saltwater north and west of Pastol Bay in Norton Sound; and south of the Selawik River drainage. Does not include the Selawik River.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a GRU is Arctic grayling less than 15 inches; GRO is Arctic grayling 15 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.91.—Northwest Alaska drainages sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KS	SS	RS	PS	CS	LT	DVU ^b	DVO ^b	GR	WF	SF	NP	BB	SM	Other ^c
Saltwater sites	279	953	0	0	0	0	0	0	0	17	0	241	170	0	0	81	44
FRESHWATER:																	
Kobuk River drainage	443	3,283	0	0	0	0	216	63	86	111	196	6	747	0	0	0	22
Noatak River drainage	571	2,561	0	0	0	0	13	0	543	310	208	0	29	43	0	0	0
Other streams	246	634	0	0	0	0	0	0	115	190	35	0	0	0	0	0	0
FRESHWATER TOTAL	1,197	6,478	0	0	0	0	229	63	744	611	439	6	776	43	0	0	22
GRAND TOTAL	1,386	7,431	0	0	0	0	229	63	744	628	439	247	946	43	0	81	66

Note: Northwest Alaska drainages (Area X): Kotzebue area including drainages of Selawik, Kobuk, Noatak, Wulik, and Kivalina rivers. All saltwater in the northern half of Kotzebue Sound to and including Point Hope.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b DVU is Dolly Varden and Arctic char less than 20 inches; DVO is Dolly Varden and Arctic char 20 inches and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.92.—Northwest Alaska drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	RS	PS	CS	LT	DVU ^a	DVO ^a	GR	WF	SF	NP	BB	SM	Other ^b
Saltwater sites	393	0	0	0	0	0	0	0	17	0	207	109	0	0	64	45
FRESHWATER:																
Kobuk River drainage	1,381	0	0	0	0	170	46	81	104	115	6	389	0	0	0	23
Noatak River drainage	923	0	0	0	0	13	0	277	152	112	0	30	42	0	0	0
Other streams	218	0	0	0	0	0	0	82	102	34	0	0	0	0	0	0
FRESHWATER TOTAL	1,726	0	0	0	0	170	46	299	219	165	6	390	42	0	0	23
GRAND TOTAL	1,781	0	0	0	0	170	46	299	220	165	207	402	42	0	64	50

Note: Northwest Alaska drainages (Area X): Kotzebue area including drainages of Selawik, Kobuk, Noatak, Wulik, and Kivalina rivers. All saltwater in the northern half of Kotzebue Sound to and including Point Hope.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a DVU is Dolly Varden and Arctic char less than 20 inches; DVO is Dolly Varden and Arctic char 20 inches and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.93.–Yukon River drainages sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days																
		fished	KS	SS	RS	PS	CS	LT	DV	GR	WF	SF	NPU ^b	NPO ^b	BB	SM	HA	Other ^c
Yukon River drainages below Koyukuk River	754	4,261	27	849	0	0	77	0	231	1,190	352	130	445	144	69	0	0	0
Yukon River Drainages (Koyukuk River to Fort Yukon):																		
Beaver and Nome Creeks	479	1,179	0	0	0	0	0	0	0	180	0	0	10	0	15	0	0	0
Haul Road streams and lakes accessed from Dalton Highway	498	1,177	0	0	0	0	0	0	150	339	0	0	0	0	0	0	0	0
Yukon River drainages - Fort Yukon to Koyukuk River	1,105	3,393	0	0	0	0	26	76	0	895	134	80	632	10	705	0	0	65
Total Yukon River drainages (Koyukuk River to Fort Yukon)	2,039	5,749	0	0	0	0	26	76	150	1,414	134	80	642	10	720	0	0	65
Yukon River drainages above Fort Yukon	324	598	0	0	0	0	0	0	0	169	13	0	24	0	0	0	0	0
TOTAL	3,041	10,608	27	849	0	0	103	76	381	2,773	499	210	1,111	154	789	0	0	65

Note: Yukon River drainages (Area Y): All Yukon River drainages (including the Alaska portion of the White River drainage but excluding the Tanana River drainage), from the south side of the Brooks Range to the Bering Sea; and from the Canadian border to the Bering Sea; and all drainages of the Koyukuk River and Alatna rivers.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b NPU are northern pike less than 30"; NPO are northern pike 30" and over.

^c Numbers were reported but species could not be determined, or species were incidental.

Table 2.94. Yukon River drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	SS	RS	PS	CS	LT	DV	GR	WF	SF	NPU ^a	NPO ^a	BB	SM	HA	Other ^b
Yukon River drainages below Koyukuk River	1,410	20	534	0	0	66	0	167	714	192	88	171	75	68	0	0	0
Yukon River Drainages (Koyukuk River to Fort Yukon):																	
Beaver and Nome Creeks	379	0	0	0	0	0	0	0	106	0	0	10	0	15	0	0	0
Haul Road streams and lakes accessed from Dalton Highway	262	0	0	0	0	0	0	148	197	0	0	0	0	0	0	0	0
Yukon River drainages - Fort Yukon to Koyukuk River	590	0	0	0	0	27	41	0	330	107	80	216	10	403	0	0	45
Total Yukon River drainages (Koyukuk River to Fort Yukon)	716	0	0	0	0	27	41	148	392	107	80	216	10	404	0	0	45
Yukon River drainages above Fort Yukon	191	0	0	0	0	0	0	0	112	13	0	24	0	0	0	0	0
TOTAL	1,621	20	534	0	0	72	41	228	829	221	119	277	76	411	0	0	45

Note: Yukon River drainages (Area Y): All Yukon River drainages (including the Alaska portion of the White River drainage but excluding the Tanana River drainage), from the south side of the Brooks Range to the Bering Sea; and from the Canadian border to the Bering Sea; and all drainages of the Koyukuk River and Alatna rivers.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a NPU are northern pike less than 30"; NPO are northern pike 30" and over.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.95.—North Slope Brooks Range drainages sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Anglers ^a	Days fished	KS	PS	CS	LT	DV	GR	WF	NP	BB	SM	Other ^b
Sagavanirktok River	333	883	0	0	0	0	17	242	0	0	0	0	0
Other streams and lakes	845	3,022	0	0	11	0	902	2,754	28	0	6	0	0
TOTAL	1,178	3,905	0	0	11	0	919	2,996	28	0	6	0	0

Note: North Slope Brooks Range drainages (Area Z): All Alaskan waters, including drainages, north of the Brooks Range and flowing into the Beaufort and Chukchi seas to the north and east of Point Hope. Does not include Point Hope.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Angler totals are not additive, because an angler may fish at multiple sites.

^b Numbers were reported but species could not be determined, or species were incidental.

Table 2.96.—North Slope Brooks Range drainages standard errors of sport fish harvest and effort estimates by fisheries and species, 2009.

Area fished	Days fished	KS	PS	CS	LT	DV	GR	WF	NP	BB	SM	Other ^a
Sagavanirktok River	257	0	0	0	0	16	120	0	0	0	0	0
Other streams and lakes	594	0	0	11	0	365	1,048	27	0	5	0	0
TOTAL	648	0	0	11	0	366	1,052	27	0	5	0	0

Note: North Slope Brooks Range drainages (Area Z): All Alaskan waters, including drainages, north of the Brooks Range and flowing into the Beaufort and Chukchi seas to the north and east of Point Hope. Does not include Point Hope.

Note: Standard errors were calculated using the bootstrap method. Because the empirical distribution of derived confidence intervals for these estimates is not symmetrical, valid confidence intervals cannot be obtained directly.

Note: Refer to Table 2.1 for common names and species abbreviations.

^a Numbers were reported but species could not be determined, or species were incidental.

Table 2.97.—Comparison of 2009 Alaska statewide survey and onsite survey estimates and confidence intervals.

Fishery	Onsite survey				Alaska statewide harvest survey					
	Harvest	SE	95% Confidence Interval		Harvest	SE	95% Confidence Interval			
Ketchikan Marine Boat										
Chinook salmon over 28"	4,040	458	3,142	–	4,938	14,898	1,869	11,629	–	18,789
Chinook salmon under 28"	351	78	198	–	504	4,331	2,131	1,645	–	9,331
Coho salmon	23,307	2,434	18,536	–	28,078	69,077	4,256	61,019	–	77,388
Sockeye salmon	25	15	0	–	54	1,498	607	619	–	2,886
Pink salmon	22,438	4,285	14,039	–	30,837	31,915	2,382	27,741	–	36,888
Chum salmon	2,649	378	1,908	–	3,390	7,665	795	6,219	–	9,290
Pacific halibut	8,794	656	7,508	–	10,080	21,020	2,052	17,403	–	25,164
Lingcod	508	87	337	–	679	1,703	249	1,255	–	2,231
Rockfish	9,661	1,091	7,523	–	11,799	18,429	2,203	14,747	–	23,301
Sitka Marine Boat										
Chinook salmon over 28"	12,162	901	10,396	–	13,928	16,999	1,050	15,095	–	19,059
Chinook salmon under 28"	6	5	0	–	16	0	0	0	–	0
Coho salmon	30,013	3,297	23,551	–	36,475	39,091	2,406	34,515	–	43,950
Sockeye salmon	202	75	55	–	349	391	155	146	–	746
Pink salmon	3,483	554	2,397	–	4,569	3,533	472	2,683	–	4,559
Chum salmon	1,503	200	1,111	–	1,895	1,881	281	1,405	–	2,481
Pacific halibut	9,915	866	8,218	–	11,612	15,469	858	13,934	–	17,108
Lingcod	1,157	177	810	–	1,504	1,957	220	1,536	–	2,383
Rockfish	22,912	2,072	18,851	–	26,973	27,596	1,941	24,006	–	31,417
Juneau Marine Boat										
Chinook salmon over 28"	3,184	215	2,763	–	3,605	9,665	1,312	7,307	–	12,238
Chinook salmon under 28"	123	29	66	–	180	893	272	417	–	1,456
Coho salmon	11,349	856	9,671	–	13,027	23,740	1,844	20,448	–	27,505
Sockeye salmon	45	16	14	–	76	691	230	343	–	1,230
Pink salmon	2,745	339	2,081	–	3,409	15,451	1,842	12,055	–	19,153
Chum salmon	3,479	673	2,160	–	4,798	5,550	793	4,173	–	7,192
Pacific halibut	10,496	849	8,832	–	12,160	29,822	1,901	26,052	–	33,451
Lingcod	34	25	0	–	83	407	125	205	–	694
Rockfish	2,506	725	1,085	–	3,927	7,069	922	5,349	–	9,086
Dolly Varden	223	63	100	–	346	786	187	457	–	1,192

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Table 2.97.–Page 2 of 2.

Fishery	Onsite survey			Alaska statewide harvest survey		
	Harvest	SE	95% Confidence Interval	Harvest	SE	95% Confidence Interval
Kasilof River						
Early Chinook salmon, total	1,532	270	1,003 – 2,061	1,637	210	1,234 – 2,050
Kenai River – Cook Inlet to Soldotna Bridge						
Early Chinook salmon, guided	564	122	325 – 803	491	110	288 – 718
Early Chinook salmon, nonguided	334	74	189 – 479	803	129	567 – 1,073
Late Chinook salmon, guided	4,254	349	3,570 – 4,938	2,914	254	2,419 – 3,400
Late Chinook salmon, nonguided	3,124	339	2,460 – 3,788	3,997	367	3,331 – 4,713

Table 2.98.—Number of households responding to the 2009 standard and supplementary sport fish surveys by fishery.

Area	Standard	Supplemental	Total
Area A. Ketchikan Area			
SALTWATER:			
Boat - East, West Behm Canals	255	234	489
Boat - Bell Island	8	6	14
Boat - Carroll Inlet	24	20	44
Boat - Clarence Strait	25	40	65
Boat - Clover Pass	3	23	26
Boat - Duke Island	4	14	18
Boat - Gravina Island	3	11	14
Boat - Herring Cove	5	60	65
Boat - Knudsen Cove	7	11	18
Boat - Mountain Point	105	118	223
Boat - Nichols Passage	4	12	16
Boat - Revillagiedo Channel	28	41	69
Boat - Terminal Harvest Area - Ketchikan	157	37	194
Boat - Tongass Narrows	14	39	53
Boat - Yes Bay	20	14	34
Boat - Other	22	37	59
Shoreline - Herring Cove	44	13	57
Shoreline - Other	8	19	27
FRESHWATER:			
Ketchikan Creek	21	12	33
Naha River	14	6	20
Ward Cove Creek	23	17	40
Other streams	9	17	26
Ward Lake	10	4	14
Other lakes	10	10	20
Area B. Prince of Wales Island Area			
SALTWATER:			
Boat - Eastside Prince of Wales Island	101	91	192
Boat - Neck Lake Outlet Terminal Fishery	3	16	19
Boat - Thorne Bay	2	14	16
Boat - Westside Prince of Wales Island	189	195	384
Boat - Cape Chacon	1	11	12
Boat - Waterfall Bay	23	26	49
Boat - Other	2	3	5
Shoreline - Neck Lake Outlet Terminal Fishery	14	4	18
Shoreline - Other	8	5	13
FRESHWATER:			
Eagle Creek	11	10	21
Harris River	13	21	34
Klawock River	29	23	52
Staney Creek	24	26	50
Thorne River and Lake	27	33	60
Other streams	45	46	91
Lakes	16	7	23

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Table 2.98.—Page 2 of 11.

Area	Standard	Supplemental	Total
Area C. Kake, Petersburg, Wrangell, Stikine Area			
SALTWATER:			
Boat - Frederick Sound near Petersburg	53	55	108
Boat - Terminal Harvest Area near Petersburg	11	7	18
Boat - Remainder of Petersburg Area	14	17	31
Boat - Wrangell Narrows	33	35	68
Boat - Kake Area	17	13	30
Boat - Greys Pass/Banana Point	9	10	19
Boat - Sumner Strait - Strait Island to Greys Pass	34	55	89
Boat - Wrangell Area	38	35	73
Boat - Snow Passage	22	9	31
Boat - Thomas Bay	14	17	31
Boat - Other	17	38	55
Shoreline	13	19	32
FRESHWATER:			
Blind Slough (in Wrangell Narrows)	10	16	26
Petersburg Creek	7	10	17
Kah Sheets River	6	6	12
Other streams	29	38	67
Lakes	10	14	24
Area D. Sitka Area			
SALTWATER:			
Boat - Baranof Island East side	35	51	86
Boat - Baranof Island Southwest side	4	27	31
Boat - Biorka Island	32	35	67
Boat - Chichagof Island West side	13	11	24
Boat - Kasnyku Bay	8	11	19
Boat - Kruzof Island outer coast	122	97	219
Boat - Salisbury Sound	90	91	181
Boat - Silver Bay	33	16	49
Boat - Sitka Sound	241	245	486
Boat - Tenakee Area	26	11	37
Boat - Other	13	19	32
Shoreline - Sitka road system	15	4	19
Shoreline - Other	12	27	39
FRESHWATER:			
Baranof Island streams and lakes	39	31	70
Chichagof Island streams and lakes	10	6	16
Unspecified streams	3	4	7
Area E. Juneau Area			
SALTWATER:			
Boat - Angoon area	25	21	46
Boat - Frederick Sound	8	16	24
Boat - Lower Stephens Passage	54	45	99
Boat - Lynn Canal	5	10	15
Boat - Saltwater near Juneau	278	343	621
Boat - Juneau Terminal Harvest Area	97	62	159
Boat - Other	3	6	9
Shoreline - Other Juneau road system	33	47	80
Shoreline - Macaulay Hatchery - DIPAC	24	16	40
Shoreline - Other	28	21	49

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Table 2.98.—Page 3 of 11.

Area	Standard	Supplemental	Total
Area E. Juneau Area (continued)			
FRESHWATER:			
Admiralty Island streams	8	18	26
Cowee Creek	26	18	44
Montana Creek	17	12	29
Peterson Creek and Salt Chuck	13	9	22
Other Juneau road system	14	11	25
Fish Creek (Douglas Island)	17	19	36
Slocum Creek	3	9	12
Other streams	30	20	50
Twin Lakes	10	6	16
Other lakes	16	10	26
Area F3. Haines-Skagway Area			
SKAGWAY SUB-AREA			
SALTWATER:			
Boat - Taiya Inlet	36	43	79
Shoreline - Taiya Inlet	0	8	8
FRESHWATER:			
Pullen Creek and Pond	8	8	16
Other streams and lakes	4	10	14
HAINES SUB-AREA			
SALTWATER:			
Boat - Chilkat Inlet	17	6	23
Boat - Chilkoot Inlet	18	10	28
Boat - Other	3	5	8
Shoreline	9	8	17
FRESHWATER:			
Chilkat River drainage	49	23	72
Chilkoot River	49	22	71
Other streams	1	4	5
Chilkat Lake	10	2	12
Chilkoot Lake	33	16	49
Area G. Glacier Bay Area			
SALTWATER:			
Boat - Cross Sound (excl. Glacier Bay National Park)	41	36	77
Boat - Elfin Cove	6	10	16
Boat - Glacier Bay (Proper)	32	22	54
Boat - Glacier Bay National Park (excl. Glacier Bay)	19	8	27
Boat - Gustavus Area	29	31	60
Boat - Homeshore Area	27	30	57
Boat - Hoonah Area	34	39	73
Boat - Icy Strait (excl. Glacier Bay National Park)	103	112	215
Boat - Outer Coast Yakobi Island	29	28	57
Boat - Other	12	10	22
Shoreline	5	7	12
FRESHWATER:			
Bartlett River	8	5	13
North Chichagof Island streams	11	13	24
Salmon River	12	2	14
Other streams and lakes	5	8	13

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Table 2.98—Page 4 of 11.

Area	Standard	Supplemental	Total
Area H. Yakutat Area			
SALTWATER:			
Boat - Yakutat Bay	73	79	152
Boat - Other	4	4	8
Shoreline	8	7	15
FRESHWATER:			
East Alsek River	12	9	21
Italo River	17	12	29
Lost River	15	9	24
Situk River, above weir	66	47	113
Situk River, below weir	58	50	108
Tsiu River	8	22	30
Other streams and lakes	23	17	40
Area I. Upper Copper River Drainage			
Gulkana River - above Paxson	9	4	13
Gulkana River - Paxson to ADFG Tower	28	12	40
Gulkana River - ADFG Tower to West Fork	18	10	28
Gulkana River - West Fork to Highway	35	17	52
Gulkana River - Highway to Copper River	22	16	38
Gulkana River - Other	12	5	17
Klutina River	99	99	198
Tonsina River	11	5	16
Other streams	19	32	51
Van and Silver lakes	9	3	12
Other stocked lakes	9	16	25
Crosswind Lake	12	3	15
Paxson Lake	19	10	29
Summit Lake (near Paxson)	12	6	18
Other lakes	11	17	28
Area J. North Gulf Coast/Prince William Sound Area			
SALTWATER:			
Boat - Resurrection Bay - Trip to Seward	531	498	1,029
Boat - North Gulf Coast West of Aialik Cape	94	108	202
Boat - North Gulf Coast East of Aialik Cape	192	214	406
Boat - West PWS - Trip to Seward	114	167	281
Boat - Other - Trip to Seward	4	7	11
Boat - West PWS - Trip to Whittier/Chenega/West PWS	212	234	446
Boat - East PWS - Trip to Whittier/Chenega/West PWS	26	35	61
Boat - West PWS - Trip to Valdez	66	54	120
Boat - East PWS - Trip to Valdez	110	113	223
Boat - Other - Trip to Valdez	1	15	16
Boat - Valdez Arm - Trip to Valdez	151	128	279
Boat - West PWS - Trip to Cordova or East PWS	4	14	18
Boat - East PWS - Trip to Cordova or East PWS	31	35	66
Boat - Other	4	19	23
Shoreline - Resurrection Bay (Seward)	81	91	172
Shoreline - Passage Canal (Whittier)	18	20	38
Shoreline - Other West Prince William Sound	3	4	7
Shoreline - Valdez road system	57	31	88
Shoreline - Allison Point	100	56	156
Shoreline - Remainder of Valdez Arm	22	21	43
Shoreline - Orca Inlet	11	8	19
Shoreline - Other	3	7	10

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Table 2.98.—Page 5 of 11.

Area	Standard	Supplemental	Total
Area J. North Gulf Coast/Prince William Sound Area (continued)			
FRESHWATER:			
Alaganik Slough	20	15	35
Eyak River	41	46	87
Ibeck Creek	16	26	42
Other East Prince William Sound streams	14	13	27
West Prince William Sound streams and lakes	5	5	10
Other streams	3	16	19
Lakes	10	15	25
Area K. Knik Arm Drainage Area			
Saltwater sites	5	0	5
FRESHWATER			
Cottonwood Creek drainage	20	9	29
Eklutna Power Plant raceway	160	85	245
Fish Creek (Big Lake drainage)	31	13	44
Knik River and tributaries, including Jim Creek	121	111	232
Little Susitna River	206	175	381
Wasilla Creek (Rabbit Slough)	20	7	27
Other streams	5	6	11
Finger Lake	33	32	65
Kepler Lake complex	50	36	86
Long Lake (Mile 85 Glenn Highway)	17	7	24
Nancy Lake Recreation Area	47	32	79
Other stocked lakes	57	36	93
Big Lake	34	9	43
Wasilla Lake	7	6	13
Other lakes	13	22	35
Area L. Anchorage Area			
SALTWATER:			
Boat	6	1	7
Shoreline - Twentymile River mouth	11	7	18
Shoreline - Other	9	4	13
FRESHWATER:			
Bird Creek	140	122	262
Campbell Creek	27	24	51
Glacier Creek	10	13	23
Ingram Creek	6	9	15
Placer River	9	5	14
Portage Creek	11	9	20
Ship Creek	161	104	265
Twentymile River	29	20	49
Other streams	6	23	29
Beach Lake	9	11	20
Eklutna Lake	13	7	20
Lower Fire Lake	7	5	12
Mirror Lake	15	16	31
Symphony Lake	9	6	15
Campbell Point Lake	21	4	25
Cheney Lake	18	8	26
DeLong Lake	21	6	27
Jewel Lake	38	14	52
Sand Lake	17	4	21
Green Lake (Elmendorf)	8	6	14
Hillberg Lake (Elmendorf)	6	10	16

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Table 2.98.—Page 6 of 11.

Area	Standard	Supplemental	Total
Area L. Anchorage Area Freshwater (continued)			
Sixmile Lake (Elmendorf)	8	4	12
Other Elmendorf Air Force Base lakes	6	2	8
Clunie Lake (Fort Richardson)	7	11	18
Other Fort Richardson lakes	11	6	17
Turnagain Arm Lakes	10	2	12
Other lakes	13	5	18
Area M. Susitna River Drainage			
Susitna River	63	58	121
Chulitna/East Susitna Drainages:			
Birch Creek	9	4	13
Caswell Creek	23	14	37
Chulitna River drainage	6	14	20
Chunilna Creek (Clear Creek)	79	55	134
Goose Creek	15	20	35
Kashwitna River	25	14	39
Little Willow Creek	41	36	77
Montana Creek	140	103	243
Sheep Creek	74	71	145
Sunshine Creek	13	13	26
Talkeetna River drainage (excluding Clear Creek)	90	84	174
Troublesome Creek	7	8	15
Willow Creek	154	109	263
Other streams - Chulitna/East Susitna drainage	5	10	15
Chulitna/East Susitna drainage stocked lakes	9	10	19
Other lakes - Chulitna/East Susitna drainage	7	9	16
West Susitna Drainages:			
Alexander Creek	5	7	12
Alexander Lake	6	9	15
Deshka River (Kroto Creek) below weir	38	39	77
Deshka River (Kroto Creek) above weir	22	16	38
Fish Lake Creek and Fish Lakes (Yentna drainage)	15	6	21
Lake Creek (Yentna drainage)	70	85	155
Peters Creek	10	8	18
Talachulitna River (Yentna drainage)	21	14	35
Yentna River	33	30	63
Remainder of Yentna River drainage	24	26	50
Other streams - West Susitna drainage	11	4	15
Trapper Lake	8	6	14
Other lakes - West Susitna drainage	1	6	7
Upper Susitna Drainages:			
Lake Louise	25	15	40
Other upper Susitna drainage lakes	12	9	21
Upper Susitna drainage streams	8	11	19
Total Upper Susitna drainages	45	35	80
DRAINAGE UNSPECIFIED			
Unspecified streams and lakes	45	35	80
	5	12	17

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Table 2.98.—Page 7 of 11.

Area	Standard	Supplemental	Total
Area N. West Cook Inlet drainages			
Chuitna River	15	17	32
Theodore River	11	5	16
Other sites between North Forelands and Susitna drainage	17	20	37
Kustatan River	29	39	68
Silver Salmon Creek	14	14	28
Big River lakes	33	35	68
Wolverine Creek mouth	42	46	88
Other Sites south of North Forelands	18	22	40
Unspecified streams and lakes	0	2	2
Area P. Kenai Peninsula Area.	1,768	1,850	3,618
KENAI RIVER FRESHWATER GUIDED			
Kenai River - Cook Inlet to Soldotna Bridge	284	326	610
Kenai River - Soldotna Bridge to Moose River	105	110	215
Kenai River - Moose River to Skilak Outlet	71	90	161
Kenai River - Skilak Inlet to Kenai Lake	111	161	272
Kenai River - Reach not specified	2	28	30
KENAI RIVER FRESHWATER NON-GUIDED			
Kenai River - Cook Inlet to Soldotna Bridge	581	460	1,041
Kenai River - Soldotna Bridge to Moose River	403	397	800
Kenai River - Moose River to Skilak Outlet	195	183	378
Kenai River - Skilak Inlet to Kenai Lake	321	324	645
Kenai River - Reach not specified	7	87	94
OTHER FRESHWATER			
Anchor River	159	105	264
Deep Creek	82	57	139
Kasilof River - Guided Bank Fishing	17	7	24
Kasilof River - Nonguided Bank Fishing	116	83	199
Kasilof River - Guided Boat Fishing	115	114	229
Kasilof River - Nonguided Boat Fishing	45	39	84
Ninilchik River	86	45	131
Ptarmigan Creek	9	5	14
Quartz Creek	62	60	122
Resurrection Creek drainage	63	61	124
Russian River	554	474	1,028
Sixmile Creek drainage	19	9	28
Swanson River	34	15	49
Other streams	10	31	41
Crescent Lake	24	16	40
Hidden Lake	21	14	35
Johnson Lake	2	10	12
Skilak Lake	17	8	25
Swanson River Canoe Route lakes	16	7	23
Tustumena Lake	8	4	12
Kenai Peninsula stocked lakes	17	18	35
Other lakes	47	40	87
SALTWATER FINFISH CHARTER BOAT			
Cook Inlet North of Bluff and Chinitna Points	548	482	1,030
Kachemak Bay including Bluff Point to Seldovia	347	206	553
Lower Cook Inlet West of Gore Point	305	503	808
Boat - Other	1	12	13

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Table 2.98.—Page 8 of 11.

Area	Standard	Supplemental	Total
Area P. Kenai Peninsula Area (continued)			
SALTWATER FINFISH PRIVATE BOAT			
Cook Inlet North of Bluff and Chinitna Points	230	227	457
Kachemak Bay including Bluff Point to Seldovia	225	237	462
Lower Cook Inlet West of Gore Point	111	159	270
Boat - Other	1	24	25
SALTWATER FINFISH SHORELINE			
Cook Inlet North of Bluff and Chinitna Points	12	10	22
Other Lower Cook Inlet/Kachemak Bay Shore excluding Homer Spit	9	13	22
Homer Spit (Kachemak Bay)	77	69	146
SHELLFISH:			
Polly Creek/Crescent River Bar	8	11	19
West Cook Inlet - Other sites	13	13	26
East Cook Inlet between Anchor Point and Kasilof River	172	299	471
Kachemak Bay	46	53	99
East Cook Inlet - Other sites	3	1	4
Area Q. Kodiak Area			
SALTWATER:			
Boat - Chiniak Bay	134	134	268
Boat - Other roadside sites	9	24	33
Boat - Afognak Island Area	47	26	73
Boat - Larsen Bay	4	15	19
Boat - Shuyak area	11	7	18
Boat - Uyak Bay	34	16	50
Boat - Ugak Bay	7	10	17
Boat - Old Harbor	5	7	12
Boat - Other remote sites	29	33	62
Boat - Other	0	11	11
Shoreline - Chiniak Bay	9	19	28
Shoreline - Roadside sites	2	5	7
Shoreline - Remote sites	9	2	11
FRESHWATER:			
American River	39	30	69
Buskin River	83	67	150
Olds River	46	30	76
Pasagshak drainage	51	39	90
Saltery Cove drainage	37	28	65
Other road system streams	18	35	53
Ayakulik River (Red River)	9	7	16
Karluk Lagoon and River below weir	11	19	30
Karluk Lake and River above weir	10	4	14
Other remote streams	16	23	39
Other streams	1	7	8
Roadside lakes	5	9	14
Remote lakes	2	3	5
Area R. Naknek River Drainage-Alaska Peninsula Area			
SALTWATER:			
Boat - Unalaska Bay	19	8	27
Boat - Cold Bay area	8	5	13
Boat - Other	15	12	27
Shoreline	7	13	20

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Table 2.98.—Page 9 of 11.

