Fishery Data Series No. 07-40

Participation, Catch, and Harvest in Alaska Sport Fisheries During 2004

by

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and

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June 2004

Alaska Department of Fish and Game **Divisions of Sport Fish and Commercial Fisheries**

Symbols and Abbreviations

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Weights and measures (metric)

centimeter	cm
deciliter	dL
gram	g
hectare	ha
kilogram	kg
kilometer	km
liter	L
meter	m
milliliter	mL
millimeter	mm

Weights and measures (English)

cubic feet per second	ft^3/s
foot	ft
gallon	gal
inch	in
mile	mi
nautical mile	nmi
ounce	oz
pound	lb
quart	qt
yard	yd

Time and temperature

day	d
degrees Celsius	°C
degrees Fahrenheit	°F
degrees kelvin	K
hour	h
minute	min
second	s

Physics and chemistry

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

General

Alaska Department of Fish and Game	ADF&G
Alaska Administrative Code	AAC
all commonly accepted abbreviations	e.g., Mr., Mrs., AM, PM, etc.
all commonly accepted professional titles	e.g., Dr., Ph.D., R.N., etc.
at	@
compass directions:	
east	E
north	N
south	S
west	W
copyright	©
corporate suffixes:	
Company	Co.
Corporation	Corp.
Incorporated	Inc.
Limited	Ltd.
District of Columbia	D.C.
et alii (and others)	et al.
et cetera (and so forth)	etc.
exempli gratia (for example)	e.g.
Federal Information Code	FIC
id est (that is)	i.e.
latitude or longitude	lat. or long.
monetary symbols (U.S.)	$, ¢
months (tables and figures): first three letters	Jan,...,Dec
registered trademark	®
trademark	™
United States (adjective)	U.S.
United States of America (noun)	USA
U.S.C.	United States Code
U.S. state	use two-letter abbreviations (e.g., AK, WA)

Measures (fisheries)

fork length	FL
mideye-to-fork	MEF
mideye-to-tail-fork	METF
standard length	SL
total length	TL

Mathematics, statistics

all standard mathematical signs, symbols and abbreviations	
alternate hypothesis	H_A
base of natural logarithm	*e*
catch per unit effort	CPUE
coefficient of variation	CV
common test statistics	(F, t, χ^2, etc.)
confidence interval	CI
correlation coefficient (multiple)	R
correlation coefficient (simple)	r
covariance	cov
degree (angular)	°
degrees of freedom	df
expected value	*E*
greater than	>
greater than or equal to	≥
harvest per unit effort	HPUE
less than	<
less than or equal to	≤
logarithm (natural)	ln
logarithm (base 10)	log
logarithm (specify base)	$log_{2,}$ etc.
minute (angular)	'
not significant	NS
null hypothesis	H_O
percent	%
probability	P
probability of a type I error (rejection of the null hypothesis when true)	α
probability of a type II error (acceptance of the null hypothesis when false)	β
second (angular)	"
standard deviation	SD
standard error	SE
variance	
population	Var
sample	var

FISHERY DATA SERIES NO. 07–40

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PREFACE

A full text Adobe PDF file of this report, as well as summaries of 2004 and prior-year estimates, is available via the division's Internet site. This report can be found under the Sport Fish Publications section at **http://www.sf.adfg.state.ak.us/statewide/divreports/html/intersearch.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*.

Detailed area harvest estimates and summaries of sport fishing participation, catch, and harvest from 2000 to 2005 are displayed at:

http://www.sf.adfg.state.ak.us/statewide/participationandharvest/html/index.cfm.

This report documents participation, catch, and harvest for 2004, which are tabulated by region, area, fishery, and species in Appendix A.

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 2004. In 2004, an estimated 484,266 anglers fished 2,473,961 days and kept 3,332,948 of 8,490,433 fish caught.

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

INTRODUCTION

A statewide database providing 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 harvested is essential for regulation and management of Alaska's sport fisheries and for total regulation, management, and allocation of 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, government agencies, and the recreational industry.

Because of Alaska's vastness, meeting all these information requirements statewide by on-site creel surveys would be prohibitively expensive, thus a supplementary program was developed. Described herein are results from the twenty-eighth year of that program, whose primary objective is to provide statewide estimates of participation, catch, and harvest for major Alaskan sport-caught species by area and fishery.

Alaska sport fishing regulatory and management areas are delineated in Appendix A1 and Appendix A2. The abbreviations used to describe species covered in the survey and in this report are listed in Appendix A3.

METHODS

SAMPLE SELECTION

During the processing of the 1998 SWHS an assessment was done on the completeness of the 1998 sport license file at the time that the survey sample was drawn. The assessment identified that the file included only partial license sales from July onwards, but was relatively complete for January through June sales. As operations and budgets precluded operational changes to the project, a post stratification approach was undertaken to adjust for these deficiencies. Starting with the 1999 survey, and continuing through the current 2004 survey, a more proactive approach has been utilized. Prior to resident and nonresident sampling, the license file was assessed for its completeness relative to final versions of previous years' data.

The version of the license file available in September 2004 included about 95.4% of the final figures for the January through June resident license sales. However, only 68.6% of the final July resident license sales were available for sampling from the September 2004 license file. Over the previous 3 years, January through June sales account for approximately 70% of the total resident sales on average, and July-December account for 30% of these sales. July alone accounts for about 16.5% of annual resident license sales on average. It is important that sales in July are represented in the sample as they are a significant portion of overall sales and resident fishing activities in July would otherwise not be measured.

As a result, the resident sample was split into two subsamples. One subsample, from the sport license file available in September 2004, was drawn from resident license sales occurring prior to July (identified as the "early" resident sample). This subsample would be for 70% of the total resident sample target. The remainder of the resident sample was to be drawn from a file made available from Licensing Section once they could ensure that all July sales had been processed (identified as the "late" resident sample). This

file was available in late November, 2004. The date of initial mailing differed between the two subsamples.

The version of the license file available in September 2004 was deemed relatively complete for the early resident as well as nonresident license sales. This version of the license file included about 85% of the final figures for the January through June nonresident license sales. However, only 41.4% of the final July nonresident license sales were available for sampling from the September 2004 license file. Over the previous 3 years, January through June accounted for 32.6% of the total nonresident sales on average, and July through December accounted for 67.3%. July alone accounts for about 32.6% of annual nonresident sales on average. Sales in this month are a significant portion of overall sales, and as such would necessarily need to be included in sample selections.

As a result, the nonresident sample was split into three subsamples. One subsample, from a sport license file available in September 2004, was drawn from nonresident license sales occurring prior to July (identified as the “early” nonresident sample). This subsample would be for 33% of the total nonresident sample target. The second subsample of the nonresident sample was to be drawn from a file made available from Licensing Section once they could ensure that all July sales had been processed. This subsample would include July sales only in an effort to get a representative sample of those nonresidents who were targeting fishereies occurring in July and August. This subsample was identified as the “middle” nonresident sample. This subsample would be for 33% of the total nonresident sample target. The last subsample, identified as the “late” nonresident sample, would account for licenses purchased from August through late November in an effort to get a representative sample of nonresidents who target ‘later run’ fisheries such as coho salmon. The “late” subsample would also be for 33% of the total nonresident sample target. This file was available in late November, 2004. The date of initial mailing differed between the three subsamples with the “early” sample being mailed separately from the “middle’ and “late” samples.

DATA COLLECTION

Two types of questionnaires were used to estimate harvest associated with sport fishing in Alaska in 2004. One type, the "standard" type, was a multi-page questionnaire similar to those used annually since 1977 (Appendix B1). The other type, the "supplementary" type, was a booklet accompanied by a list of sites (Appendices B5 and B6). The standard type was mailed to a stratified random sample of about 22,600 households containing at least one individual who purchased 2004 sport fishing licenses or at least one individual who possessed either a valid permanent identification card (PID) or a disabled veteran card (DAV) for Alaska sport fishing (Appendix A4). The supplementary type was mailed to a stratified random sample of about 24,400 such households (Appendix A5). Stratification for both types was by household residence: Alaska, other United States, Canada, and other foreign. Reminder letters and questionnaires were mailed to first-time and second-time nonrespondents of both survey types (Table 1).

COMPUTER-BASED EDITING

While data coders detected some response errors (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; data that indicate a fish was harvested at a site where that species is not found; and data that indicate a higher than legal harvest.

The General Question responses were used to establish a maximum number of household anglers who fished (TOTFSHRS). If no General Question responses were completed for a survey response, the largest number of anglers reported fishing at any site for this response was used for TOTFSHRS.

Once TOTFSHRS was established for a survey response, any value for number of anglers on a reported harvest record that exceeded TOTFSHRS was set to equal TOTFSHRS. No

Table 1.–Mailing schedule for the Alaska Statewide Harvest survey, 2004.

SAMPLE GOAL		
Residency	Standard	Supplemental
Alaska	10,880	11,900
Other USA (non res)	10,674	11,542
Canada	344	382
Other foreign	602	676
Total	**22,500**	**24,500**

2004 strata breakdown			
Type	Standard	Survey V 1[a]	Survey V 2[b]
AK res early	7,686	4,197	4,197
AK res late	3,294	1,798	1,798
Non res early	3,484	1,863	1,863
Non res mid	3,512	1,878	1,878
Non res late	3,694	1,975	1,975
Can. res early	116	61	61
Can res mid	118	62	62
Can res late	124	65	65
Foreign early	186	98	98
Foreign mid	188	99	99
Foreign late	198	104	104

Survey type	Mailout	Residency	Label code	Color	Labels drawn by RTS	Labels to printer	Surveys to P.O.
Standard	1	Early res.	RE	Brown	4 Oct ‘04	5 Oct ‘04	19 Oct ‘04
Supp. V. 1,2		Early res.	R1,2	Brown	4 Oct ‘04	5 Oct ‘04	19 Oct ‘04
Standard	1	Early non.	NE	Brown	26 Oct ‘04	27 Oct ‘04	10 Nov ‘04
Supp. V. 1,2	1	Early non.	N1,2	Brown	26 Oct ‘04	27 Oct ‘04	10 Nov ‘04
Standard	2	Early res.	RE	Green	29 Nov ’04	30 Nov ‘04	22 Dec ‘04
Supp. V.1, 2		Early res.	R1, R2	Green	29 Nov ’04	30 Nov ‘04	22 Dec ‘04
Standard	2	Early non.	NE	Green	14 Dec ’04	15 Dec ‘04	22 Dec ‘04
Supp. V.1, 2		Early non.	N1, N2	Green	14 Dec ’04	15 Dec ‘04	22 Dec ‘04
Standard	1	Late res.	RL	Brown	14 Dec ‘04	16 Dec ‘04	14 Jan ‘05
Supp. V.1, 2		Late res.	R3, R4	Brown	14 Dec ‘04	16 Dec ‘04	14 Jan ‘05
Standard	1	Non res (mid & late)	NL	Brown	14 Dec ‘04	16 Dec ‘04	14 Jan ‘05
Supp. V.1, 2		Non res (mid & late)	N3, N4	Brown	14 Dec ‘04	16 Dec ‘04	14 Jan ‘05
Standard	3	Early res.	RE	Blue	1 Feb’05	2 Feb ‘05	11 Feb ‘05
Supp. V.1, 2		Early res.	R1, R2	Blue	1 Feb’05	2 Feb ‘05	11 Feb ‘05
Standard	3	Early non.	NE	Blue	1 Feb’05	2 Feb ‘05	11 Feb ‘05
Supp. V.1, 2		Early non.	N1, N2	Blue	1 Feb’05	2 Feb ‘05	11 Feb ‘05
Standard	2	Non res (mid & late)	NL	Green	22 Feb ’05	23 Feb ‘05	8 Mar ‘05
Supp. V.1, 2		Non res (mid & late)	N3, N4	Green	22 Feb ’05	23 Feb ‘05	8 Mar ‘05
Standard	2	Late res.	RL	Green	22 Feb ’05	23 Feb ‘05	8 Mar ‘05
Supp. V.1, 2		Late res.	R3, R4	Green	22 Feb ’05	23 Feb ‘05	8 Mar ‘05
Standard	3	Non res (mid & late)	NL	Blue	5 April’05	6 April ‘05	14 Apr ‘05
Supp. V.1, 2		Non res (mid & late)	N3, N4	Blue	5 April’05	6 April ‘05	14 Apr ‘05
Standard	3	Late res.	RL	Blue	5 April’05	6 April ‘05	14 Apr ‘05
Supp. V.1, 2		Late res.	R3, R4	Blue	5 April’05	6 April ‘05	14 Apr ‘05

[a] Version 1 displays charter/guided records before non charter/non guided.

[b] Version 2 displays non charter/non guided records before charter/guided.

adjustments were made to other effort variables, catch, or harvest data during this step.

The first check for the participation, catch, and harvest data was to ensure for each species that when harvest was ≥ catch the value for catch was set equal to harvest. For records with razor clam and hardshell clam harvests = 0 and catch > 0, the harvest was set equal to reported catch.

Programs were then used to examine the participation variables of number of anglers (NA), number of trips (NT), and days fished (DF) and to impute missing values[1]. 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 reported 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 ≤ DF. For each site code, these records were then categorized as local and non-local[2] 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.

When NA = 0:

1. If NT > 0 and DF > 0 and TOTFSHRS > 0, NA was replaced 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 MIN (TOTFSHRS, DF); NT was imputed later.
4. If NT = 0 and DF = 0, then NA and DF was replaced with TOTFSHRS and NT was imputed later.

When NA ≠ 0:

1. If NA > DF and DF > 0, then DF was replaced with NA.
2. If NA > 0 and DF = 0, DF was replaced with NA.

At this stage in the editing process both NA and DF had values > 0. If NT = 0, it was replaced with (DF/NA)/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 of the missing completely at random (MCAR) type (Rubin 1987; Schafer 1997). Accordingly, ignoring the missing data would have been justified. However, due to interdependencies between these effort variables and later data checks during data processing 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 described above was chosen for the 2004 survey processing.

The next data check identified those records that contained species reported as caught or harvested that do not 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 accumulated historical guidance that

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[1] The values of NA, NT, DF are provided by the survey respondent for each location fished. NA is the number of household anglers that fished at a location; NT is the number of fishing trips the household made to that location; and DF is the sum of calendar days fished by all household members at that location. Thus if 2 household anglers made one trip to a location and fished one calendar day, DF = 2.

[2] An angler household is "local" if that household resides (as determined from the household's survey mailing address) within the Statewide Harvest Survey Area of the location fished: all other households are "non-local" for that location. Thus under this definition, some Alaska residents would be grouped with nonresidents in the non-local group for a location fished.

had previously been provided by area staff. Area staff are most knowledgeable about the local fish and nature of fisheries in their area. If no other species could be identified from the historical guidance for the site, the species identified in the survey record was considered invalid for the location. Records containing invalid species were listed and manually reviewed. Area staff were consulted to determine if these species should be changed to another valid species, to the non-specific "other" category, or zeroed out.

The objectives for the mail survey are directed at the estimation of legal sport harvest, under the assumptions that (1) most respondents voluntarily stay within legal harvest limits, and/or (2) respondents that purposely fail to stay within legal limits would not be expected to voluntarily report their illegal activities. Therefore, reported harvest was checked against daily and seasonal limits. Information on number of anglers, days fished, and angler residency was taken into account when editing records so that they would not exceed the maximum legal harvests. This general approach was "relaxed" for lingcod in Resurrection Bay. In that instance area staff believed anglers were reporting harvest by port of landing and not location of harvest. Thus apparent illegal harvest recorded within the Bay area was assumed to be legal harvest from outside the Bay area, and thus not deleted.