Area	Standard	Supplemental	Total
Area R. Naknek River Drainage-Alaska Peninsula Area (continued)			
FRESHWATER:			
Naknek River above Rapids Camp	50	33	83
Naknek River below Rapids Camp	50	28	78
Naknek Lake	15	9	24
Remainder of Naknek River drainage	21	31	52
American Creek	24	20	44
Brooks River	45	29	74
Cold Bay Area Freshwater	16	9	25
Egegik River and Becharof system	13	7	20
Ugashik system	13	13	26
Other Alaska Peninsula/Aleutian streams	23	33	56
Unspecified streams	4	2	6
Other Alaska Peninsula/Aleutian lakes	9	5	14
Area S. Kvichak River Drainage			
Battle River	10	9	19
Alagnak (Branch) River drainage	41	54	95
Copper River (tributary of Iliamna Lake)	22	18	40
Funnel Creek	11	9	20
Gibraltar River	9	15	24
Iliamna River	11	8	19
Kukaklek River	12	10	22
Kvichak River	43	58	101
Kulik River	27	30	57
Moraine Creek	24	29	53
Newhalen River drainage	14	15	29
Lake Clark drainage	15	14	29
Iliamna Lake and tributaries	24	16	40
Unspecified streams and lakes	1	8	9
Area T. Nushagak Area			
Saltwater sites	5	0	5
FRESHWATER:			
Nushagak River - Black Point upstream to Sonar Site	38	33	71
Nushagak River - Sonar Site to Outlet of Mulchatna R.	42	49	91
Nushagak River - upstream from mouth of Mulchatna R.	14	14	28
Nuyakuk River	6	7	13
Other Nushagak River system, excluding Mulchatna	6	16	22
Mulchatna River drainage	13	10	23
Agulukpak River (Wood River lakes system)	16	18	34
Agulowak River (Wood River lakes system)	17	20	37
Aleknagik Lake (Wood River lakes system)	14	9	23
Other Wood River lakes system	21	28	49
Tikchik-Nuyakuk lake system	10	4	14
Togiak River system	31	30	61
Other streams and lakes	9	13	22
Area U. Tanana River Drainages			
Brushkana Creek	20	7	27
Lower Chatanika River (downstream of Elliot Hwy)	12	12	24
Upper Chatanika River (upstream of Elliot Hwy)	21	15	36
Chena River below Dam	50	52	102
Chena River above Dam	54	31	85
Delta Clearwater	38	35	73
Goodpaster River	11	9	20
Minto Flats	18	9	27

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Table 2.98.—Page 10 of 11.

Area	Standard	Supplemental	Total
Area U. Tanana River drainages (continued)			
Nenana River drainage (excluding Brushkana Creek)	19	29	48
Piledriver Slough	16	17	33
Salcha River	27	31	58
Lower Tanana River and tributaries	6	6	12
Middle Tanana River and tributaries	16	7	23
Upper Tanana River and tributaries	6	12	18
Tangle Lakes drainage above Wildhorse Creek	42	32	74
Tok and Northway area	8	14	22
Other streams	7	12	19
Birch Lake	40	27	67
Chena Hot Springs Road Ponds	16	25	41
Chena Lake	40	41	81
Fielding Lake	9	6	15
George Lake	13	5	18
Harding Lake	11	8	19
Quartz Lake	42	31	73
Richardson Highway stocked lakes	13	10	23
Steese Ponds	9	9	18
Other lakes	44	50	94
Area V. Kuskokwim River - Kuskokwim Bay drainages			
Kuskokwim mainstem above Aniak River	8	5	13
Holitna River	8	8	16
Other Kuskokwim River drainages above Aniak River	6	15	21
Kuskokwim River drainages below Aniak River:			
Aniak River	16	17	33
Kisaralik River	10	8	18
Kwethluk River	10	5	15
Kuskokwim River drainages below Aniak River	10	11	21
Total Kuskokwim River drainages below Aniak River	46	41	87
Kuskokwim Bay drainages:			
Goodnews River	9	12	21
Kanektok River	13	26	39
Other streams and lakes in Kuskokwim Bay	7	7	14
Total Kuskokwim Bay drainages	29	45	74
Area W. Seward Peninsula-Norton Sound Drainages			
Saltwater sites	8	2	10
FRESHWATER:			
Fish and Niukluk Rivers	19	11	30
Nome River	10	8	18
Snake River	7	7	14
Unalakleet River	29	21	50
Other streams	26	19	45
Area X. Northwest Alaska Drainages			
Saltwater sites	4	3	7
FRESHWATER:			
Kobuk River drainage	11	5	16
Noatak River drainage	12	11	23
Other streams	8	6	14

-continued-

Table 2.98.—Page 11 of 11.

Area	Standard	Supplemental	Total
Area Y. Yukon River Drainages			
Yukon River drainages below Koyukuk River	16	17	33
Yukon River Drainages (Koyukuk River to Fort Yukon):			
Beaver and Nome Creeks	9	7	16
Haul Road streams and lakes accessed from Dalton Highway	17	9	26
Yukon River drainages - Fort Yukon to Koyukuk River	21	31	52
Total Yukon River drainages (Koyukuk River to Fort Yukon)	47	47	94
Yukon River drainages above Fort Yukon	3	9	12
Area Z. North Slope Brooks Range Drainages			
Sagavanirktok River	10	8	18
Other streams and lakes	23	20	43

APPENDIX A. QUESTIONNAIRES AND REMINDERS

2009 Sport Fish Survey



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Alaska Department of Fish and Game
Division of Sport Fish (RTS)
333 Raspberry Road
Anchorage, Alaska 99518
(907) 267-2280

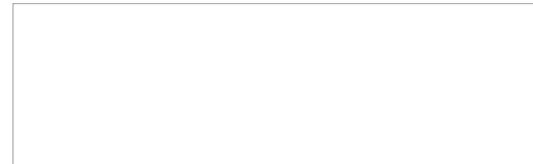
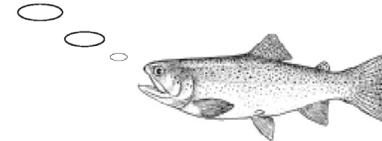
Appendix A1.—Sport fish standard survey questionnaire, 2009.

We are interested in knowing about your Alaskan fishing experiences in 2009.

Even if you did not fish in 2009, please answer the questions on page 3.

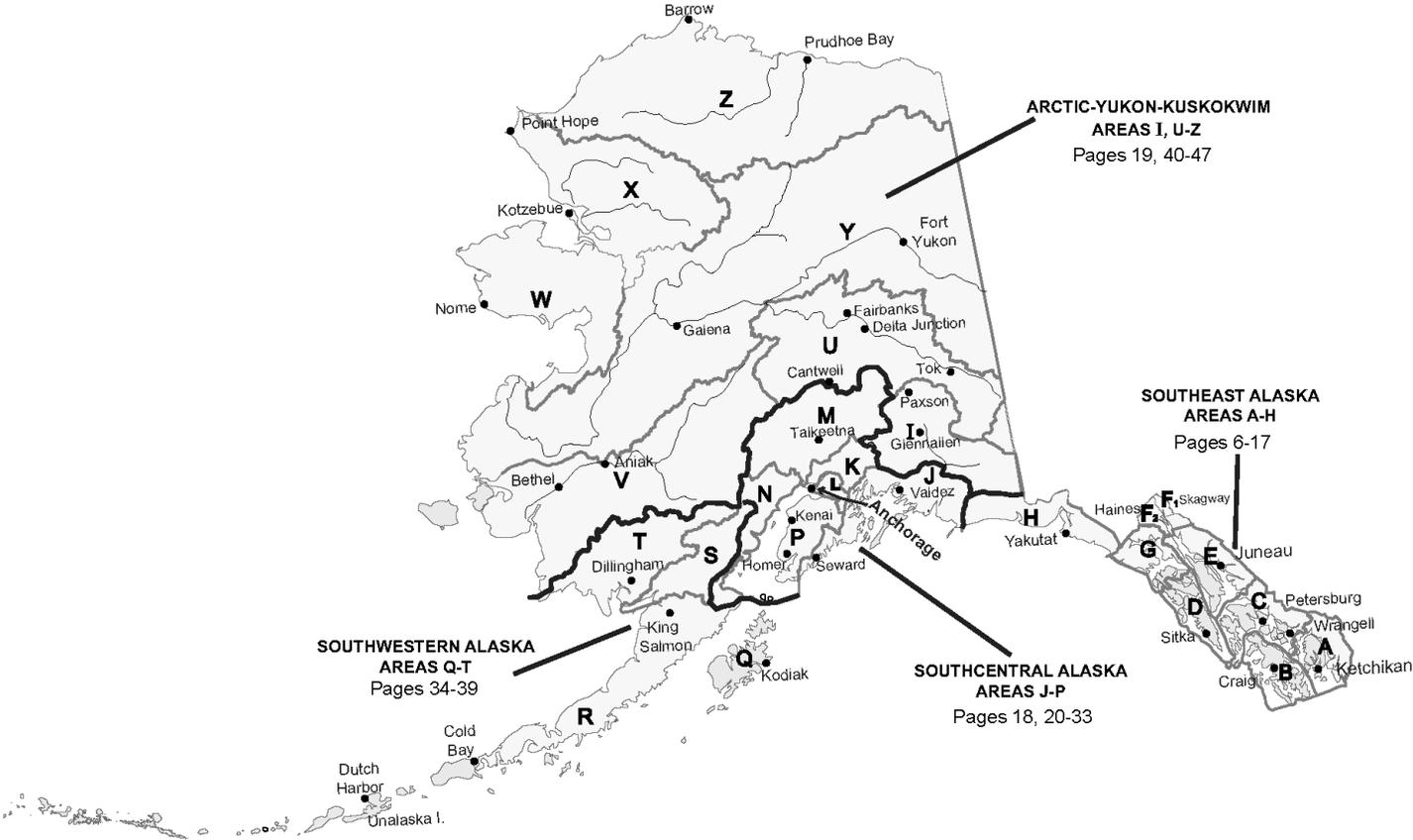
*You need only fill out the pages for areas of Alaska where you or your household members fished. We ask that you do **not** include subsistence caught fish.*

Thank-you



ALASKA SPORTFISHING AREAS

Use the map below to find the pages that apply to your household's sportfishing in 2009



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GENERAL QUESTIONS

The questions below apply to people in your household who **PURCHASED** a 2009 Alaska Sportfishing License:

- 1A. How many people in your household purchased a 2009 Alaska sportfishing license? _____
- 1B. How many people recorded in 1A (above) sport fished in Alaska in 2009? _____

The questions below apply to people in your household who **DID NOT PURCHASE** a 2009 Alaska Sportfishing License:

- 2A. How many people in your household under 16 years of age sport fished in Alaska in 2009? _____
- 2B. An Alaska resident 60 years of age and older, or an Alaska resident disabled veteran qualifies for a permanent identification card for Alaska sportfishing. How many people in your household have a permanent identification card, including those who did not sport fish in Alaska? _____
- 2C. How many people recorded in 2B (above) sport fished in Alaska in 2009? _____

The question below applies to **all people in your household** and the 2009 sportfishing season:

3. How many total people in your household sport fished in Alaska during 2009?..... _____

Please provide comments on sportfishing in Alaska during 2009:

DEFINITIONS:

Household: A household is defined as all people sharing a principal place of residence. This excludes persons renting (subletting) within a home, or relatives that live in separate homes. A person paying rent for your basement apartment is not part of your household, nor is your visiting son or daughter. Record only harvest for household members.

Personal use: Personal use fisheries are designated by the Alaska Board of Fisheries for specific areas and gear types, and are allowed only in these legally defined areas. These fisheries require an **Alaska resident** sportfishing license or Alaska Department of Fish and Game Permanent Identification card for participation, and are distinguished by the requirement that the harvest must be for personal use only. These fisheries are NOT open to non-Alaska residents.

Subsistence Fisheries: Subsistence fisheries are legally defined rural fisheries for community residents and their household only, and are based on customary and traditional use of the resource. Do not report subsistence harvest in this survey, as the Division of Sport Fish does not manage these fisheries.

INSTRUCTIONS

Period covered: January 1 through December 31, 2009.

What if your household did not sport fish in 2009? Answer the questions on page 3 and return the survey in the postage-paid envelope so we may avoid mailing you additional 2009 surveys.

What if your household did sport fish in 2009?

- Answer the questions on page 3.
- Read the instructions on page 5, referring to the example below.
- Complete the pages in this booklet that cover the areas where you or your household members fished.
- Return the survey in the postage-paid envelope.

Who to include: Report your household's sportfishing only. Do not include visiting friends or relatives.

What to include: Report all your household sport, shellfish and personal use fishing information. If you are the beneficiary (the one who keeps the fish) of a proxy, report that fishing activity as part of your household.

What to exclude: Do not report commercially caught or subsistence caught fish. A sportfishing guide should not report client information. Do not report fish caught while proxy fishing for someone outside your household. Report only your own household information.

When to reply: Return this form after completing all 2009 sportfishing, including ice fishing.

Please help reduce costs: We mail up to 2 reminders to those who do not respond. You can help reduce costs by replying promptly.

SPORT ANGLERS LIVING OUTSIDE OF THE UNITED STATES: The postage permit that we have for return mail is valid only within the United States. Because the survey helps us to offer world class fishing experiences for all anglers, we ask that you return the survey by supplying your own postage.

If you have questions about this survey, please call (907) 267-2280 or contact us via email at: dfg.dsf.publications@alaska.gov

HOW TO RECORD YOUR HOUSEHOLD'S Sportfishing: See the step by step instructions on page 5.

EXAMPLE:

A man and his wife fished together on 3 trips to the Kenai River near the Soldotna Bridge. They both fished 1 day on each of these trips, and caught a total of 4 silver salmon and kept 3. The man then fished alone on 1 additional trip for half a day (for the survey purposes, any part of a day is counted as a whole day) but he didn't catch anything on this trip.

This survey respondent should record these trips with the following information:

Number of Household Anglers = 2;
 Number of Household Trips = 4 (3 by the man and woman together, 1 by the man alone);
 Sum of Each Household Angler's Days Fished = A total of 7 (4 by the man, and 3 by the wife).

1 ▶ P4	5 ▼ No. of Household Anglers	6 ▼ No. of Household Trips	7 ▼ Sum of Each Household Angler's Days Fished	King Salmon prior to July 1		King Salmon after and inc. July 1		Silver Salmon prior to Sept 1		Silver Salmon after and inc. Sept 1		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Steel-head Trout		Rainbow Trout		Arctic Grayling	
				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT
2 ▶ KENAI AND KASILOF RIVERS NON-GUIDED						8 ▶				9 ▶																	
3 ▶ FRESHWATER NON-GUIDED	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
4 ▶ 1 Kenai River - Cook Inlet to Soldotna Bridge	2	4	7					4	3																		

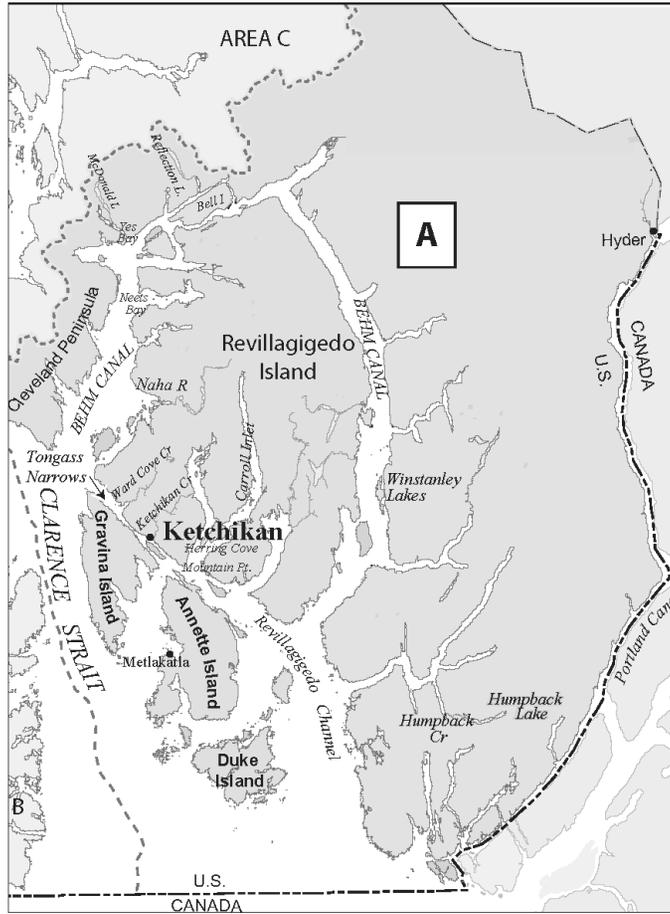
► THE ITEMS BELOW REFER TO THE EXAMPLE ON PAGE 4.

- 1 ► The survey booklet divides Alaska into areas labeled A through Z. You can use the map on page 2 to locate the area where you fished, and to determine which pages of the booklet apply to your fishing activity. Additional maps are provided throughout the book.
- 2 ► Each survey area has a named description, which is identified by a major area or drainage.
- 3 ► Area sites are divided into **saltwater** and **freshwater** listings. Some areas have specific locations to record personal use (see definition of personal use fishing on page 3) or shellfish. There are special pages for recording fishing on the Kenai and Kasilof rivers.
- 4 ► Each area has a listing of common sites where anglers fish in Alaska. If you do not find your site listed, please be sure to record the fishing site in the appropriate area page, together with the name or description of the site fished. For Freshwater, record under "other lakes" or "other streams", for Saltwater, record under "other boat" or "other shoreline".
- 5 ► **Number of Household Anglers:** Record how many members of your household fished at this site (see definition of a household on page 3).
- 6 ► **Number of Household Trips:** Record the number of trips made to this site (a trip, which may last one or more days, is a visit to a fishing location).
- 7 ► **Sum of each Household Angler's Days Fished:** Add up the **TOTAL** number of days each household member fished at this site. Count any part of a day as a whole day. If two or more anglers fished the same day, include that day in each angler's sum. Then total all anglers' days for that site. Example: If three household anglers fish two days at the same site, the sum of the household anglers' days fished = 6.
- 8 ► **Caught:** Write how many fish were caught, whether or not they were kept.
- 9 ► **Kept:** Write how many fish were kept.

Thank you! Please return the survey in the envelope provided.

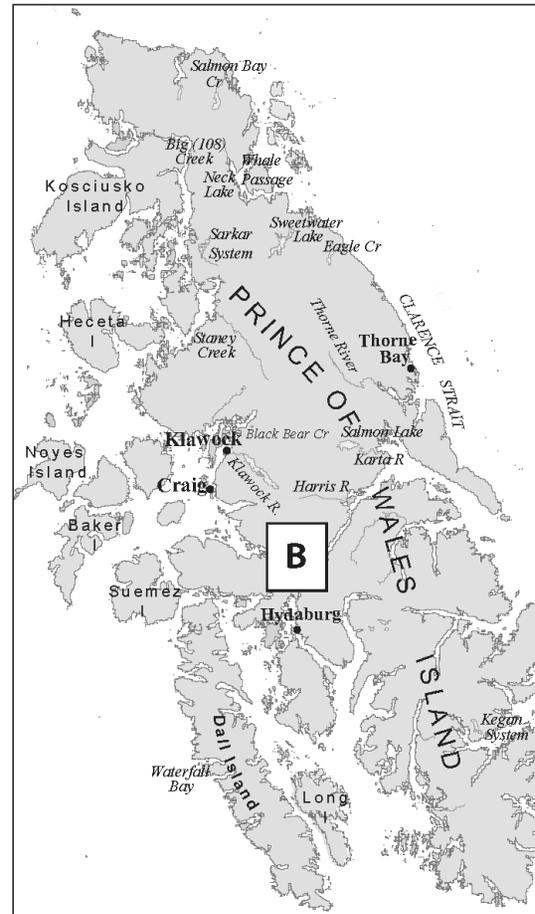
Ketchikan

Area A Page 7



Prince of Wales Island

Area B Page 8



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For map, see page 6.

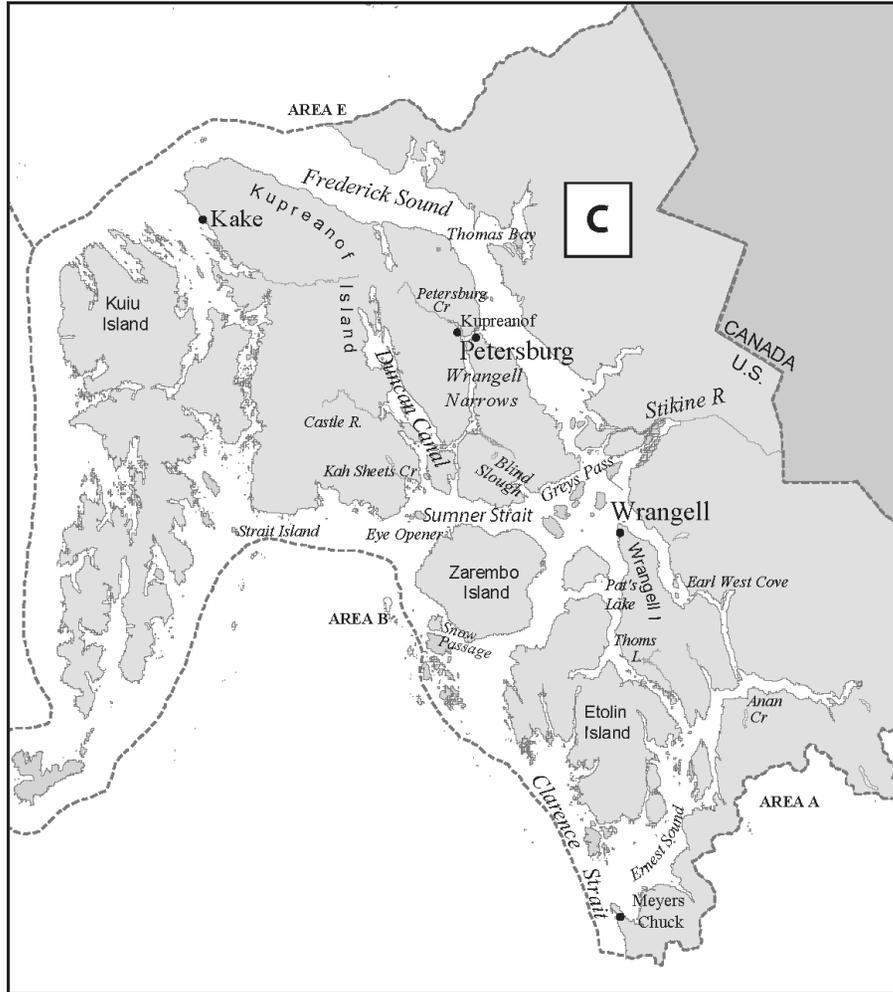
Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

B PRINCE OF WALES ISLAND AREA	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 28" and over		King Salmon less than 28"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steelhead Trout		Rainbow Trout		Cutthroat Trout		Smelt		Halibut		Lingcod		Pacific Cod		Rockfish		Other (specify)					
				C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A
				A	U	G	H	T	A	U	G	H	T	A	U	G	H	T	A	U	G	H	T	A	U	G	H	T	A	U	G	H	T	A	U	G	H	T	A
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
736 Boat - Waterfall Bay																																							
1008 Boat - Eastside Prince of Wales Island																																							
1010 Boat - Westside Prince of Wales Island																																							
1055 Shoreline - Neck Lake Outlet Fishery*																																							
9991 Other Boat sites (specify)																																							
9992 Other Shoreline sites (specify)																																							
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
216 Big (108) Creek																																							
115 Black Bear Creek																																							
120 Eagle Creek																																							
124 Harris River																																							
3 Karta River																																							
219 Kegan System (Stream, Lake)																																							
5 Klawock River																																							
191 Salmon Bay Creek																																							
243 Salmon Lake																																							
220 Sarkar System (Stream, Lake)																																							
158 Staney Creek																																							
218 Sweetwater System (Stream, Lake)																																							
217 Thorne System (Stream, Lake)																																							
9994 Other Streams (specify)																																							
9993 Other Lakes (specify)																																							

* Located within the Whale Passage area.

Kake, Petersburg, Wrangell, Stikine

Area C, Page 10



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Sitka

Area D, Page 11



For map, see page 9.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

C KAKE, PETERSBURG, WRANGELL AND STIKINE AREA	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 28" and over		King Salmon less than 28"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steelhead Trout		Rainbow Trout		Cutthroat Trout		Arctic Grayling		Smelt		Halibut		Lingcod		Rockfish		Other (specify)					
				C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A		
				U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
728 Boat - Frederick Sound (near Petersburg)																																							
1 Boat - Terminal Harvest Area near Petersburg* †																																							
720 Boat - Wrangell Narrows																																							
758 Boat - Thomas Bay																																							
906 Boat - Rest of Petersburg area																																							
3 Boat - Greys Pass/Banana Point																																							
794 Boat - Sumner Strait from Strait Island to Greys Pass**																																							
798 Boat - Snow Passage																																							
908 Boat - Wrangell Area																																							
776 Boat - Kake Area																																							
907 Shoreline - Petersburg Road System																																							
909 Shoreline - Wrangell Road System																																							
9991 Other Boat sites (specify)																																							
9992 Other Shoreline sites (specify)																																							
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
9 Anan Creek																																							
5 Blind Slough (in Wrangell Narrows)																																							
8 Castle River																																							
147 Kah Sheets Creek																																							
202 Pat's Lake (Trout Lake)																																							
10 Petersburg Creek																																							
175 Stikine River																																							
216 Thoms Creek and Lake																																							
9994 Other Streams (specify)																																							
9993 Other Lakes (specify)																																							

* Described as that portion of Wrangell Narrows, south of 56° 46' North latitude (Martinsen's Dock) and north of the latitude of the northern tip of Woewodski Island.
 ** Waters adjacent to South Mitkof Island shore (Woodpecker Cove, Station Island), Zarembo Island (Baht Harbor, Craig Pt.), and South Kupreanof Island (Kah Sheets Bay, Level islands, and Eye Opener).
 † A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.

For map, see page 9.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

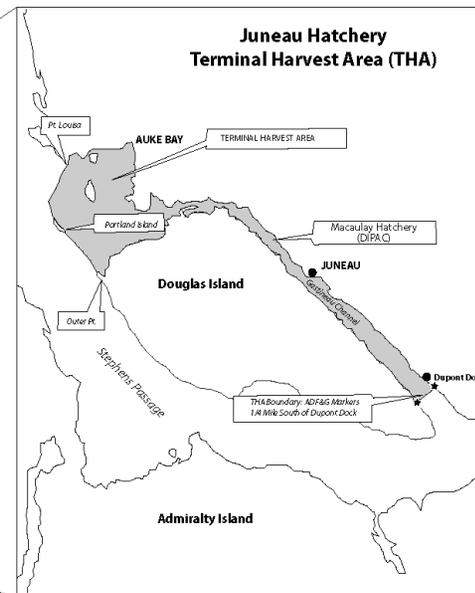
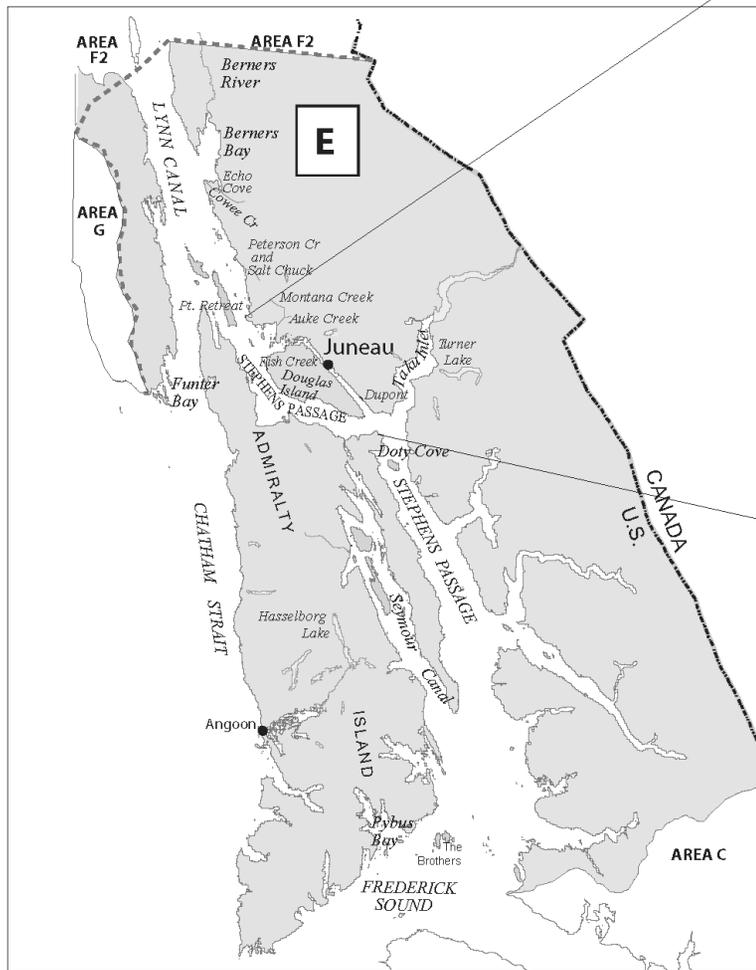
Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

D	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 28" and over		King Salmon less than 28"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steelhead Trout		Rainbow Trout		Cutthroat Trout		Brook Trout		Arctic Grayling		Smelt		Halibut		Lingcod		Rockfish		Other (specify)			
				C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K
				A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E
SITKA AREA																																							
SALTWATER				▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
724	Boat - Sitka Sound (specify)																																						
13	Boat - Silver Bay																																						
850	Boat - Hidden Falls																																						
1053	Shoreline - Sitka Road System																																						
1044	Boat - Outer Coast Kruzof Island																																						
766	Boat - Salisbury Sound																																						
1050	Boat - West Chichagof Island																																						
1046	Boat - Tenakee area																																						
1048	Boat - East side Baranof Island																																						
9991	Other Boat sites (specify)																																						
9992	Other Shoreline sites (specify)																																						
FRESHWATER				▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
186	Baranof lake or stream																																						
8	Eva lake or stream																																						
231	Plotnikof lake or stream																																						
232	Rezanof drainage (lakes, streams)																																						
148	Salmon Lake																																						
14	Sitkoh lake or stream																																						
9994	Other Streams (specify)																																						
9993	Other Lakes (specify)																																						

Juneau
Area E, Page 13



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For map, see page 12.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

E	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 28" and over		King Salmon less than 28"		Silver Salmon		Land-locked Kings, Silvers		Red Salmon	Pink Salmon		Chum Salmon	Dolly Varden		Steel-head Trout		Rainbow Trout		Cut-throat Trout		Smelt		Halibut		Lingcod		Pacific Cod		Rockfish		Other (specify)				
				C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	
				U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H
JUNEAU AREA																																						
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
956 Boat - Terminal Harvest Area (THA)*†																																						
1000 Boat - Saltwater near Juneau (Lower Lynn Canal to Pt. Couverden, Favorite Channel, and upper Stephens Passage to Doty Cove, excluding THA)																																						
754 Boat - Lower Stephens Passage area (south of Doty Cove)																																						
758 Boat - Angoon Area																																						
923 Shoreline - Auke Creek mouth																																						
939 Shoreline - Macaulay Hatchery																																						
3 Shoreline - Other Juneau Road system																																						
9991 Other Boat sites (specify)																																						
9992 Other Shoreline sites (specify)																																						
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
143 Fish Creek (Douglas Island)																																						
175 Peterson Creek and Salt Chuck																																						
211 Twin Lakes																																						
168 Montana Creek including mouth																																						
213 Cowee Creek (near Echo Cove)																																						
6 Other Juneau Road System																																						
9 Hasselborg Lake																																						
11 Turner Lake																																						
9994 Other Streams (specify)																																						
9993 Other Lakes (specify)																																						

* Described as marine waters east of a line from Pt. Louisa to the eastern shore of Portland Island, to the north tip of Outer Point on Douglas Island and the waters west of Dupont. See map page 12.

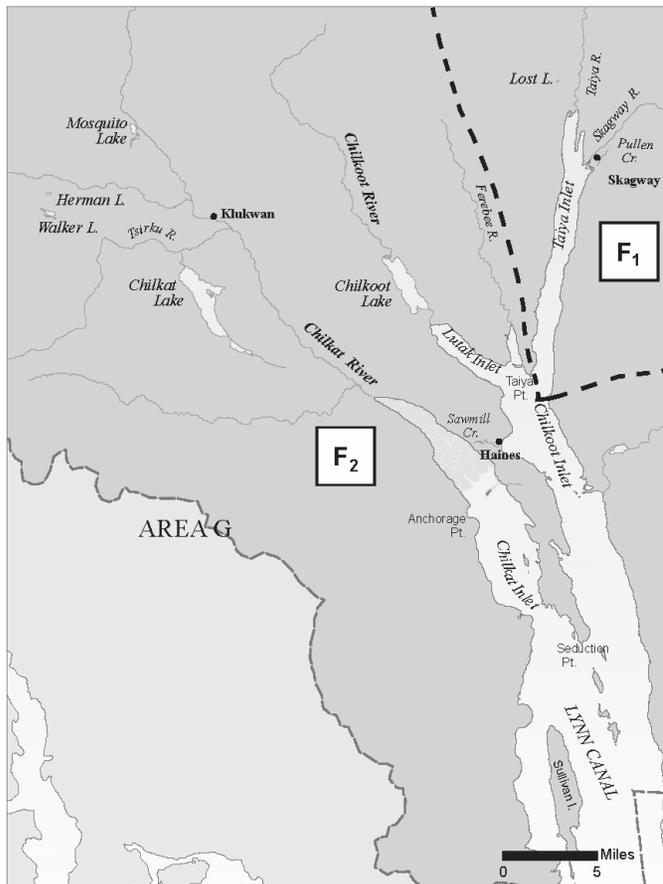
† Aterminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.

Skagway

Area F1 Page 15

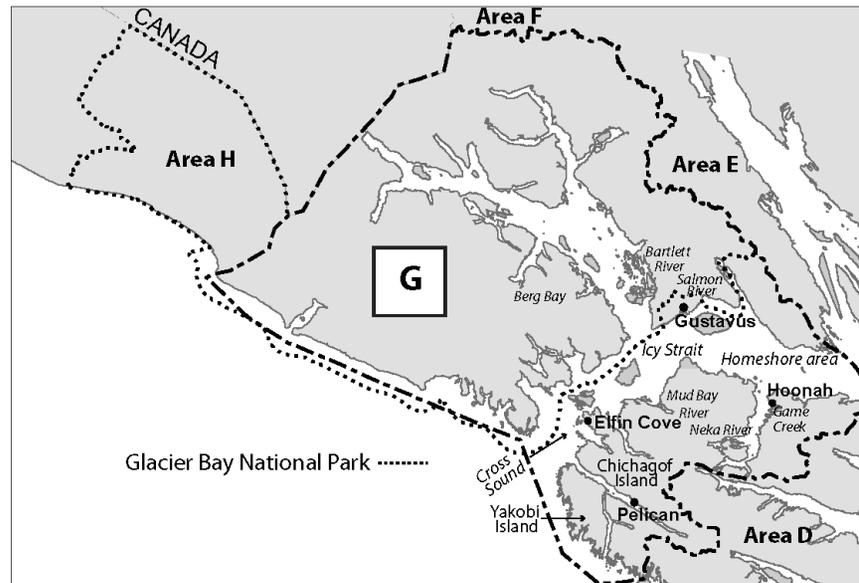
Haines

Area F2 Page 15



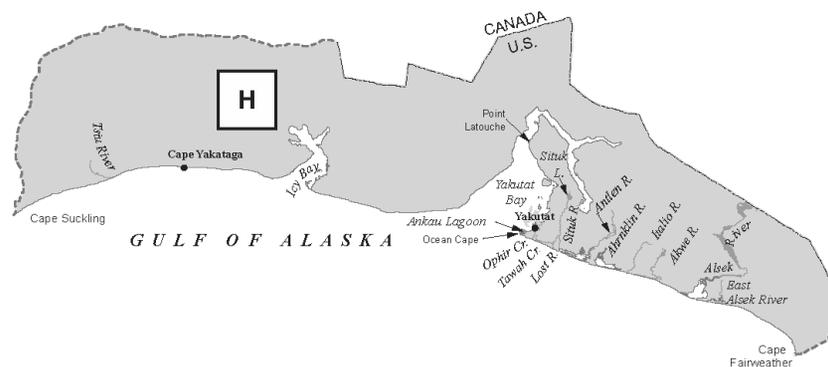
Glacier Bay

Area G Page 16



Yakutat

Area H Page 17



For map, see page 14.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

F1	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 28" and over	King Salmon less than 28"	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Dolly Varden	Steelhead Trout	Rainbow Trout	Cutthroat Trout	Brook Trout	Arctic Grayling	Halibut	Lingcod	Pacific Cod	Rockfish	Other (specify)			
				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT
				▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
SKAGWAY AREA																							
SALTWATER																							
FRESHWATER																							
F2																							
HAINES AREA																							
SALTWATER																							
FRESHWATER																							

For map, see page 14.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

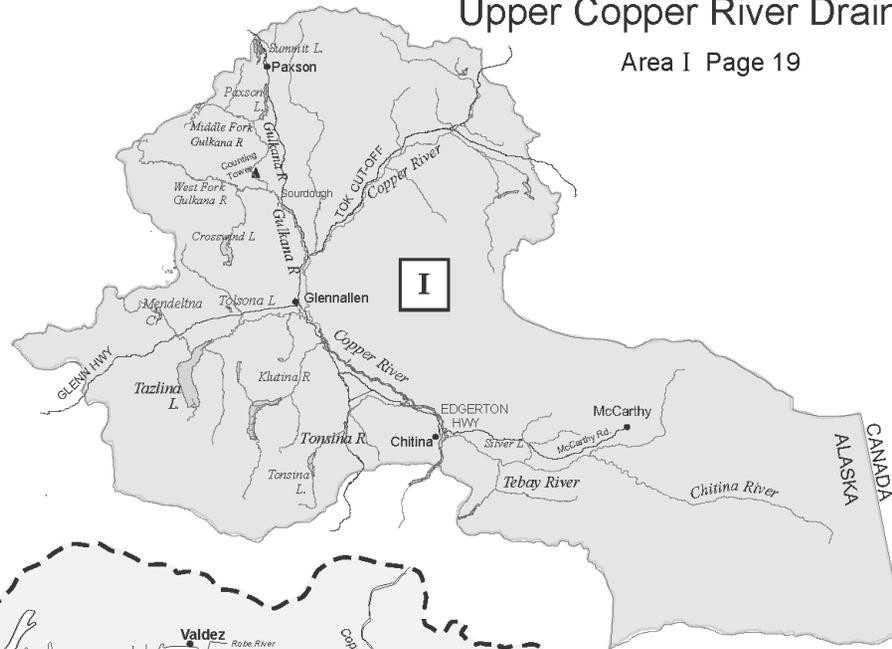
H YAKUTAT AREA	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Large King Salmon ¹		Small King Salmon ¹		Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Dolly Varden	Steelhead Trout	Rainbow Trout	Cutthroat Trout	Northern Pike	Smelt	Halibut	Lingcod	Pacific Cod	Rockfish	Other (specify)			
				C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K
				A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E	A	E
SALTWATER																									
724																									
750																									
725																									
751																									
9991																									
9992																									
FRESHWATER																									
135																									
117																									
120																									
148																									
149																									
134																									
9994																									
9993																									

***KING SALMON SIZE CATEGORIES**
Saltwater: "Large" King Salmon are 28 inches and over; "Small" King Salmon are under 28 inches;
Freshwater: "Large" King Salmon are 20 inches and over; "Small" King Salmon are under 20 inches.

* The Situk River weir is located near the river mouth, approximately 1.5 miles above the Situk Landing.

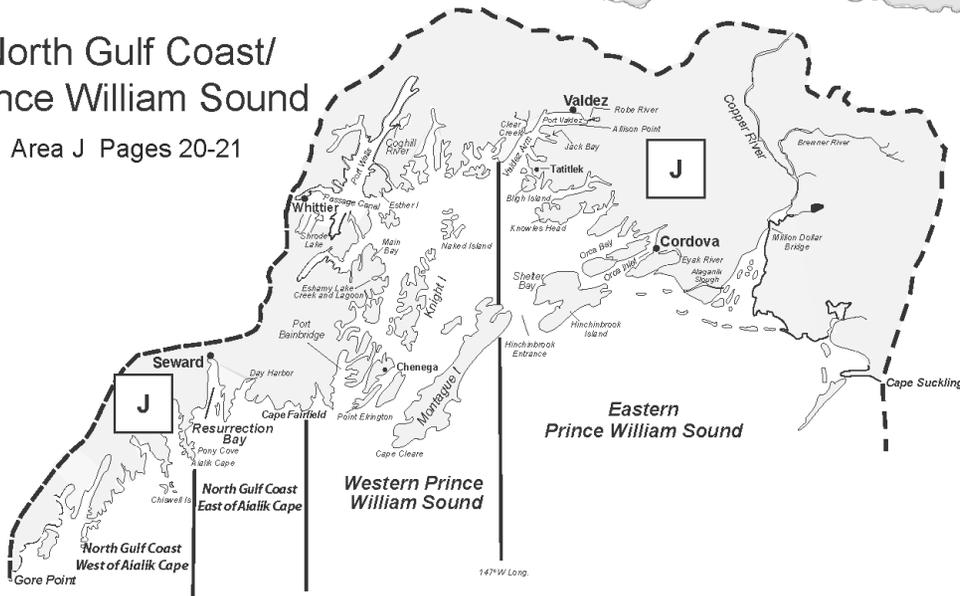
Upper Copper River Drainage

Area I Page 19



North Gulf Coast/ Prince William Sound

Area J Pages 20-21



173

For map, see page 18.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

J	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Dolly Varden/ Arctic Char	Steel-head Trout	Cut-throat Trout	Halibut	Shark	Rockfish	Lingcod	Pacific Cod	Shrimp (Gallons)	Other (specify)				
				C	A	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K
				U	G	U	E	U	E	U	E	U	E	U	E	U	E	U	E	U	E	U	E	U	E
Boat Trip ENDED in SEWARD. Fish were caught in the site indicated below:																									
1101	Resurrection Bay																								
1105	North Gulf Coast West of Aialik Cape																								
1106	North Gulf Coast East of Aialik Cape																								
1103	Western Prince William Sound																								
1104	Other Boat site (specify)																								
Boat Trip ENDED in WHITTIER, CHENEGA, or other site in western PRINCE WILLIAM SOUND. Fish were caught in the site indicated below:																									
1201	Western Prince William Sound																								
1202	Eastern Prince William Sound																								
1203	Other Boat site (specify)																								
Boat Trip ENDED in VALDEZ. Fish were caught in the site indicated below:																									
1301	Western Prince William Sound																								
1302	Eastern Prince William Sound																								
1305	Valdez Arm																								
1303	Other Boat site (specify)																								
Boat Trip ENDED in CORDOVA, or other site in eastern PRINCE WILLIAM SOUND. Fish were caught in the site indicated below:																									
1401	Western Prince William Sound																								
1402	Eastern Prince William Sound																								
1403	Other Boat site (specify)																								
Boat Trip ENDED in location OTHER than those listed above. Fish were caught in the site indicated below:																									
9991	Other site (specify)																								

Please note: North Gulf Coast/Prince William Sound is continued on next page.

For map, see page 18.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

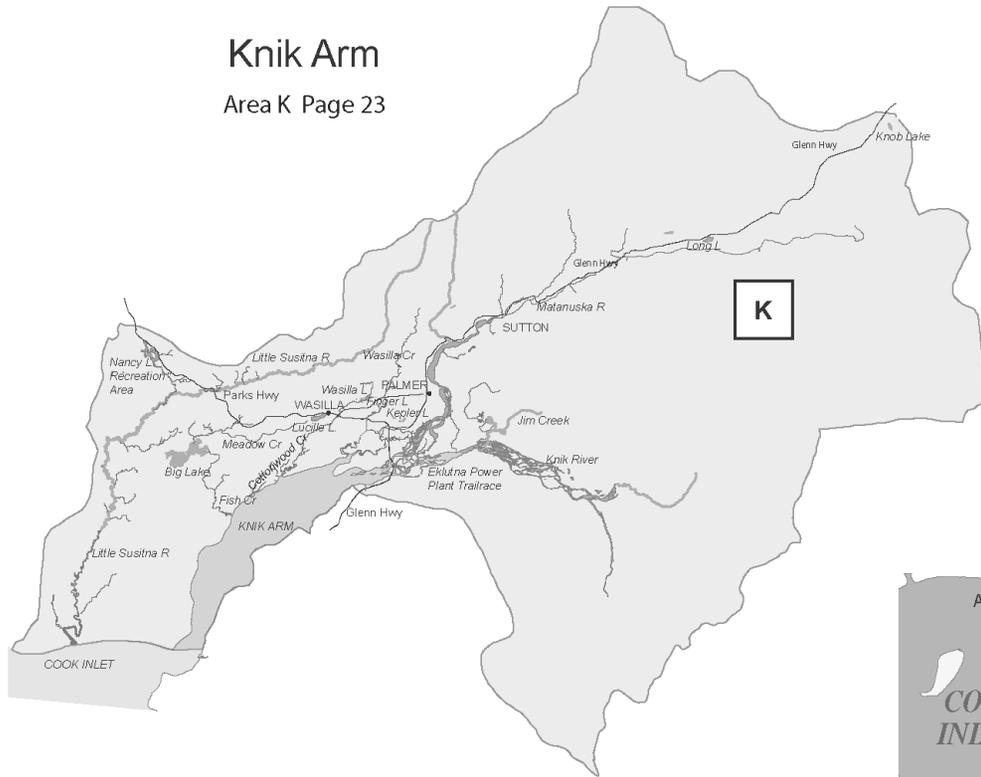
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

J	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden/ Arctic Char		Steel-head Trout		Rainbow Trout		Cut-throat Trout		Arctic Grayling		Hailbut		Shark		Rockfish		Lingcod		Hard Shell Clams (gallons)		Shrimp (gallons)		Other (specify)		
				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	
SALTWATER FISHING FROM SHORE																																						
727																																						
831																																						
747																																						
1008																																						
759																																						
729																																						
9992																																						
FRESHWATER																																						
5																																						
307																																						
7																																						
114																																						
222																																						
308																																						
12																																						
9994																																						
9993																																						

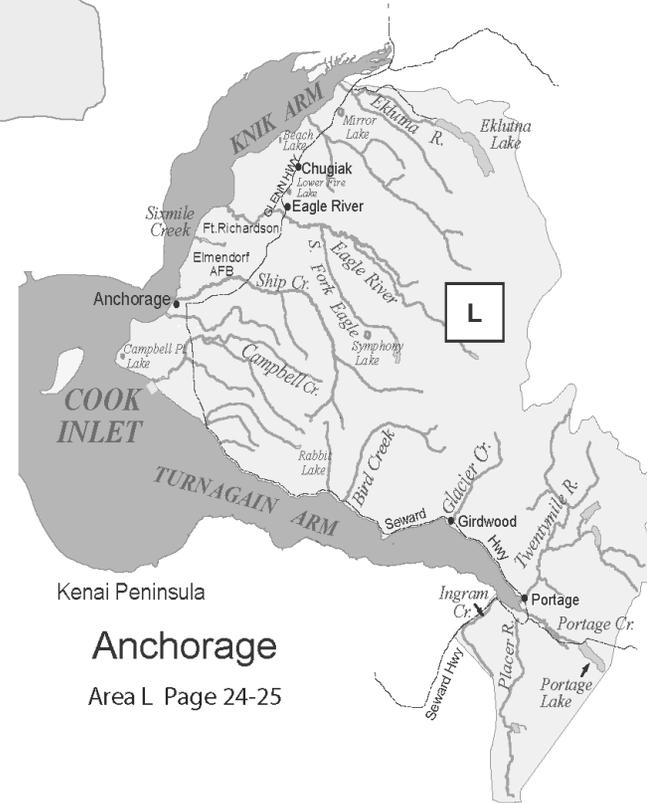
176

Knik Arm

Area K Page 23



177



Kenai Peninsula

Anchorage

Area L Page 24-25

For map, see page 22.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

K	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Sea-run King Salmon 20" or longer		Sea-run King Salmon less than 20"		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Rainbow Trout		Arctic Grayling		Whitefish		Northern Pike		Burbot		Smelt		Other (specify)			
				C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K
				A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U
KNIK ARM AREA																																					
SALTWATER																																					
1																																					
Boat - Fish Creek Area																																					
9991																																					
Other Boat sites (specify)																																					
9992																																					
Shoreline sites (specify)																																					
FRESHWATER																																					
12																																					
Big Lake																																					
7																																					
Cottonwood Creek																																					
14																																					
Eklutna Power Plant Raceway																																					
9																																					
Finger Lake																																					
234																																					
Fish Creek, Big Lake Drainage																																					
10																																					
Kepler Lake Complex* (specify)																																					
5																																					
Knik R & tributaries (inc. Jim Creek)																																					
4																																					
Little Susitna River																																					
221																																					
Long Lake (Mile 85 Glenn Hwy)																																					
11																																					
Lucille Lake																																					
6																																					
Wasilla Creek (Rabbit Slough)																																					
8																																					
Wasilla Lake																																					
9994																																					
Other Streams (specify)																																					
9993																																					
Other Lakes** (specify)																																					
NANCY LAKE RECREATION AREA FISHING SITES																																					
13																																					
Nancy Lake																																					
241																																					
South Rolly Lake																																					
244																																					
Other fishing sites within Nancy Lake Recreation area (specify)																																					

* Kepler Lake Complex includes Bradley, Canoe, Echo, Irene, Kepler, Klaire, Matanuska, Silver, and Victor lakes, and Long Lake (catch and release).

** If Long Lake, please specify location (either in Kepler Lakes Complex, at Mile 85 Glenn Highway, in the Willow area, or in the Big Lake area).

K1			No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Red Salmon	Other (specify)
FISH CREEK PERSONAL USE DIPNET FISHERY						K E P T	K E P T
9000	Fish Creek (Big Lake Drainage) Personal Use dipnetting						

For map, see page 22.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

L	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Sea-run King Salmon 20" or longer		Sea-run King Salmon less than 20"		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden/ Arctic Char		Rainbow Trout		Arctic Grayling		Northern Pike		Whitefish		Smelt		Other (specify)								
				C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K					
				A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U			
ANCHORAGE AREA																																						
SALTWATER																																						
9991																																						
9992 Boat sites (specify)																																						
9992 Shoreline sites (specify)																																						
FRESHWATER																																						
ANCHORAGE AREA LAKES																																						
4																																						
20																																						
23																																						
138																																						
3																																						
215																																						
5																																						
24																																						
9993																																						
EAGLE RIVER/CHUGIAK LAKES																																						
21																																						
139																																						
6																																						
7																																						
228																																						
302																																						

Please note: Anchorage Area Freshwater is continued on next page.

For map, see page 22.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

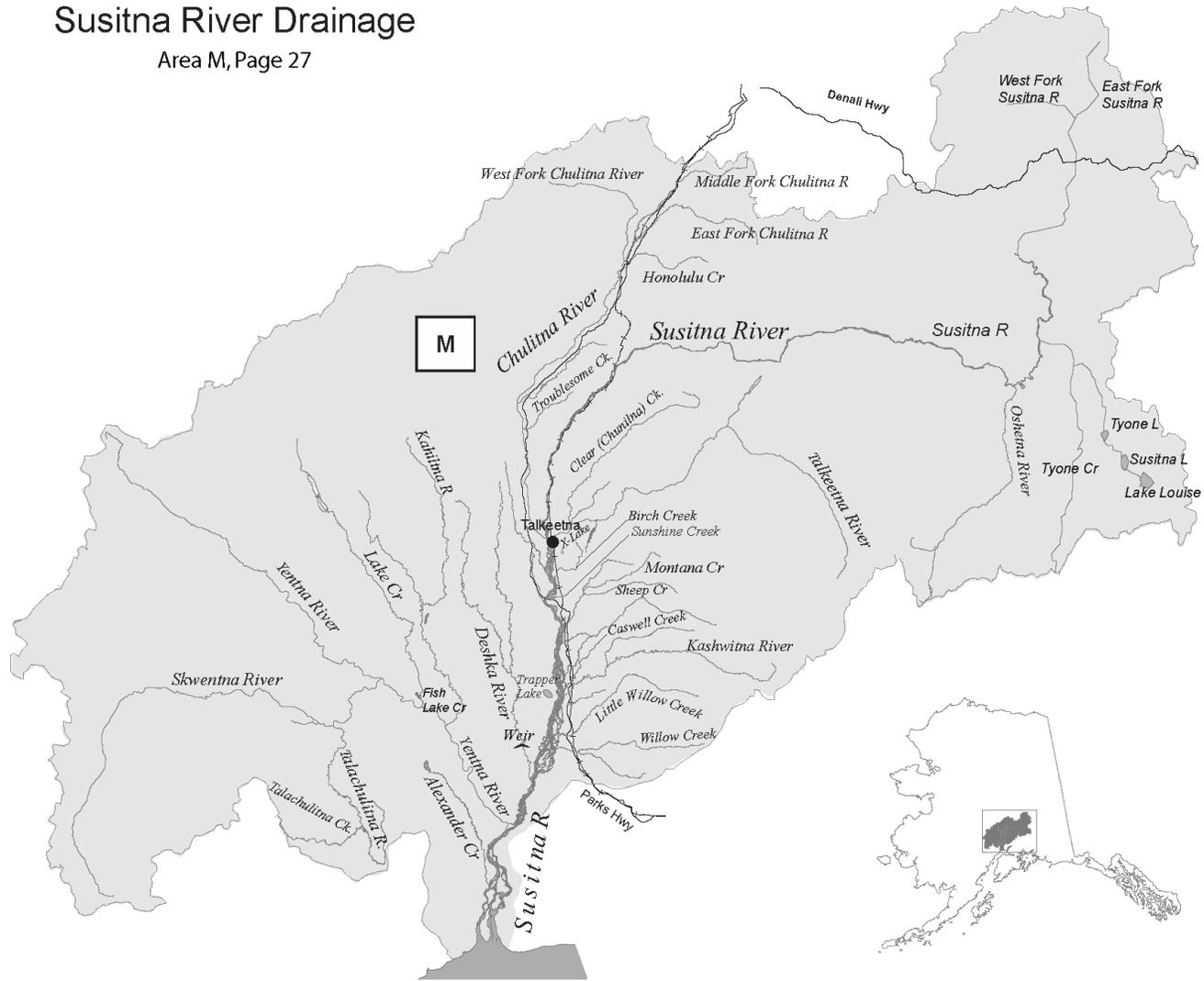
For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

L	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Sea-run King Salmon 20" or longer		Sea-run King Salmon less than 20"		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden/ Arctic Char		Rainbow Trout		Arctic Grayling		Northern Pike		Whitefish		Smelt		Other (specify)			
				C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K
				AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT	AUGHT	EPPT
ANCHORAGE AREA (Continued)																																	
FRESHWATER																																	
TURNAGAIN ARM LAKES																																	
226																																	
223																																	
227																																	
229																																	
ELMENDORF AIR FORCE BASE LAKES																																	
22																																	
12																																	
13																																	
11																																	
188																																	
19																																	
FORT RICHARDSON LAKES																																	
9																																	
210																																	
10																																	
8																																	
208																																	
ANCHORAGE AREA STREAMS																																	
14																																	
15																																	
16																																	
17																																	
218																																	
18																																	
9994																																	

Susitna River Drainage

Area M, Page 27



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For map, see page 26.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

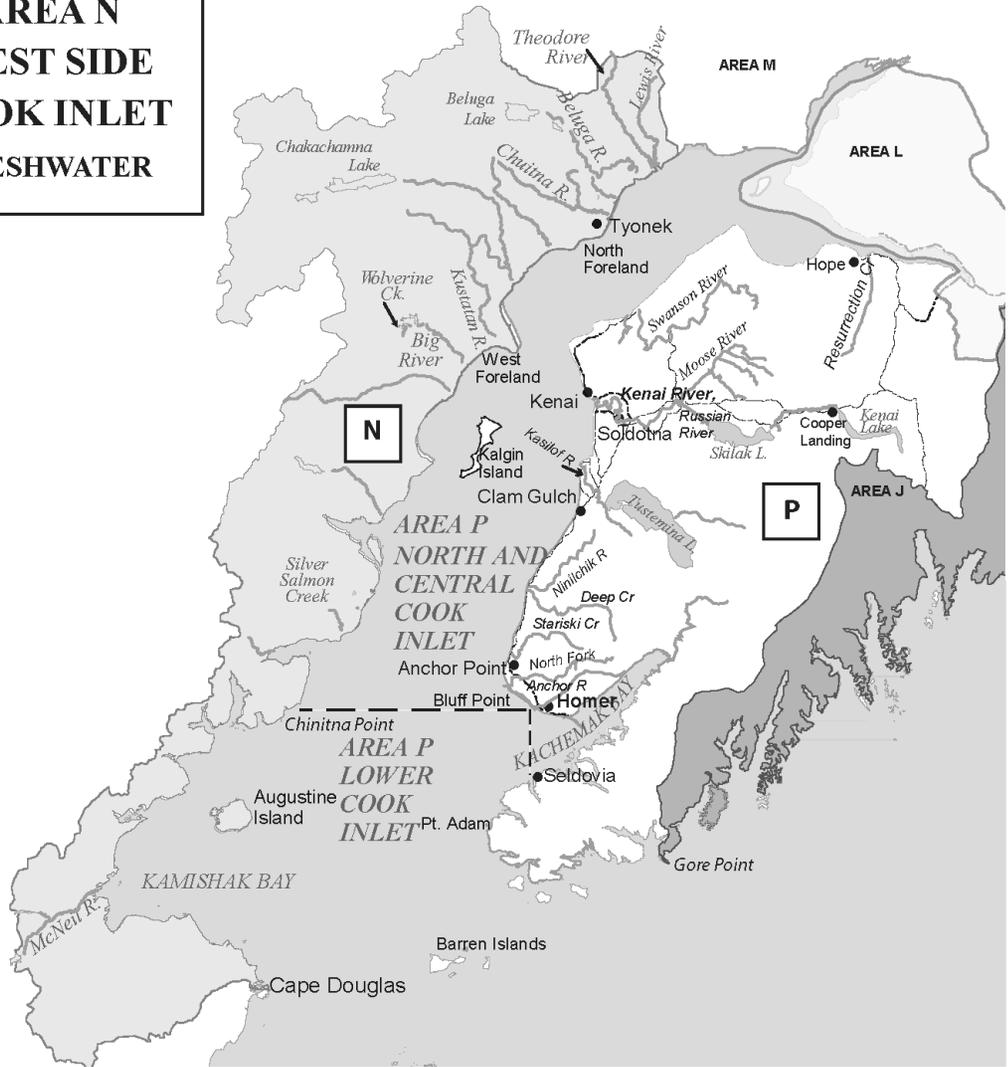
For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS

M SUSITNA RIVER DRAINAGE	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Sea-run King Salmon 20" or longer		Sea-run King Salmon less than 20"		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon	Lake Trout		Dolly Varden/ Arctic Char		Rainbow Trout	Arctic Grayling		Whitefish		Northern Pike		Burbot		Other (specify)					
				C	K	C	K	C	K	C	K	C	K	C	K		C	K	C	K		C	K	C	K	C	K	C	K	C	K	C	K	C	K
				AUG	HT	HT	HT	AUG	HT	AUG	HT	AUG	HT	AUG	HT		AUG	HT	AUG	HT		AUG	HT	AUG	HT	AUG	HT	AUG	HT	AUG	HT	AUG	HT	AUG	HT
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼				
1117 Alexander Creek																																			
1118 Alexander Lake																																			
117 Birch Creek																																			
5 Caswell Creek																																			
8 Clear (Chunilna) Creek																																			
1347 Deshka River above weir (above river mile 7)																																			
1348 Deshka River below weir (below river mile 7)																																			
1171 Fish Lake Cr & Fish Lakes (Yentna drainage)																																			
138 Goose Creek																																			
143 Kashwitna River																																			
1004 Lake Creek																																			
3010 Lake Louise																																			
10 Little Willow Creek																																			
6 Montana Creek																																			
9 Sheep Creek																																			
1239 Skwentna River																																			
7 Sunshine Creek																																			
3011 Susitna Lake																																			
1251 Susitna River																																			
1007 Talachulitna River																																			
170 Talkeetna River																																			
1262 Trapper Lake																																			
181 Troublesome Creek																																			
3295 Tyone Creek																																			
4 Willow Creek																																			
1277 Yentna River																																			
9993 Other Lakes (specify):																																			
9994 Other Streams (specify):																																			

**AREA N
WEST SIDE
COOK INLET
FRESHWATER**

**AREA P
KENAI PENINSULA/
COOK INLET**
FOR MAP OF KENAI RIVER
SEE PAGE 32
*(Does NOT include Resurrection
Bay; see Page 21, area J).*



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For map, see page 28.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

P _{1,6} NORTHERN and CENTRAL COOK INLET SALTWATER	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon through June 24		King Salmon after June 24		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden/ Arctic Char		Steel-head Trout		Smelt		Halibut		Shark		Rockfish		Lingcod		Pacific Cod		Other (specify)			
				C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A
				U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G
CHARTER BOAT SALTWATER (P6)	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼			
980 Cook Inlet area north of Bluff Point including saltwaters by Anchor River, Whiskey Gulch, Deep Creek and Ninilchik River; and West side Cook Inlet north of Chinitna Point																																			
PRIVATE BOAT SALTWATER (P1)	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼			
980 Cook Inlet area north of Bluff Point including saltwaters by Anchor River, Whiskey Gulch, Deep Creek and Ninilchik River; and West side Cook Inlet north of Chinitna Point																																			
FISHING FROM SHORE SALTWATER (P1)	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼			
981 Shoreline saltwater fishing north of Bluff Point (specify)																																			
P _{1,6} LOWER COOK INLET AND KACHEMAK BAY SALTWATER	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon Summer Fishery*		King Salmon Winter Fishery**		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden/ Arctic Char		Steel-head Trout		Smelt		Halibut		Shark		Rockfish		Lingcod		Pacific Cod		Other (specify)			
C				A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A			
U				G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	U	G	
CHARTER BOAT SALTWATER (P6)	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼			
796 Kachemak Bay (including Bluff Point area to Seldovia)																																			
952 Lower Cook Inlet sites west of Gore Point and Kachemak Bay (not including Kachemak Bay)																																			
PRIVATE BOAT SALTWATER (P1)	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼			
796 Kachemak Bay (including Bluff Point area to Seldovia)																																			
952 Lower Cook Inlet sites west of Gore Point and Kachemak Bay (not including Kachemak Bay)																																			
FISHING FROM SHORE SALTWATER (P1)	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼			
823 Homer Spit Shoreline																																			
991 Other Shoreline saltwater fishing sites (specify)																																			

* Summer king salmon fishery occurs April 1 through September 30.