A slightly different scenario existed for Chinook salmon reported as harvested in Southeast Alaska waters. There was some circumstantial evidence that the reports of apparently illegal harvest of small Chinook salmon were misreports of large Chinook salmon[3]. 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.

EDITING REVIEW PROCEDURES

Records of harvest or catch of a species flagged as incorrect (misidentified species or species known not to occur at a given site) were reviewed after computer editing had modified records, and provided a summary of records "flagged" with an error code(s). Summaries of all of the data were reviewed after editing had taken place.

A printout of records flagged as exceeding legal bag limits was reviewed by double-checking the area and/or site-specific sport fish harvest regulations for the year. Each rejected record was reviewed. If some records were rejected for harvests that actually fell within the site's bag limits, the records were noted for further review, the bag limit specifications modified, and the edit program was revised and rerun.

A printout of records flagged as invalid species at a site were reviewed and edited. The goal of this process was to correct as many incorrect records as reasonably possible. If, after consultation with area staff, a species could be identified as occurring at a site, or had been misidentified for another species the species specifications were revised, and the edit program rerun.

For example, if anglers harvested only razor clams, and reported the harvest from a boat site, the edit program was revised as needed to move these records to the equivalent shoreline site. Another simple edit involves changing coho salmon reported from a landlocked lake to "landlocked salmon."

The remaining flagged records were checked against notes taken from contacts with area biologists in the current and previous years, whose comments were then translated to a misidentification field in the Sites file. A quick search was also done for any other obvious sources of information (usually division reports, stocking records, the Anadromous Waters Catalog (Johnson et al. 2004 a-f), Schwan (1984) and stocking reports Emergency Orders). Based on this review, edit programs were updated and rerun as needed.

[3] During on-site surveys of select locations within Southeast Alaska (Michael Jaenicke, ADF&G, personal communication) the observed harvest of small Chinook salmon in fisheries where the taking of small Chinook salmon was illegal was negligible if not non-existent. It is supposed that some respondents to the mail survey mistakenly report their legal harvest of large Chinook salmon in the incorrect small Chinook salmon column, since separate columns were used for the reporting of small versus large Chinook salmon (see Appendices B1 and B4).

Finally, Sport Fish Division area biologists were contacted concerning records that could not be confirmed as either correct or incorrect by the above approach. If area staff agreed that the record was incorrect, they were asked to provide an opinion about what should be done with the record. In some cases staff interpreted that the respondent probably recorded their harvest in the wrong site. In other cases the respondent probably misidentified their harvest. Some harvests were too unusual to be changed, and were flagged in the database as unusable. If there were two or more possibilities for what the correct response should be, and none of the possibilities seemed more likely, then the record was also flagged as unusable. The edit programs were updated to reflect the area staff's recommendations.

The list of "other fish" write-ins for each area was reviewed to determine if any new species occurred frequently. If this occurred, consideration was given to adding the species to the survey for that area in future years.

The "editing" programs produced listings that identified all changes made, record-by-record. This information was maintained in electronic form. Editing programs included comments/annotations that explained the nature of the code, identified changes made from previous years, and identified areas that needed to be addressed. When all editing had been completed, an electronic file summary of all the species edits that had occurred was maintained to document revisions.

SUMMARY REPORTS

For each survey type (standard and supplementary) several reports were generated from the survey database: listings of acceptable responses, listings of unacceptable responses, summary statistics for household information, and summary statistics for harvest and participation data by area and fishing site. The listings of unacceptable responses and summary statistics for harvest were reviewed and surveys edited by hand when necessary to correct as much of the data as possible and to check for errors in the computer editing programs.

The following series of programs generated reports from the records contained in the survey database. These reports were used to verify and enhance the editing, and to aid in the calculation of estimates.

- Outlier Detection Program
- Nonresponse Bias Program
- Estimate Database Program

The Outlier Detection process occurred during the editing process before a "final" data set was used for nonresponse and estimation parameter calculation. Once the data set was final, a series of programs were run to calculate survey expansion and nonresponse factors based upon "final" data. Nonresponse factors for species information are based on harvest information, and done at a statewide level. Project staff applied these factors to survey information to produce catch and harvest estimates by survey group (resident and nonresident) for each location code. The resulting current year estimate file was appended into the historic Estimate Database. The programs generate estimates for survey areas, sites, effort and species harvest and catch. A report of estimated harvest by site and species was produced. Copies of the appropriate sections of this summary report were sent to the area biologists. The biologists were asked to identify any perceived problems with the estimates. Changes or corrections recommended by area biologists were investigated and evaluated by project staff and incorporated into the database as appropriate.

Estimates, summarized by site, were loaded into a database to facilitate miscellaneous updates and for the production of various reports used in the Statewide Harvest Survey Report. The database is composed of several working subsets of the data.

ESTIMATION PROCEDURES

For both questionnaire types, each household was asked for information for 2004 on number of licensees, on participation (number of anglers, trips, and days fished), and number of fish caught and number of fish kept (harvested) by species and site. Information from both types was pooled and harvest for each species for each site was estimated by:

$$\hat{Y}_{hk} = \hat{N}_h \hat{R}_s \frac{\sum_{i=1}^{3}\sum_{j=1}^{n_{hi}} y_{hijk}}{\sum_{i=1}^{3} n_{hi}} \qquad (1)$$

where:

y_{hijk} = harvest at site k by household j responding to mailing i for stratum h;

n_{hi} = number of households responding to mailing i within stratum h;

$\hat{N}_h$ = estimated number of households with at least one fishing license holder in 2004 for stratum h, calculated as:

$$= \left(M_h + P_h\right)\hat{V}_h; \qquad (2)$$

M_h = number of license holders residing in stratum h in 2004;

P_h = equals the total number unique Alaska residents holding a valid PID or DAV card;

$\hat{V}_h$ = the estimated ratio of the number of households to license-holders and PID or DAV holders for each stratum, calculated from the respondents to the survey as:

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

$n_{hi}^{\dagger}$ = the number of respondents (Appendix 4) to mailing i within stratum h who answered the questions regarding the number of sportfishing license and PID or DAV holders;

m_{hij} = the reported number of sportfishing license holders in household j for mailing i within stratum h, which is equal to the response for question 2A from the general information page of the questionnaires (Appendices B1 and B5);

p_{hij} = the reported number of individual PID or DAV holders for household j for mailing i within stratum h (equal to the response for question 1B from the general information page of the questionnaires); and

$\hat{R}_s$ = Nonresponse ratio for residential group s where each residential group represents a combination of the sampling strata as follows:

- Residents, which only includes the Alaska resident stratum; and
- Non-residents, which represents a combination of the other US resident, the Canadian, and the other foreign strata.

The $\hat{R}_s$ were obtained by simulation based on the following exponential regression models developed for responding households:

$$\ln\left(n_{si}\right) = \alpha_s^{'} + \beta_s^{'} i + \varepsilon_{si}^{'}, \text{ for } i = 1, 2, 3; \text{ and} \qquad (4)$$

$$\ln\left(r_{si}\right) = \alpha_s^{''} + \beta_s^{''} i + \varepsilon_{si}^{''}, \text{ for } i = 1, 2, 3; \qquad (5)$$

where:

n_{si} = number of households responding to mailing i for combined residential group s;

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

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

Parameters $\alpha_s^{'}$, $\alpha_s^{''}$, $\beta_s^{'}$, and $\beta_s^{''}$ were estimated using the method of least squares (Draper and Smith 1981). The set $\{n_4, n_5, ..., n_I\}$ was estimated from regression (4), and the set $\{r_4, r_5, ..., r_I\}$ 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)):

$$\sum_{i=1}^{3} n_{si} + \sum_{i=4}^{I} \tilde{n}_{si} = n_s \qquad (6)$$

where:

$\tilde{n}_{si}$ = Simulated number of households responding to the simulated mailing *i*, for *i* = 4, 5, ..., *I*, for residential group *s*, calculated as:

$$e^{\left(\alpha_s^{'} + \beta_s^{'} i\right)}; \text{ and} \qquad (7)$$

n_s = the number of households sampled for residential group *s*.

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

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

where:

θ_s = ratio of the number of observed respondents to the total of observed respondents and "simulated" respondents for residential group *s*, calculated as follows:

$$= \frac{\sum_{i=1}^{3} n_{si}}{\sum_{i=1}^{3} n_{si} + \sum_{i=4}^{I} \tilde{n}_{si}}; \qquad (9)$$

Y_s = the reported average harvest of a particular species over all locations throughout the state for all responding households within each combined residential grouping *s*, calculated as:

$$= \frac{\sum_{i=1}^{3} \sum_{j=1}^{n_{si}} y_{sij}}{\sum_{i=1}^{3} n_{si}}; \qquad (10)$$

y_{sij} = reported harvest of a particular species over all locations throughout the state for responding household *j* for mailing *i* within combined residential 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 combined residential grouping *s*, calculated as:

$$\tilde{Y}_s = \frac{\sum_{i=4}^{I} \tilde{n}_{si} \tilde{r}_{si}}{\sum_{i=4}^{I} \tilde{n}_{si}}; \qquad (11)$$

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

$$= e^{\left(\alpha_s^{''} + \beta_s^{''} i\right)} \qquad (12)$$

If the criterion defined in equation (6) is not met, then the term "*I*" is set to infinity, and the following infinite series equality (Gradshteyn and Ryzhik [1980], page 7, equation 0.231.1) is used to calculate the numerator in equation (11):

$$\sum_{i=4}^{I} \tilde{n}_{si} \tilde{r}_{si} = \frac{e^{\left(\alpha_s^{'} + \alpha_s^{''}\right)}}{1 - e^{\left(\beta_s^{'} + \beta_s^{''}\right)}} - e^{\left(\alpha_s^{'} + \alpha_s^{''}\right)} - \sum_{i=1}^{3} e^{\left(\alpha_s^{'} + \beta_s^{'} i + \alpha_s^{''} + \beta_s^{''} i\right)} \qquad (13)$$

Similarly, the denominator in equation (11) was calculated by:

$$\sum_{i=4}^{I} \tilde{n}_{si} = \frac{e^{\alpha_s^{'}}}{1 - e^{\beta_s^{'}}} - e^{\alpha_s^{'}} - \left(\sum_{i=1}^{3} e^{\left(\alpha_s^{'} + \beta_s^{'} i\right)} \right) \qquad (14)$$

Confidence intervals for mail survey estimates used for comparisons to onsite creel survey estimates (see Appendix A109) were calculated using the percentile method of bootstrap resampling (Efron and Tibshirani 1993) with 1,000 replications. Standard errors for harvest estimates were also calculated using the bootstrap resampling procedure.

The following guidelines (Mills and Howe 1992) provide a basis for evaluating the utility of statewide survey estimates:

- 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,
- Estimates based on 30 or more responses are generally useable.

Appendix A110 includes the number of responses for each site for which estimates are included in this report.

RESULTS

PARTICIPATION

During 2004 a total of 188,976 (37.5%) Alaska resident sportfishing licenses and 314,446 (62.5%) nonresident licenses were issued out of a total of 503,422 licenses (ADF&G SWHS 2004; Appendix A6). The number of both resident and nonresident license sales increased from 2003. During 2004 an estimated 484,266 anglers fished 2,473,961 days (Appendix A7). About 44.2% of the anglers were Alaska residents who accounted for 60.2% of the total days fished. Nonresident participation in terms of anglers was highest in Southeast (75.5%) and lowest in the Arctic-Yukon-Kuskokwim (AYK) region (32.7%). In Southcentral 50.0% of all anglers were Alaska residents.

Days fished by Alaska residents exceeded those of nonresidents in Southcentral and AYK regions of the state, accounting for about 62.7% and 75.5% of total regional days fished, respectively (Appendix A7). In Southeast Alaska nonresident days fished exceeded those of residents of the state, with nonresident anglers accounting for 53.7% of days fished.

In 2004, the estimated number of anglers rose above the 5-year low of 422,192 in 2002 to 484,226 (Appendix A7). The estimated number of nonresident anglers has risen consistently since 1999 with a slight dip in 2002. The number of resident anglers dropped slightly from 2003. Similar to the estimated number of days fished, the number of resident anglers exceeded nonresident in the AYK region. For the first time in five years, the proportions of resident to nonresident anglers in Southcentral region was nearly equal with residents at 169,120 and nonresidents at 169,097. Keeping with the trend since 2001, nonresident anglers in Southeast increased again in 2004 to a total of 97,958 – up from 84,659 in 2003 (Appendix A7).

HARVEST

The 3,332,948 fish harvested in 2004 (Appendix A14) included 550,540 razor clams *Siliqua patula* and 74,292 smelt and capelin *Osmeridae*. Of the remaining 2,708,116 harvested fish, 1,726,643 (63.8%) were anadromous (sea-run) salmon *Oncorhynchus*, 482,550 (17.8%) were Pacific halibut, 180,143 (6.7%) were rockfish *Sebastes*, 85,136 (3.1%) were rainbow trout *O. mykiss*, 68,593 (2.5%) were Dolly Varden *Salvelinus malma* and Arctic char *Salvelinus alpinus*, 26,259 (1.0%) were Arctic grayling *Thymallus arcticus*, and 25,333 (0.9%) were landlocked salmon (Chinook salmon, coho salmon *O. kisutch*, and kokanee *O. nerka*).

The 2004 total anadromous salmon harvest of 1,726,643 included 193,041 Chinook salmon, 861,490 coho salmon, 444,703 sockeye salmon, 193,841 pink salmon *O. gorbuscha*, and 33,568 chum salmon *O. keta* (Appendix A14). The marine salmon harvest total of 849,762 included 109,632 Chinook salmon, 560,007 coho salmon, 23,536 sockeye salmon, 132,317 pink salmon, and 24,270 chum salmon (Appendix A15). The freshwater total of 876,881 anadromous salmon included 83,409 Chinook salmon, 301,483 coho salmon, 421,167 sockeye salmon, 61,524 pink salmon, and 9,298 chum salmon (Appendix A16). Regionally, 552,742 anadromous salmon were harvested in Southeast Alaska, (Appendix A17), 1,135,246 in Southcentral (Appendix A18) and 38,655 in the Arctic-Yukon-Kuskokwim area (Appendix A19).

Harvest estimates for 2004 are tabulated by region, area, fishery, and species in Appendix A.

CATCH

The catch of 8,490,433 fish in 2004 (Appendix A14) included 550,540 razor clams and 79,319 smelt. Of the remaining 7,860,574 fish caught, 1,539,819 (19.6%) were sea-run coho salmon,

1,057,646 (13.5%) were pink salmon, 851,177 (10.8%) were Pacific halibut, 752,539 (9.6%) were sockeye salmon, 815,054 (10.4%) were rainbow trout, 406,754 (5.2%) were Arctic grayling, 736,602 (9.4%) were Dolly Varden and Arctic char, 543,127 (6.9%) were Chinook salmon, 407,345 (5.2%) were rockfish, and 242,036 (3.1%) were chum salmon.

DISCUSSION

For the most part, harvest estimates from the 2004 statewide survey are comparable to estimates from onsite creel surveys (Appendix A109). Estimates from the statewide survey are expected to be larger than onsite creel surveys as the statewide survey covers the entire fishing year, while onsite creel surveys are limited to smaller time frames.

There were no significant differences in onsite creel and statewide mail survey estimates for salmon harvest at the Sitka marine boat, Kasilof River, Ayakulik River, as well as the Kenai River non-guided late Chinook fisheries.