** Winter king salmon fishery occurs January 1 through March 31 and October 1 through December 31.

Please note: Kenai Peninsula Area Freshwater is on next page.

For map, see page 28.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

For Kenai and Kasilof rivers sportfishing, see pages 32-33.

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS

P ₀	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Sea-run King Salmon 20" or longer		Sea-run King Salmon less than 20"		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon prior to and inc. July 15		Red Salmon after July 15		Red Salmon	Pink Salmon	Chum Salmon	Lake Trout	Dolly Varden/ Arctic Char	Steelhead Trout	Rainbow Trout	Arctic Grayling	Whitefish	Northern Pike	Burbot	Smelt	Other (specify)							
				C	A	C	A	C	A	C	A	C	A	C	A													C	A	C	A	C	A		
				U	G	H	T	U	G	H	T	U	G	H	T													U	G	H	T	U	G	H	T
OTHER FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼			
5 Anchor River																																			
147 Crescent Lake																																			
7 Deep Creek																																			
12 Hidden Lake																																			
6 Ninilchik River																																			
218 Quartz Creek																																			
261 Resurrection Creek (near Hope)																																			
9 Russian River**																																			
226 Sixmile Creek Drainage***																																			
228 Skilak Lake																																			
8 Stariski Creek																																			
15 Swan Lake Canoe System																																			
334 Swanson River																																			
14 Swanson River Canoe Route Lakes																																			
244 Tustumena Lake																																			
9994 Other Streams (specify)																																			
9993 Other Lakes (specify)																																			

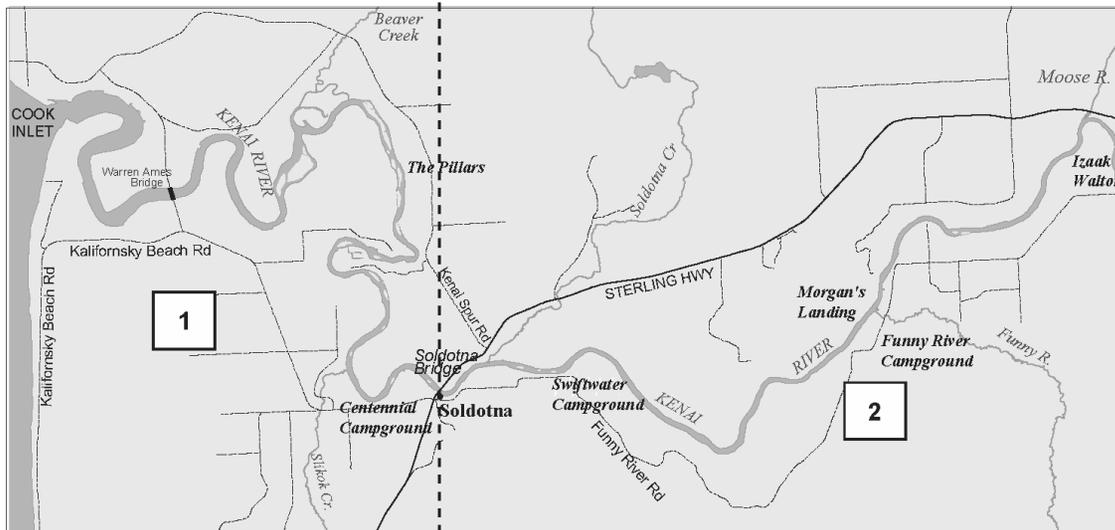
* Red Salmon dates only apply to Russian River; record all other red salmon in next column.

** Include all fishing in the 1,800 yard section of the Kenai River immediately downstream from the Russian River.

*** Including Sixmile, Granite, East Fork and Canyon Creeks.

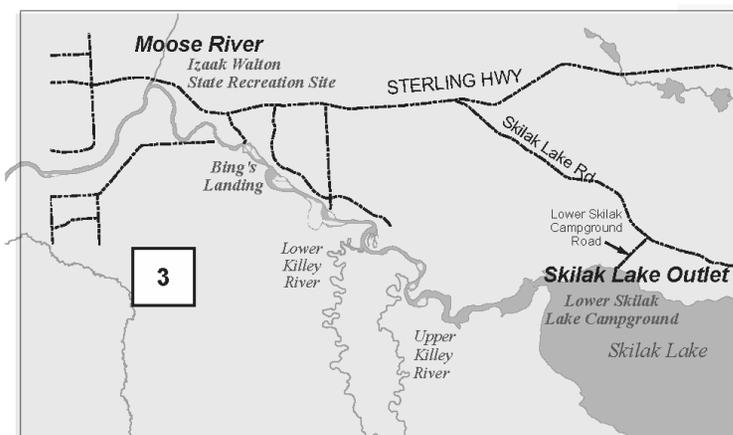
P ₃	No. of Household Anglers	No. of Household Trips	Sum of Household Angler's Days Fished	Sea-run King Salmon		Sea-run Silver Salmon		Red Salmon	Pink Salmon	Chum Salmon	Other (specify)			
				K	E	K	E				K	E	K	E
				P	T	P	T				P	T	P	T
NET FISHERIES	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼		
9001 China Poot (dipnet)														
9002 Kenai River (dipnet)														
9003 Kasilof River (dipnet)														
9007 Kasilof River (gillnet)														

AREA P KENAI RIVER FISHING SITES

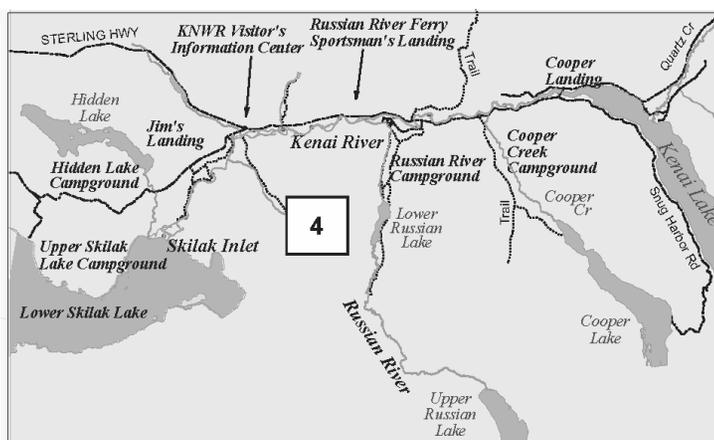


Area Code Letter P
Site No.1 - Cook Inlet to Soldotna Bridge

Area Code Letter P
Site No. 2 - Soldotna Bridge to Moose River



Area Code Letter P
Site No. 3 Kenai River - Moose River to Skilak Outlet



Area Code Letter P
Site No. 4 Kenai River - Skilak Inlet to Kenai Lake

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Please note: Kenai River fishing sites are on next page.

For map, see page 32.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

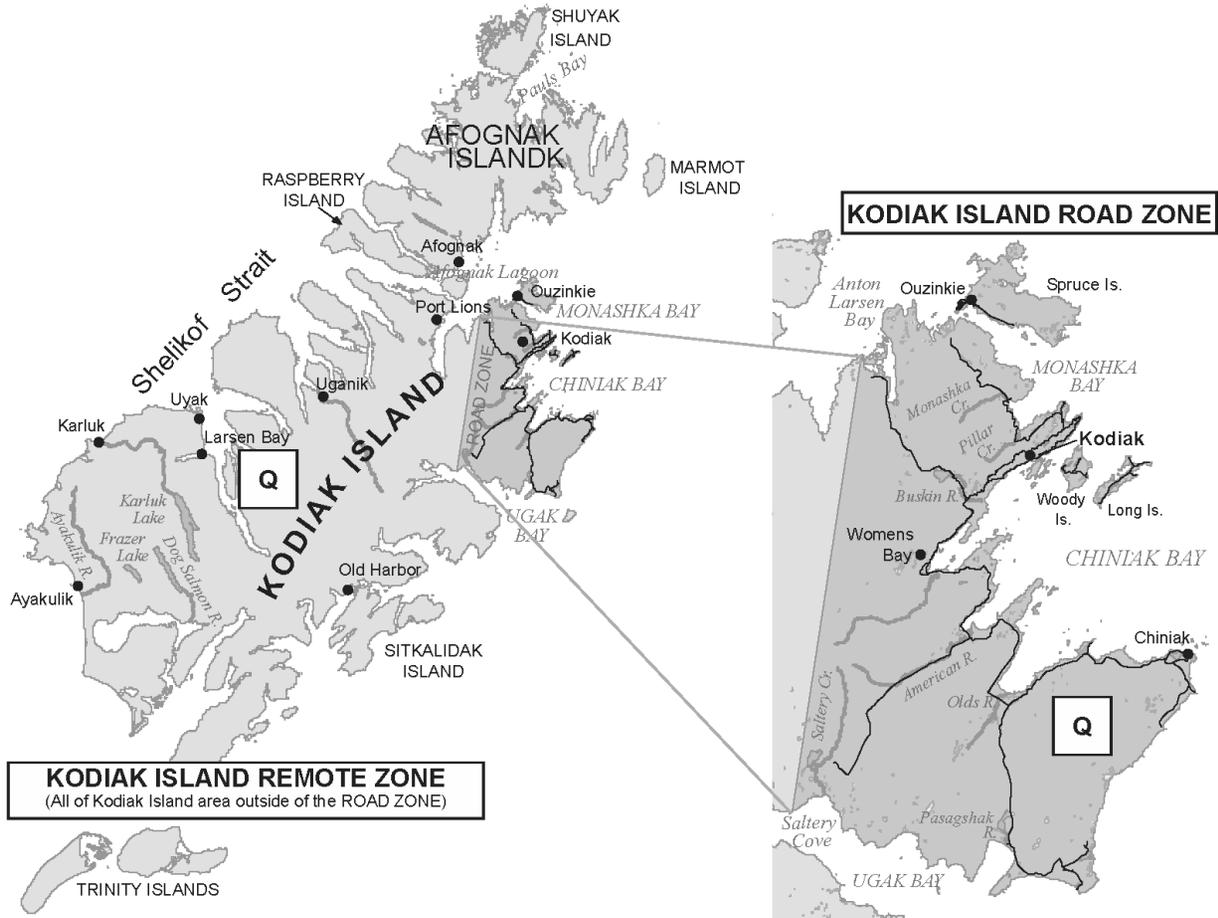
P4 KENAI AND KASIOF RIVERS NON-GUIDED	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon prior to July 1		King Salmon after and inc. July 1		Silver Salmon prior to Sept 1		Silver Salmon after and inc. Sept 1		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Steel-head Trout		Rainbow Trout		Arctic Grayling		Whitefish		Northern Pike		Smelt		Other (specify)		
				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	
				FRESHWATER NON-GUIDED	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
1 Kenai River - Cook Inlet to Soldotna Bridge																																				
2 Kenai River - Soldotna Bridge to Moose River																																				
3 Kenai River - Moose River to Skilak Outlet																																				
4 Kenai River - Skilak Inlet to Kenai Lake																																				
500 Kaslof River Bank Fishing																																				
600 Kaslof River Boat Fishing																																				

P5 KENAI AND KASIOF RIVERS GUIDED	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon prior to July 1		King Salmon after and inc. July 1		Silver Salmon prior to Sept 1		Silver Salmon after and inc. Sept 1		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Steel-head Trout		Rainbow Trout		Arctic Grayling		Whitefish		Northern Pike		Smelt		Other (specify)		
				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	
				FRESHWATER GUIDED	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
1 Kenai River - Cook Inlet to Soldotna Bridge																																				
2 Kenai River - Soldotna Bridge to Moose River																																				
3 Kenai River - Moose River to Skilak Outlet																																				
4 Kenai River - Skilak Inlet to Kenai Lake																																				
500 Kaslof River Bank Fishing																																				
600 Kaslof River Boat Fishing																																				

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Kodiak

Area Q, Page 35

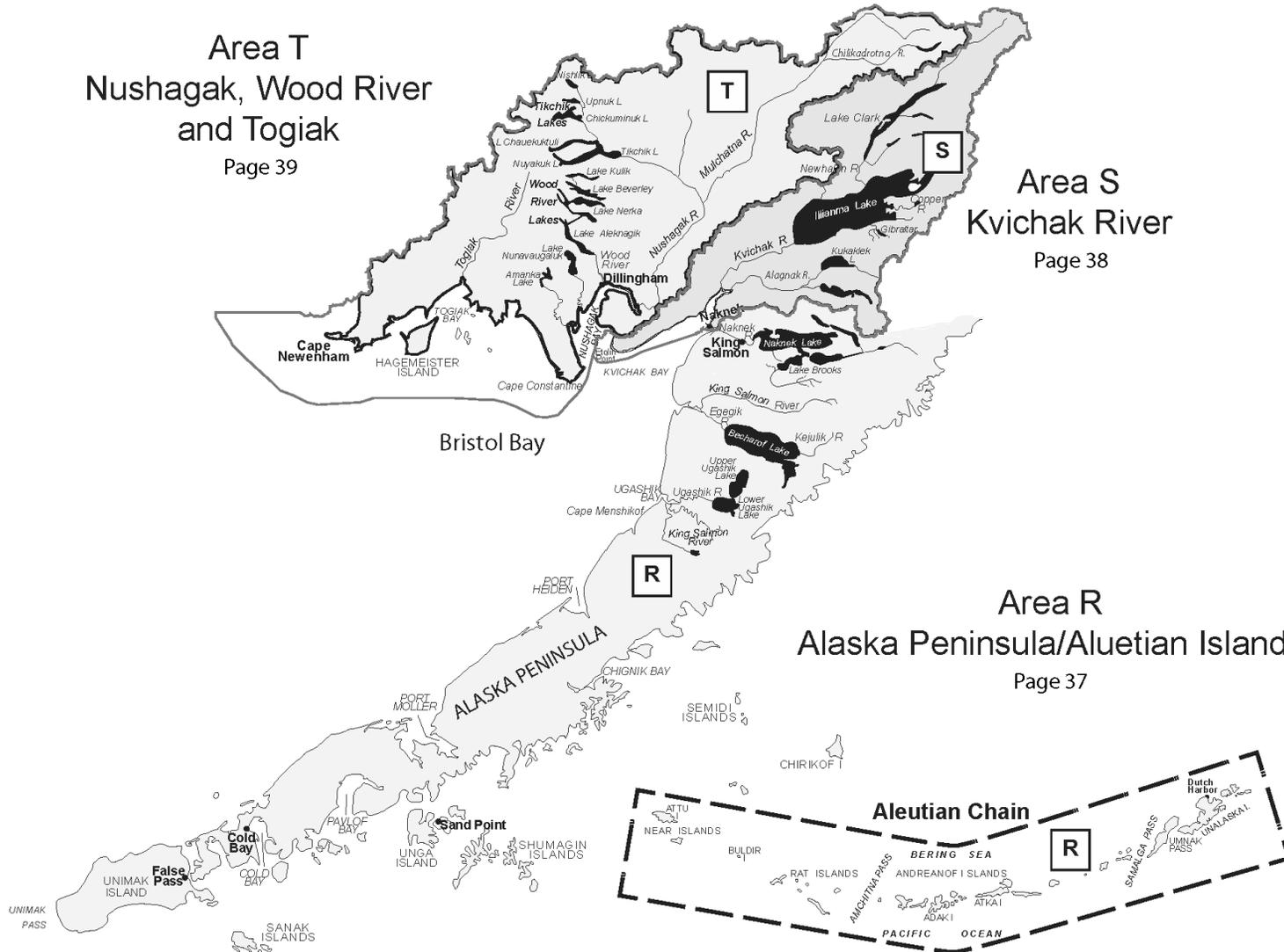


SOUTHWEST ALASKA - AREAS R-T

Area T
Nushagak, Wood River
and Togiak
Page 39

Area S
Kvichak River
Page 38

Area R
Alaska Peninsula/Aluetian Islands
Page 37



For map, see page 36.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

R	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Rainbow Trout		Arctic Grayling		Northern Pike		Burbot		Smelt		Halibut		Rockfish		Lingcod		Pacific Cod		Other (specify)																				
				C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A																	
				U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T											
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼														
1 Boat - Cold Bay Area																																																										
756 Boat - Unalaska Bay																																																										
900 Boat - Cape Menshikof north to Naknek Bay (specify)*																																																										
950 Boat - Other Alaska Peninsula (specify)**																																																										
9991 Boat - Other (specify)																																																										
9992 Shoreline sites (specify)																																																										
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼									
5 Cold Bay Area, including Russel Creek																																																										
281 Unalaska Bay Streams																																																										
130 Chignik River																																																										
11 Ugashik System; Ugashik R, and Upper/Lower Ugashik Lakes																																																										
12 Becharof System***																																																										
279 Naknek River downstream section†																																																										
275 Naknek River upstream section††																																																										
8 Naknek Lake - Bay of Islands																																																										
9 Naknek Lake - Other																																																										
10 Brooks River																																																										
13 Brooks Lake																																																										
182 American Creek																																																										
9994 Other Streams ††† (specify)																																																										
9993 Other Lakes (specify)																																																										

* Includes Ugashik, Egegik, and Naknek bays.
 ** Any saltwater boat fishing not in Cold Bay or in Unalaska Bay west of Cape Menshikof and Cape Douglas.
 *** Including Becharof Lake, Kejulik and Egegik Rivers, and Shosky Creek.
 † From Rapids Camp downstream 19 miles to saltwater, including tributaries; includes Naknek River near the community of King Salmon.
 †† From Rapids Camp 9 miles upstream to Naknek Lake outlet, including tributaries.
 ††† If King Salmon River, specify location (either near the community of King Salmon, near Egegik Bay, near Ugashik Bay, or near Port Moller).

For map, see page 36.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

S	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Rainbow Trout		Arctic Grayling		Whitefish		Northern Pike		Burbot		Smelt		Other (specify)				
				C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	
				A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A
KVICHAK RIVER DRAINAGE																																				
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼		
9991 Boat sites (specify)																																				
9992 Shoreline sites (specify)																																				
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
8 Alagnak (Branch) River																																				
141 Battle River																																				
5 Copper River (tributary of Iliamna Lake)																																				
146 Funnel Creek																																				
6 Gibraltar Lake																																				
170 Gibraltar River																																				
125 Iliamna Lake																																				
120 Iliamna River																																				
183 Kukaklek River (Big Ku)																																				
123 Kulik River																																				
3 Kvichak River																																				
9 Lake Clark																																				
134 Moraine Creek																																				
7 Newhalen River																																				
4 Lower Talarik Creek																																				
139 Upper Talarik Creek																																				
9994 Other Streams (specify)																																				
9993 Other Lakes (specify)																																				

For map, see page 36.

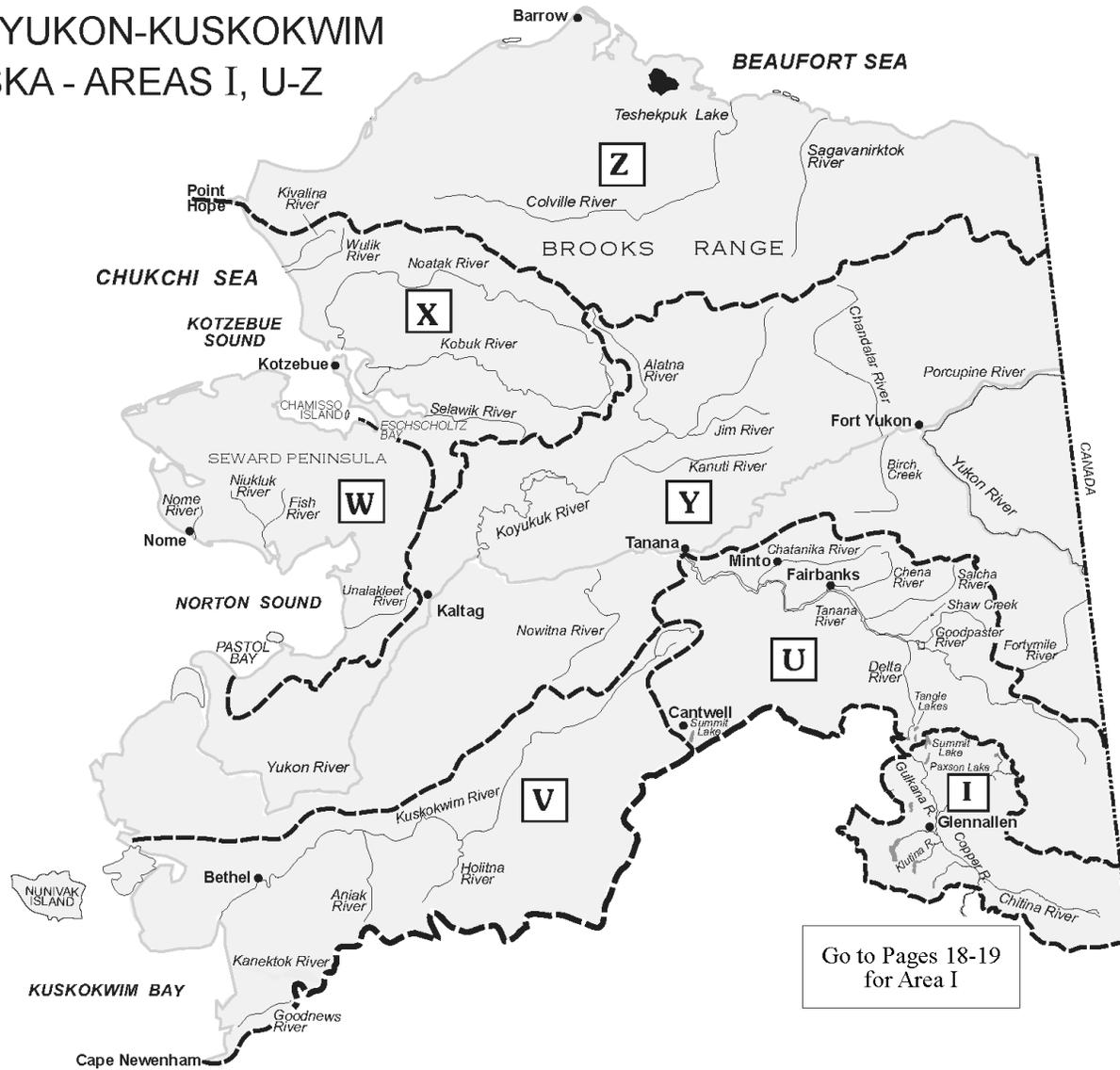
Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

T	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer	King Salmon less than 20"	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Lake Trout	Dolly Varden/ Arctic Char	Rainbow Trout	Arctic Grayling	Whitefish	Northern Pike	Burbot	Smelt	Other (specify)	
				C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T	C A U G H T	K E E P T
SALTWATER																			
9991	Boat sites (specify)																		
9992	Shoreline sites (specify)																		
FRESHWATER																			
207	Nushagak River - Black Point upstream to sonar site (by Portage Creek)*																		
208	Nushagak River - sonar site (by Portage Creek) upstream to outlet of Mulchatna River*																		
190	Nushagak River upstream from outlet of Mulchatna River*																		
3	Remainder of Nushagak System (specify)																		
7	Mulchatna River																		
112	Lake Aleknagik																		
111	Agulowak River																		
128	Agulupak River																		
4	Other Wood River Lakes System**																		
206	Nuyakuk River																		
5	Other Tikchik-Nuyakuk Lake System***																		
6	Togiak River System****																		
9994	Other Streams (specify)																		
9993	Other Lakes (specify)																		

* Excluding Mulchatna R. and tributaries, Kokwok and lowithla rivers.
 ** Including Lakes Nerka, Beverley, and Kulik.
 *** Including Nuyakuk, Tikchik, Chikuminuk, Nishlik, and Upnuk lakes, and Lake Chauekuktuli.
 **** Including Togiak River-Lake drainage area.

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ARCTIC-YUKON-KUSKOKWIM ALASKA - AREAS I, U-Z



Go to Pages 18-19
for Area I

For map, see page 40.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
 Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
 Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

V	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Rainbow Trout		Arctic Grayling		Whitefish		Sheefish		Northern Pike		Burbot		Smelt		Halibut		Other (specify)					
				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT				
KUSKOKWIM RIVER/ KUSKOKWIM BAY DRAINAGES																																									
SALTWATER																																									
9991	Boat sites (specify)																																								
9992	Shoreline sites (specify)																																								
FRESHWATER																																									
KUSKOKWIM RIVER UPSTREAM OF THE ANIAK RIVER																																									
300	Kuskokwim River mainstem, above Aniak River																																								
6	Holitna River																																								
134	George River																																								
301	Other Streams (specify)																																								
302	Lakes (specify)																																								
KUSKOKWIM RIVER DOWNSTREAM OF THE ANIAK RIVER																																									
310	Kuskokwim River mainstem, below Aniak River																																								
5	Aniak River																																								
43	Kisaralik River																																								
19	Kwethluk River																																								
311	Other Streams (specify)																																								
312	Lakes (specify)																																								
KUSKOKWIM BAY STREAMS AND LAKES																																									
3	Kanektok River																																								
4	Goodnews River																																								
321	Other Streams (specify)																																								
322	Lakes (specify)																																								

PLEASE DO NOT INCLUDE SUBSISTENCE ROD AND REEL FISHING IN THIS SURVEY.

For map, see page 40.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

W NORTON SOUND/ SEWARD PENINSULA AREA	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden/ Arctic Char		Arctic Grayling 15" & under		Arctic Grayling over 15"		Whitefish		Northern Pike		Burbot	Smelt		Halibut		King Crab		Other (specify)						
				C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K		C	K	C	K	C	K	C	K	C	K			
				A	U	G	H	T	A	U	G	H	T	A	U	G	H	T	A	U	G	H	T	A	U		G	H	T	A	U	G	H	T	A	U	G	H	T
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
9991 Boat sites (specify)																																							
9992 Shoreline sites (specify)																																							
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
11 Eldorado River																																							
112 Fish River and tributaries (excluding Niukluk River)*																																							
30 Flambeau River																																							
14 Fox River																																							
18 Kuzitrin River																																							
210 Niukluk River and tributaries (BELOW the ADF&G Tower)**																																							
211 Niukluk River and tributaries (ABOVE the ADF&G Tower)**																																							
4 Nome River																																							
94 North River																																							
6 Pilgrim River																																							
41 Shaktodik River																																							
22 Sinuk River																																							
12 Snake River																																							
15 Solomon River																																							
3 Unalakleet River																																							
9994 Other Streams (specify)																																							
9993 Lakes (specify)																																							

* Including Pargon, and Rathlatulik rivers, and Boston Creek.
 ** Including Casadepaga River.

PLEASE DO NOT INCLUDE SUBSISTENCE ROD AND REEL FISHING IN THIS SURVEY.