Moderate differences were noted between the onsite creel and statewide mail survey estimates of salmon at the Ketchikan marine boat, Juneau marine boat and Kenai River fisheries. In general, the statewide mail survey estimates were higher than those from the comparable onsite creel surveys. In particular, onsite creel survey estimates for salmon at the Ketchikan marine boat fishery were generally biased low because Salmon Falls,a major access point, was not sampled (Michael Jaenicke, personal communication). Estimates of harvest at Juneau area marine boat from onsite creel surveys were biased low because a number of private moorages and fishing lodges were not sampled. At the Karluk River fishery, statewide mail survey estimates were significantly lower than the onsite creel census.

In 2004, as in the past, there are not significant differences between onsite surveys and the statewide survey warranting any type of design change to the statewide survey.

Over the past twenty-eight years the statewide sport fish survey has proved effectual 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 larger fisheries' harvest results have been consistent with onsite creel surveys (Mills and Howe 1992). 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.

Thus, in the interest of economic efficiency, the statewide survey has replaced onsite creel surveys in cases where creel surveys are not required for inseason management or ensuring compliance with regulatory and management policies, quotas, and guidelines. A 2005 mail survey similar to this year's has been completed, and the 2006 survey is in progress.

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REFERENCES CITED

Draper, N. R., and H. Smith. 1981. Applied regression analysis, 2nd edition. John Wiley and Sons, NY.

Efron, B., and R. J. Tibshirani. 1993. First Edition. An introduction to the bootstrap. Chapman and Hall, New York, NY.

Gradshteyn, I. S., and I. M. Ryzhik. 1980. Table of intetrals, series, and products, corrected and enlarged edition. Academic Press, Orlando, Florida.

Howe, A. L., G. Fidler, A. E. Bingham, and M. J. Mills. 1996. Harvest, catch, and participation in Alaska sport fisheries during 1995. Alaska Department of Fish and Game, Fishery Data Series No. 96-32, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds96-32.pdf

REFERENCES CITED (Continued)

Howe, A. L., G. Fidler, and M. J. Mills. 1995. Harvest, catch, and participation in Alaska sport fisheries during 1994. Alaska Department of Fish and Game, Fishery Data Series No. 95-24, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds95-24.pdf

Howe, A. L., R. J. Walker, C. Olnes, K. Sundet, and A. E. Bingham. 2001a. Revised Edition. Harvest, catch, and participation in Alaska sport fisheries during 1996. Alaska Department of Fish and Game, Fishery Data Series No. 97-29 (revised), Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds97-29(revised).pdf

Howe, A. L., R. J. Walker, C. Olnes, K. Sundet, and A. E. Bingham. 2001b. Revised Edition. Harvest, catch, and participation in Alaska sport fisheries during 1997. Alaska Department of Fish and Game, Fishery Data Series No. 98-25 (revised), Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds98-25(revised).pdf

Howe, A. L., R. J. Walker, C. Olnes, K. Sundet, and A. E. Bingham. 2001c. Revised Edition. Participation, catch, and harvest in Alaska sport fisheries during 1998. Alaska Department of Fish and Game, Fishery Data Series No. 99-41 (revised), Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds99-41(revised).pdf

Howe, A. L., R. J. Walker, C. Olnes, K. Sundet, and A. E. Bingham. 2001d. Participation, catch, and harvest in Alaska sport fisheries during 1999. Alaska Department of Fish and Game, Fishery Data Series No. 01-8, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds01-08.pdf

Jennings, G. B., K. Sundet, A. E. Bingham, and H. K. Sigurdsson. 2004. Participation, catch, and harvest in Alaska sport fisheries during 2001. Alaska Department of Fish and Game, Fishery Data Series No. 04-11, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds04-11.pdf

Jennings, G. B., K. Sundet, A. E. Bingham, and H. K. Sigurdsson. 2006a. Participation, catch, and harvest in Alaska sport fisheries during 2002. Alaska Department of Fish and Game, Fishery Data Series No. 06-34, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds06-34.pdf

Jennings, G. B., K. Sundet, A. E. Bingham, and H. K. Sigurdsson. 2006b. Participation, catch, and harvest in Alaska sport fisheries during 2003. Alaska Department of Fish and Game, Fishery Data Series No. 06-44, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds06-44.pdf

Johnson, J., E. Weiss, and S. Maclean. 2004a. Catalog of waters important for spawning, rearing, or migration of anadromous fishes - Arctic Region, Effective January 15, 2005. Alaska Department of Fish and Game, Special Publication No. 04-03, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/sp04-03.pdf

Johnson, J., E. Weiss, and S. Maclean. 2004b. Catalog of waters important for spawning, rearing, or migration of anadromous fishes - Interior Region, Effective January 15, 2005. Alaska Department of Fish and Game, Special Publication No. 04-04, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/sp04-04.pdf

Johnson, J., E. Weiss, and S. Maclean. 2004c. Catalog of waters important for spawning, rearing, or migration of anadromous fishes - Southcentral Region, Effective January 15, 2005. Alaska Department of Fish and Game, Special Publication No. 04-05, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/sp04-05.pdf

Johnson, J., E. Weiss, and S. Maclean. 2004d. Catalog of waters important for spawning, rearing, or migration of anadromous fishes - Southeastern region, Effective January 15, 2005. Alaska Department of Fish and Game, Special Publication No. 04-06, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/sp04-06.pdf

Johnson, J., E. Weiss, and S. Maclean. 2004e. Catalog of waters important for spawning, rearing, or migration of anadromous fishes -Southwestern region, Effective January 15, 2005. Alaska Department of Fish and Game, Special Publication No. 04-07, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/sp04-07.pdf

Johnson, J., E. Weiss, and S. Maclean. 2004f. Catalog of waters important for spawning, rearing, or migration of anadromous fishes - Western region, Effective January 15, 2005. Alaska Department of Fish and Game, Special Publication No. 04-08, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/sp04-08.pdf

REFERENCES CITED (Continued)

Mills, M. J. 1979. Alaska statewide sport fish harvest studies. Alaska Department of Fish and Game, Federal Aid in Fish Restoration, Annual Performance Report 1978-1979, Project F-9-11, 20 (SW-I-A), Juneau. http://www.sf.adfg.state.ak.us/FedAidPDFs/fredf-9-11(20)SW-I-A.pdf

Mills, M. J. 1980. Alaska statewide sport fish harvest studies. Alaska Department of Fish and Game. Federal Aid in Fish Restoration, Annual Performance Report, 1979-1980, Project F-9-12, 21 (SW-I-A), Juneau. http://www.sf.adfg.state.ak.us/FedAidPDFs/fredf-9-12(21)SW-I-A.pdf

Mills, M. J. 1981a. Alaska statewide sport fish harvest studies - 1979 data. Alaska Department of Fish and Game, Federal Aid in Fish Restoration and Anadromous Fish Studies, Annual Performance Report 1980-1981, Project F-9-13, 22 (SW-I-A), Juneau. http://www.sf.adfg.state.ak.us/FedAidPDFs/fredf-9-13(22a)SW-I-A.pdf

Mills, M. J. 1981b. Alaska statewide sport fish harvest studies - 1980 data. Alaska Department of Fish and Game, Federal Aid in Fish Restoration and Anadromous Fish Studies, Annual Performance Report 1980-1981, Project F-9-13, 22 (SW-I-A), Juneau. http://www.sf.adfg.state.ak.us/FedAidPDFs/fredf-9-13(22b)SW-I-A.pdf

Mills, M. J. 1982. Alaska statewide sport fish harvest studies - 1981 data. Alaska Department of Fish and Game, Federal Aid in Fish Restoration and Anadromous Fish Studies, Annual Performance Report 1981-1982, Project F-9-14, 23 (SW-I-A), Juneau. http://www.sf.adfg.state.ak.us/FedAidPDFs/fredf-9-14(23)SW-I-A.pdf

Mills, M. J. 1983. Alaska statewide sport fish harvest studies - 1982 data. Alaska Department of Fish and Game, Federal Aid in Fish Restoration and Anadromous Fish Studies, Annual Performance Report 1982-1983, Project F-9-15, 24 (SW-I-A), Juneau. http://www.sf.adfg.state.ak.us/FedAidPDFs/fredf-9-15(24)SW-I-A.pdf

Mills, M. J. 1984. Alaska statewide sport fish harvest studies - 1983 data. Alaska Department of Fish and Game, Federal Aid in Fish Restoration and Anadromous Fish Studies, Annual Performance Report 1983-1984, Project F-9-16, 25 (SW-I-A), Juneau. http://www.sf.adfg.state.ak.us/FedAidPDFs/fredf-9-16(25)SW-I-A.pdf

Mills, M. J. 1985. Alaska statewide sport fish harvest studies - 1984 data. Alaska Department of Fish and Game, Federal Aid in Fish Restoration and Anadromous Fish Studies, Annual Performance Report 1984-1985, Project F-9-17, 26 (SW-I-A), Juneau. http://www.sf.adfg.state.ak.us/FedAidPDFs/fredf-9-17(26)SW-I-A.pdf

Mills, M. J. 1986. Alaska statewide sport fish harvest studies - 1985 data. Alaska Department of Fish and Game, Federal Aid in Fish Restoration and Anadromous Fish Studies, Annual Performance Report 1985-1986, Project F-10-1, 27 (RT-2), Juneau. http://www.sf.adfg.state.ak.us/FedAidPDFs/fredf-10-1(27)RT-2.pdf

Mills, M. J. 1987. Alaska statewide sport fisheries harvest report, 1986. Alaska Department of Fish and Game, Fishery Data Series No. 2, Juneau. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds-002.pdf

Mills, M. J. 1988. Alaska statewide sport fisheries harvest report, 1987. Alaska Department of Fish and Game, Fishery Data Series No. 52, Juneau. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds-052.pdf

Mills, M. J. 1989. Alaska statewide sport fisheries harvest report, 1988. Alaska Department of Fish and Game, Fishery Data Series No. 122, Juneau. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds-122.pdf

Mills, M. J. 1990. Harvest and participation in Alaska sport fisheries during 1989. Alaska Department of Fish and Game, Fishery Data Series No. 90-44, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds90-44.pdf

Mills, M. J. 1991. Harvest, catch, and participation in Alaska sport fisheries during 1990. Alaska Department of Fish and Game, Fishery Data Series No. 91-58, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds91-58.pdf

REFERENCES CITED (Continued)

Mills, M. J. 1992. Harvest, catch, and participation in Alaska sport fisheries during 1991. Alaska Department of Fish and Game, Fishery Data Series No. 92-40, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds92-40.pdf

Mills, M. J. 1993. Harvest, catch, and participation in Alaska sport fisheries during 1992. Alaska Department of Fish and Game, Fishery Data Series No. 93-42, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds93-42.pdf

Mills, M. J. 1994. Harvest, catch, and participation in Alaska sport fisheries during 1993. Alaska Department of Fish and Game, Fishery Data Series No. 94-28, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds94-28.pdf

Mills, M. J., and A. L. Howe. 1992. An evaluation of estimates of sport fish harvest from the Alaska statewide mail survey. Alaska Department of Fish and Game, Special Publication No. 92-2, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/sp92-02.pdf

Nelson, J. S., E. J. Crossman, H. Espinosa-Pérez, L. T. Findley, C. R. Gilbert, R. N. Lea, and J. D. Williams. 2004. Common and scientific names of fishes from the United States, Canada and Mexico. Sixth edition. American Fisheries Society, Special Publication 29, Bethesda, MD.

Reimer, A. *in prep*. Chinook salmon creel survey and inriver gillnetting study, lower Kenai River, Alaska, 2004. Alaska Department of Fish and Game, Fishery Data Series, Anchorage.

Rubin, D. B. 1987. Multiple imputation for nonresponse in surveys. John Wiley and Sons, New York.

Schafer, J. L. 1997. Analysis of incomplete data. Chapman and Hall, London.

Schwan, M. W. 1984. Recreational fisheries of Southeast Alaska, including Yakutat: an assessment. Alaska Department of Fish and Game, Division of Sport Fish, Juneau.

SWHS 2004. Sample_analysis_2004.xls. File on State of Alaska Network at User on SF-ANC1 Server.

Walker, R. J., C. Olnes, K. Sundet, A. L. Howe, and A. E. Bingham. 2003. Participation, catch, and harvest in Alaska sport fisheries during 2000. Alaska Department of Fish and Game, Fishery Data Series No. 03-05, Anchorage. http://www.sf.adfg.state.ak.us/FedAidPDFs/fds03-05.pdf

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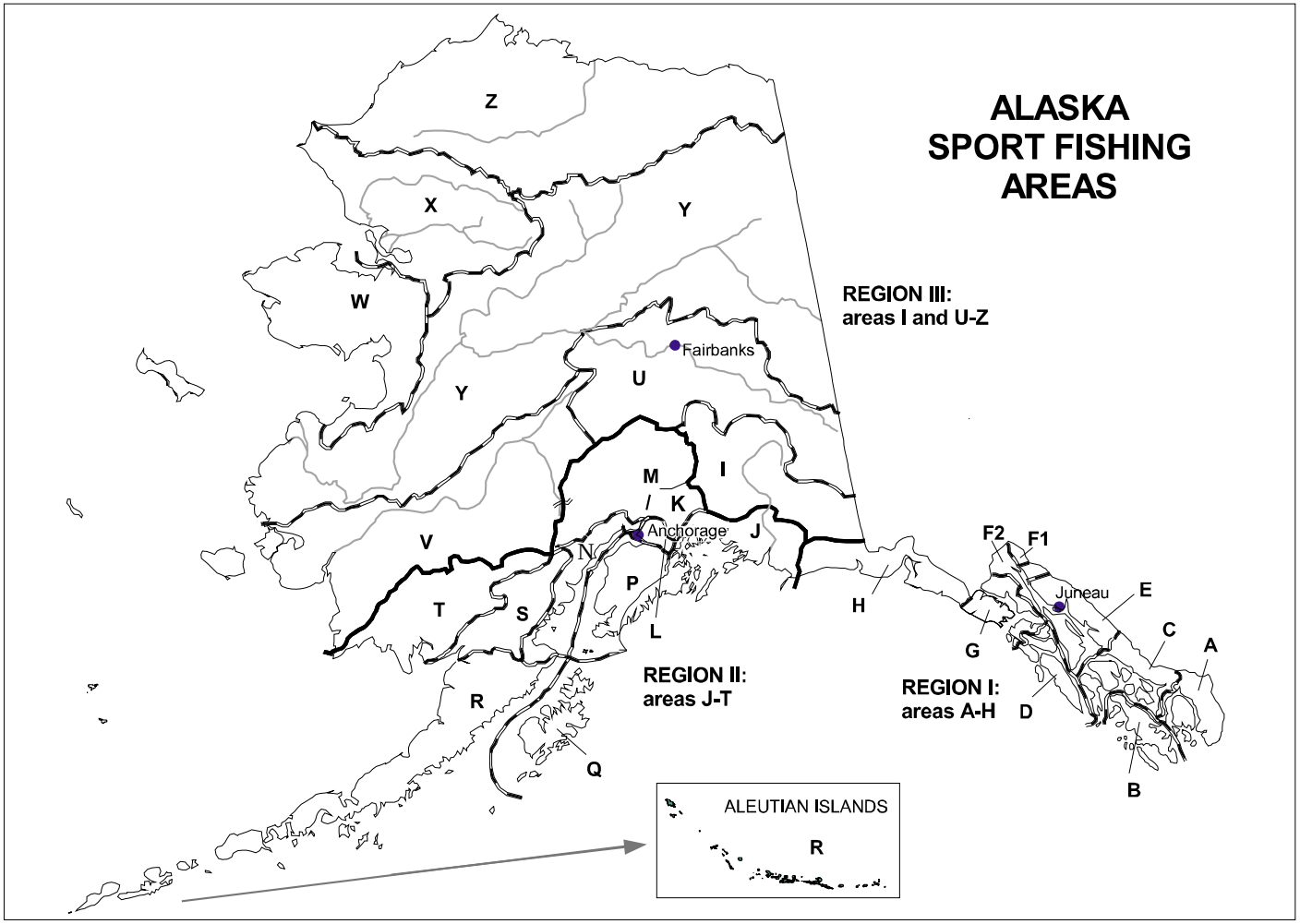
APPENDIX A. TABLES AND FIGURES



Appendix A1.–Map of Alaska sportfishing regions and areas.