For map, see page 40.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

X NORTHWEST ALASKA AREA	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char 20" & under		Dolly Varden/ Arctic Char over 20"		Arctic Grayling		Whitefish		Sheefish		Northern Pike		Burbot		Smelt		Other (specify)				
				C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	
				U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H	T	U	G	H
SALTWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼		
9991 Boat sites (specify)																																						
9992 Shoreline sites (specify)																																						
FRESHWATER	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	
78 Desperation Lake																																						
13 Feniak Lake																																						
16 Kelly River																																						
17 Kivalina River																																						
4 Kobuk River																																						
32 Matcharak Lake																																						
3 Noatak River																																						
24 Selawik River																																						
27 Squirrel River																																						
28 Walker Lake																																						
5 Wulik River																																						
9994 Other Streams (specify)																																						
9993 Other Lakes (specify)																																						

PLEASE DO NOT INCLUDE SUBSISTENCE ROD AND REEL FISHING IN THIS SURVEY.

For map, see page 40.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

Y	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer	King Salmon less than 20"	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Lake Trout	Dolly Varden/ Arctic Char	Arctic Grayling	Whitefish	Sheefish	Northern Pike less than 30"	Northern Pike 30" and over	Burbot	Other (specify)			
				C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T	C A U G H T	K E P T
YUKON RIVER DRAINAGE FRESHWATER																					
YUKON RIVER DRAINAGES DOWNSTREAM FROM KOYUKUK RIVER																					
147																					
148																					
182																					
247																					
YUKON RIVER DRAINAGES KOYUKUK RIVER TO FORT YUKON																					
ACCESSED FROM THE DALTON HIGHWAY (HAUL ROAD)																					
15				▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼		
400																					
410																					
420																					
899																					
898																					
NOT ACCESSED FROM THE DALTON HIGHWAY (HAUL ROAD)																					
500				▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼		
510																					
520																					
16																					
204																					
94																					
202																					
255																					
24																					
248																					
YUKON RIVER DRAINAGES FORT YUKON TO CANADIAN BORDER																					
249																					

*Koyukuk R. downstream from confluence with South Fork (not accessed from Dalton Highway).

PLEASE DO NOT INCLUDE SUBSISTENCE ROD AND REEL FISHING IN THIS SURVEY.

For map, see page 40.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.

Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).

Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.

For each type of fish, write the total number caught and the number kept by your household.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

Z	No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon 20" or longer		King Salmon less than 20"		Pink Salmon		Chum Salmon		Lake Trout		Dolly Varden/ Arctic Char		Arctic Grayling		Whitefish		Northern Pike		Burbot		Smelt		Other (specify)			
				C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K	C	K
				A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U	A	U
SALTWATER																													
9991	Boat sites (specify)																												
9992	Shoreline sites (specify)																												
FRESHWATER																													
LAKES NEAR DALTON HIGHWAY (HAUL ROAD)																													
60	Galbraith Lake																												
43	Toolik Lake																												
99	Other Lakes (specify)																												
STREAMS NEAR DALTON HIGHWAY (HAUL ROAD)																													
22	Ivishak River																												
76	Sagavanirktok River																												
100	Other Streams (specify)																												
REMAINDER OF NORTH SLOPE/ BROOKS RANGE FISHING SITES																													
53	Canning River																												
14	Kongakut River																												
9994	Other Streams (specify)																												
9993	Other Lakes (specify)																												

PLEASE DO NOT INCLUDE SUBSISTENCE ROD AND REEL FISHING IN THIS SURVEY.



Dear Sport Angler,

This year marks the 33rd year in which the annual Statewide Harvest Survey has been conducted. The angler response rate has consistently been above average for a survey of this magnitude, and for this we have you to thank.

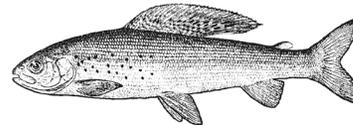
One of the primary goals of Alaska Department of Fish and Game is to provide a diverse mix of recreational fishing opportunities that are of interest to Alaskans and visitors of our state. Your response to this sport fish survey is important, and aids us in providing statewide estimates of participation, catch, and harvest for our fisheries managers. Alaska Department of Fish and Game uses this information to protect and improve recreational fisheries throughout Alaska.

The results of this survey will be available to the public in the fall of 2010. Feel free to call us at (907) 267-2280 or email us at dfg.dsf.publications@alaska.gov if we can assist you.

Please visit our website, which provides current and historic information gathered from this vital survey. Our web address is: <http://www.sf.adfg.state.ak.us/Statewide/ParticipationAndHarvest/index.cfm>

Thank-you again,

Charles Swanton
Director, Division of Sport Fish



The Alaska Department of Fish and Game (ADF&G) administers all programs and activities free from discrimination based on race, color, national origin, age, sex, religion, marital status, pregnancy, parenthood, or disability. The department administers all programs and activities in compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act (ADA) of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972. If you believe you have been discriminated against in any program, activity, or facility please write: ADF&G ADA Coordinator, P.O. Box 115526, Juneau, AK 99811-5526; U.S. Fish and Wildlife Service, 4401 N. Fairfax Drive, MS 2042, Arlington, VA 22203; Office of Equal Opportunity, U.S. Department of the Interior, 1849 C Street NW MS 5230, Washington DC 20240. The department's ADA Coordinator can be reached via phone at the following numbers: (VOICE) 907-465-6077, (Statewide Telecommunication Device for the Deaf) 1-800-478-3648, (Juneau TDD) 907-465-3646, or (FAX) 907-465-6078.

STATE OF ALASKA

SEAN PARNELL, GOVERNOR

DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

Research & Technical Services

333 Raspberry Road.

Anchorage, AK 99518-1599

PHONE: (907) 267-2280

FAX: (907) 267-2422

Dear Alaska Angler,

You have been selected to receive a **2009 Sport Fish Survey**. We conduct this survey every year to measure how much fishing occurs and how many fish are caught and kept by sport anglers in Alaska. This information is essential to our ongoing efforts to maintain and improve Alaska's sport fisheries.

Please help us by doing your best to remember **your household's** 2009 sport fishing activity, record it in the enclosed survey booklet, and return the booklet using the postage-paid envelope. Your voluntary participation is extremely important. *The information provided will be treated confidentially and will not be used for enforcement purposes.*

While the tables and maps may make the survey look a bit complicated, for most people there are only a few pages that must be completed to report a household's sport fishing information.

If you and other members of your household did not get a chance to go fishing in 2009, we ask that you please complete the General Questions on page 3 of the questionnaire, and return the survey to us. We mail reminders when the survey is not returned, so returning the booklet in a timely fashion will help ensure that we do not send you the survey again.

Please accept the full-color index of Alaska fresh and salt water species as a small token of thanks for your effort.

The results of the 2009 Alaska Sport Fish Survey will be available in fall of 2010. If you are interested in seeing the results of previous years' surveys, visit the Alaska Division of Sport Fish website at: http://www.sf.adfg.state.ak.us/statewide/sf_home.cfm

Thank you for your willingness to help us maintain and improve Alaska's sport fisheries.

Sincerely,

Charles O Swanton, Director

STATE OF ALASKA

SEAN PARNELL, GOVERNOR

DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

Research & Technical Services

333 Raspberry Road.

Anchorage, AK 99518-1599

PHONE: (907) 267-2280

FAX: (907) 267-2422

Dear Alaska Angler,

A few weeks ago we sent you a **2009 Sport Fishing Survey**. We conduct this survey every year to measure how much fishing occurs and how many fish are caught and kept by sport anglers in Alaska. This information is essential to our ongoing efforts to maintain and improve Alaska's sport fisheries.

Information about your 2009 sport fishing is very valuable to this study because you have been chosen to represent many other sport anglers in Alaska. However, we have yet to receive your completed survey.

Please take a few minutes and recollect **your household's** 2009 sport fishing activity, record it in the enclosed survey booklet, and return the booklet using the postage-paid envelope. *The information provided will be treated confidentially and will not be used for enforcement purposes.*

While the tables and maps may make the survey look a bit complicated, for most people there are only a few pages that must be completed to report a household's sport fishing information.

If you and other members of your household did not get a chance to go fishing in 2009, we ask that you please complete the General Questions on page 3 of the questionnaire, and return the survey to us. We mail reminders when the survey is not returned, so returning the booklet in a timely fashion will help ensure that we do not send you the survey again.

Please accept the full-color index of Alaska fresh and salt water species as a small token of thanks for your effort.

This is the 33rd year that the Alaska Sport Fishing Survey has been conducted, and we thank all participants for the success of this project. The results of the 2009 Alaska Sport Fishing Survey will be available in fall of 2010. If you are interested in seeing the results of previous years' surveys, visit the Alaska Division of Sport Fish website: http://www.sf.adfg.state.ak.us/statewide/sf_home.cfm.

Thank you for your willingness to help us maintain and improve Alaska's sport fisheries.

Sincerely,



Charles O Swanton, Director

Appendix A3.—Second reminder for standard and supplementary surveys, 2008.

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

SEAN PARNELL, GOVERNOR

Research & Technical Services

333 Raspberry Road.

Anchorage, AK 99518-1599

PHONE: (907) 267-2280

FAX: (907) 267-2422

Dear Angler,

Re: Sport Fishing in Alaska, 2009

At this time of year, we realize that your 2009 fishing experience is becoming a distant memory. We are, however, requesting your help by asking that you complete the Alaska **2009 Sport Fishing Survey**. We appreciate your willingness to consider our request by supplying your best recollection of your household's sport fishing participation, catch, and harvest. Your response will help guide decisions that protect and enhance Alaska's excellent sport fishing opportunities.

This survey is mailed annually to about 10% of Alaska sportfishing license holders. The information gained helps Alaska Department of Fish and Game determine where anglers fished and how many fish they caught and kept within Alaska's sport fisheries. The results are used for sport fisheries planning and management purposes, and by anglers planning for the best sport fishing experience.

The study is drawing to a close, and this is the last contact that will be made in this year's survey. Hearing from everyone who was mailed a survey helps assure that the results are as accurate as possible. Even if you or other household members didn't fish in 2009, we ask that you complete the General Questions on page 3 and mail the survey back to us in the envelope provided.

If you have already returned your completed form, please disregard this letter and accept my thanks.

Sincerely,



Charles O. Swanton,

Director

Appendix A4.—Third reminder for standard and supplementary surveys, 2008.

2009 Sport Fish Survey



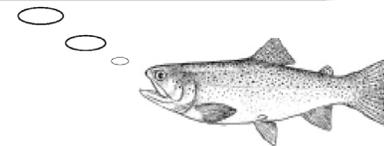
We are interested in knowing about your Alaskan fishing experiences in 2009.

Even if you did not fish in 2009, please answer the questions on page 3.

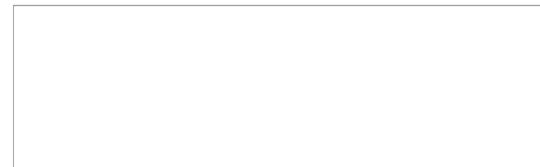
Use the Mapsite booklet to assist you in finding Areas and Site descriptions.

We ask that you do not include subsistence caught fish.

Thank-you



Alaska Department of Fish and Game
Division of Sport Fish (RTS)
333 Raspberry Road
Anchorage, Alaska 99518
(907) 267-2280



PLEASE ANSWER THE GENERAL QUESTIONS ON PAGE 3.
 INSTRUCTIONS FOR RECORDING YOUR FISHING ACTIVITIES ARE ON PAGES 4 AND 5.
 COMPLETE THIS SURVEY BOOKLET, AND RETURN IT IN THE ENCLOSED ENVELOPE.

THANK YOU!

YOUR PARTICIPATION SUPPORTS SUSTAINABLE SPORT FISHERIES THROUGHOUT THE STATE OF ALASKA.

LIST OF SECTIONS

SECTIONS	PAGE
SALTWATER, NON CHARTER TRIP	6
SALTWATER, CHARTER TRIP	7
FRESHWATER, NON GUIDED TRIP	8
FRESHWATER, GUIDED TRIP	9
PERSONAL USE DIPNETTING, NON GUIDED TRIP	10
PERSONAL USE DIPNETTING, GUIDED TRIP	10
SHELLFISH, NON GUIDED TRIP	11
SHELLFISH, GUIDED TRIP	11

DEFINITIONS

Chartered/Guided: You paid or otherwise compensated a sport fish guide or guide business to personally direct and accompany you in fishing activities. However, a person who provides only transportation services (including air) or rents out vessels or skiffs without remaining to direct your fishing activities is not a guide or charter operator for the purposes of this study.

Household: A household is defined as all people sharing a principal place of residence. This **excludes** persons renting (subletting) within a home, or relatives that live in separate homes. A person paying rent for your basement apartment is not part of your household, nor is your visiting son or daughter. Record only harvest for household members.

Personal use: Personal use fisheries are designated by the Alaska Board of Fisheries for specific areas and gear types, and are allowed only in these legally defined areas. These fisheries require an **Alaska resident** sportfishing license or Alaska Department of Fish and Game Permanent Identification card for participation, and are distinguished by the requirement that the harvest must be for personal use only. These fisheries are NOT open to non-Alaska residents.

Subsistence Fisheries: Subsistence fisheries are legally defined rural fisheries for community residents and their household only, and are based on customary and traditional use of the resource. Do not report subsistence harvest in this survey, as the Division of Sport Fish does not manage these fisheries.

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The Alaska Department of Fish and Game administers all programs and activities free from discrimination based on race, color, national origin, age, sex, religion, marital status, pregnancy, parenthood, or disability. The department administers all programs and activities in compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972. If you believe you have been discriminated against in any program, activity, or facility, or if you desire further information please write to ADF&G, ADA Coordinator, P.O. Box 115526, Juneau, AK 99811-5526; U.S. Fish and Wildlife Service, 4401 N. Fairfax Drive, MS-2042, Arlington, VA 22203 or O.E.O., U.S. Department of the Interior, 1849 C Street Washington DC 20240. The department's ADA Coordinator can be reached via phone at the following numbers: (VOICE) 907-465-6077, (Statewide Telecommunications Device for the Deaf) 1-800-478-3648, (Juneau TDD) 907-465-3646, or (FAX) 907-465-6078.

GENERAL QUESTIONS

The questions below apply to people in your household who **PURCHASED** a 2009 Alaska Sportfishing License:

- 1A. How many people in your household purchased a 2009 Alaska sportfishing license? _____
- 1B. How many people recorded in 1A (above) sport fished in Alaska in 2009? _____

The questions below apply to people in your household who **DID NOT PURCHASE** a 2009 Alaska Sportfishing License:

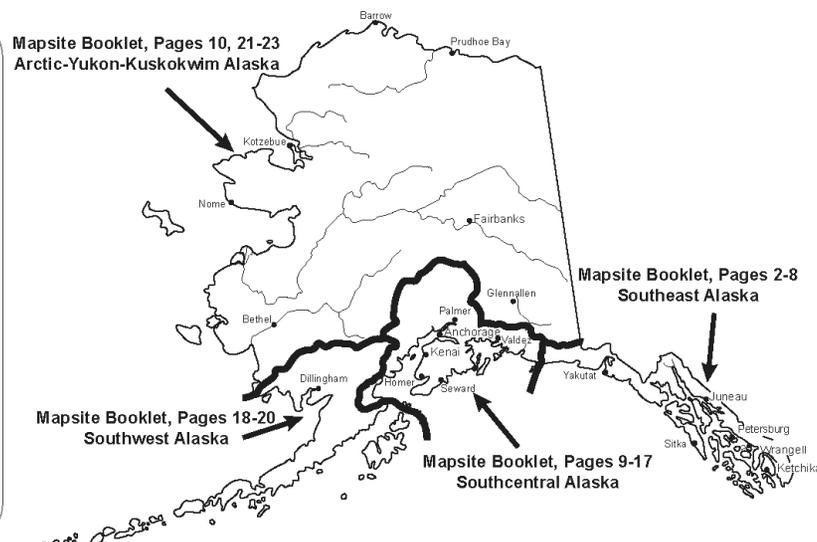
- 2A. How many people in your household under 16 years of age sport fished in Alaska in 2009? _____
- 2B. An Alaska resident 60 years of age and older, or an Alaska resident disabled veteran qualifies for a permanent identification card for Alaska sportfishing. How many people in your household have a permanent identification card, including those who did not sport fish in Alaska? _____
- 2C. How many people recorded in 2B (above) sport fished in Alaska in 2009? _____

The question below applies to **all people in your household** and the 2009 sportfishing season:

3. How many total people in your household sport fished in Alaska during 2009? _____

.....

Please provide comments on sportfishing in Alaska during 2009:



INSTRUCTIONS

Period covered: January 1 through December 31, 2009.

What if your household did not sport fish in 2009? Answer the questions on page 3 and return the survey in the postage-paid envelope so we may avoid mailing you additional 2009 surveys.

What if your household did sport fish in 2009?

- Answer the questions on page 3.
- Read the instructions on page 5, referring to the example below.
- Use the Mapsite booklet to identify sites. Complete the pages in this booklet that cover the types of fishing done by you or your household members.
- Return the survey in the postage-paid envelope.

Who to include: Report your household's sportfishing only. Do not include visiting friends or relatives.

What to include: Report all your household sport, shellfish and personal use fishing information. If you are the beneficiary (the one who keeps the fish) of a proxy, report that fishing activity as part of your household.

What to exclude: Do not report commercially caught or subsistence caught fish. A sportfishing guide should not report client information. Do not report fish caught while proxy fishing for someone outside your household. Report only your own household information.

When to reply: Return this form after completing all 2009 sportfishing, including ice fishing.

Please help reduce costs: We mail up to 2 reminders to those who do not respond. You can help reduce costs by replying promptly.

SPORT ANGLERS LIVING OUTSIDE OF THE UNITED STATES: The postage permit that we have for return mail is valid only within the United States. Because the survey helps us to offer world class fishing experiences for all anglers, we ask that you return the survey by supplying your own postage.

If you have questions about this survey, please call (907) 267-2280 or contact us via email at: dfg.dsf.publications@alaska.gov

HOW TO RECORD YOUR HOUSEHOLD'S Sportfishing: See the step by step instructions on page 5.

EXAMPLE: A man and his wife fished together on 3 trips to the Kenai River, near the Soldotna Bridge. They both fished 1 day on each of these trips, and caught a total of 4 silver salmon and kept 3. The man then fished alone on 1 additional trip for half a day (for the survey purposes, any part of a day is counted as a whole day) but he didn't catch anything on this trip.

This survey respondent should record these trips with the following information (see the facing page for more detailed instructions).

**1 FRESHWATER Sportfishing
NON GUIDED**

Fishing Sites	5 Fishery Type		6 No. of Household Anglers	7 No. of Household Trips	8 Sum of Each Household Angler's Days Fished	9 Silver Salmon		Pink Salmon		Red Salmon		Rainbow Trout		Chum Salmon		Dolly Varden/ Arctic Char	
	3 Area Code Letter	4 Site Number				B O A T	B A N K	C A U G H T	K E P T								
<i>Kenai River - Cook Inlet to Soldotna Bridge</i>	<i>P</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>2</i>	<i>4</i>	<i>7</i>	<i>4</i>	<i>3</i>	EXAMPLE							

HOW TO RECORD YOUR HOUSEHOLD'S 2009 SPORTFISHING

► **USE THESE INSTRUCTIONS TOGETHER WITH THE EXAMPLE ON PAGE 4.**

- 1 ► **Sections:** Use the Sections Listing on page 2 to identify the pages you will need to complete based on your household's 2009 sportfishing activities. Please be sure to record your fishing as saltwater or freshwater, guided or non-guided by choosing the the appropriate sections. Do not combine saltwater and freshwater fishing on one line.
- 2 ► **Site Name:** Write the name of each site where you fished. Names of some commonly fished sites are provided in the Mapsite booklet included in this packet (see instructions 3 and 4). If you cannot locate a fishing site in the Mapsite book, please write the area and the name of the location, using multiple lines if necessary.
- 3 ► **Area Code Letter:** The Mapsite booklet divides Alaska into areas labeled A through Z. Use the Mapsite booklet to determine the area code letter for each of your fishing locations and write it in the column marked Area Code Letter.
- 4 ► **Site Number:** The Mapsite booklet lists the names and site numbers of some commonly fished sites in Alaska. Determine the correct site number for each location and write it in the Site Number column. If you do not find your site in the Mapsite booklet, please be sure to record the Area Code Letter and the fishing site with a brief description in the **Site Name** column.
- 5 ► **Fishery Type:** Mark whether you fished from a boat or from the shore/bank. If you fished from both a boat and on the shore/bank at the same location, check both boxes.
- 6 ► **Number of Household Anglers:** Record how many anglers in your household fished at this site.
- 7 ► **Number of Household Trips:** Record the number of trips made to this site (a trip, which may last one or more days, is a visit to a fishing location).
- 8 ► **Sum of Each Household Angler's Days Fished:** Add up the **TOTAL** number of days each household member fished at this site. Count any part of a day as a whole day. If two or more anglers fished the same day, include that day in each angler's sum. Then total all anglers' days for that site. Example: If three household anglers fish two days at the same site, the sum of the household anglers' days fished = 6.
- 9 ► **Caught:** Write how many fish were caught, whether or not they were kept.
- 10 ► **Kept:** Write how many fish were kept.

Thank you! Please return the survey in the envelope provided. You may keep the Mapsite booklet.

PERSONAL USE DIPNETTING — SALMON ONLY

NON GUIDED — YOU DID NOT PAY to be personally directed during your fishing trip.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
 Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
 Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

Fishing Sites			No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Other (specify)
Site Name	Area Code Letter	Site Number				KEPT	KEPT	KEPT	KEPT	KEPT	KEPT

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PERSONAL USE DIPNETTING — SALMON ONLY

GUIDED — YOU PAID to be personally directed during your fishing trip.

Fishing Sites			No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	King Salmon	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Other (specify)
Site Name	Area Code Letter	Site Number				KEPT	KEPT	KEPT	KEPT	KEPT	KEPT

SHELLFISH — CRABS, CLAMS, AND SHRIMP

NON GUIDED — YOU DID NOT PAY to be personally directed during your fishing trip.

Number of Household Anglers who fished. Do not include visiting friends, relatives, or other party members outside your household.
 Number of Household Trips (a trip, which may last one or more days, is a visit to a fishing site).
 Sum of Each Household Angler's Days Fished. Count any part of a day as one whole day. If 2 or more anglers fish the same day, include that day in each angler's sum. Example: If 2 household anglers fished the same day, Sum of Each Household Angler's Days Fished = 2.
 For each type of fish, write the total number caught and the number kept by your household.
DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

Fishing Sites			No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Razor Clams (numbers)	Hardshell Clams (gallons)	Shrimp (gallons)	King Crab		Dungeness Crab		Tanner Crab		Other Shellfish (specify)	
Site Name	Area Code Letter	Site Number				KEPT	KEPT	KEPT	C A U G H T	KEPT	C A U G H T	KEPT	C A U G H T	KEPT	C A U G H T	KEPT
						NUMBERS	GALLONS	GALLONS								

RAZOR CLAMS



Razor Clams have long, narrow, smooth shells that can grow to longer than 7 inches. The shells are covered with a thin tissue-like layer that varies in color from brown to yellowish-brown depending upon the clam size. In older clams the tissue covering is usually eroded. The shells are thin and the shell edges sharp.

SHELLFISH — CRABS, CLAMS, AND SHRIMP

GUIDED — YOU PAID to be personally directed during your fishing trip.

Fishing Sites			No. of Household Anglers	No. of Household Trips	Sum of Each Household Angler's Days Fished	Razor Clams (numbers)	Hardshell Clams (gallons)	Shrimp (gallons)	King Crab		Dungeness Crab		Tanner Crab		Other Shellfish (specify)	
Site Name	Area Code Letter	Site Number				KEPT	KEPT	KEPT	C A U G H T	KEPT	C A U G H T	KEPT	C A U G H T	KEPT	C A U G H T	KEPT
						NUMBERS	GALLONS	GALLONS								

HARDSHELL CLAMS



The **butter clam** shell is thick and white. It has heavy concentric growth rings, but no vertical ridges. The shell's inner edge is smooth. Butter clams are 3 to 5 inches long.



The **Littleneck clam** shells are usually white, but may be brown or have brown markings. The shells have concentric growth rings and distinct vertical ridges. Littleneck clams are about 2 inches long.



Dear Sport Angler:

The year 2009 marks the 33rd year in which the annual Statewide Harvest Survey has been conducted. The angler response rate has consistently been above average for a survey of this magnitude, and for this we have you to thank.

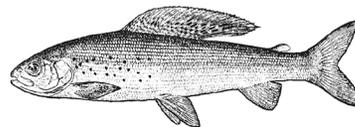
Your response to this survey is important, and aids us in providing statewide estimates of participation, catch, and harvest for our fishery managers. Alaska Department of Fish and Game uses this information to protect and improve recreational fisheries throughout Alaska.

The results of this survey will be available to the public in the fall of 2010. Feel free to call us at (907) 267-2280 or email us at [dfg.dsf.publications @ alaska.gov](mailto:dfg.dsf.publications@alaska.gov) if we can assist you.

Please visit our website, which provides current and historic information gathered from this vital survey. Our web address is: <http://www.sf.adfg.state.ak.us/Statewide/ParticipationAndHarvest/index.cfm>

Thank-you again,

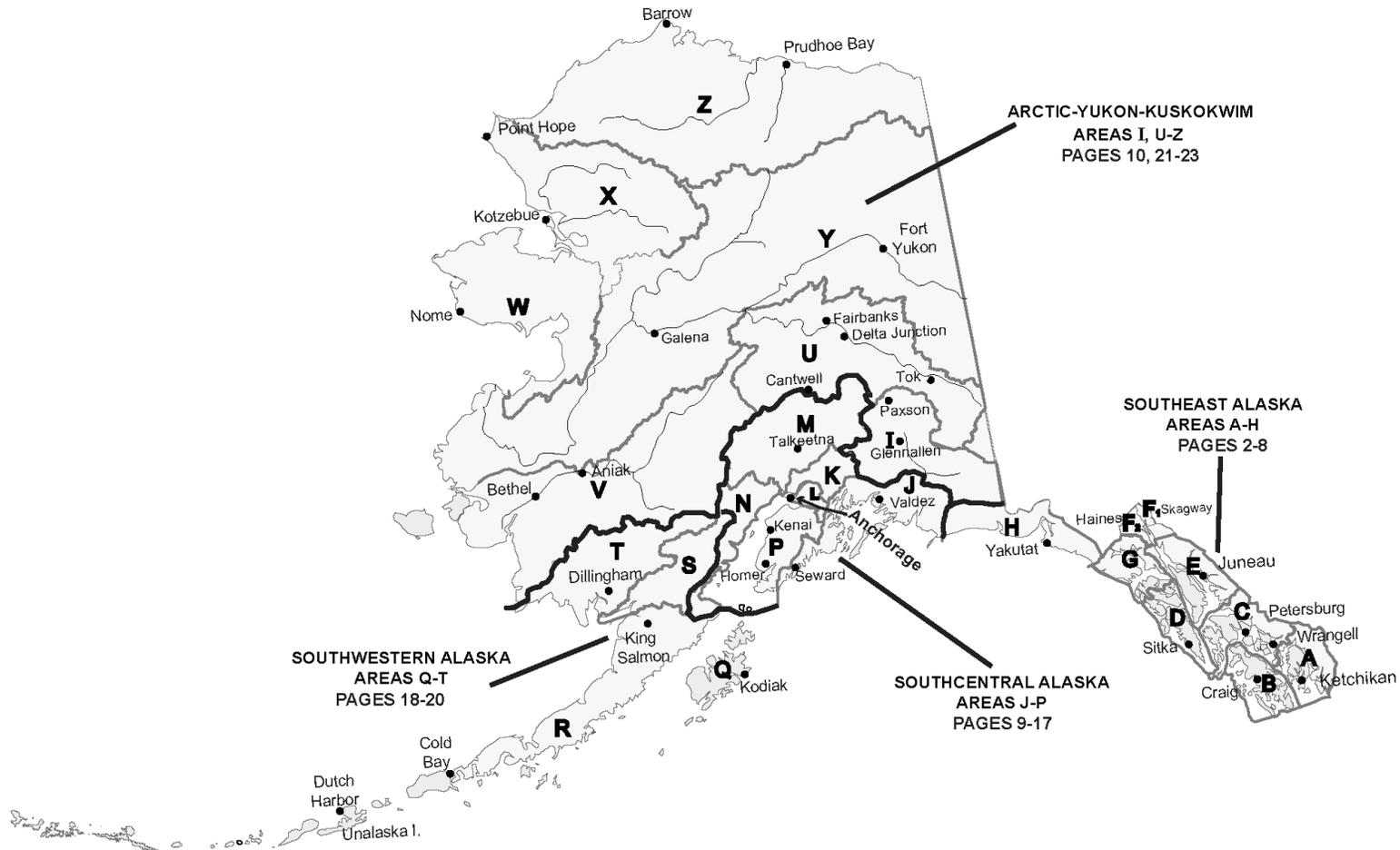
Charles Swanton
Director, Division of Sport Fish



MAPSITE BOOKLET

Maps, Area Descriptions, and Fish Size Categories

Use the map below to find the pages that apply to your household's sport fishing in 2009



Appendix A6.—Sport fish supplementary map/site booklet, 2008.