Appendix A2.–List of Alaska sportfishing 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 Drainage
L	Anchorage
M	Susitna River Drainage
N	West Side Cook Inlet
P	Kenai Peninsula
Q	Kodiak
R	Naknek River Drainage/Alaska Peninsula Area
S	Kvichak River Drainage
T	Nushagak
Arctic-Yukon-Kuskokwim	
I	Upper Copper River Drainage
U	Tanana River Drainages
V	Kuskokwim – Goodnews Drainages
W	Seward Peninsula – Norton Sound Drainages
X	Northwest Alaska Drainages
Y	Yukon River Drainages
Z	North Slope/Brooks Range Drainages

Appendix A3.–List of common names, scientific names, and abbreviations.

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

Source: Nelson et al. 2004.

Appendix A4.–Response to the standard Alaska sport fish survey mailing, 2004.

	Mailing 1	Mailing 2	Mailing 3	Total
Mailing[a]				
Number mailed	22,600	14,978	11,648	49,226
Number returned nondeliverable[b]				1,390
Number not returned	14,978	11,648	10,703	37,329
Responses				
Number[b]	6,606	3,083	818	10,507
Percent of 1st mailing not returned as nondeliverable				49.5%

[a] Resident and nonresident surveys were mailed in three equally spaced mailings, beginning 10/19/04 and continuing through 4/14/05; (see methods for details).

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

Appendix A5.–Response to the supplementary Alaska sport fish survey mailing, 2004.

	Mailing 1	Mailing 2	Mailing 3	Total
Mailing[a]				
Number mailed	24,400	17,075	13,570	55,045
Number returned nondeliverable[b]				1,524
Number not Returned	17,075	13,570	12,515	43,160
Responses				
Number[b]	6,218	3,237	906	10,361
Percent of 1st mailing not returned as nondeliverable				45.3%

[a] Resident and nonresident surveys were mailed in three equally spaced mailings, beginning 10/19/04 and continuing through 4/14/2005; (see methods for details).

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

Appendix A6.–Number and percent of Alaska sportfishing licenses by residency, 1961-2004.

	Resident		Nonresident		
Year	Number	Percent	Number	Percent	Total
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

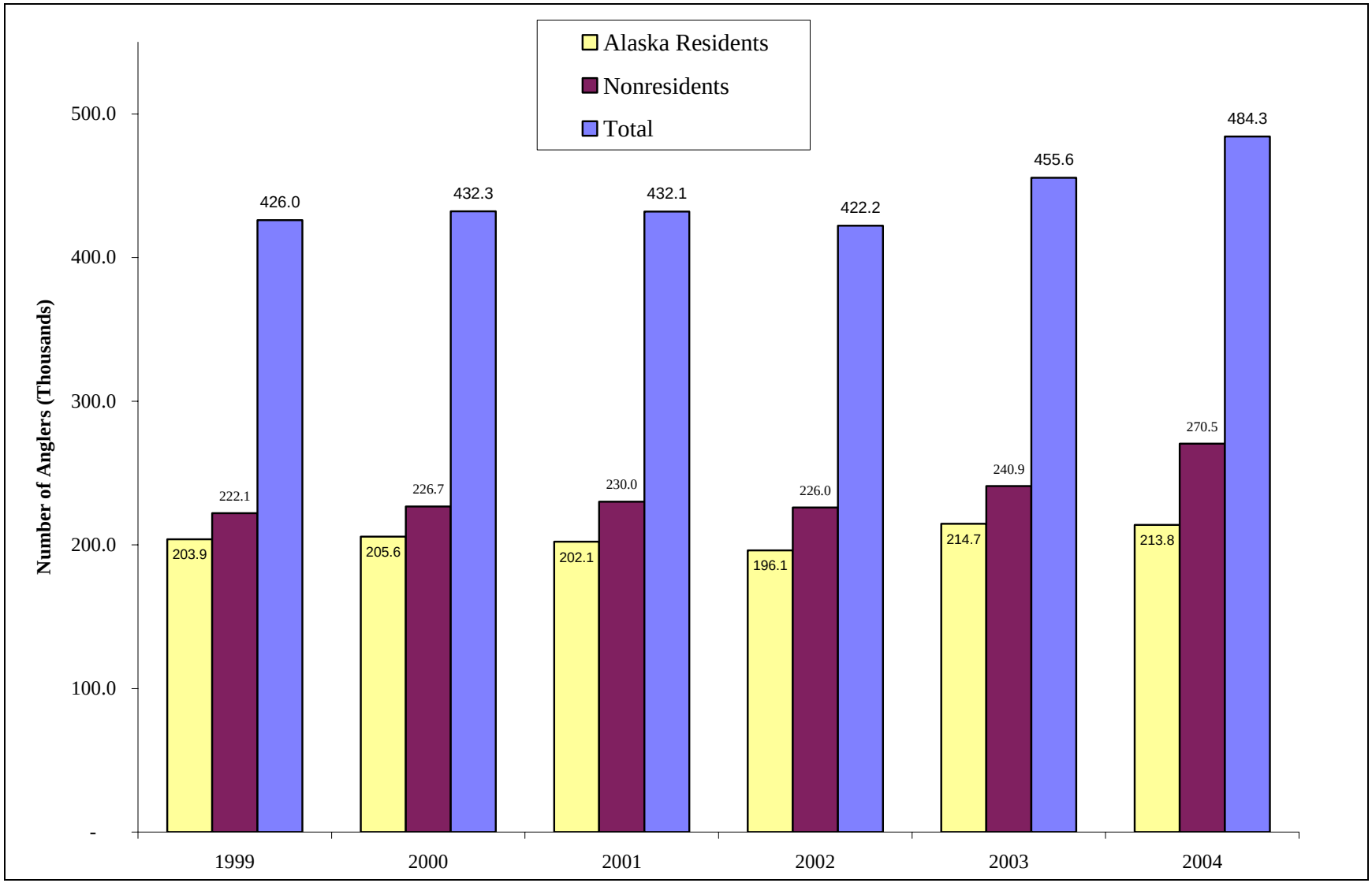
Appendix A7.–Estimates of statewide and regional participation in Alaska sport fishing by residency, 1999-2004.

	1999					2000				
	Residents of Alaska		Nonresidents of Alaska			Residents of Alaska		Nonresidents of Alaska		
Region	Number	Percent	Number	Percent	Total	Number	Percent	Number	Percent	Total
Anglers										
Southeast	33,116	28.6	82,647	71.4	115,763	33,484	30.1	77,771	69.9	111,255
Southcentral	151,205	52.9	134,893	47.1	286,098	158,012	51.9	146,223	48.1	304,235
AYK[a]	41,857	70.5	17,549	29.5	59,406	34,960	71.0	14,302	29.0	49,262
Total	203,875	47.9	222,104	52.1	425,979	205,611	47.6	226,680	52.4	432,291
Days Fished										
Southeast	281,372	52.6	253,292	47.4	534,664	288,508	53.3	252,899	46.7	541,407
Southcentral	1,154,459	69.5	505,507	30.5	1,659,966	1,227,958	66.6	616,866	33.4	1,844,824
AYK[a]	239,298	78.6	65,224	21.4	304,522	191,449	79.3	50,125	20.8	241,574
Total	1,675,129	67.0	824,023	33.0	2,499,152	1,707,915	65.0	919,890	35.0	2,627,805

	2001					2002				
	Residents of Alaska		Nonresidents of Alaska			Residents of Alaska		Nonresidents of Alaska		
Region	Number	Percent	Number	Percent	Total	Number	Percent	Number	Percent	Total
Anglers										
Southeast	31,556	27.7	82,366	72.3	113,922	26,603	24.5	82,140	75.5	108,743
Southcentral	157,949	52.0	146,037	48.0	303,986	156,499	52.5	141,620	47.5	298,119
AYK[a]	30,156	70.0	12,939	30.0	43,095	31,395	71.7	12,417	28.3	43,812
Total	202,118	46.8	230,011	53.2	432,129	196,145	46.5	226,047	53.5	422,192
Days Fished										
Southeast	236,912	46.7	270,329	53.3	507,241	229,997	49.0	239,305	51.0	469,302
Southcentral	961,943	61.6	598,619	38.4	1,560,562	1,012,914	64.5	556,599	35.5	1,569,513
AYK[a]	144,194	74.3	49,944	25.7	194,138	169,766	77.1	50,510	22.9	220,276
Total	1,343,049	59.4	918,892	40.6	2,261,941	1,412,677	62.5	846,414	37.5	2,259,091

	2003					2004				
	Residents of Alaska		Nonresidents of Alaska			Residents of Alaska		Nonresidents of Alaska		
Region	Number	Percent	Number	Percent	Total	Number	Percent	Number	Percent	Total
Anglers										
Southeast	29,678	26.0	84,659	74.0	114,337	31,838	24.5	97,958	75.5	129,796
Southcentral	169,533	52.4	154,159	47.6	323,692	169,120	50.0	169,097	50.0	338,217
AYK[a]	34,902	71.8	13,710	28.2	48,612	29,923	67.3	14,526	32.7	44,449
Total	214,658	47.1	240,936	52.9	455,594	213,813	44.2	270,453	55.8	484,266
Days Fished										
Southeast	227,467	47.7	249,725	52.3	477,192	253,231	46.3	294,018	53.7	547,249
Southcentral	968,502	63.1	566,999	36.9	1,535,501	1,072,559	62.7	637,112	37.3	1,709,671
AYK[a]	161,260	78.0	45,445	22.0	206,705	163,778	75.5	53,263	24.5	217,041
Total	1,357,229	61.2	862,169	38.9	2,219,398	1,489,568	60.2	984,393	39.8	2,473,961

[a] Arctic-Yukon-Kuskokwim.



Appendix A8.–Estimated number of anglers who sport fished in Alaska by residency, 1999-2004.

Appendix A9.–Estimated number of anglers who sport fished in Alaska by area of residence, 1994-2004.

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Alaska Residents[a]											
Southeast	32,646	33,122	26,027	29,853	26,780	28,918	29,123	27,664	23,397	25,690	26,489
Upper Copper River Drainage[b]	1,204	1,659	1,238	1,755	1,613	1,641	1,811	1,556	1,306	1,558	1,078
North Gulf Coast/Prince William Sound[c]	3,857	4,184	3,868	4,013	4,019	3,786	3,434	5,494	4,907	5,850	4,800
Kenai Peninsula[c]	29,457	28,857	23,369	25,694	25,436	22,182	25,950	23,651	24,399	23,771	22,688
Cook Inlet Drainages excluding Kenai Peninsula[d]	129,818	118,700	106,151	108,091	101,646	99,001	103,010	102,996	104,732	112,095	110,938
Kodiak	6,629	5,420	5,812	6,067	7,321	5,986	6,605	4,978	4,993	5,791	6,364
Bristol Bay	2,628	3,208	2,681	1,907	2,200	2,446	2,781	2,357	2,394	2,499	2,592
Arctic-Yukon-Kuskokwim[b]	35,199	45,416	37,852	33,564	34,939	35,736	30,265	28,904	30,017	33,057	34,375
Unknown Alaska	0	0	5,512	6,435	6,410	4,179	2,631	4,517	0	4,347	4,490
Total Residents[e]	241,438	240,566	212,510	217,379	210,364	203,875	205,611	202,117	196,146	214,658	213,813
Percent of Total Anglers	52.50	51.20	48.30	49.60	49.00	47.90	47.60	46.80	46.50	47.10	44.15
Nonresidents[e]											
Other United States	202,318	211,728	212,022	205,624	205,040	207,698	212,140	216,409	208,629	226,317	254,012
Foreign	16,448	17,142	15,119	15,114	13,587	14,406	14,540	13,602	17,418	14,619	16,441
Total Nonresidents[e]	218,766	228,870	227,141	220,738	218,627	222,104	226,680	230,011	226,047	240,936	270,453
Percent of Total Anglers	47.50	48.80	51.70	50.40	51.00	52.10	52.40	53.20	53.50	52.90	55.85
Total[f]	460,204	469,436	439,651	438,117	428,991	425,979	432,291	432,128	422,192	455,594	484,266

[a] Residents in the Alaska Statewide Harvest Survey are defined as anglers qualifying for an Alaska resident sport license during the survey period.

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities. Starting in 2004, Upper Susitna Drainages from above the Oshetna River to Lake Louise were moved to the Susitna Drainage in Cook Inlet.

[c] Kenai Peninsula Areas east of Gore Point to Point Bainbridge, including Resurrection Bay drainages, were moved to North Gulf Coast/Prince William Sound starting in 2001.

[d] This area includes West Cook Inlet north of Cape Douglas, The Susitna, Little Susitna and Knik Arm drainages, the North Turnagain Arm drainages and Placer River.

[e] Nonresidents in the Alaska Statewide Harvest Survey are defined as anglers who did not qualify as residents of Alaska during the survey period, including other United States, Canadian and other foreign residents.

[f] Totals may not equal sum of sites, because individual site estimates and totals are rounded independently.

Appendix A10.–Estimates of number of anglers by Alaska region and area fished, 1994-2004.

Area Fished	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Southeast											
Ketchikan	27,090	22,738	24,000	23,914	22,441	26,647	26,808	26,155	29,924	27,218	34,193
Prince of Wales Island	16,134	14,643	14,292	12,871	12,667	15,397	15,251	14,201	15,782	15,361	15,710
Kake, Petersburg, Wrangell, Stikine	13,166	10,368	9,330	9,575	8,623	9,536	8,867	8,328	7,813	7,794	10,258
Sitka[a]	28,922	26,362	23,930	26,467	30,096	27,961	22,591	25,057	22,288	24,002	25,734
Juneau	27,617	30,316	28,160	29,708	26,487	28,405	27,252	27,971	24,252	26,375	29,452
Haines-Skagway	7,072	7,713	7,410	7,504	6,682	6,979	7,805	9,063	8,856	9,021	9,373
Glacier Bay[a]	5,110	6,961	5,417	7,028	5,188	6,103	8,391	8,630	7,738	8,203	10,008
Yakutat	4,590	4,560	5,403	6,613	6,118	6,901	5,591	4,630	3,798	6,790	6,614
Total[b]	114,239	107,959	105,847	110,395	106,625	115,763	111,255	113,922	108,743	114,337	129,796
Southcentral											
Upper Copper River Drainage[c,d]	28,323	30,056	27,620								
North Gulf Coast/Prince William Sound[e]	37,147	46,435	37,930	41,268	40,525	36,646	42,464	82,327	79,523	93,272	96,977
Knik Arm Drainage	43,576	36,604	32,404	32,375	29,377	30,609	32,953	34,140	34,001	33,601	32,073
Anchorage	35,098	35,948	35,897	33,309	31,278	28,557	32,536	34,005	26,433	27,325	24,024
Susitna River Drainage[d]	44,448	39,094	37,480	38,871	38,827	40,661	43,211	40,083	40,574	37,477	56,143
Westside Cook Inlet [d]	39,463	27,235	25,544	25,874	27,025	28,323	33,474	28,370	26,319	29,031	9,672
Kenai Peninsula[e]	229,030	231,923	214,502	207,377	196,258	183,056	198,967	173,338	178,306	188,852	198,639
Kodiak	16,906	14,693	13,748	14,882	16,175	15,565	16,878	13,240	14,676	15,859	17,598
Naknek River Drainage-Alaska Peninsula	8,355	10,394	7,861	8,943	8,974	8,329	8,316	7,421	8,220	7,628	7,436
Kvichak River Drainage	8,635	10,472	8,051	8,106	8,061	7,194	6,908	5,817	4,879	5,284	6,081
Nushagak	8,160	7,925	8,411	6,954	8,270	7,918	8,093	8,132	6,133	7,275	7,539
Total[b,c,e]	336,872	342,826	317,917	306,619	298,513	286,098	304,235	303,986	298,119	323,692	338,217
Arctic-Yukon-Kuskokwim											
Upper Copper River Drainage[c,d]				24,893	26,044	21,814	18,250	15,572	15,646	17,437	12,672
Tanana River Drainages	32,334	41,654	35,362	31,612	31,129	30,833	25,200	21,546	21,801	24,999	24,987
Kuskokwim – Goodnews Drainages	3,948	3,699	4,308	5,693	5,721	5,219	3,765	3,737	3,626	4,336	4,278
Seward Peninsula-Norton Sound Drainages	3,016	3,719	2,958	2,773	3,206	3,124	2,700	2,371	2,743	2,187	2,432
Northwest Alaska Drainages	1,100	1,957	1,407	824	1,089	1,313	1,372	1,177	1,064	1,156	1,079
Yukon River Drainages	3,714	5,477	3,877	3,867	3,841	4,285	3,322	3,176	2,799	3,524	3,255
North Slope – Brooks Range Drainages	1,253	1,612	1,259	1,308	1,300	1,044	1,250	865	1,165	834	747
Total[b,c,d]	42,448	54,184	46,689	61,595	62,989	59,406	49,262	43,095	43,812	48,612	44,449
Alaska Total[b]	460,204	469,436	439,651	438,117	428,991	425,979	432,291	432,129	422,192	455,594	484,266

[a] In 2000 Glacier Bay Area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Chichagof I. formerly reported within the Sitka 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] Upper Copper River Area (I) estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997, to reflect the shift in management responsibilities.

[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 Area (M) and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[e] 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).

Appendix A11.–Estimates of number of Alaska sport fishing trips by region and area, 1994-2004.

Area Fished	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Southeast											
Ketchikan	66,096	54,160	48,600	45,027	37,199	51,867	58,944	51,440	52,221	45,582	63,637
Prince of Wales Island	45,242	38,605	30,498	36,413	34,857	45,661	42,344	36,025	39,311	41,021	40,796
Kake, Petersburg, Wrangell, Stikine	44,823	37,723	25,259	25,930	22,294	31,677	31,275	25,958	25,562	24,934	28,654
Sitka[a]	73,231	67,050	44,863	58,286	49,263	60,957	54,245	53,805	41,579	45,002	48,963
Juneau	108,370	116,579	77,493	82,392	71,969	86,850	83,005	80,776	66,983	75,741	79,127
Haines-Skagway	21,799	23,567	17,710	20,607	12,144	16,818	18,221	21,992	21,560	18,640	23,894
Glacier Bay[a]	11,189	16,151	10,101	14,694	8,966	12,479	23,612	21,404	16,946	18,672	19,695
Yakutat	12,932	12,286	12,046	18,815	13,591	17,153	16,088	11,508	10,474	21,318	17,708
Total[b]	383,682	366,121	266,570	302,164	250,283	323,462	327,734	302,908	274,636	290,910	322,474
Southcentral											
Upper Copper River Drainage[c,d]	48,612	56,001	35,056								
North Gulf Coast/Prince William Sound[e]	77,485	82,498	61,661	60,511	53,715	62,481	73,799	120,268	115,748	134,148	146,548
Knik Arm Drainage	111,100	96,517	68,913	71,018	58,386	69,639	78,758	69,080	76,481	69,088	72,697
Anchorage	129,932	158,523	111,809	114,997	104,585	105,057	121,440	101,308	79,706	73,727	72,241
Susitna River Drainage[d]	83,354	70,847	58,791	56,811	60,433	75,869	84,185	71,560	67,993	65,408	102,067
Westside Cook Inlet[d]	71,826	48,126	34,871	36,962	31,332	46,295	62,712	46,151	43,572	45,777	11,095
Kenai Peninsula[e]	712,711	715,186	502,639	492,626	408,010	490,118	558,985	421,259	438,458	435,716	474,449
Kodiak	68,928	62,140	54,082	54,199	56,699	63,610	72,516	43,718	47,603	55,066	55,779
Naknek River Drainage-Alaska Peninsula	30,148	31,962	24,399	27,217	22,706	30,275	33,688	21,704	24,452	20,082	29,537
Kvichak River Drainage	21,692	21,042	14,439	16,997	14,046	18,319	16,731	14,446	11,722	13,330	12,836
Nushagak	21,145	20,954	16,165	16,311	17,036	15,172	16,760	20,168	15,104	15,542	21,496
Total[b,c]	1,376,933	1,363,796	982,825	947,649	826,948	976,835	1,119,574	929,662	920,839	927,884	998,745
Arctic-Yukon-Kuskokwim											
Upper Copper River Drainage[c,d]				30,951	30,528	36,780	30,780	25,432	22,962	25,707	19,914
Tanana River Drainages	118,052	154,458	117,911	91,122	81,335	94,996	76,787	57,697	62,945	64,418	68,584
Kuskokwim – Goodnews Drainages	6,865	7,175	6,365	10,462	13,695	7,102	6,394	4,851	6,866	7,999	9,150
Seward Peninsula-Norton Sound Drainages	12,798	14,677	11,240	9,678	8,171	8,171	9,331	5,605	9,956	6,393	7,273
Northwest Alaska Drainages	3,221	5,423	2,477	1,876	1,677	2,431	3,673	2,194	2,801	3,145	2,578
Yukon River Drainages	6,789	10,942	4,801	6,028	5,114	5,511	5,347	3,935	8,226	4,102	5,041
North Slope – Brooks Range Drainages	4,308	3,549	3,000	3,032	2,068	3,344	2,232	3,817	3,262	1,756	1,970
Total[b,c]	152,033	196,224	145,794	153,149	142,588	158,335	134,544	103,531	117,018	113,520	114,510
Alaska Total[b]	1,912,648	1,926,141	1,395,189	1,402,962	1,219,819	1,458,632	1,581,852	1,336,101	1,312,493	1,332,314	1,435,729

[a] In 2000 Glacier Bay Area (G) was expanded to encompass Icy Strait, Cross Sound, and a portion of Chichagof I. formerly reported within the Sitka 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] Upper Copper River Area (I) estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997, to reflect the shift in management responsibilities.

[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 Area (M) and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[e] 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).

Appendix A12.– Estimates of number of angler-days fished by Alaska region and area fished, 1994-2004.

Area Fished	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Southeast											
Ketchikan	90,363	76,580	71,526	68,203	55,938	88,496	95,943	80,918	91,018	76,050	103,533
Prince of Wales Island	69,572	60,552	44,795	52,497	48,634	75,857	68,728	65,559	68,264	75,820	73,060
Kake, Petersburg, Wrangell, Stikine	63,584	52,755	32,718	37,994	32,637	51,185	53,300	41,699	45,236	36,442	47,719
Sitka[a]	107,993	101,138	64,982	88,565	77,434	105,157	90,891	92,390	67,756	69,843	81,631
Juneau	137,856	161,241	96,907	109,718	97,209	130,375	128,481	124,846	108,680	116,070	125,803
Haines-Skagway	32,592	34,484	25,152	29,645	19,413	27,300	32,480	36,200	37,650	33,649	42,518
Glacier Bay[a]	18,219	25,314	14,436	23,170	14,258	22,907	41,375	42,466	31,679	34,224	39,750
Yakutat	22,760	19,926	19,903	29,883	25,130	33,387	30,209	23,163	19,019	35,094	33,235
Total	542,939	531,990	370,419	439,675	370,653	534,664	541,407	507,241	469,302	477,192	547,249
Southcentral											
Upper Copper River Drainage[b,c]	85,520	102,951	64,407								
North Gulf Coast/Prince William Sound[d]	122,330	138,194	97,448	101,079	92,503	122,447	134,288	218,895	214,464	241,527	280,213
Knik Arm Drainage	143,372	126,154	90,990	95,730	78,218	112,642	121,601	111,027	126,194	103,978	113,528
Anchorage	142,277	176,401	126,325	139,549	125,513	146,789	167,499	135,359	111,694	104,004	101,943
Susitna River Drainage[c]	114,533	102,686	83,227	85,228	89,014	133,310	141,609	121,039	116,254	112,061	187,300
Westside Cook Inlet[c]	125,529	79,134	58,940	65,145	57,531	91,964	111,591	91,729	82,465	85,228	17,809
Kenai Peninsula[d]	1,003,847	1,043,493	738,712	732,938	638,161	818,865	916,426	694,671	727,420	700,305	789,609
Kodiak	99,132	85,529	76,879	78,355	78,688	110,767	121,407	77,421	88,224	88,837	94,138
Naknek River Drainage-Alaska Peninsula	45,920	44,119	34,216	40,551	34,748	51,291	55,510	36,889	43,618	34,371	52,842
Kvichak River Drainage	39,141	44,463	26,578	32,205	28,042	35,259	31,381	30,013	26,562	24,203	26,278
Nushagak	45,384	42,415	37,221	30,203	36,064	36,632	43,512	43,519	32,618	40,987	46,011
Total[b]	1,966,985	1,985,539	1,434,943	1,400,983	1,258,482	1,659,966	1,844,824	1,560,562	1,569,513	1,535,501	1,709,671
Arctic-Yukon-Kuskokwim											
Upper Copper River Drainage[c,d]				56,257	56,706	77,619	58,194	48,879	46,613	52,051	39,702
Tanana River Drainages	148,633	201,389	150,227	119,699	112,025	160,427	121,785	91,135	108,462	99,934	116,486
Kuskokwim – Goodnews Drainages	18,117	16,289	16,420	27,318	27,913	26,563	20,030	20,673	20,645	24,369	25,406
Seward Peninsula-Norton Sound Drainages	18,922	19,647	13,783	13,850	13,616	15,006	18,443	10,955	18,325	12,403	13,323
Northwest Alaska Drainages	6,036	8,495	5,571	3,729	3,801	6,771	7,056	5,904	6,417	6,121	5,704
Yukon River Drainages	12,872	18,677	10,678	12,725	10,127	12,906	11,327	10,560	15,044	9,117	13,109
North Slope – Brooks Range Drainages	5,407	5,644	4,487	5,278	3,653	5,230	4,739	6,032	4,770	2,710	3,311
Total[b]	209,987	270,141	201,166	238,856	227,841	304,522	241,574	194,138	220,276	206,705	217,041
Alaska Total	2,719,911	2,787,670	2,006,528	2,079,514	1,856,976	2,499,152	2,627,805	2,261,941	2,259,091	2,219,398	2,473,961

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

[b] Upper Copper River Area (I) estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997, to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Area (M) and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A13.–Estimates of number of angler-days fished in Alaska by region and area, 1994-2004.

Area Fished	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Southeast											
Ketchikan	90,363	76,580	71,526	68,203	55,938	88,496	95,943	80,918	91,018	76,050	103,533
Prince of Wales Island	69,572	60,552	44,795	52,497	48,634	75,857	68,728	65,559	68,264	75,820	73,060
Kake, Petersburg, Wrangell, Stikine	63,584	52,755	32,718	37,994	32,637	51,185	53,300	41,699	45,236	36,442	47,719
Sitka[a]	107,993	101,138	64,982	88,565	77,434	105,157	90,891	92,390	67,756	69,843	81,631
Juneau	137,856	161,241	96,907	109,718	97,209	130,375	128,481	124,846	108,680	116,070	125,803
Haines-Skagway	32,592	34,484	25,152	29,645	19,413	27,300	32,480	36,200	37,650	33,649	42,518
Glacier Bay[a]	18,219	25,314	14,436	23,170	14,258	22,907	41,375	42,466	31,679	34,224	39,750
Yakutat	22,760	19,926	19,903	29,883	25,130	33,387	30,209	23,163	19,019	35,094	33,235
Total	542,939	531,990	370,419	439,675	370,653	534,664	541,407	507,241	469,302	477,192	547,249
Southcentral											
Upper Copper River Drainage[b,c]	85,520	102,951	64,407								
North Gulf Coast/Prince William Sound[d]	122,330	138,194	97,448	101,079	92,503	122,447	134,288	218,895	214,464	241,527	280,213
Knik Arm Drainage	143,372	126,154	90,990	95,730	78,218	112,642	121,601	111,027	126,194	103,978	113,528
Anchorage	142,277	176,401	126,325	139,549	125,513	146,789	167,499	135,359	111,694	104,004	101,943
Susitna River Drainage[c]	114,533	102,686	83,227	85,228	89,014	133,310	141,609	121,039	116,254	112,061	187,300
Westside Cook Inlet [c]	125,529	79,134	58,940	65,145	57,531	91,964	111,591	91,729	82,465	85,228	17,809
Kenai Peninsula[d]	1,003,847	1,043,493	738,712	732,938	638,161	818,865	916,426	694,671	727,420	700,305	789,609
Kodiak	99,132	85,529	76,879	78,355	78,688	110,767	121,407	77,421	88,224	88,837	94,138
Naknek River Drainage-Alaska Peninsula	45,920	44,119	34,216	40,551	34,748	51,291	55,510	36,889	43,618	34,371	52,842
Kvichak River Drainage	39,141	44,463	26,578	32,205	28,042	35,259	31,381	30,013	26,562	24,203	26,278
Nushagak	45,384	42,415	37,221	30,203	36,064	36,632	43,512	43,519	32,618	40,987	46,011
Total[b]	1,966,985	1,985,539	1,434,943	1,400,983	1,258,482	1,659,966	1,844,824	1,560,562	1,569,513	1,535,501	1,709,671
Arctic-Yukon-Kuskokwim											
Upper Copper River Drainage[c,d]				56,257	56,706	77,619	58,194	48,879	46,613	52,051	39,702
Tanana River Drainages	148,633	201,389	150,227	119,699	112,025	160,427	121,785	91,135	108,462	99,934	116,486
Kuskokwim – Goodnews Drainages	18,117	16,289	16,420	27,318	27,913	26,563	20,030	20,673	20,645	24,369	25,406
Seward Peninsula-Norton Sound Drainages	18,922	19,647	13,783	13,850	13,616	15,006	18,443	10,955	18,325	12,403	13,323
Northwest Alaska Drainages	6,036	8,495	5,571	3,729	3,801	6,771	7,056	5,904	6,417	6,121	5,704
Yukon River Drainages	12,872	18,677	10,678	12,725	10,127	12,906	11,327	10,560	15,044	9,117	13,109
North Slope – Brooks Range Drainages	5,407	5,644	4,487	5,278	3,653	5,230	4,739	6,032	4,770	2,710	3,311
Total[b]	209,987	270,141	201,166	238,856	227,841	304,522	241,574	194,138	220,276	206,705	217,041
Alaska Total	**2,719,911**	**2,787,670**	**2,006,528**	**2,079,514**	**1,856,976**	**2,499,152**	**2,627,805**	**2,261,941**	**2,259,091**	**2,219,398**	**2,473,961**

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

[b] Upper Copper River Area (I) estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997, to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Area (M) and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A14.– Estimates of Alaska sport fish harvest by species, 1994-2004, and catch by species, 2004.