A KETCHIKAN AREA

Saltwater

No.	Site Name
1	East and West Behm Canals
1008	Terminal Harvest Areas near Ketchikan *†
5	Yes Bay
6	Bell Island
728	Mountain Point
730	Carroll Inlet
737	Herring Cove
9991	Other Boat Sites (specify site names)
9992	Other Shoreline Sites (specify site names)

Freshwater

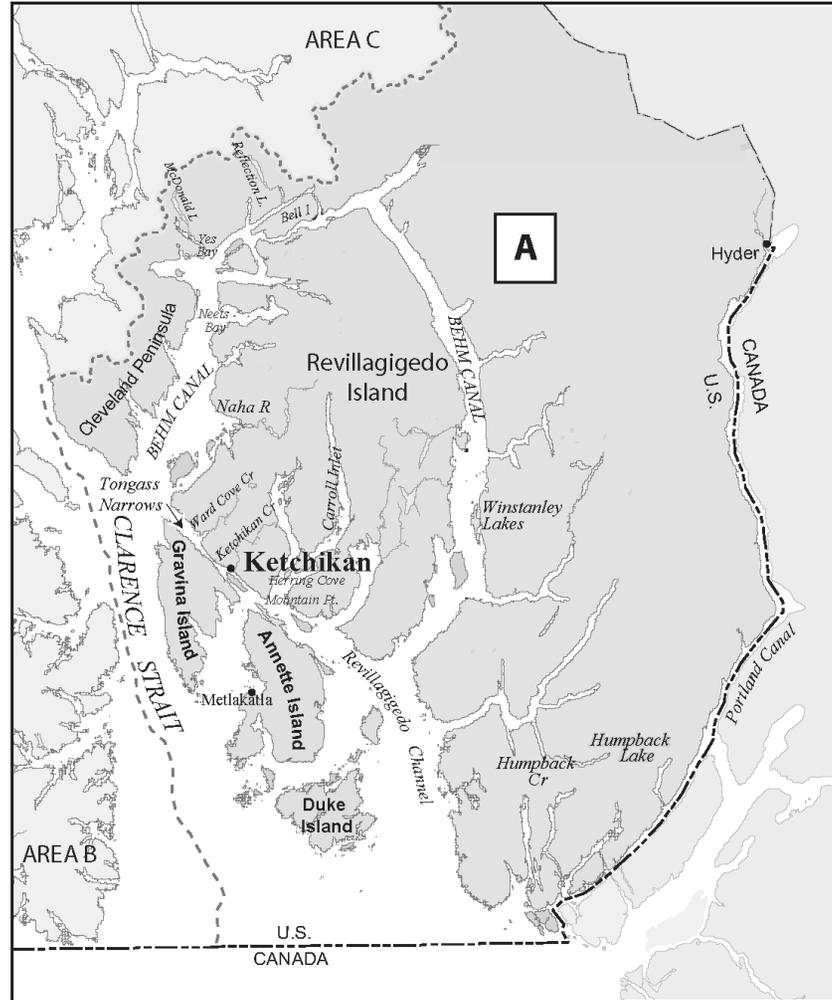
No.	Site Name
10	Ward Cove Creek
9	Naha River
214	Ketchikan Creek
134	Humpback Creek
165	Reflection Lake
180	Ward Lake
200	McDonald Lake Drainage
187	Winstanley Lakes
9994	Other Streams (specify site names)
9993	Other Lakes (specify site names)

* Includes the Neets Bay and Mountain Point harvest areas.

† A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.

Fish Size Categories
 AREA A KING SALMON
 "Large" are 28 inches and over;
 "Small" are less than 28 inches.

KETCHIKAN AREA



B PRINCE OF WALES ISLAND AREA

Saltwater

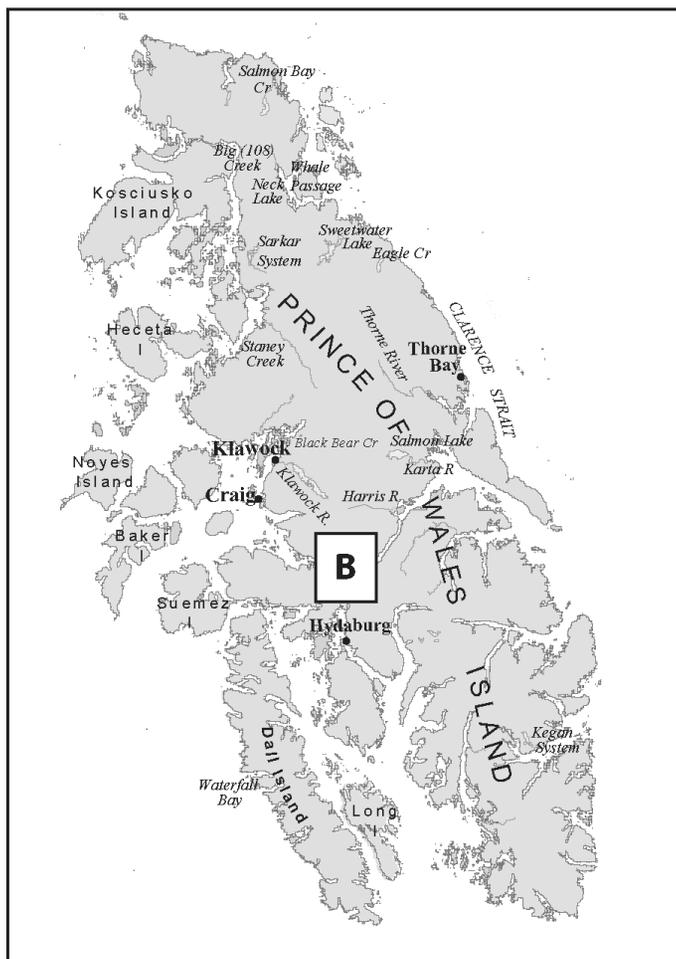
No.	Site Name
736	Waterfall Bay
1008	Eastside Prince of Wales Island
1010	Westside Prince of Wales Island
1055	Neck Lake Outlet Fishery (located in the Whale Passage area)
9991	Other Saltwater (specify site names)

Freshwater

No.	Site Name
216	Big (108) Creek
115	Black Bear Creek
120	Eagle Creek
124	Harris River
3	Karta River
219	Kegan System (Stream, Lake)
5	Klawock River
191	Salmon Bay Creek
243	Salmon Lake
220	Sarkar System (Stream, Lake)
158	Staney Creek
218	Sweetwater System (Stream, Lake)
217	Thorne System (Stream, Lake)
9994	Other Streams (specify site names)
9993	Other Lakes (specify site names)

Fish Size Categories
 AREA B KING SALMON
 "Large" are 28 inches and over;
 "Small" are less than 28 inches.

PRINCE OF WALES ISLAND AREA



C

KAKE, PETERSBURG, WRANGELL, STIKINE AREA

KAKE, PETERSBURG, WRANGELL, STIKINE AREA

Saltwater

No.	Site Name
728	Frederick Sound (near Petersburg)
1	Terminal Harvest Area near Petersburg* †
720	Wrangell Narrows
758	Thomas Bay
906	Rest of Petersburg Area
3	Greys Pass/Banana Point
794	Sumner Strait from Strait Island to Greys Pass**
798	Snow Passage
908	Wrangell Area
776	Kake Area
907	Petersburg Road System
909	Wrangell Road System
9991	Other Saltwater (specify site names)

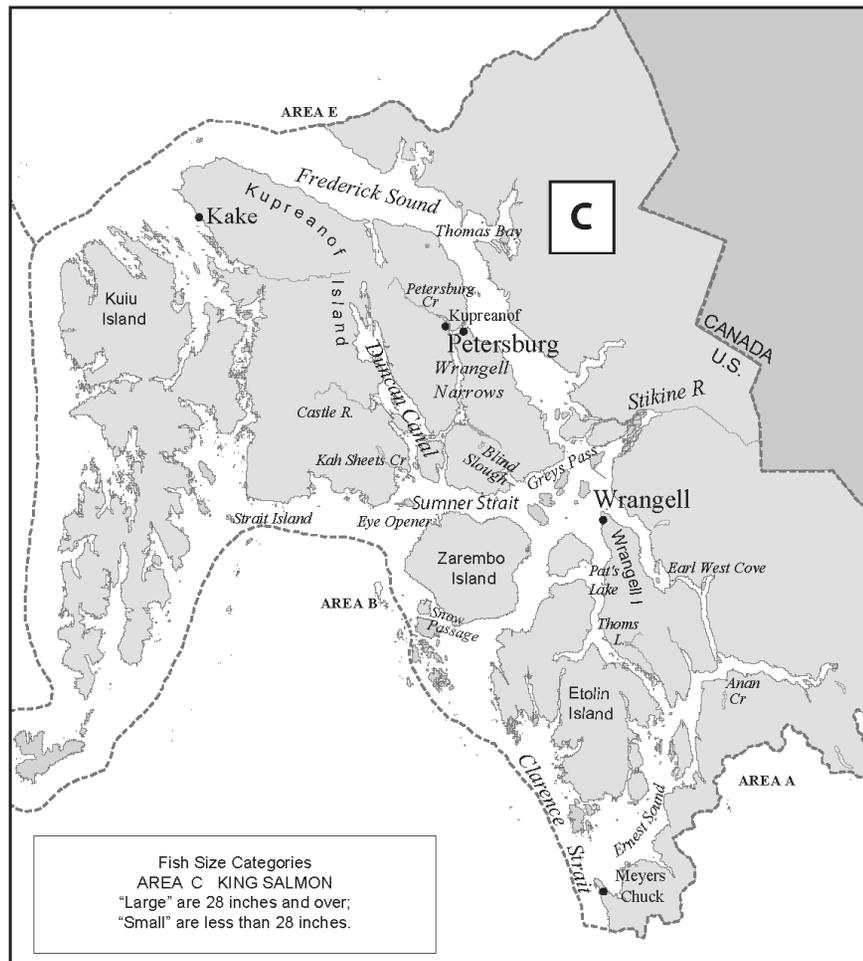
Freshwater

No.	Site Name
9	Anan Creek
5	Blind Slough (in Wrangell Narrows)
8	Castle River
147	Kah Sheets Creek
202	Pat's Lake (Trout Lake)
10	Petersburg Creek
175	Stikine River
216	Thoms Creek and Lake
9994	Other Streams (specify site names)
9993	Other Lakes (specify site names)

* Described as that portion of Wrangell Narrows, south of 56° 46'N. latitude (Martinsen's Dock) and north of the latitude of the northern tip of Woewodski Island.

** Waters adjacent to South Mitkof Island shore (Woodpecker Cove, Station Island), Zarembo Island (Baht Harbor, Craig Pt.) and South Kupreanof Island (Kah Sheets Bay, Level Islands, and Eye Opener).

† A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.



TO SAVE POSTAGE, PLEASE DO NOT RETURN THIS BOOKLET WITH YOUR QUESTIONNAIRE.

D SITKA AREA

Saltwater

No. **Site Name**

- 724 Sitka Sound (specify site names)
- 13 Silver Bay
- 850 Hidden Falls
- 1053 Sitka Road System
- 1044 Outer Coast of Kruzof Island
- 766 Salisbury Sound
- 1050 West Chichagof Island
- 1046 Tenakee area
- 1048 East side of Baranof Island
- 9991 Other Saltwater (specify site names)

Freshwater

No. **Site Name**

- 186 Baranof lake or stream
- 8 Eva lake or stream
- 231 Plotnikof lake or stream
- 232 Rezanof drainage (lakes, streams)
- 148 Salmon Lake
- 14 Sitkoh lake or stream
- 9994 Other Streams (specify site names)
- 9993 Other Lakes (specify site names)



Fish Size Categories
AREA D KING SALMON
"Large" are 28 inches and over;
"Small" are less than 28 inches.

E JUNEAU AREA

Saltwater

No.	Site Name
956	Terminal Harvest Area *†
1000	Saltwater near Juneau (Lower Lynn Canal south to Point Couverden, Favorite Channel, and upper Stephens Passage south to Doty Cove)**
754	Lower Stephens Passage area (south of Doty Cove)
758	Angoon Area
923	Auke Creek Mouth
939	Macaulay Hatchery
3	Other Juneau Road System
9991	Other Saltwater (specify site names)

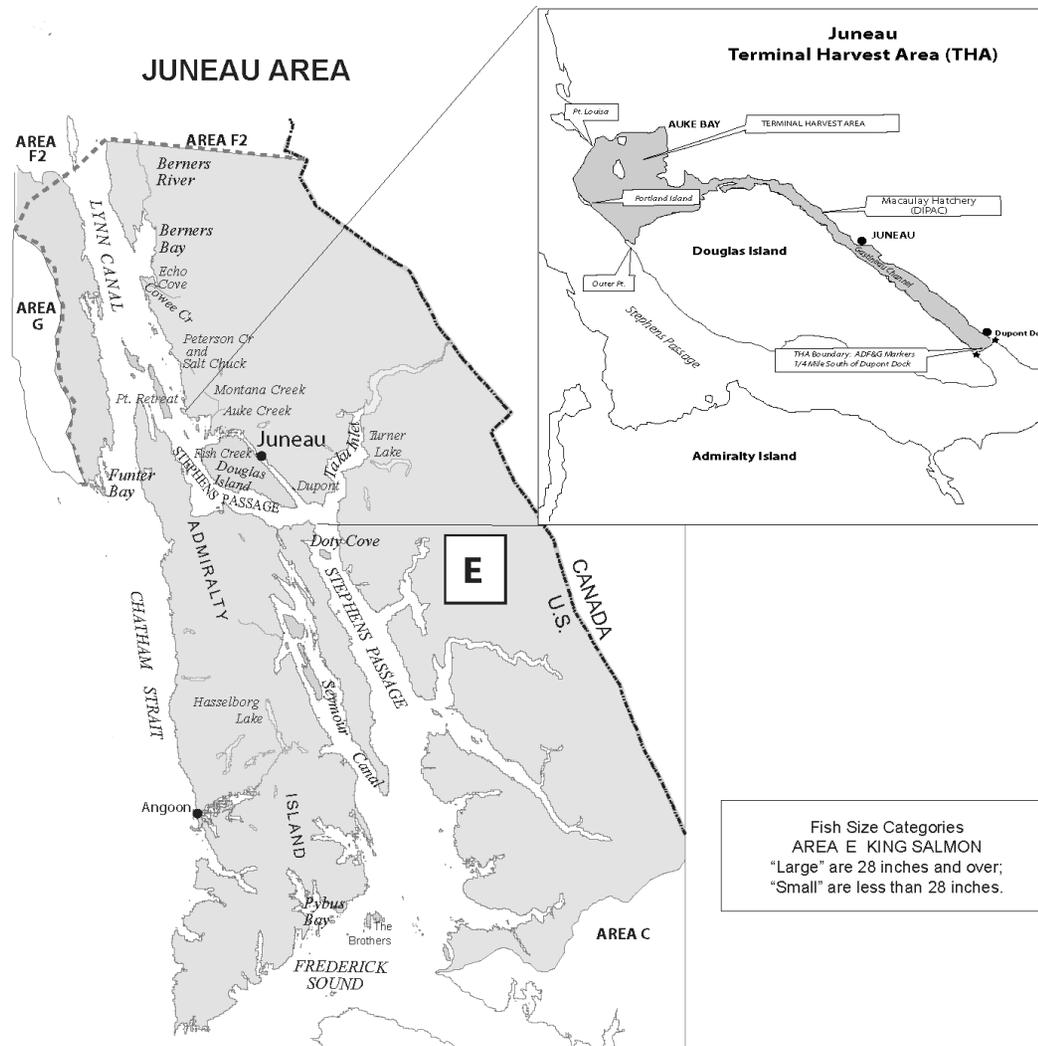
Freshwater

No.	Site Name
143	Fish Creek inc. mouth (Douglas Island)
175	Peterson Creek and Salt Chuck
211	Twin Lakes
168	Montana Creek, including mouth
213	Cowee Creek (near Echo Cove)
6	Other Juneau Road System
9	Hasselborg Lake
11	Turner Lake
9994	Other Streams (specify site names)
9993	Other Lakes (specify site names)

* Described as marine waters east of a line from Pt. Louisa to the eastern shore of Portland Island, to the north tip of Outer Point on Douglas Island and the waters west of Dupont (see map at right).

** Excluding Terminal Harvest Area.

† A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.



Fish Size Categories
 AREA E KING SALMON
 "Large" are 28 inches and over;
 "Small" are less than 28 inches.

F1 SKAGWAY AREA

Saltwater Skagway Area

No.	Site Name
736	Taiya Inlet
9991	Other Saltwater (specify site names)

Freshwater Skagway Area

121	Pullen Creek and Pond
9994	Other Skagway Area Streams (specify site names)
9993	Other Skagway Area Lakes (specify site names)

F2 HAINES AREA

Saltwater Haines Area

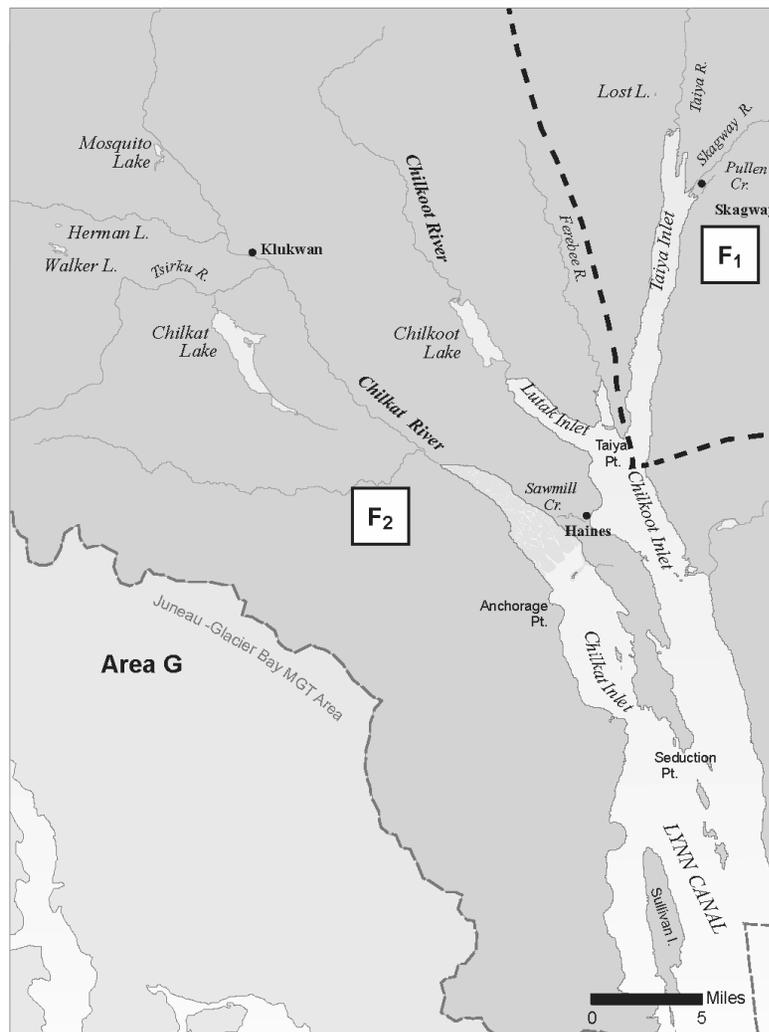
No.	Site Name
732	Chilkoot Inlet
730	Chilkat Inlet
9991	Other Haines Saltwater (specify site)

Freshwater Haines Area

3	Chilkoot River
5	Chilkoot Lake
107	Chilkat River
130	Chilkat Lake
9994	Other Haines Area Streams (specify site names)
9993	Other Haines Area Lakes (specify site names)

Fish Size Categories
 AREA F KING SALMON
 "Large" are 28 inches and over;
 "Small" are less than 28 inches.

HAINES/SKAGWAY AREA



G GLACIER BAY AREA

Saltwater

No.	Site Name
736	Glacier Bay proper (INSIDE Glacier Bay National Park)*
972	Glacier Bay National Park (NOT within Glacier Bay Proper)*
968	Icy Strait (NOT within Glacier Bay National Park)
970	Cross Sound (NOT within Glacier Bay National Park)
800	Outer coast Yakobi Island
802	Homeshore area
740	Gustavus area
908	Hoonah area
769	Berg Bay
804	Northern Chicagof Island
9991	Other Saltwater (specify site names)

Freshwater

No.	Site Name
110	Salmon River
105	Bartlett River
127	Mud Bay River
128	Game Creek
129	Neka River
9994	Other Streams (specify site names)
9993	Other Lakes (specify site names)

* Glacier Bay proper is described as all marine contiguous water inside or north of a line from Pt. Carolus and Pt. Gustavus.

Fish Size Categories
 AREA G KING SALMON
 "Large" are 28 inches and over;
 "Small" are less than 28 inches.

GLACIER BAY AREA



H YAKUTAT AREA

Saltwater

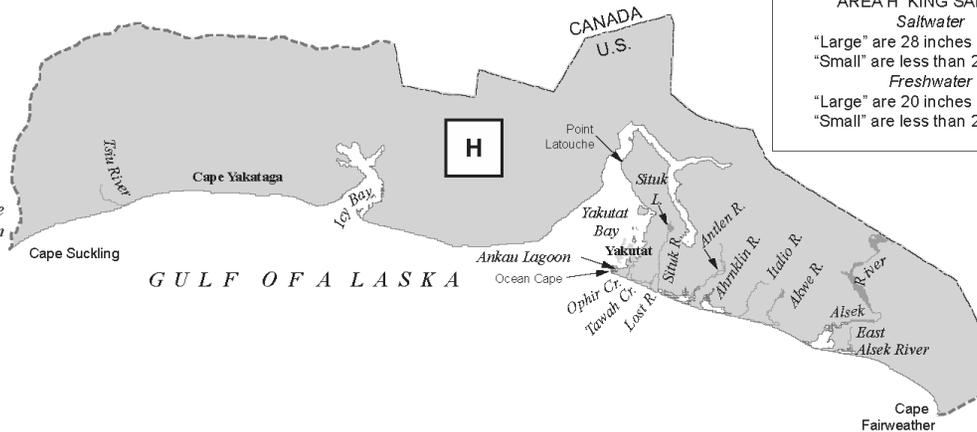
No.	Site Name
724	Yakutat Bay
750	Ankau Lagoon
9991	Other Saltwater (specify site names)

Freshwater

No.	Site Name
135	East Alsek River
117	Itallo River
120	Lost River
148	Situk River, above weir**
149	Situk River, below weir**
134	Tsiu River
9994	Other Streams (specify site names)
9993	Other Lakes (specify site names)

** The Situk weir is located near the river mouth approximately 1.5 miles above the Situk Landing.

YAKUTAT AREA



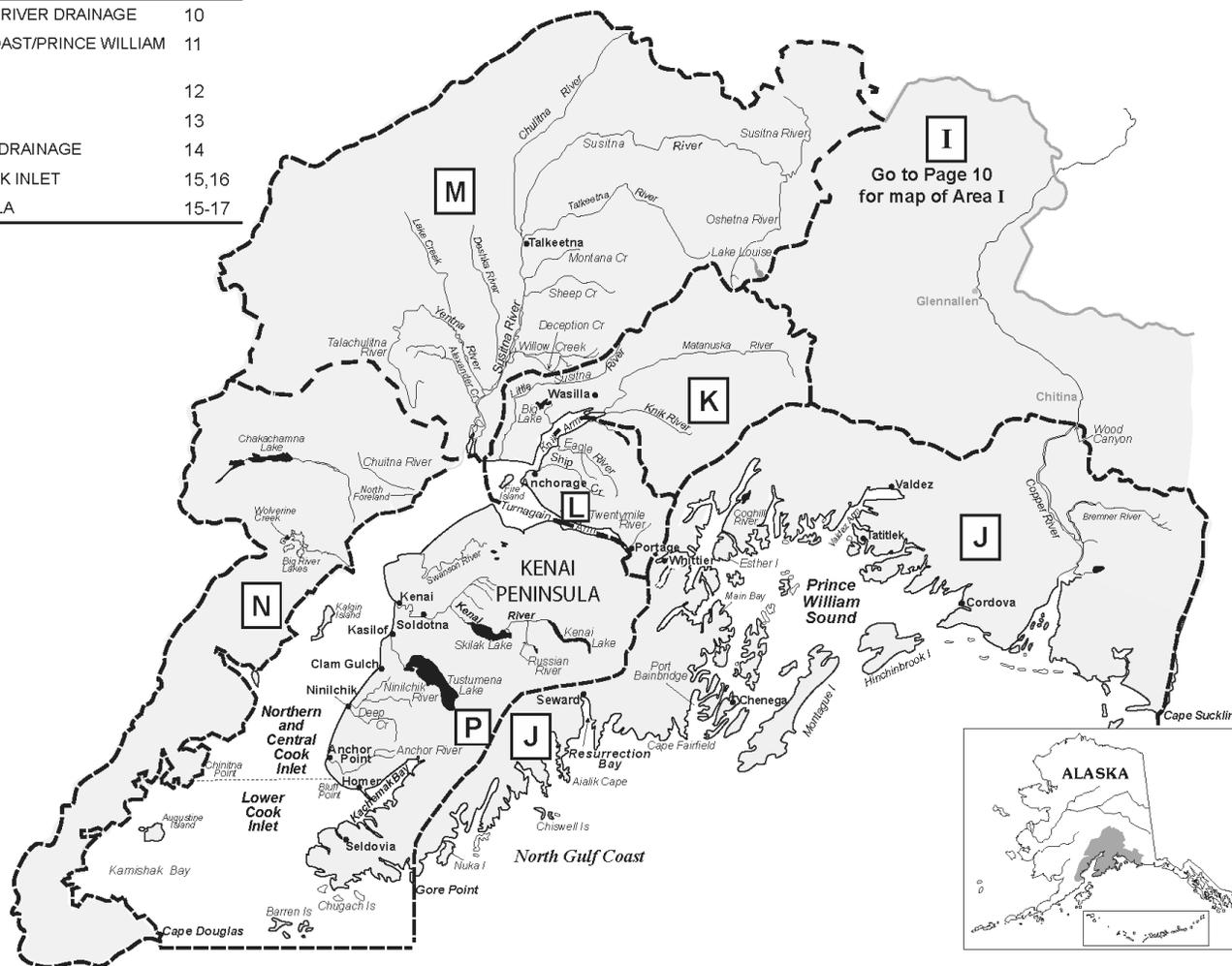
Fish Size Categories
 AREA H KING SALMON
 Saltwater
 "Large" are 28 inches and over;
 "Small" are less than 28 inches.
 Freshwater
 "Large" are 20 inches and over;
 "Small" are less than 20 inches.

TO SAVE POSTAGE, PLEASE DO NOT RETURN THIS BOOKLET WITH YOUR QUESTIONNAIRE.

SOUTHCENTRAL ALASKA INDEX

Area Code Letter	Area Description	Page
I	UPPER COPPER RIVER DRAINAGE	10
J	NORTH GULF COAST/PRINCE WILLIAM SOUND	11
K	KNIK ARM	12
L	ANCHORAGE	13
M	SUSITNA RIVER DRAINAGE	14
N	WEST SIDE COOK INLET	15,16
P	KENAI PENINSULA	15-17

SPORT FISH SURVEY AREAS I - P



227

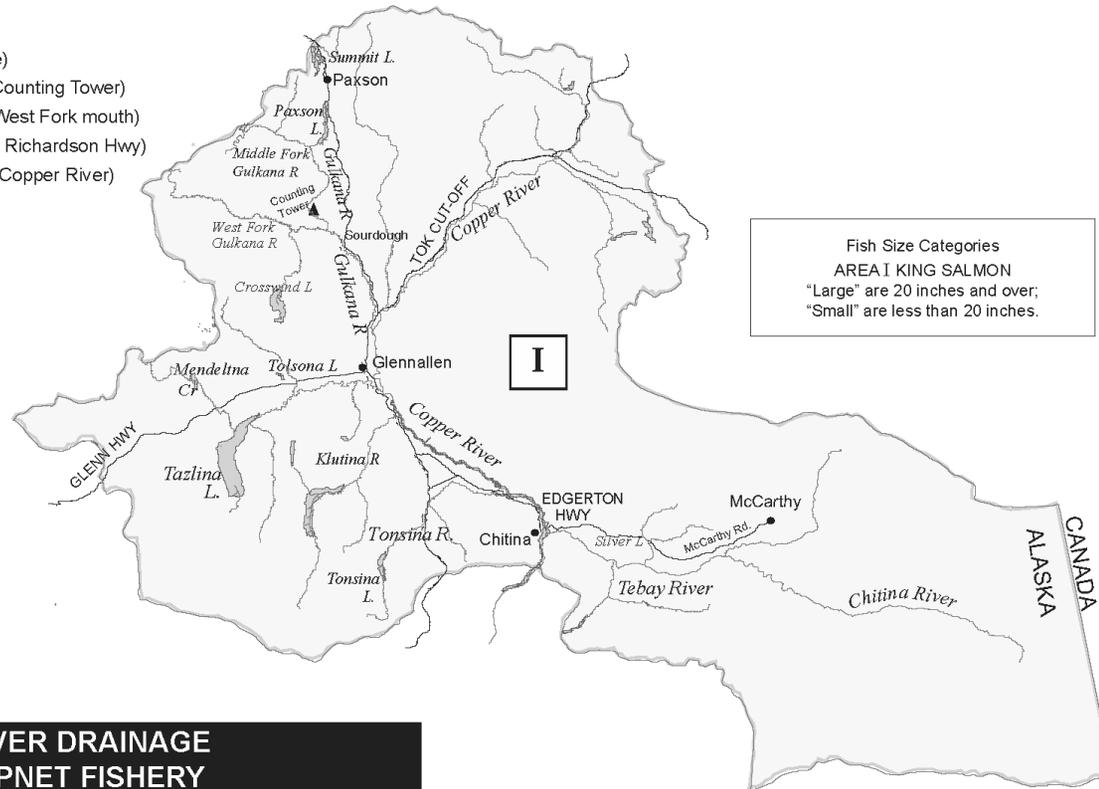
I UPPER COPPER RIVER DRAINAGE SPORTFISHING

SPORT FISHERIES

Freshwater

No.	Site Name
8	Crosswind Lake
650	Gulkana River (Above Paxson Lake)
501	Gulkana River (Paxson L outlet to Counting Tower)
502	Gulkana River (Counting Tower to West Fork mouth)
600	Gulkana River (West Fork mouth to Richardson Hwy)
16	Gulkana River (Richardson Hwy to Copper River)
371	Middle Fork (Gulkana River tributary)
372	West Fork (Gulkana River tributary)
416	Klutina River
212	Mendeltna Creek
13	Paxson Lake
14	Summit Lake (near Paxson)
398	Tolsona Lake
287	Tonsina River
4	Silver Lake
9994	Other Streams (specify site names)
9993	Other Lakes (specify Site names)

UPPER COPPER RIVER DRAINAGE



I UPPER COPPER RIVER DRAINAGE PERSONAL USE DIPNET FISHERY

Personal Use DIPNET FISHERY

No.	Site Name
9010	Copper River (near Chitina) Do not include fishwheel or subsistence dipnetting

228

**J PRINCE WILLIAM SOUND/
NORTH GULF COAST**

SALTWATER SPORTFISHING FROM BOAT

Trip ENDED in Seward - Fish were caught in:

No.	Site Name
1101	Resurrection Bay
1105	North Gulf Coast West of Aialik Cape
1106	North Gulf Coast East of Aialik Cape
1103	Western Prince William Sound
1104	Other site (specify)

Trip ENDED in Whittier, Chenega, or other site in Western Prince William Sound - Fish were caught in:

No.	Site Name
1201	Western Prince William Sound
1202	Eastern Prince William Sound
1203	Other Site (specify)

Trip ENDED in Valdez - Fish were caught in:

No.	Site Name
1301	Western Prince William Sound
1302	Eastern Prince William Sound
1305	Valdez Arm
1303	Other Site (specify)

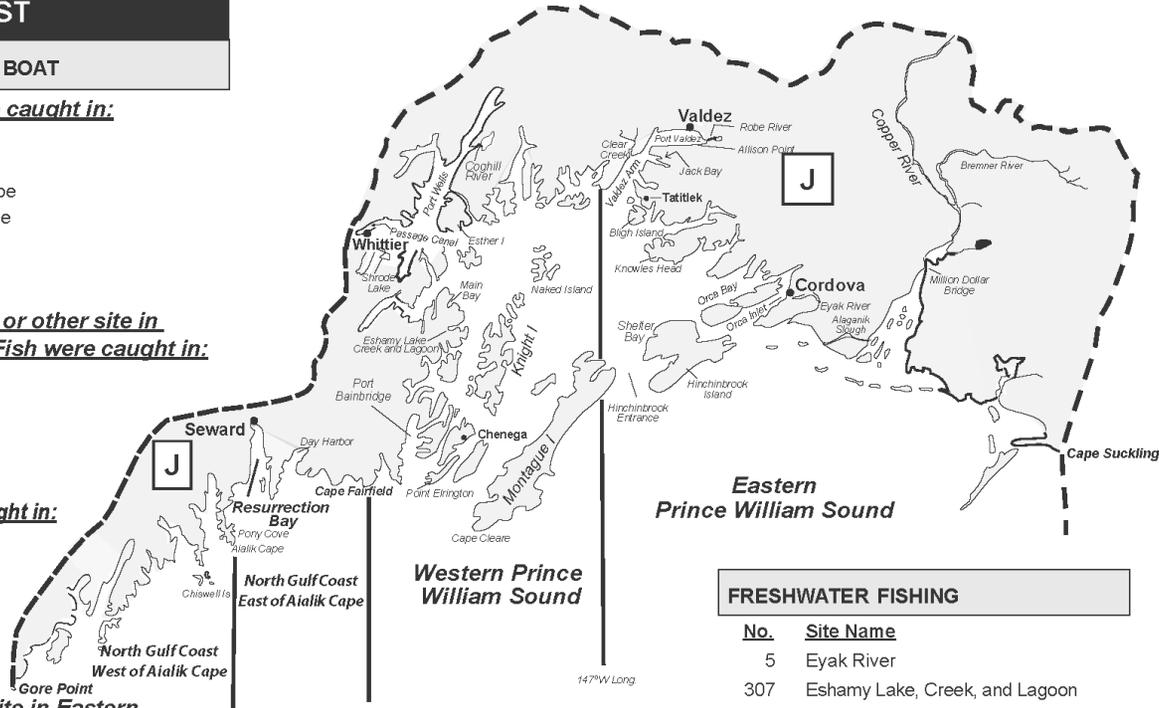
Trip ENDED in Cordova or other site in Eastern Prince William Sound - Fish were caught in:

No.	Site Name
1401	Western Prince William Sound
1402	Eastern Prince William Sound
1403	Other Site (specify)

Trip ENDED in OTHER Saltwater area than those listed above - Fish were caught in:

No.	Site Name
9991	Other site (specify)

PRINCE WILLIAM SOUND/NORTH GULF COAST AREA



Eastern Prince William Sound

FRESHWATER FISHING

No.	Site Name
5	Eyak River
307	Eshamy Lake, Creek, and Lagoon
7	Coghill River
114	Alaganik Slough
222	Robe River
308	Clear Creek
12	Shrode Lake
9994	Other Streams (specify site names)
9993	Other Lakes (specify site names)

SALTWATER FISHING FROM SHORELINE

No.	Site Name
1008	Resurrection Bay (Seward)
759	Whittier, Passage Canal
727	Valdez Road System
747	Remainder of Valdez Arm (specify)
729	Orca Inlet (Cordova)
831	Allison Point
9992	Other Shoreline Site (specify)

Fish Size Categories
AREA J KING SALMON
"Large" are 20 inches and over;
"Small" are less than 20 inches.

TO SAVE POSTAGE, PLEASE DO NOT RETURN THIS BOOKLET WITH YOUR QUESTIONNAIRE.

K KNIK ARM AREA

KNIK ARM AREA

Saltwater

No.	Site Name
1	Fish Creek Area
9991	Other Saltwater (specify site names)

Freshwater

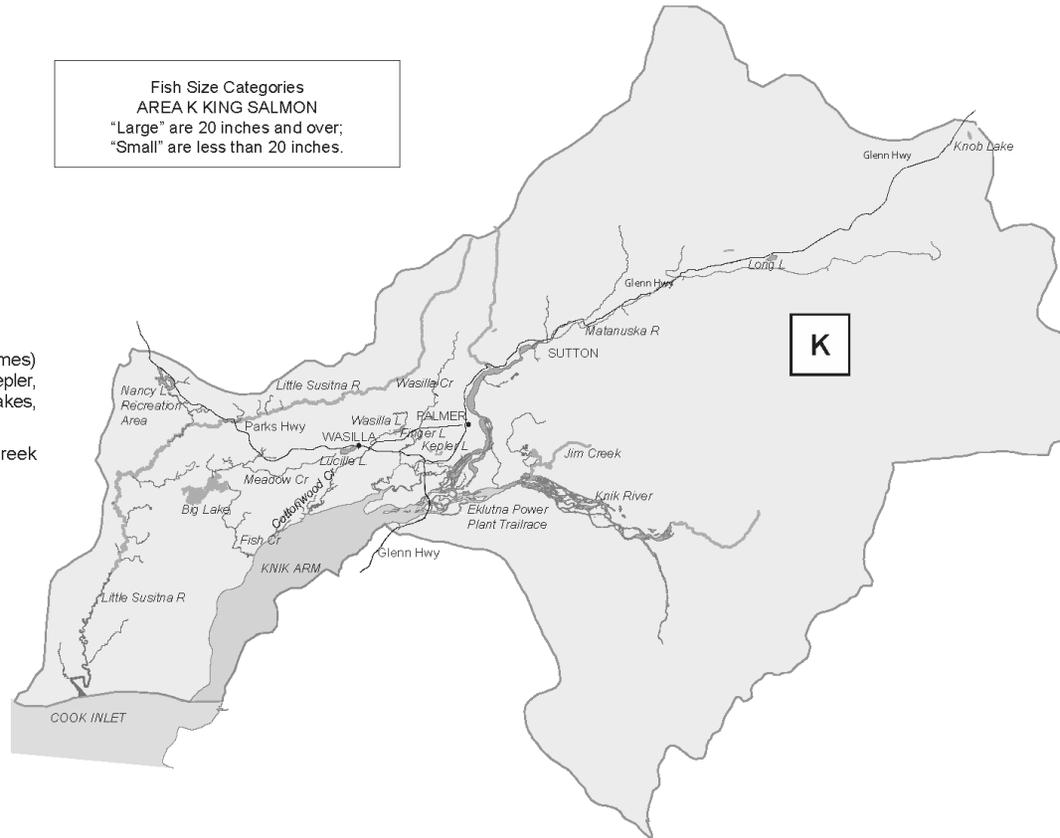
Knik Arm Area

No.	Site Name
12	Big Lake
7	Cottonwood Creek
14	Eklutna Power Plant Raceway
9	Finger Lake
234	Fish Creek, Big Lake Drainage
10	Kepler Lake Complex (specify site names) Includes Bradley, Canoe, Echo, Irene, Kepler, Klaire, Matanuska, Silver, and Victor lakes, and Long Lake
5	Knik River and tributaries including Jim Creek
4	Little Susitna River
11	Lucille Lake
6	Wasilla Creek (Rabbit Slough)
8	Wasilla Lake
9994	Other Streams (specify site names)
9993	Other Lakes (specify site names) If Long Lake, specify location: <ul style="list-style-type: none"> • Kepler Lakes Complex (K 294) • Mile 85 Glenn Hwy (K 221) • In the Willow area (K 316) • In the Big Lake area (K 300)

Nancy Lake Recreation Area Sites

No.	Site Name
13	Nancy Lake
241	South Rolly Lake
244	Other sites within Recreation Area (specify)

Fish Size Categories
AREA K KING SALMON
"Large" are 20 inches and over;
"Small" are less than 20 inches.



K1 FISH CREEK PERSONAL USE DIPNET FISHERY

Personal Use DIPNET FISHERY

No.	Site Name
9000	Fish Creek (Big Lake Drainage) - Personal Use Sockeye Salmon

TO SAVE POSTAGE, PLEASE DO NOT RETURN THIS BOOKLET WITH YOUR QUESTIONNAIRE.

L ANCHORAGE AREA

Saltwater

- | No. | Site Name |
|------|--|
| 9991 | Other Boat sites (specify site names) |
| 9992 | Other Shoreline sites (specify site names) |

Freshwater

Anchorage Area Streams

- | No. | Site Name |
|------|-------------------------|
| 14 | Ship Creek |
| 15 | Bird Creek |
| 16 | Campbell Creek |
| 17 | Twentymile River |
| 218 | Ingram Creek |
| 18 | Eagle River |
| 9994 | Other Streams (specify) |

Eagle River/Chugiak Lakes

- | No. | Site Name |
|-----|---|
| 21 | Beach Lake |
| 139 | Eklutna Lake |
| 6 | Lower Fire Lake |
| 7 | Mirror Lake |
| 228 | Symphony Lake |
| 302 | Other Eagle River/Chugiak Lakes (specify) |

Anchorage Area Lakes

- | No. | Site Name |
|------|------------------------------------|
| 4 | Campbell Point Lake |
| 20 | C Street Lake (Taku-Campbell Lake) |
| 23 | Cheney Lake |
| 138 | Delong Lake |
| 3 | Jewel Lake |
| 215 | Lake Otis |
| 5 | Sand Lake |
| 24 | University (APU) Lake |
| 9993 | Other Lakes (specify site names) |

Elmendorf Air Force Base Lakes

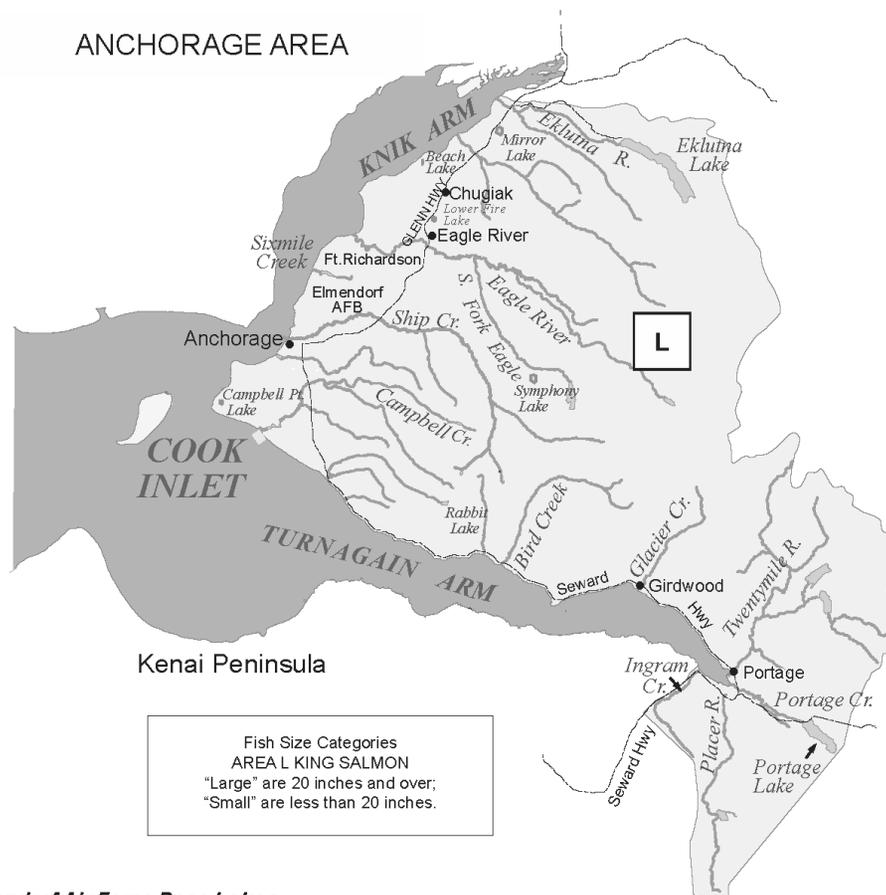
- | No. | Site Name |
|-----|---------------|
| 22 | Fish Lake |
| 12 | Green Lake |
| 13 | Hillberg Lake |
| 11 | Sixmile Lake |
| 188 | Spring Lake |
| 19 | Triangle Lake |

Fort Richardson Lakes

- | No. | Site Name |
|-----|-------------|
| 9 | Clunie Lake |
| 210 | Dishno Pond |
| 10 | Gwen Lake |
| 8 | Otter Lake |
| 208 | Walden Lake |

Turnagain Arm Lakes

- | No. | Site Name |
|-----|----------------------|
| 226 | Rabbit Lake |
| 223 | Alder Pond |
| 227 | Tangle Pond |
| 229 | Airstrip Willow Pond |



M SUSITNA RIVER DRAINAGE

SUSITNA RIVER DRAINAGE

Freshwater

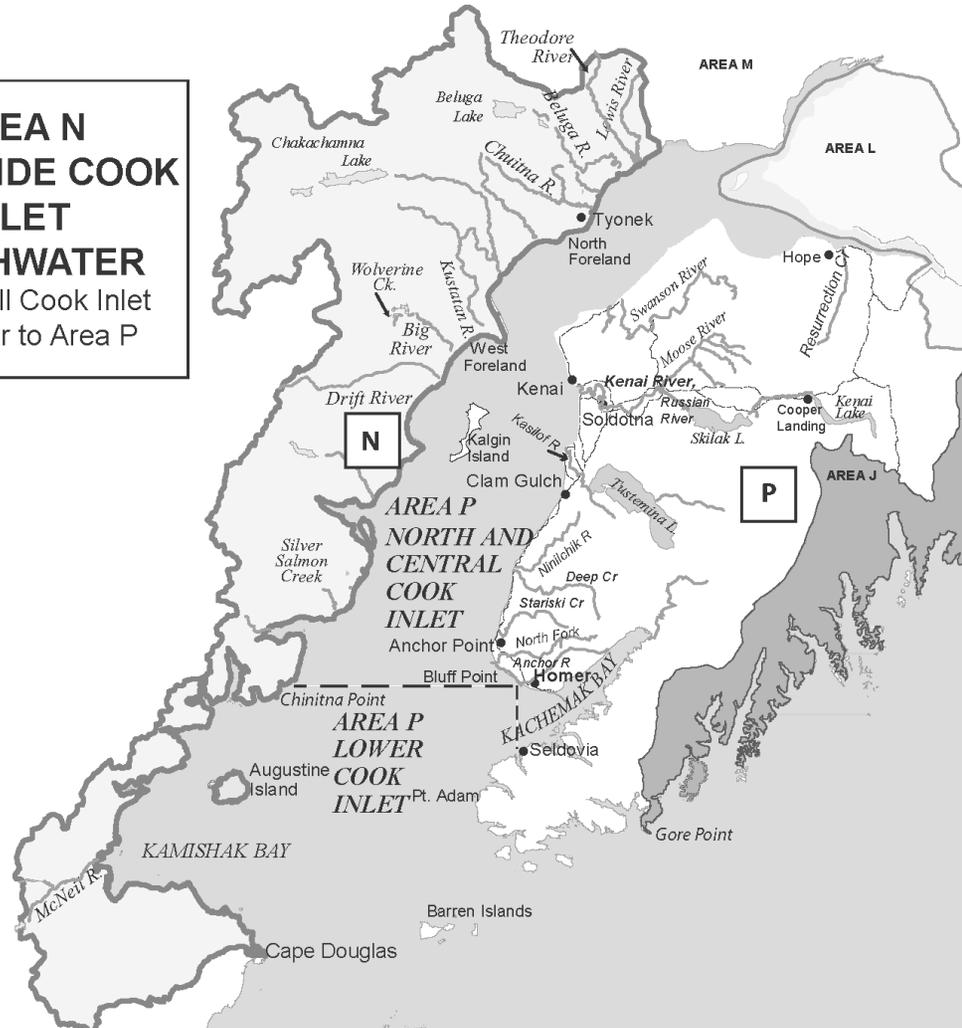
No.	Site Name
1117	Alexander Creek
1118	Alexander Lake
117	Birch Creek
5	Caswell Creek
8	Clear (Chunilna) Creek
1347	Deshka River above weir (weir is at river mile 7)
1348	Deshka River below weir
1171	Fish Lake Creek & Fish Lakes (Yentna Drainage)
138	Goose Creek
143	Kashwitna River
1004	Lake Creek
3010	Lake Louise
10	Little Willow Creek
6	Montana Creek
9	Sheep Creek
1239	Skwentna River
7	Sunshine Creek
3011	Susitna Lake
1251	Susitna River
1007	Talachulitna River
170	Talkeetna River
1262	Trapper Lake
181	Troublesome Creek
3295	Tyone Creek
4	Willow Creek
1277	Yentna River
9993	Other Lakes (specify site names)
9994	Other Streams (specify site names)



Fish Size Categories
 AREA M KING SALMON
 "Large" are 20 inches and over;
 "Small" are less than 20 inches.

TO SAVE POSTAGE, PLEASE DO NOT RETURN THIS BOOKLET WITH YOUR QUESTIONNAIRE.

AREA N
WEST SIDE COOK
INLET
FRESHWATER
Record all Cook Inlet
saltwater to Area P



AREA P
KENAI PENINSULA/
COOK INLET
For map of Kenai River
See Page 17

(Does NOT include Resurrection Bay;
see Page 11, Area J).

For Site Number listings, go to pages 16 and 17

**N WEST SIDE COOK INLET
SPORTFISHING**

Saltwater

In Area N, all fishing sites are Freshwater.
Record all Cook Inlet Saltwater to Area P.

Freshwater

North of North Foreland Fishing Sites

No. Site Name

- 8 Chuitna River
- 10 Lewis River
- 9 Theodore River
- 332 Other Sites (specify site names)

South of North Foreland Fishing Sites

- 186 Kustatan River
- 125 Big River Lakes
- 340 Wolverine Creek (by Big River Lakes)
- 237 Silver Salmon Creek
- 333 Other Sites (specify site names)

**P KENAI PENINSULA/COOK
INLET SPORTFISHING**

Saltwater

No. Site Name

- 980 Cook Inlet north of Bluff and Chinitna Points (including saltwaters by Anchor River, Whiskey Gulch, Deep Creek and Ninilchik rivers)
- 796 Kachemak Bay (including Bluff Point area to Seldovia)
- 952 Lower Cook Inlet sites west of Gore Point and Kachemak Bay (not including Kachemak Bay)
- 823 Homer Spit (Fishing on the Spit)
- 991 Other Lower Cook Inlet and Kachemak Bay Shoreline sites (specify site names)

**P KENAI PENINSULA
SPORTFISHING**

Freshwater

No. Site Name

- 5 Anchor River
- 147 Crescent Lake
- 7 Deep Creek
- 12 Hidden Lake
- 1 Kenai River - Cook Inlet to Soldotna Bridge
- 2 Kenai River - Soldotna Bridge to Moose River
- 3 Kenai River - Moose River to Skilak Outlet
- 4 Kenai River - Skilak Inlet to Kenai Lake
- 500 Kasilof River - Bank Fishing
- 600 Kasilof River - Boat Fishing
- 6 Ninilchik River
- 218 Quartz Creek
- 261 Resurrection Creek (near Hope)
- 8 Stariski Creek
- 9 Russian River (include all fishing in the 1,800 yard section of the Kenai River immediately downstream from the Russian River)
- 228 Skilak Lake
- 334 Swanson River
- 14 Swanson River Canoe Route Lakes
- 226 Sixmile Creek Drainage, including Granite, East Fork, and Canyon Creeks
- 15 Swan Lake Canoe System
- 244 Tustumena Lake
- 9994 Other Streams (specify site names)
- 9993 Other Lakes (specify site names)

Fish Size Categories
AREAS N and P KING SALMON
"Large" are 20 inches and over;
"Small" are less than 20 inches.

**P SHELLFISH FISHERIES
EAST COOK INLET/
KENAI PENINSULA**

Shellfish Fisheries

No. Site Name

- 797 Kachemak Bay (including Bluff Point to Seldovia)
- 1000 CLAMS: Between Anchor Point and Kasilof River (including Whiskey Gulch, Deep Creek, Ninilchik, Clam Gulch and Cohoe beaches)
- 953 Lower Cook Inlet sites west of Gore Point and Kachemak Bay (not including Kachemak Bay)
- 4 Other East Cook Inlet Shellfish sites (specify)

**P SHELLFISH FISHERIES
WEST SIDE COOK INLET**

Shellfish Fisheries

No. Site Name

- 16 Polly Creek Beach/Crescent River Bar
- 700 Shellfish, north of Chinitna Point
- 710 Shellfish, south of Chinitna Point
- 1004 Other West Cook Inlet Shellfish sites (specify)

**P PERSONAL USE
DIPNET FISHERIES
KENAI PENINSULA**

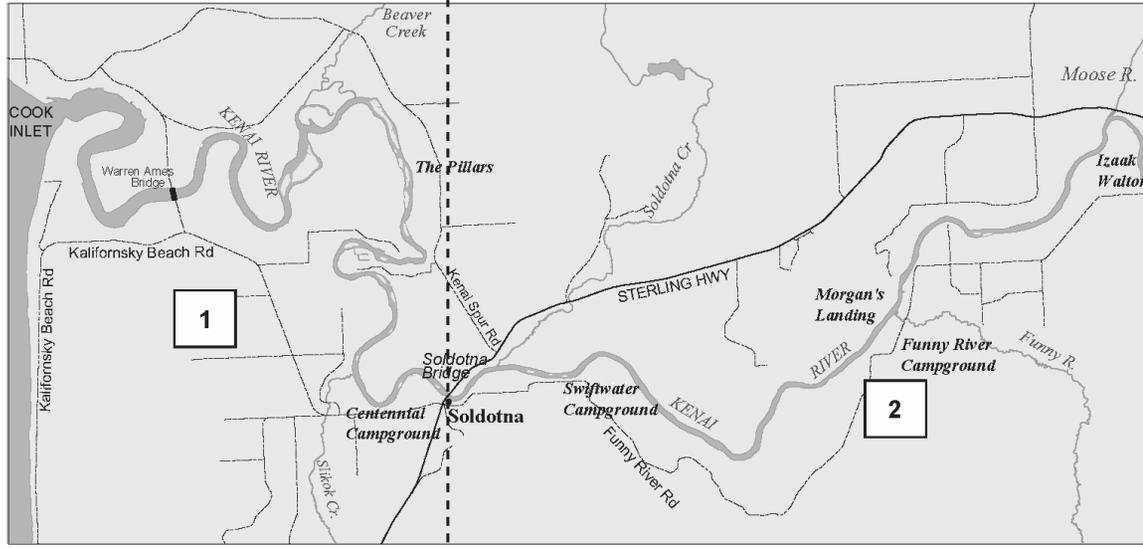
Net Fisheries

No. Site Name

- 9001 China Poot (dipnet)
- 9002 Kenai River (dipnet)
- 9003 Kasilof River (dipnet)
- 9007 Kasilof River (gillnet)

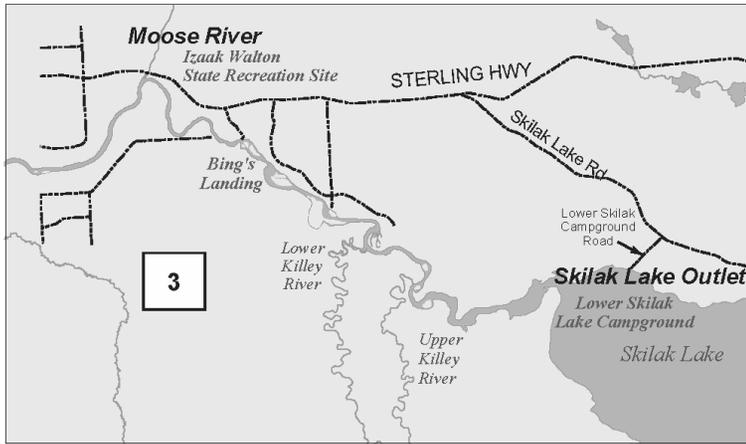
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AREA P KENAI RIVER FISHING SITES

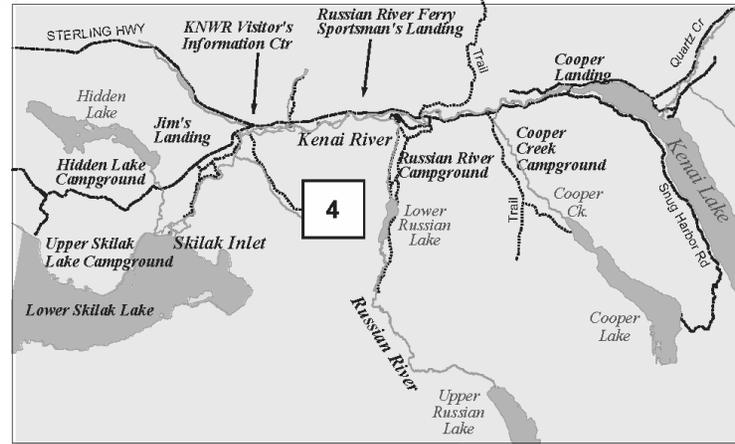


Area Code Letter P
Site No. 1 Kenai River - Cook Inlet to Soldotna Bridge

Area Code Letter P
Site No. 2 Kenai River - Soldotna Bridge to Moose River



Area Code Letter P
Site No. 3 Kenai River - Moose River to Skilak Outlet



Area Code Letter P
Site No. 4 Kenai River - Skilak Inlet to Kenai Lake

Q KODIAK AREA

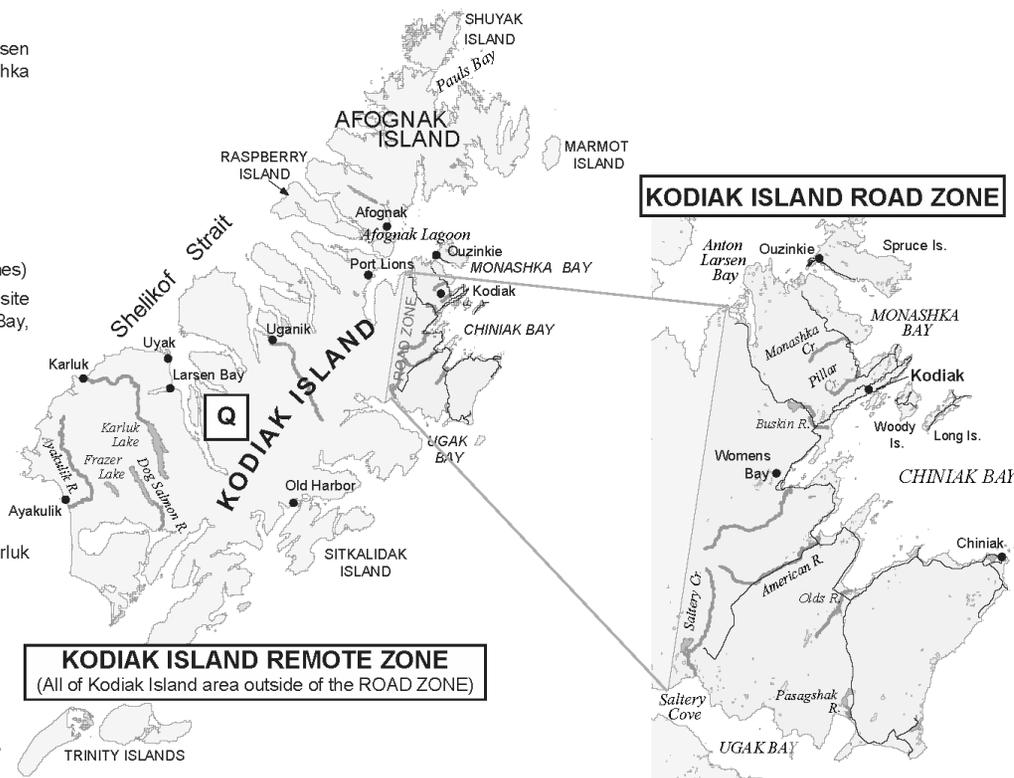
KODIAK AREA

Saltwater

- | No. | Site Name |
|-----|---|
| 736 | Chiniak Bay area from Cape Greville to Anton Larsen Bay, including Cape Chiniak, Mill Bay, Monashka Bay, Spruce Island and all of Chiniak Bay |
| 800 | Shuyak Area |
| 814 | Afognak Island |
| 812 | Pauls Bay |
| 770 | Uyak Bay |
| 887 | Afognak Lagoon (Lithnik) |
| 932 | Other Remote Saltwater Sites (specify site names) |
| 934 | Other Roadside Saltwater Sites (specify site names) Includes Narrow Cape, Pasagshak Bay, and Saltery Cove areas, and Barry Lagoon |

Freshwater

- | No. | Site Name |
|-----|--|
| 114 | American River |
| 174 | Ayakulik (Red) River |
| 3 | Buskin River |
| 277 | Karluk Lake and River ABOVE the weir (the weir is located 0.5 miles upstream of Karluk Lagoon on the Karluk River) |
| 278 | Karluk Lagoon and River BELOW the weir |
| 163 | Olds River (or Creek) |
| 275 | Pasagshak Drainage |
| 276 | Saltery Cove Drainage |
| 108 | Roadside Lakes (specify site names) |
| 109 | Other Lakes (Remote Zone) specify site names |
| 105 | Roadside Streams (specify site names) |
| 106 | Other Streams (Remote Zone) specify site names |



Fish Size Categories
 AREA Q KING SALMON
 "Large" are 20 inches and over;
 "Small" are less than 20 inches.