	Harvest											Catch
Species	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2004
SALMON SPECIES:												
Sea-run Chinook	176,870	156,507	163,569	185,175	144,098	184,296	177,928	177,473	153,941	177,092	193,041	543,127
Sea-run coho	502,127	368,631	555,196	444,525	501,935	632,829	624,327	811,799	776,033	783,328	861,490	1,539,819
Landlocked coho/Chinook	41,744	22,326	54,442	31,678	34,767	29,105	40,392	33,432	38,468	18,168	25,267	60,653
Sockeye	251,605	237,230	319,174	318,839	339,385	377,483	428,092	354,061	393,343	447,492	444,703	752,539
Kokanee salmon	747	209	76	202	638	51	22	37	29	0	66	614
Pink	144,140	122,314	167,804	111,671	145,589	177,295	164,787	136,486	173,644	136,495	193,841	1,057,646
Chum	21,877	26,646	38,565	31,348	33,725	24,944	41,814	37,196	26,377	34,110	33,568	242,036
OTHER SPECIES:												
Steelhead	2,346	1,037	412	334	390	675	387	421	526	367	396	20,750
Rainbow trout	112,261	112,681	133,229	127,661	102,403	132,481	144,873	81,279	117,063	84,531	85,136	815,054
Cutthroat trout	7,088	4,669	5,653	4,569	5,569	5,053	5,313	6,856	4,092	5,132	4,975	39,883
Brook trout	481	274	223	167	10	112	153	123	387	0	0	3,137
Lake trout	11,374	8,412	9,086	7,486	5,985	9,948	6,292	4,995	7,109	7,084	7,934	44,051
Dolly Varden/Arctic char	73,533	69,657	89,089	81,576	70,864	70,962	87,387	65,103	60,994	67,330	68,593	736,602
Arctic grayling	63,443	46,168	46,943	45,844	38,445	37,252	28,769	25,656	37,910	30,742	26,259	406,754
Northern pike	25,558	19,006	23,043	16,603	15,617	19,766	18,062	23,623	22,567	17,388	28,799	144,050
Whitefish	4,454	2,863	2,047	4,223	4,352	1,824	3,125	7,268	5,488	2,334	6,877	16,785
Burbot	10,868	7,128	5,841	12,189	6,882	6,903	9,809	3,744	9,119	6,099	5,704	8,175
Sheefish	1,511	2,200	1,502	1,761	815	1,157	2,037	1,930	1,211	2,851	3,345	9,622
Smelt	106,127	52,905	60,867	77,491	80,329	108,145	77,623	84,807	96,304	77,999	74,292	79,319
Pacific halibut	329,046	325,188	350,220	380,256	350,464	332,657	403,280	365,539	350,809	402,862	482,550	851,177
Shark[a]			127	1,391	609	516	454	585	438	958	502	16,410
Rockfish	98,971	75,613	79,050	88,220	87,458	120,228	131,658	116,818	120,398	118,316	180,143	407,345
Lingcod	27,878	20,192	24,362	28,305	25,312	30,565	34,817	26,757	20,255	21,521	30,920	83,115
Pacific cod[a]			1,911	8,469	5,252	3,471	4,605	3,389	2,562	3,821	3,535	16,516
Razor clams	1,317,675	1,199,945	843,983	850,003	660,219	773,758	879,273	673,601	788,665	590,018	550,540	550,540
Other fish	18,612	28,178	11,610	13,034	17,008	12,132	22,792	35,122	8,700	16,098	20,472	44,714
Total	3,350,336	2,909,979	2,988,024	2,873,020	2,678,120	3,093,608	3,338,071	3,078,100	3,216,432	3,052,136	3,332,948	8,490,433

[a] Estimates not generated for this species prior to 1996.

Appendix A15.– Estimates of Alaska sport fish saltwater harvest by species, 1994-2004, and catch by species, 2004.

	Harvest											Catch
Species	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2004
SALMON SPECIES:												
Sea-run Chinook	67,325	74,945	78,838	97,093	73,564	89,948	83,436	89,192	88,506	95,596	109,632	234,062
Sea-run coho	260,314	186,635	334,271	303,340	299,371	432,794	363,800	537,380	496,716	537,488	560,007	752,569
Landlocked coho/Chinook	0	0	0	0	0	0	0	0	0	0	0	0
Sockeye	16,176	16,237	15,423	17,124	21,995	28,387	25,363	24,687	24,373	28,524	23,536	33,280
Kokanee salmon	0	0	0	0	0	0	0	0	0	0	0	0
Pink	111,366	99,111	117,702	85,420	97,509	142,947	105,488	110,634	113,702	111,034	132,317	429,360
Chum	13,121	12,676	23,342	20,748	23,839	13,338	28,447	23,903	14,103	23,159	24,270	85,354
OTHER SPECIES:												
Steelhead	512	38	99	15	125	206	49	116	411	155	242	1,319
Rainbow trout	0	0	0	0	0	0	0	0	0	0	0	0
Cutthroat trout	1,518	581	894	798	1,107	733	857	1,447	863	1,259	1,718	5,130
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	13,999	13,727	16,570	18,419	17,299	13,693	21,712	14,256	10,080	11,146	11,891	51,764
Arctic grayling	141	0	0	0	0	0	0	0	0	0	0	0
Northern pike	0	0	0	0	0	0	0	0	0	0	0	0
Whitefish	46	0	0	0	0	95	0	0	0	76	27	133
Burbot	0	0	0	0	0	0	0	0	0	0	0	0
Sheefish	382	290	73	277	121	14	531	249	24	1,774	982	1,087
Smelt	13,299	5,982	16,839	19,172	22,299	21,503	16,122	21,132	67,539	38,483	17,696	19,829
Pacific halibut	329,046	325,188	350,220	380,256	350,464	332,657	403,280	365,539	350,809	402,862	482,550	851,177
Shark[a]			127	1,391	609	516	454	585	438	958	502	16,410
Rockfish	98,971	75,613	79,050	88,220	87,458	120,228	131,658	116,818	120,398	118,316	180,143	407,345
Lingcod	27,878	20,192	24,362	28,305	25,312	30,565	34,817	26,757	20,255	21,521	30,920	83,115
Pacific cod[a]			1,911	8,469	5,252	3,471	4,605	3,389	2,562	3,821	3,535	55,200
Razor clams	1,317,675	1,199,945	843,983	850,003	660,219	773,758	879,273	673,601	788,665	590,018	550,540	554,201
Other fish	14,696	26,119	11,039	11,696	14,651	10,112	19,872	25,362	7,087	13,645	17,287	36,601
Total	2,286,465	2,057,279	1,914,743	1,930,746	1,701,194	2,014,965	2,119,764	2,035,064	2,106,531	1,999,835	2,147,795	3,617,936

[a] Estimates not generated for this species prior to 1996.

Appendix A16.– Estimates of Alaska freshwater sport fish harvest by species, 1994-2004, and catch by species, 2004.

	Harvest											Catch
Species	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2004
SALMON SPECIES:												
Sea-run Chinook	109,545	81,562	84,731	88,082	70,534	94,348	94,492	88,281	65,435	81,496	83,409	309,065
Sea-run coho	241,813	181,996	220,925	141,185	202,564	200,035	260,527	274,419	279,317	245,840	301,483	787,250
Landlocked coho/Chinook	41,744	22,326	54,442	31,678	34,767	29,105	40,392	33,432	38,468	18,168	25,267	60,653
Sockeye	235,429	220,993	303,751	301,715	317,390	349,096	402,729	329,374	368,970	418,968	421,167	719,259
Kokanee salmon	747	209	76	202	638	51	22	37	29		66	614
Pink	32,774	23,203	50,102	26,251	48,080	34,348	59,299	25,852	59,942	25,461	61,524	628,286
Chum	8,756	13,970	15,223	10,600	9,886	11,606	13,367	13,293	12,274	10,951	9,298	156,682
OTHER SPECIES:												
Steelhead	1,834	999	313	319	265	469	338	305	115	212	154	19,431
Rainbow trout	112,261	112,681	133,229	127,661	102,403	132,481	144,873	81,279	117,063	84,531	85,136	815,054
Cutthroat trout	5,570	4,088	4,759	3,771	4,462	4,320	4,456	5,409	3,229	3,873	3,257	34,753
Brook trout	481	274	223	167	10	112	153	123	387			3,137
Lake trout	11,374	8,412	9,086	7,486	5,985	9,948	6,292	4,995	7,109	7,084	7,934	44,051
Dolly Varden/Arctic char	59,534	55,930	72,519	63,157	53,565	57,269	65,675	50,847	50,914	56,184	56,702	684,838
Arctic grayling	63,302	46,168	46,943	45,844	38,445	37,252	28,769	25,639	37,910	30,742	26,259	406,754
Northern pike	25,558	19,006	23,043	16,603	15,617	19,766	18,062	23,623	22,567	17,388	28,799	144,050
Whitefish	4,408	2,863	2,047	4,223	4,352	1,729	3,125	7,268	5,488	2,258	6,850	16,652
Burbot	10,868	7,128	5,841	12,189	6,882	6,903	9,809	3,744	9,119	6,099	5,704	8,175
Sheefish	1,129	1,910	1,429	1,484	694	1,143	1,506	1,681	1,187	1,077	2,363	8,535
Smelt	92,828	46,923	44,028	58,319	58,030	86,642	61,501	63,675	28,765	39,516	56,596	59,490
Pacific halibut	0	0	0	0	0	0	0	0	0	0	0	0
Shark[a]			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[a]			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	3,916	2,059	571	1,338	2,357	2,020	2,920	9,760	1,613	2,453	3,185	8,113
Total	1,063,871	852,700	1,073,281	942,274	976,926	1,078,643	1,218,307	1,043,036	1,109,901	1,052,301	1,185,153	4,914,842

[a] Estimates not generated for this species prior to 1996.

Appendix A17.– Estimates of Southeast Alaska sport fish harvest by species, 1994-2004, and catch by species, 2004.

	Harvest											Catch
Species	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2004
SALMON SPECIES:												
Sea-run Chinook	42,365	49,667	57,509	71,524	55,013	72,081	63,173	72,291	69,537	69,370	80,572	193,037
Sea-run coho	191,860	97,128	193,758	163,202	171,395	313,076	192,951	321,106	277,150	322,882	330,651	522,002
Landlocked coho/Chinook	717	48	36	195	249	2,111	544	1,488	484	1,254	76	418
Sockeye	13,023	13,491	15,709	21,273	25,450	26,476	25,891	19,841	16,840	27,076	20,492	36,821
Kokanee salmon	60	0	76	29	223	51	22	37	29	0	66	614
Pink	52,263	42,958	85,059	62,549	50,706	107,142	60,050	75,193	81,182	74,196	99,543	383,909
Chum	11,561	11,438	20,196	19,059	21,256	12,393	23,836	21,357	13,109	21,114	21,484	84,306
OTHER SPECIES:												
Steelhead	685	233	159	243	119	319	180	258	94	149	169	10,985
Rainbow trout	2,178	1,655	1,911	2,126	2,542	2,196	3,029	1,298	1,589	1,119	732	17,586
Cutthroat trout	6,476	4,547	4,946	3,927	4,852	4,604	4,958	6,391	3,851	4,070	4,708	38,224
Brook trout	481	274	223	167	10	112	153	123	387	0	0	3,137
Lake trout	0	0	0	0	0	0	0	0	0	0	0	0
Dolly Varden/Arctic char	18,558	17,723	22,447	21,722	21,751	16,441	25,952	16,258	15,720	20,707	16,781	106,389
Arctic grayling	77	9	303	0	58	228	10	26	14	0	0	130
Northern pike	0	0	0	0	0	0	0	26	0	0	0	151
Whitefish	0	0	0	4	0	0	0	0	15	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	2,797	904	1,284	4,478	3,868	4,479	2,469	3,599	1,396	7,280	3,542	4,043
Pacific halibut	92,317	91,778	98,133	109,312	102,110	100,681	116,367	113,692	107,185	124,857	151,913	243,986
Shark[a]			0	0	0	0	0	0	0	0	0	0
Rockfish	44,406	34,347	32,886	40,088	44,142	71,489	69,149	57,578	49,749	55,394	87,663	218,008
Lingcod	20,069	13,103	16,409	18,032	18,041	22,252	22,608	16,424	9,597	10,656	16,064	46,003
Razor clams	928	2,004	228	141	126	0	9	65	0	0	0	0
Other fish	7,200	13,533	3,580	5,760	6,108	3,940	5,291	2,413	2,215	5,428	7,960	16,867
Total	508,021	394,840	554,852	543,831	528,019	760,071	616,642	729,464	650,143	745,552	842,416	1,926,616

[a] Estimates not generated for this species prior to 1996.

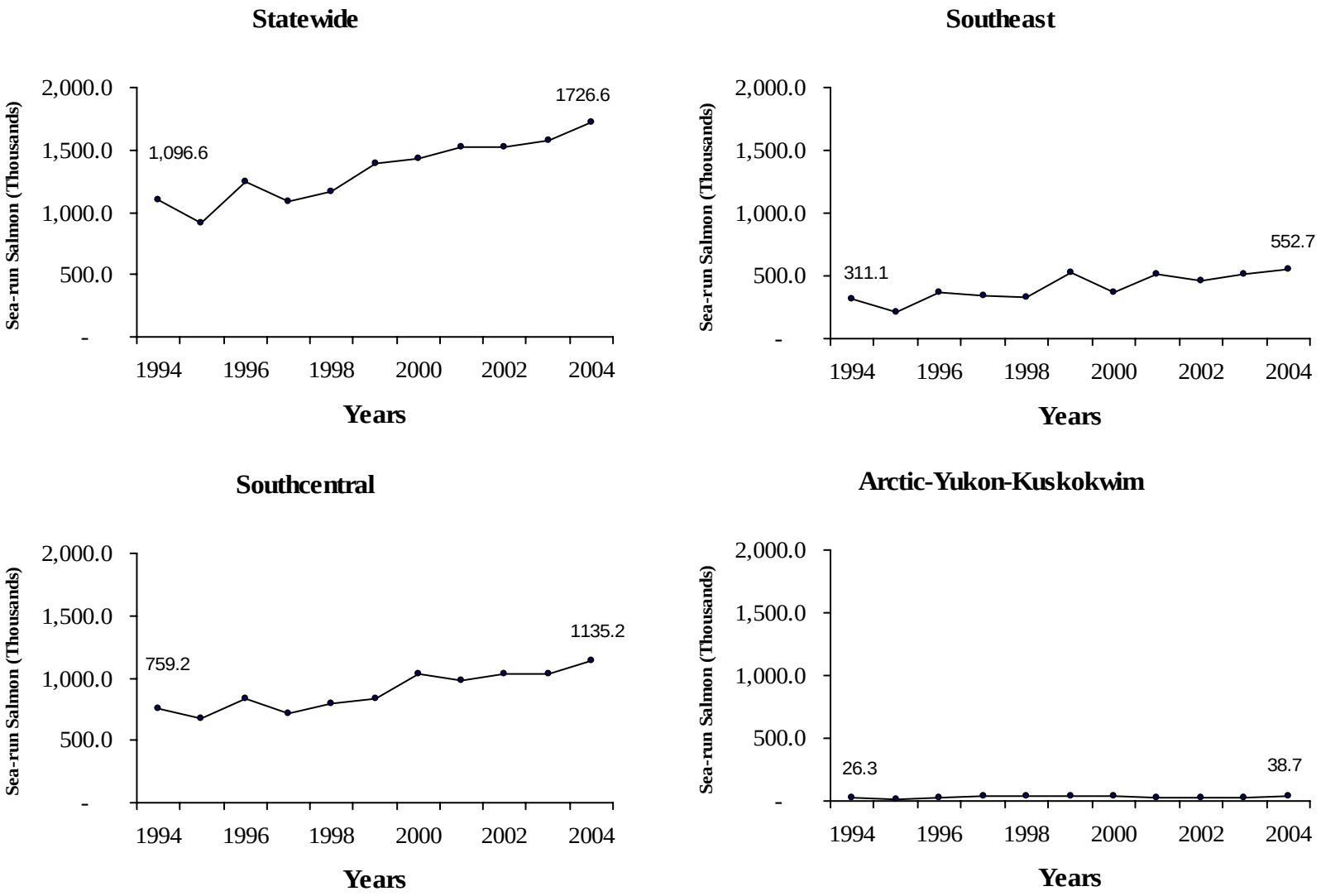
Appendix A18.– Estimates of Southcentral Alaska sport fish harvest by species, 1994-2004, and catch by species, 2004.