236

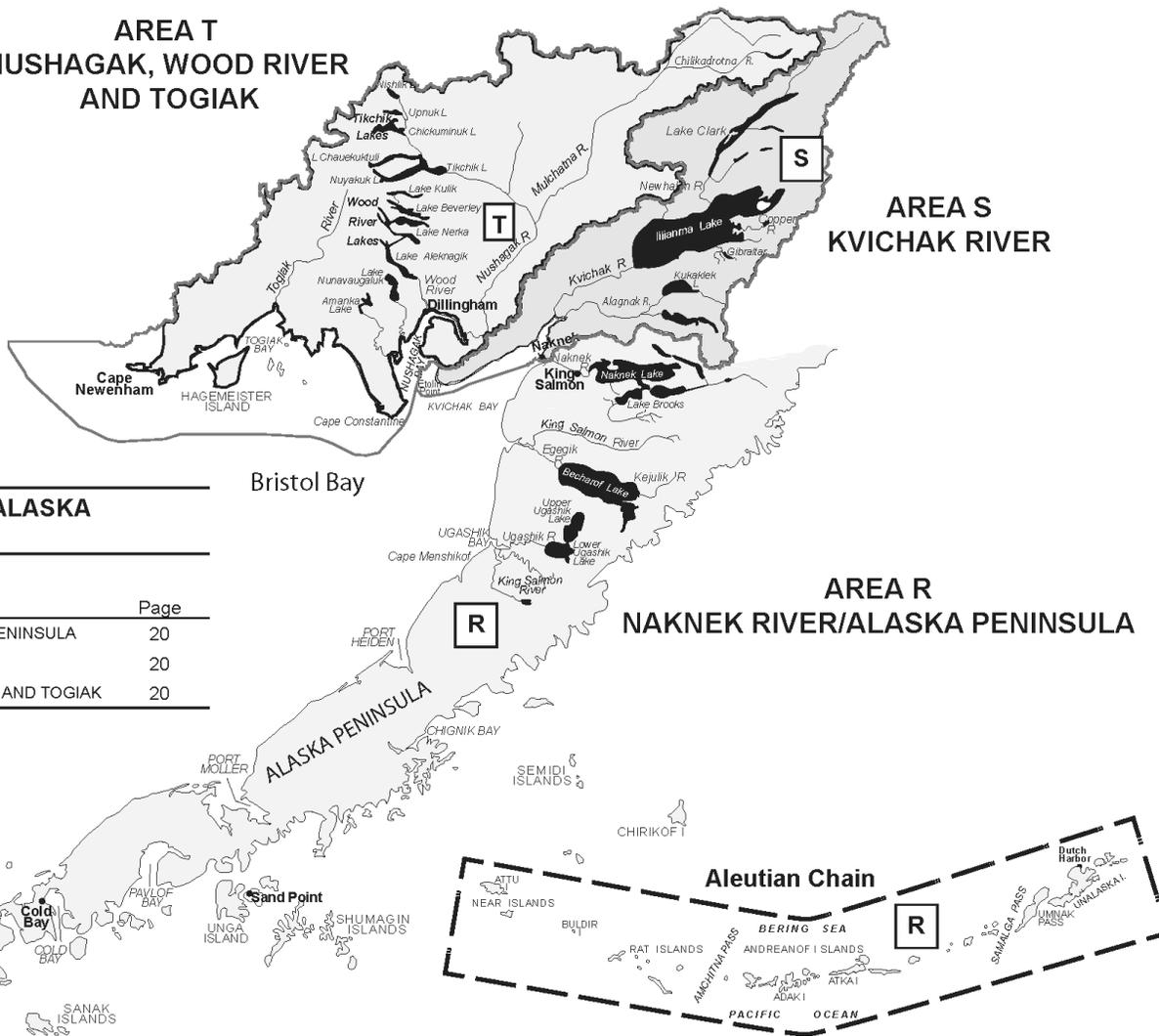
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SOUTHWEST ALASKA AREAS R-T

AREA T NUSHAGAK, WOOD RIVER AND TOGIAK

AREA S KVICHAK RIVER

AREA R NAKNEK RIVER/ALASKA PENINSULA



SOUTHWEST ALASKA INDEX

Area Code Letter	Area Description	Page
R	NAKNEK RIVER/ALASKA PENINSULA	20
S	KVICHAK RIVER	20
T	NUSHAGAK, WOOD RIVER AND TOGIAK	20

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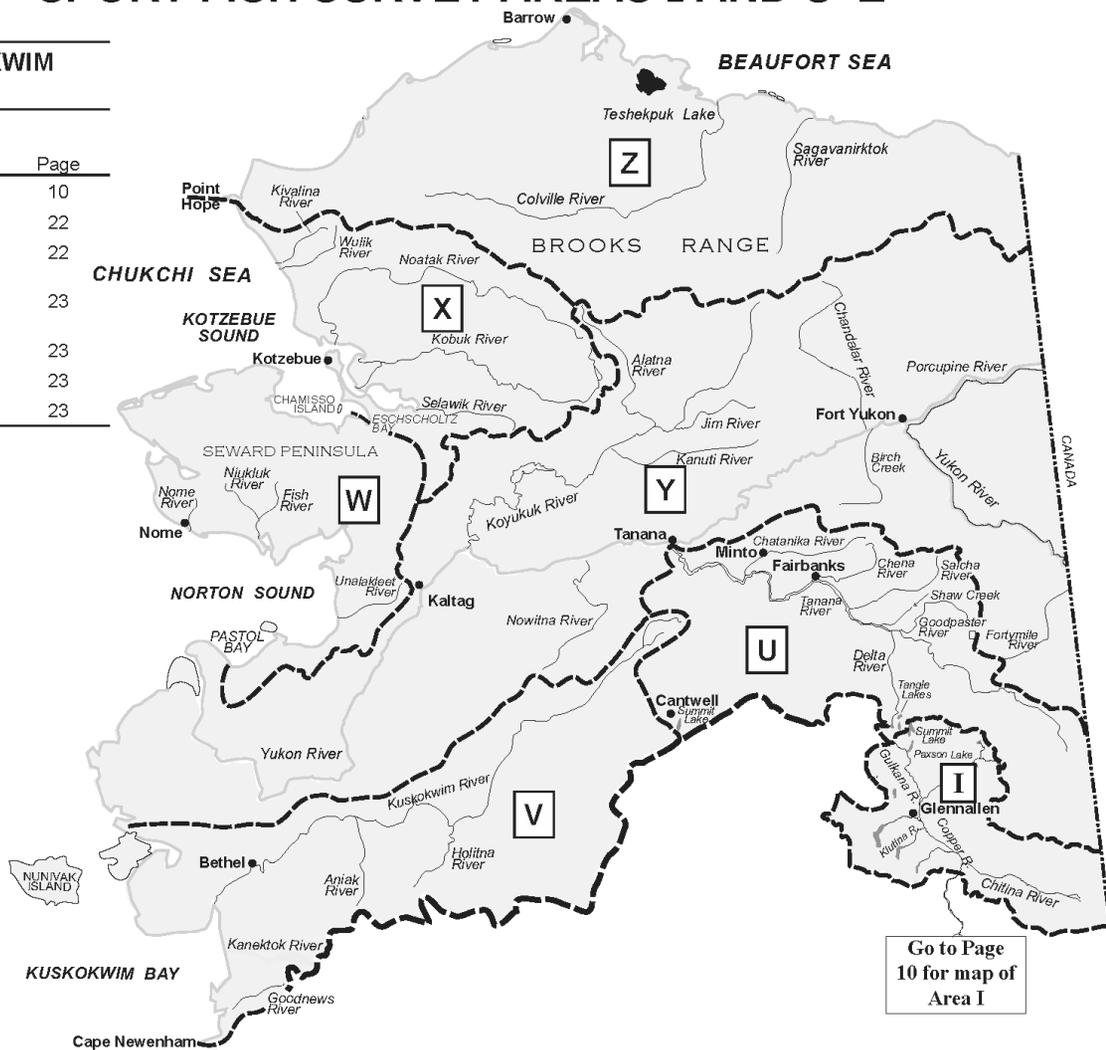
SOUTHWEST ALASKA

R NAKNEK RIVER/ALASKA PENINSULA AREA	S KVICHAK RIVER DRAINAGE	T NUSHAGAK, WOOD RIVER, AND TOGIAK AREA
<p>Saltwater</p> <p>No. Site Name</p> <p>1 Cold Bay Area</p> <p>756 Unalaska Bay Area</p> <p>900 Boat - Cape Menshikof north to Naknek Bay (specify) includes Ugashik, Egegik, and Naknek Bays</p> <p>950 Boat - Other Alaska Peninsula <u>not</u> in Cold Bay, or in Unalaska Bay west of Cape Menshikof and Cape Douglas (specify)</p> <p>9991 Other Saltwater (specify site names)</p> <p>Freshwater</p> <p>No. Site Name</p> <p>182 American Creek</p> <p>12 Becharof System (including Becharof Lake, Kejukik and Egegik rivers, and Shosky Creek)</p> <p>13 Brooks Lake</p> <p>10 Brooks River</p> <p>130 Chignik River</p> <p>5 Cold Bay Area (including Russel Creek)</p> <p>8 Naknek Lake - Bay of Islands</p> <p>9 Naknek Lake - Other</p> <p>275 Naknek River upstream section, from Rapids Camp 9 miles upstream to Naknek Lake Outlet, including tributaries</p> <p>279 Naknek River, downstream section, from Rapids Camp downstream 19 miles to saltwater, including tributaries. Includes Naknek River near the community of King Salmon.</p> <p>11 Ugashik System, including Ugashik River, and Upper/Lower Ugashik Lakes</p> <p>281 Unalaska Bay Streams</p> <p>9994 Other Streams (specify Site names) If King Salmon River, specify location:</p> <ul style="list-style-type: none"> • near the community of King Salmon (R 143) • near Egegik Bay (R 144) • near Ugashik Bay (R 194) • near Port Moller (R 195) <p>9993 Other Lakes (specify site names)</p>	<p>Saltwater</p> <p>No. Site Name</p> <p>9991 Specify site names</p> <p>Freshwater</p> <p>No. Site Name</p> <p>8 Alagnak (Branch) River</p> <p>141 Battle River</p> <p>5 Copper River (tributary of Iliamna Lake)</p> <p>146 Funnel Creek</p> <p>6 Gibraltar Lake</p> <p>170 Gibraltar River</p> <p>125 Iliamna Lake</p> <p>120 Iliamna River</p> <p>183 Kukaklek River (Big Ku)</p> <p>123 Kulik River</p> <p>3 Kvichak River</p> <p>9 Lake Clark</p> <p>134 Moraine Creek</p> <p>7 Newhalen River</p> <p>4 Lower Talarik Creek</p> <p>139 Upper Talarik Creek</p> <p>9994 Other Streams (specify site names)</p> <p>9993 Other Lakes (specify site names)</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Fish Size Categories AREA R-T KING SALMON "Large" are 20 inches and over; "Small" are under 20 inches</p> </div>	<p>Saltwater</p> <p>No. Site Name</p> <p>9991 Specify site names</p> <p>Freshwater</p> <p><u>Nushagak River Sites:</u></p> <p>Do not include Mulchatna River and tributaries, Kokwok, and lowithla Rivers (See other Area T sites, below)</p> <p>No. Site Name</p> <p>207 Nushagak River from Black Point upstream to sonar site (by Portage Creek)</p> <p>208 Nushagak River, sonar site (by Portage Creek) upstream to outlet of Mulchatna River</p> <p>190 Nushagak River, upstream from outlet of Mulchatna River</p> <p>3 Remainder of Nushagak System (specify)</p> <p><u>Other Area T Sites:</u></p> <p>No. Site Name</p> <p>7 Mulchatna River</p> <p>112 Lake Aleknagik</p> <p>111 Agulowak River</p> <p>128 Agulukpak River</p> <p>4 Other Wood River Lakes System (includes lakes Nerka, Beverley, and Kulik)</p> <p>206 Nuyakuk River</p> <p>5 Other Tikchik-Nuyakuk Lake System (includes Nuyakuk, Tikchik, Chickuminuk, Nishlik, and Upnuk lakes, and Lake Chauekuktuli)</p> <p>6 Togiak River (Including Togiak River/Lake drainage area)</p> <p>9994 Other Streams (specify site names)</p> <p>9993 Other Lakes (specify site names)</p>

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ARCTIC-YUKON-KUSKOKWIM SPORT FISH SURVEY AREAS I AND U-Z

ARCTIC-YUKON-KUSKOKWIM INDEX		
Area Code Letter	Area Description	Page
I	UPPER COPPER RIVER DRAINAGE	10
U	TANANA RIVER DRAINAGE	22
V	KUSKOKWIM RIVER/ KUSKOKWIM BAY DRAINAGES	22
W	SEWARD PENINSULA/ NORTON SOUND	23
X	NORTHWEST ALAKSA	23
Y	YUKON RIVER DRAINAGE	23
Z	NORTH SLOPE-BROOKS RANGE	23



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ARCTIC-YUKON-KUSKOKWIM

U TANANA RIVER DRAINAGE

Freshwater Lakes and Ponds

No.	Site Name
9	Birch Lake
347	Chena Hot Springs Road ponds (along the Chena Hot Springs Road from mile 30 to mile 50)
18	Chena Lake Recreation Area
584	Coal Mine Road Lakes (Accessible from the Coal Mine Road, mile 242 Richardson Hwy, approximately 22 miles south of Delta Junction)
408	Dune Lake
163	East Twin Lake
13	Fielding Lake
11	George Lake
189	Harding Lake
201	Koole Lake
583	Meadow Road Lakes (along the Meadow and Ridge roads in the southern part of Fort Greely Military Reservation, including Weasel Lake)
14	Minto Flats; lakes and rivers of Minto Flats State Game Refuge
10	Quartz Lake
346	Steese Ponds (along the Steese Highway from mile 30 to mile 40)
15	Tangle Lakes and River (including Long Tangle, Lower Tangle, Landlocked Tangle, Round Tangle, and Upper Tangle lakes)
12	Volkmar Lake
9993	Other Lakes (specify site names)

Freshwater Streams

No.	Site Name
137	Brushkana Creek
613	Lower Chatanika River and tributaries (downstream of Elliot Highway)
614	Upper Chatanika River and tributaries (upstream of Elliot Highway)
1050	Lower Chena River (Lower Chena River and tributaries) from the mouth upstream to the Moose Creek Dam at river mile 45. Includes all parts of Badger (Chena) Slough
1051	Upper Chena River (Upper Chena River and tributaries upstream of the Moose Creek Dam at river mile 45)
6	Delta Clearwater Creek
17	Delta River (below Tangle Lakes)
8	Goodpaster River
513	Nenana R. drainage (<u>not</u> including Brushkana Cr.)
319	Piledriver Slough (including Moose Creek)
7	Richardson Clearwater Creek
5	Salcha River
16	Shaw Creek
514	Lower Tanana River downstream from Nenana (mainstem only)
515	Middle Tanana River between Delta Junction and Nenana (mainstem only)
516	Upper Tanana River upstream from Delta Junction (mainstem only)
9994	Other Streams (specify site names)

V KUSKOKWIM RIVER-KUSKOKWIM BAY DRAINAGES

Saltwater

No.	Site Name
9991	Specify site names

Freshwater

Kuskokwim River upstream of Aniak R.

No.	Site Name
300	Kuskokwim River mainstem above Aniak River
6	Holitna River
134	George River
301	Other Streams (specify site names)
302	Lakes (specify Site names)

Kuskokwim River downstream of Aniak R.

No.	Site Name
310	Kuskokwim River mainstem below Aniak River
5	Aniak River
43	Kisaralik River
19	Kwethluk River
311	Other Streams (specify Site names)
312	Lakes (specify Site names)

Kuskokwim Bay Streams and Lakes

No.	Site Name
3	Kanektok River
4	Goodnews River
321	Other Streams (specify site names)
322	Lakes (specify site names)

Fish Size Categories
 AREA U-V KING SALMON
 "Large" are 20 inches and over;
 "Small" are less than 20 inches.

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ARCTIC-YUKON-KUSKOKWIM

W SEWARD PENINSULA/ NORTON SOUND AREA

Saltwater

No. Site Name

9991 Specify site names

Freshwater

No. Site Name

- 11 Eldorado River
- 112 Fish River and tributaries (including Pargon, Rathlatulik, and Boston Creek; excludes Niukluk River)
- 210 Niukluk River and tributaries (below the ADF&G Tower)
- 211 Niukluk R. and tributaries (above the ADF&G Tower, including Casadepaga River)
- 30 Flambeau River
- 14 Fox River
- 18 Kuzitrin River
- 4 Nome River
- 94 North River
- 6 Pilgrim River
- 41 Shaktoolik River
- 22 Sinuk River
- 12 Snake River
- 15 Solomon River
- 3 Unalakleet River
- 9994 Other Streams (specify site names)
- 9993 Lakes (specify site names)

Fish Size Categories
AREAS W - Z KING SALMON
"Large" are 20 inches and over;
"Small" are less than 20 inches.

X NORTHWEST ALASKA AREA

Saltwater

Site Name

9991 Specify site names

Freshwater

Site Name

- 78 Desperation Lake
- 13 Feniak Lake
- 16 Kelly River
- 17 Kivalina River
- 4 Kobuk River
- 32 Matcharak Lake
- 3 Noatak River
- 24 Selawik River
- 27 Squirrel River
- 28 Walker Lake
- 5 Wulik River
- 9994 Other Streams (specify site names)
- 9993 Other Lakes (specify site names)

Y YUKON RIVER DRAINAGE

Yukon R Drainage, Downstream from Koyukuk R

No. Site Name

- 147 Andreafsky River
- 148 Anvik River
- 182 Innoko River
- 247 Other sites Yukon River downstream from Koyukuk River (specify)

Yukon R Drainages, Koyukuk R to Ft Yukon

ACCESSED from Dalton Hwy (Haul Road)

No. Site Name

- 15 Jim River
- 400 Kanuti River (accessed from Dalton Highway)
- 410 Koyukuk River Middle Fork (accessed from Dalton Hwy)
- 420 Koyukuk River South Fork (accessed from Dalton Hwy)
- 899 Other Streams accessed from Dalton Hwy (specify)
- 898 Other Lakes accessed from Dalton Hwy (specify)

Yukon R Drainages, Koyukuk R to Fort Yukon

NOT ACCESSED from Dalton Hwy (Haul Road)

- 500 Kanuti River (not accessed from Dalton Hwy)
- 510 Koyukuk River Middle Fork (not accessed from Dalton Hwy)
- 520 Koyukuk River South Fork (not accessed from Dalton Hwy)
- 16 Koyukuk R mainstem (downstream from confluence with South Fork, not accessed from Dalton Hwy)
- 204 Nowitna River
- 94 Dall River
- 202 Beaver and Nome creeks (Steese Highway)
- 255 Birch Creek (Steese Highway)
- 24 Porcupine River Drainage
- 248 Other sites, Koyukuk R to Fort Yukon (specify)

Yukon R Drainages, Fort Yukon to Canadian Border

No. Site Name

- 249 Other Sites (specify site names)

Z NORTH SLOPE/ BROOKS RANGE AREA

Saltwater

No. Site Name

9991 Specify site names

Freshwater

Lakes Near Dalton Highway (Haul Road)

No. Site Name

- 43 Toolik Lake
- 60 Galbraith Lake
- 99 Other Lakes (specify)

Streams Near the Dalton Hwy (Haul Road)

No. Site Name

- 76 Sagavanirktok River
- 100 Other Streams (specify)

Remainder of North Slope-Brooks Range Area

No. Site Name

- 14 Kongakut River
- 9994 Other Streams (specify)
- 9993 Other Lakes (specify)

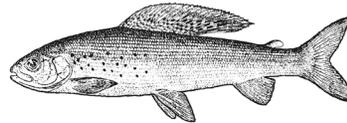
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THANK YOU!
YOUR PARTICIPATION SUPPORTS SUSTAINABLE SPORT FISHERIES THROUGHOUT THE STATE OF ALASKA.

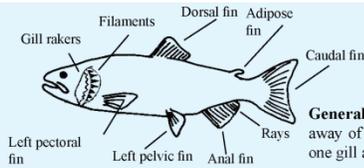
Feel free to call us if we can assist you at (907) 267-2280 or, email us at: dfg.dsf.publications@alaska.gov

Please visit our website, which provides current and historic information gathered from this vital survey.
Our web address is: <http://www.sf.adfg.state.ak.us/Statewide/ParticipationAndHarvest/index.cfm>



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HOW TO IDENTIFY SALMON, TROUT, AND OTHER SPECIES COMMONLY FOUND IN ALASKA



General Characteristics of Fish: cut away of operculum (gill-cover) showing one gill arch, filaments, and gill rakers.

ALASKA'S WILD SALMON ARE FOUND IN BOTH FRESH AND SALTWATERS



King (Chinook) Salmon
Oncorhynchus tshawytscha

Small black spots on back and both lobes of tail. Gum line on lower jaw black. Less than 25 gill rakers, 15-17 anal fin rays. The largest of all Pacific salmon, 30-55 inches.



Silver (Coho) Salmon
Oncorhynchus kisutch

Small black spots usually occur only on upper lobe of tail and on back. Gum line on lower jaw not black. Scales large; less than 25 gill rakers, 13-15 anal fin rays. Size 24-28 inches.



Sockeye (Red) Salmon
Oncorhynchus nerka

No distinct black spots on back or tail; over 30-40 long, fine, serrated and closely spaced gill rakers over 12 anal fin rays. Relatively large eye. Size 18-24 inches.



Pink (Humpback) Salmon
Oncorhynchus gorbuscha

Large oval black spots on back and on both lobes of tail; scales very small; usually over 12 anal fin rays; males develop a pronounced hump during spawning. Size 15-24 inches.



Chum (Dog) Salmon
Oncorhynchus keta

No distinct black spots on back or tail; 18-28 smooth, short, stout, and widely spaced gill rakers; usually over 12 anal fin rays. Size 24-32 inches.



Steelhead
Oncorhynchus mykiss

Sea-run rainbow trout with bluish gray back and bright silvery sides. Small black spots on back, sides and tail. Pink/red coloration develops after returning to fresh water to spawn. Size several inches to over 40 inches.



Rainbow Trout
Oncorhynchus mykiss

Freshwater residents. Green to bluish black with silvery to yellowish-green sides. Broad pinkish band along side and black spots on back, sides, and tail. Upper jaw usually does not extend past eye.



Dolly Varden/Arctic Char
Salvelinus malma, *S. alpinus*

Round, red, pink or yellow spots on sides, tail slightly forked; 8-12 anal fin rays; no dark green wavy marks on back or dorsal fin. Arctic char occur from Bristol Bay to polar regions.



Lake Trout
Salvelinus namaycush

Body dark green to grayish with oval irregular white to yellowish spots on sides and back, tail deeply forked; 8-12 anal fin rays; no dark green wavy marks on back or dorsal fin.



Cutthroat Trout
Oncorhynchus clarki

Spots on body dark brown or black; 8-12 anal fin rays, no red band on sides; red to orange slash on underside of lower jaw; upper jaw extends well behind eye in adults.



Arctic Grayling
Tymallus arcticus

Dorsal fin much longer than in whitefish (especially in males) and fan-like. Rows of reddish to orange and/or purple to green spots on dorsal fin; sides of fish are black spotted; scales larger than in trouts.



Burbot
Lota lota

Two dorsal fins and one anal fin present; no adipose fin as in trouts, salmon, grayling and whitefish; pelvic fins very far forward and just under head; body long and tapering; barbel on chin.



Whitefish

Whitefish are distinguished from the trout and salmon by the small, weak, or absent teeth and the presence of large scales; distinguished from Arctic grayling by the much smaller dorsal fin.



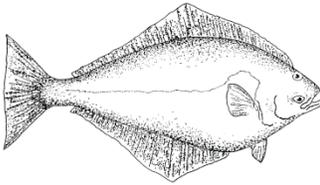
Northern Pike
Esox lucius

Dorsal and anal fins positioned rearward; no adipose fin as in trouts, salmon, grayling and whitefish; long flattened jaws with large mouth and many sharp teeth, sides are yellowish gray.

Several common species that occur in AK are the **round** and **humpback** whitefish, **least cisco**, and **sheefish**. A sheefish is shown.

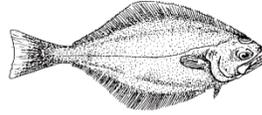
SALTWATER SPECIES COMMONLY FOUND IN ALASKA

FLATFISH



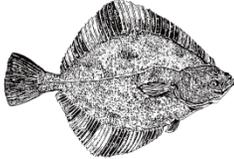
Pacific Halibut

Hippoglossus stenolepis
More elongated than most flatfishes, with width being about one-third the length. Adults have both eyes on their dark or upper side. Color on the dark side tends to assume the coloration of the ocean bottom. The underside is lighter, often white.



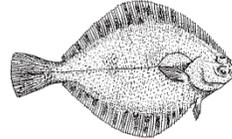
Arrowtooth Flounder

Atheresthes stomias
Large mouth and numerous sharp teeth. Little arching of lateral line. Upper eye reaches top of head. Length to 34 inches.



Starry Flounder

Platichthys stellatus
Black and yellow to orange bands on fins. Length to 36 inches.



Rock Sole

Lepidopsetta bilineata
Lateral line arched over pectoral fin. Jaw does not extend below middle of eye. Length to 24 inches.

ROCKFISH

More than 30 species occur in Alaska's coastal waters, and about a dozen are commonly taken in Alaska sport fisheries, including **yelloweye, black, dusky, quillback, copper, tiger, china, canary, redstripe, silvergray, roughey** and **shortraker** rockfish. These fish are characterized by having bony plates or spines on the head and body, a large mouth, and pelvic fins attached forward near the pectoral fins. The spines are venomous, and although not extremely toxic, can cause pain and infection. Some species are brightly colored, and many are difficult to distinguish from one another.



Black Rockfish

Sebastes melanops
Often misnamed "black bass". Dark gray to black with dusky white belly. Jaw extends to rear of eye. Up to 25 inches.



Yelloweye Rockfish

Sebastes ruberrimus
Also called red snapper. Orange red and orange yellow, with bright yellow eye. Size up to 36 inches. This is a non-pelagic rockfish; bottom dwelling and found on or near the ocean floor.



Dusky Rockfish

Sebastes ilianus
There are both dark colored species (uniformly black, no white belly), and light dusky rockfish (brownish body color, whitish belly).



Copper Rockfish

Sebastes caurinus
Olive brown to copper with pink or yellow blotches, white on sides and belly. Up to 22 inches. Non-pelagic.

OTHER SALTWATER SPECIES



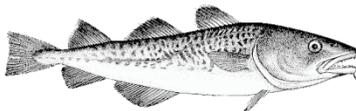
Lingcod

Ophiodon elongatus
Brown to reddish-brown with spots or blotches. Sharp teeth. Elongated body, large head and mouth, no barbel. Single dorsal fin, notched past the middle of its length. Can grow to 5 ft.



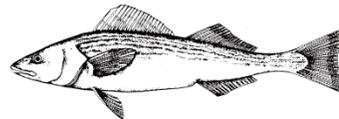
Kelp Greenling

Hexagrammos decagrammus
In the same family as lingcod, but lacking rigid spines on the dorsal fin. Male kelp greenling have irregular blue spots; females are various shades of golden yellow on their heads and fins. Only grow to about 21 inches.



Pacific Cod, tomcod, and pollock

All have three distinct dorsal fins, and two anal fins. No rigid spines on their fins. Small teeth. Pacific cod and tomcod have a prominent barbel beneath their chin; on pollock it is very small or absent. Pacific cod grow to 40 inches.



Sablefish, also known as "black cod"

Anoplopoma fimbria

Sablefish, commonly known as black cod, have a streamlined, elongated body, black to dark gray above fading to gray or white in the belly, with two dorsal fins and small teeth. Larger fish found in deep water, can grow to 40 inches.