	Harvest											Catch
Species	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2004
SALMON SPECIES:												
Sea-run Chinook	129,476	102,549	98,983	98,680	76,195	102,360	106,883	97,881	76,609	98,287	105,789	316,927
Sea-run coho	299,849	263,749	347,567	269,996	321,029	309,564	419,835	480,048	488,911	450,231	516,183	926,322
Landlocked coho/Chinook	30,677	14,080	40,766	24,328	22,427	18,125	22,467	21,465	20,009	10,183	16,732	36,450
Sockeye	237,670	223,358	302,678	284,062	301,044	338,741	388,973	325,590	368,472	412,365	416,752	700,026
Kokanee salmon	687	209	0	173	415	0	0	0	0	0	0	0
Pink	84,649	78,374	76,247	47,589	87,711	67,102	101,189	60,922	87,950	59,895	85,465	610,304
Chum	7,556	12,864	14,413	10,693	10,593	10,873	14,893	12,201	10,862	10,486	11,057	135,589
OTHER SPECIES:												
Steelhead	1,661	804	253	91	271	348	207	163	432	218	227	9,701
Rainbow trout	76,384	74,972	81,814	87,554	55,864	77,707	89,171	57,629	73,542	53,155	56,082	688,354
Cutthroat trout	612	122	707	642	717	449	355	465	241	1,062	267	1,659
Brook trout	0	0	0	0	0	0	0	0	0	0	0	0
Lake trout	9,543	7,080	7,880	4,197	3,328	5,817	3,118	3,092	3,747	3,983	5,690	29,014
Dolly Varden/Arctic char	45,256	43,073	54,229	46,468	37,608	36,606	43,761	35,343	29,755	30,866	37,059	513,342
Arctic grayling	30,249	22,874	21,649	11,876	7,776	8,749	6,621	7,022	6,929	5,987	7,291	130,861
Northern pike	5,800	5,323	10,503	10,489	9,595	13,327	12,019	16,673	14,862	11,282	17,122	52,740
Whitefish	3,000	1,867	1,215	1,380	1,474	277	524	1,988	1,053	661	1,031	8,704
Burbot	5,165	1,853	2,030	3,575	1,578	1,373	2,552	740	1,467	1,378	1,248	2,195
Sheefish	0	0	0	0	0	0	0	0	0	0	0	0
Smelt	95,824	50,735	57,010	70,185	73,128	100,620	72,505	80,084	94,434	70,719	68,330	72,711
Pacific halibut	236,609	233,389	251,746	270,775	247,316	231,708	286,366	251,847	243,624	277,924	330,609	607,134
Shark[a]			127	1,391	609	516	454	585	438	958	502	16,410
Rockfish	54,565	41,266	46,164	48,132	43,316	48,739	62,509	59,240	70,649	62,922	92,480	189,337
Lingcod	7,809	7,089	7,953	10,273	7,271	8,313	12,209	10,333	10,658	10,865	14,856	37,112
Pacific cod[a]			1,911	8,469	5,252	3,471	4,605	3,389	2,562	3,821	3,535	16,516
Razor clams	1,316,747	1,197,941	843,755	849,862	660,093	773,758	879,264	673,536	788,665	590,018	550,540	550,540
Other fish	9,851	13,095	7,239	6,809	9,720	5,319	16,805	28,603	5,955	10,289	11,393	25,334
Total	2,689,639	2,396,666	2,276,839	2,167,689	1,984,330	2,163,862	2,547,285	2,228,839	2,401,826	2,177,555	2,350,240	5,677,282

[a] Estimates not generated for this species prior to 1996.

Appendix A19.– Estimates of Arctic-Yukon-Kuskokwim sport fish harvest by species, 1994-2004, and catch by species, 2004.

	Harvest											Catch
Species	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2004
SALMON SPECIES:												
Sea-run Chinook	5,029	4,291	7,077	14,971	12,890	9,855	7,872	7,301	7,795	9,435	6,680	33,163
Sea-run coho	10,418	7,754	13,871	11,327	9,511	10,189	11,541	10,645	9,972	10,215	14,656	91,495
Landlocked coho/Chinook	10,350	8,198	13,640	7,155	12,091	8,869	17,381	10,479	17,975	6,731	8,459	23,785
Sockeye	912	381	787	13,504	12,891	12,266	13,228	8,630	8,031	8,051	7,459	15,692
Kokanee salmon	0	0	0	0	0	0	0	0	0	0	0	0
Pink	7,228	982	6,498	1,533	7,172	3,051	3,548	371	4,512	2,404	8,833	63,433
Chum	2,760	2,344	3,956	1,596	1,876	1,678	3,085	3,638	2,406	2,510	1,027	22,141
OTHER SPECIES:												
Steelhead	0	0	0	0	0	8	0	0	0	0	0	64
Rainbow trout	33,699	36,054	49,504	37,981	43,997	52,578	52,673	22,352	41,932	30,257	28,322	109,114
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	1,831	1,332	1,206	3,289	2,657	4,131	3,174	1,903	3,362	3,101	2,244	15,037
Dolly Varden/Arctic char	9,719	8,861	12,413	13,386	11,505	17,915	17,674	13,502	15,519	15,757	14,753	116,871
Arctic grayling	33,117	23,285	24,991	33,968	30,611	28,275	22,138	18,608	30,967	24,755	18,968	275,763
Northern pike	19,758	13,683	12,540	6,114	6,022	6,439	6,043	6,924	7,705	6,106	11,677	91,159
Whitefish	1,454	996	832	2,839	2,878	1,547	2,601	5,280	4,420	1,673	5,846	8,081
Burbot	5,703	5,275	3,811	8,614	5,304	5,530	7,257	3,004	7,652	4,721	4,456	5,980
Sheefish	1,511	2,200	1,502	1,761	815	1,157	2,037	1,930	1,211	2,851	3,345	9,622
Smelt	7,506	1,266	2,573	2,828	3,333	3,046	2,649	1,124	474	0	2,420	2,565
Pacific halibut	120	21	341	169	1,038	268	547	0	0	81	28	57
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
Razor clams	0	0	0	0	0	0	0	0	0	0	0	0
Other fish	1,561	1,550	791	465	1,180	2,873	696	4,106	530	381	1,119	2,513
Total	152,676	118,473	156,333	161,500	165,771	169,675	174,144	119,797	164,463	129,029	140,292	886,535



Appendix A20.– Estimates of Alaska sport sea-run salmon harvest, 1994-2004, statewide and by region.

Appendix A21.–Estimates of Alaska sport sea-run salmon harvest, 1994-2004, and catch, 2004, by region and area.

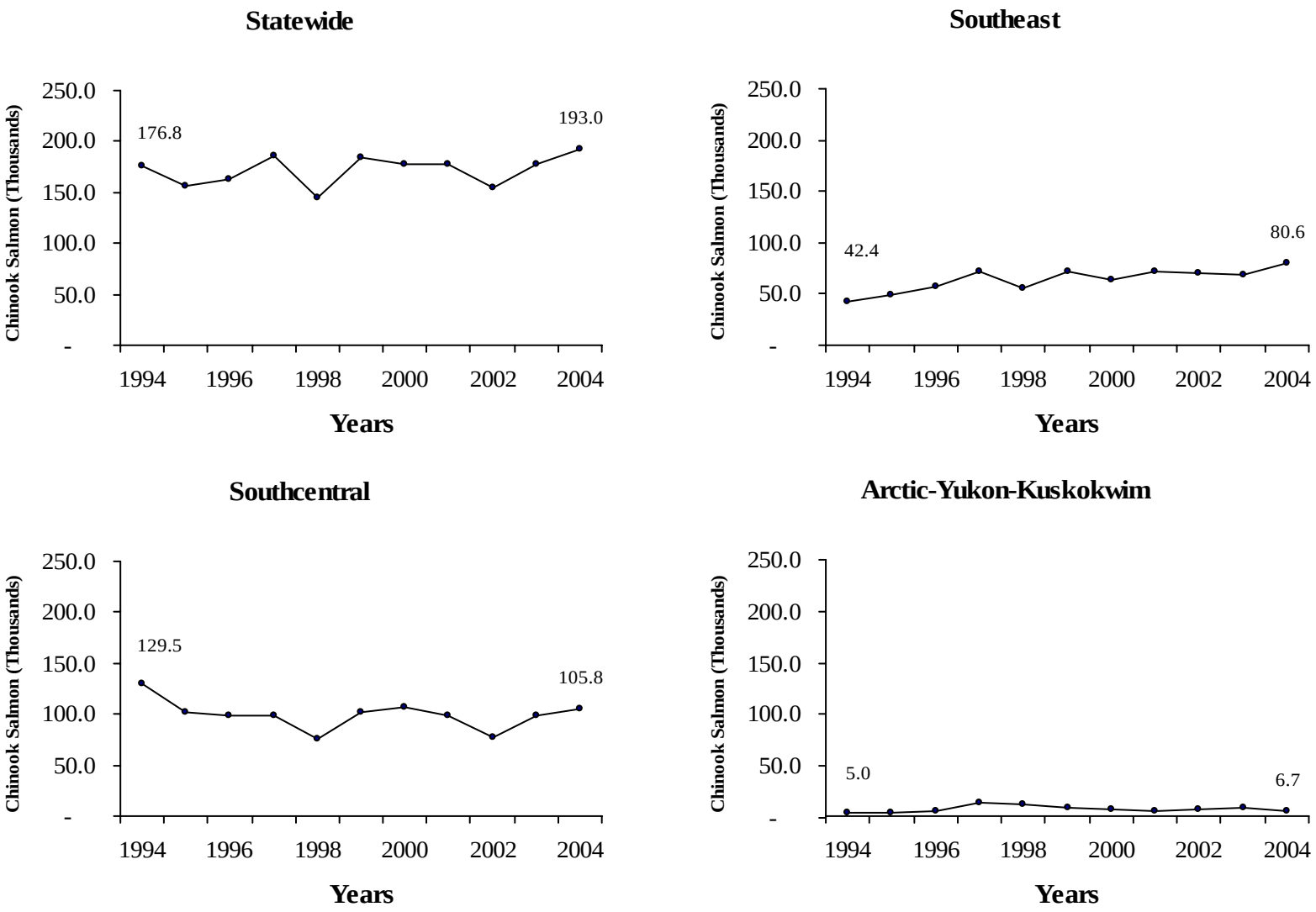
	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	60,424	43,432	102,822	65,922	68,639	102,640	80,955	87,655	101,979	99,272	132,835	232,184
Prince of Wales Island	41,238	34,830	80,781	61,371	63,794	107,984	74,379	117,576	111,778	124,892	101,497	244,254
Kake, Petersburg, Wrangell, Stikine	20,047	12,967	14,218	12,544	9,816	29,305	15,758	22,351	20,481	20,306	23,763	50,444
Sitka[a]	63,615	42,649	75,015	81,630	90,921	125,974	68,451	117,502	68,994	101,736	111,611	219,712
Juneau	95,097	56,777	62,392	63,904	55,362	92,539	69,899	87,336	74,005	82,115	79,510	178,908
Haines-Skagway	8,639	4,690	7,179	7,238	4,193	7,994	8,587	12,684	18,158	11,996	18,502	57,956
Glacier Bay[a]	9,414	6,420	8,113	13,432	7,693	23,777	20,698	40,030	44,138	32,047	41,676	79,685
Yakutat	12,598	12,917	21,711	31,566	23,402	40,955	27,174	24,654	18,285	42,274	43,348	156,932
Total	311,072	214,682	372,231	337,607	323,820	531,168	365,901	509,788	457,818	514,638	552,742	1,220,075
Southcentral												
Upper Copper River Drainage[b,c]	13,173	12,937	21,159									
North Gulf Coast/Prince William Sound[d]	92,110	99,860	100,589	85,964	96,386	100,841	140,952	262,171	234,030	266,769	268,161	495,589
Knik Arm Drainage	39,915	31,230	33,402	19,576	32,723	21,668	45,099	38,248	54,413	34,927	45,669	92,766
Anchorage	20,403	21,240	26,604	27,308	49,364	19,120	36,942	47,292	30,651	19,909	18,471	44,281
Susitna River Drainage[c]	42,520	36,264	44,570	32,466	47,256	50,603	70,792	53,727	48,454	35,318	77,606	338,668
Westside Cook Inlet [c]	41,053	40,515	44,199	30,475	39,752	53,046	67,617	62,603	47,500	61,433	20,538	58,603
Kenai Peninsula[d]	421,335	357,452	483,852	429,083	428,804	478,012	550,981	411,919	513,048	507,234	570,964	1,070,690
Kodiak	33,700	36,759	37,204	42,480	50,478	58,216	69,125	55,990	70,105	60,959	73,323	217,909
Naknek River Drainage-Alaska Peninsula	16,881	14,944	18,758	18,714	16,271	19,222	20,618	20,169	18,272	20,733	27,851	104,425
Kvichak River Drainage	19,839	20,089	11,728	13,849	19,815	16,487	12,510	8,158	6,036	6,691	12,942	94,033
Nushagak	18,271	9,604	17,823	11,105	15,723	11,425	17,137	16,365	10,295	17,291	19,721	172,204
Total[b]	759,200	680,894	839,888	711,020	796,572	828,640	1,031,773	976,642	1,032,804	1,031,264	1,135,246	2,689,168
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				20,735	19,718	17,867	18,216	13,165	13,243	13,102	10,030	24,054
Tanana River Drainages	3,296	4,589	6,979	3,638	1,121	1,926	584	1,818	1,326	3,533	2,133	13,331
Kuskokwim – Goodnews Drainages	7,772	4,847	9,232	10,415	9,769	7,088	5,666	6,467	6,670	6,433	9,338	108,747
Seward Peninsula-Norton Sound Drainages	13,752	5,569	14,685	7,265	12,668	9,462	12,261	7,244	10,134	6,364	15,552	68,569
Northwest Alaska Drainages	299	359	626	272	190	424	729	1,700	633	727	196	613
Yukon River Drainages	1,228	388	656	606	861	272	407	191	639	2,407	1,318	10,492
North Slope – Brooks Range Drainages	0	0	11	0	13	0	1,411	0	71	49	88	118
Total[b]	26,347	15,752	32,189	42,931	44,340	37,039	39,274	30,585	32,716	32,615	38,655	225,924
Alaska Total	1,096,619	911,328	1,244,308	1,091,558	1,164,732	1,396,847	1,436,948	1,517,015	1,523,338	1,578,517	1,726,643	4,135,167

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).



Appendix A22.–Estimates of Alaska sport sea-run Chinook salmon harvest, 1994-2004, statewide and by region.

Appendix A23.–Estimates of Alaska sport sea-run Chinook salmon harvest, 1994-2004, and catch, 2004, by region and area.

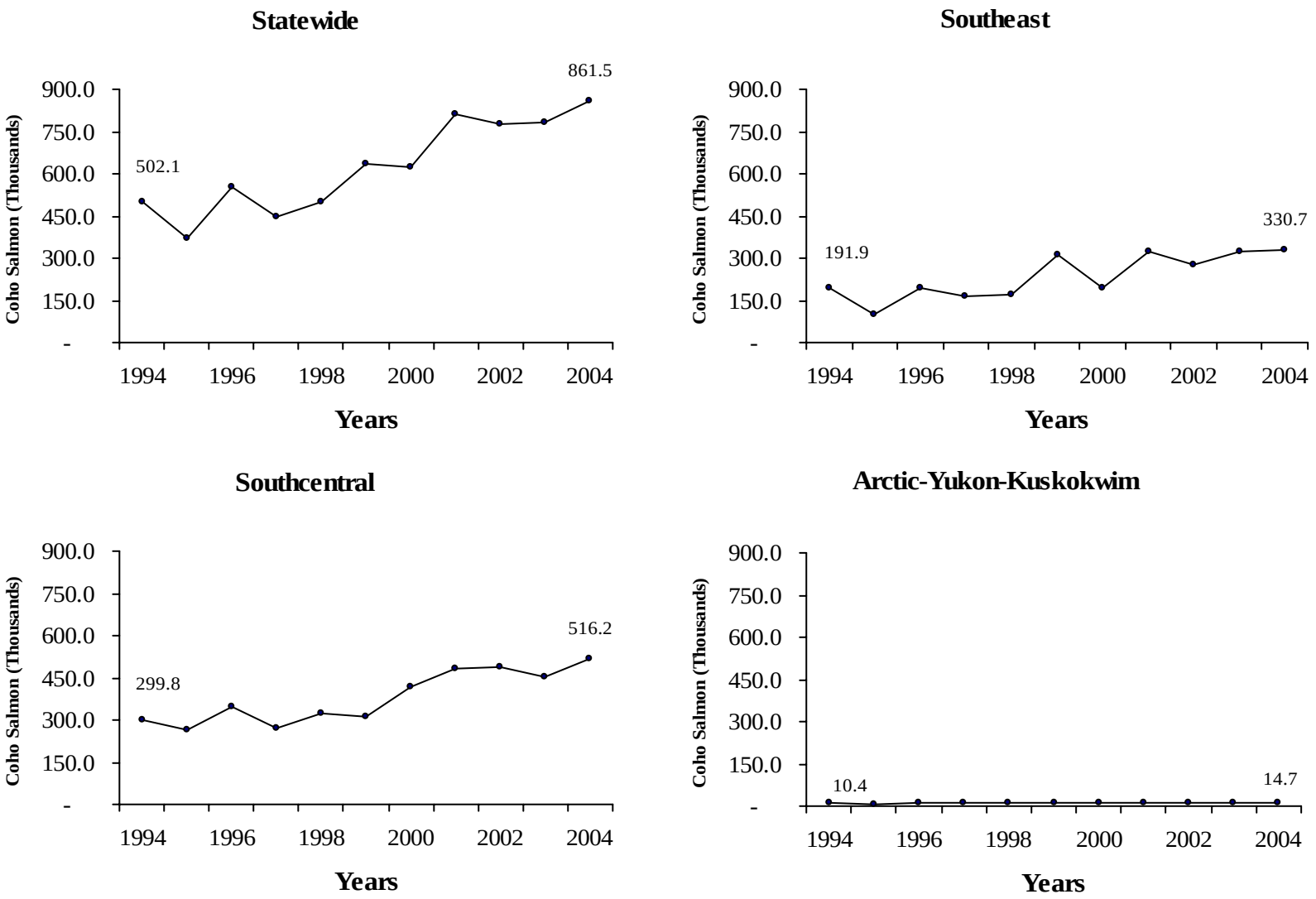
	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	5,448	3,543	5,437	5,257	3,242	7,916	9,570	10,348	12,366	11,788	14,393	37,274
Prince of Wales Island	7,006	9,063	6,833	7,830	10,232	8,518	6,755	7,455	11,917	7,793	10,120	29,411
Kake, Petersburg, Wrangell, Stikine	4,217	4,085	5,039	6,299	3,692	9,502	8,926	9,962	8,542	7,465	7,958	15,574
Sitka[a]	12,263	17,342	19,743	28,986	24,547	28,548	18,888	24,205	17,994	21,727	26,443	65,229
Juneau	11,407	11,428	14,684	15,521	8,778	11,574	12,126	15,215	13,364	13,679	14,756	28,240
Haines-Skagway	636	1,243	777	1,609	691	1,168	1,342	1,252	1,550	2,117	1,895	5,084
Glacier Bay[a]	576	895	1,384	3,093	1,314	2,095	3,217	2,711	2,838	3,325	3,601	9,034
Yakutat	812	2,068	3,612	2,929	2,517	2,760	2,349	1,143	966	1,476	1,406	3,191
Total	42,365	49,667	57,509	71,524	55,013	72,081	63,173	72,291	69,537	69,370	80,572	193,037
Southcentral												
Upper Copper River Drainage[b,c]	6,431	6,709	9,116									
North Gulf Coast/Prince William Sound[d]	1,724	977	2,027	2,703	1,622	1,763	2,383	4,844	5,112	6,372	5,553	10,768
Knik Arm Drainage	4,303	1,707	1,579	2,938	2,031	2,724	2,825	2,255	3,195	2,562	2,556	5,488
Anchorage	2,708	4,054	4,456	4,616	2,156	5,462	4,751	4,452	2,421	3,678	3,160	7,713
Susitna River Drainage[c]	14,970	7,872	11,023	10,989	10,472	16,875	11,773	13,504	10,695	9,499	24,192	69,536
Westside Cook Inlet [c]	12,231	7,300	7,429	9,197	10,526	13,744	18,776	14,702	12,612	16,231	795	2,841
Kenai Peninsula[d]	65,092	59,319	47,133	51,011	32,063	45,825	46,405	38,611	29,889	40,228	44,107	95,479
Kodiak	3,166	2,622	4,631	5,691	4,052	6,791	9,624	7,649	5,674	9,031	11,263	20,567
Naknek River Drainage-Alaska Peninsula	5,197	4,688	3,891	5,552	4,364	3,203	2,927	4,028	2,528	3,105	4,263	15,009
Kvichak River Drainage	1,308	1,293	1,145	1,112	2,054	676	688	592	421	577	1,293	6,891
Nushagak	12,346	6,008	6,553	4,871	6,855	5,297	6,731	7,244	4,062	7,004	8,607	82,635
Total[b]	129,476	102,549	98,983	98,680	76,195	102,360	106,883	97,881	76,609	98,287	105,789	316,927
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				8,346	8,245	6,742	5,531	4,904	5,098	5,717	3,435	12,664
Tanana River Drainages	1,871	2,488	3,745	1,953	447	1,001	177	667	478	2,153	1,319	6,339
Kuskokwim – Goodnews Drainages	2,148	1,328	2,542	3,345	3,401	1,440	1,181	1,384	1,397	734	1,197	10,719
Seward Peninsula-Norton Sound Drainages	600	438	662	1,106	590	630	878	334	802	239	535	2,353
Northwest Alaska Drainages	0	0	0	0	0	20	6	0	12	26	0	0
Yukon River Drainages	410	37	128	221	207	22	99	12	8	566	194	1,088
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	5,029	4,291	7,077	14,971	12,890	9,855	7,872	7,301	7,795	9,435	6,680	33,163
Alaska Total	176,870	156,507	163,569	185,175	144,098	184,296	177,928	177,473	153,941	177,092	193,041	543,127

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).



Appendix A24.–Estimates of Alaska sport sea-run coho salmon harvests, 1994-2004, statewide and by region.

Appendix A25.–Estimates of Alaska sport sea-run coho salmon harvest, 1994-2004, and catch, 2004, by region and area.

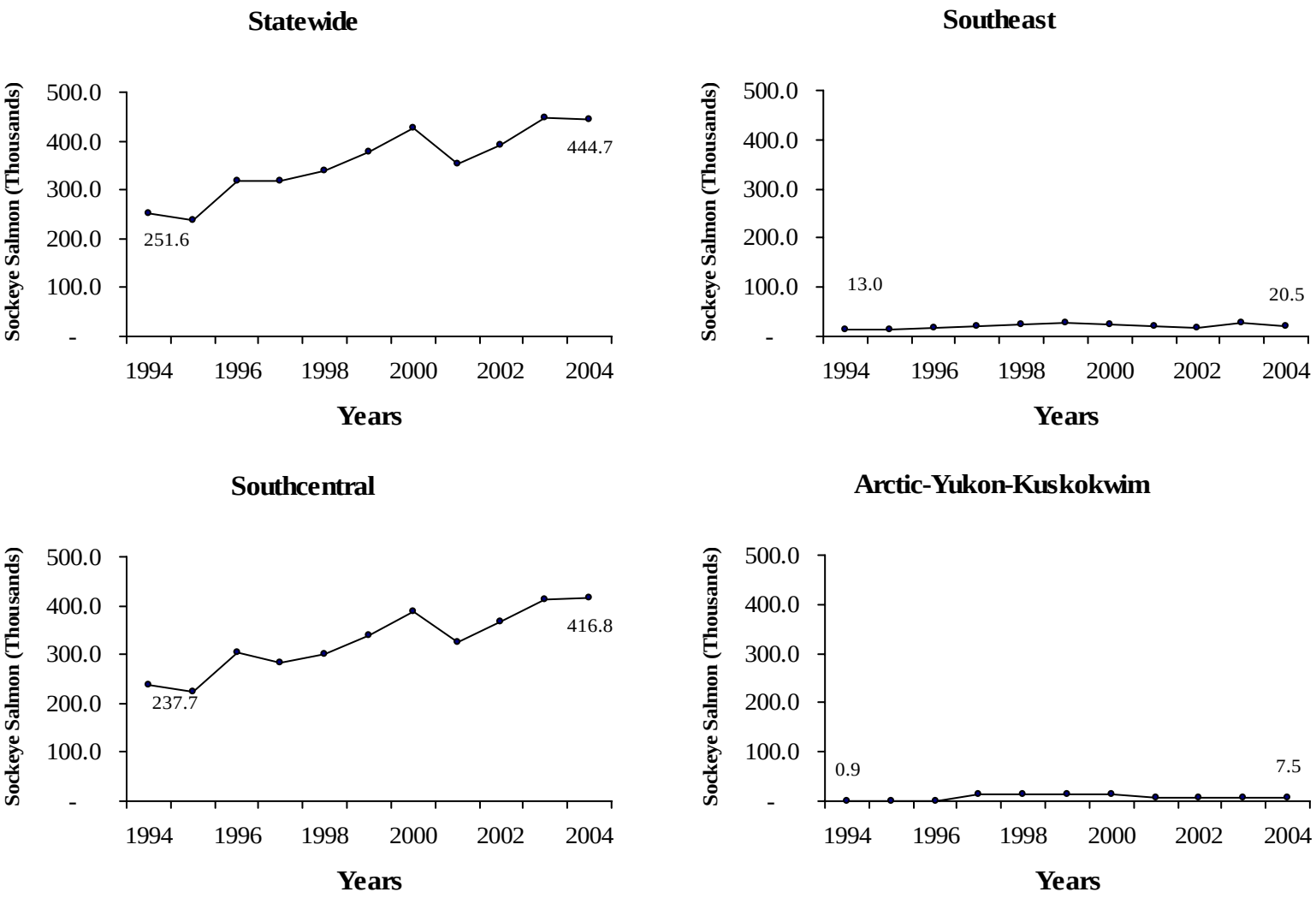
	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	34,755	16,583	47,911	32,498	31,895	53,000	33,033	47,303	56,126	51,602	64,294	79,138
Prince of Wales Island	26,411	16,645	53,792	38,210	41,190	76,552	49,077	87,553	74,834	94,838	74,586	105,806
Kake, Petersburg, Wrangell, Stikine	14,008	5,811	6,640	3,338	3,282	12,763	3,847	6,916	9,268	9,348	11,894	16,236
Sitka[a]	42,878	16,614	35,892	37,953	51,468	76,246	39,506	83,514	40,205	68,507	70,090	91,030
Juneau	57,127	30,396	32,472	27,392	28,663	51,297	39,254	49,296	48,480	49,658	47,088	61,608
Haines-Skagway	1,996	2,097	1,821	1,850	992	2,578	2,435	4,194	6,361	4,031	5,253	9,475
Glacier Bay[a]	6,811	2,976	4,667	5,955	3,781	11,990	13,271	26,918	30,992	20,648	26,996	36,794
Yakutat	7,874	6,006	10,563	16,006	10,124	28,650	12,528	15,412	10,884	24,250	30,450	121,915
Total	191,860	97,128	193,758	163,202	171,395	313,076	192,951	321,106	277,150	322,882	330,651	522,002
Southcentral												
Upper Copper River Drainage[b,c]	209	160	192									
North Gulf Coast/Prince William Sound[d]	30,573	47,116	59,934	49,145	47,973	53,089	87,467	207,563	186,733	210,185	211,977	320,504
Knik Arm Drainage	28,539	20,650	24,874	11,773	23,750	14,429	32,530	30,106	44,448	24,583	34,298	55,870
Anchorage	13,948	13,267	17,795	20,578	42,219	12,266	28,191	40,693	26,260	13,375	13,447	25,474
Susitna River Drainage[c]	20,870	19,165	24,174	10,297	23,086	23,292	37,748	26,617	27,183	18,585	38,269	89,714
Westside Cook Inlet [c]	23,169	28,420	31,315	14,055	21,912	29,650	36,459	36,237	29,316	30,760	16,179	43,022
Kenai Peninsula[d]	158,618	113,870	154,686	129,095	128,249	137,132	153,464	95,023	123,318	101,999	132,339	199,768
Kodiak	12,406	13,236	16,033	22,996	24,850	27,781	30,975	28,653	37,429	31,976	46,101	94,468
Naknek River Drainage-Alaska Peninsula	7,053	4,680	9,880	8,046	5,908	8,678	7,293	9,178	9,418	12,190	13,665	41,808
Kvichak River Drainage	1,863	1,396	2,249	2,077	413	1,049	1,141	1,835	1,310	1,430	3,082	9,694
Nushagak	2,601	1,789	6,435	1,934	2,669	2,198	4,567	4,143	3,496	5,148	6,826	46,000
Total[b]	299,849	263,749	347,567	269,996	321,029	309,564	419,835	480,048	488,911	450,231	516,183	926,322
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				96	289	24	324	92	384	277	131	478
Tanana River Drainages	1,165	1,116	1,354	1,229	604	451	310	1,122	541	1,317	716	5,796
Kuskokwim – Goodnews Drainages	2,978	2,771	4,756	5,430	4,023	3,974	3,294	4,474	4,265	5,297	7,096	63,233
Seward Peninsula-Norton Sound Drainages	5,547	3,705	7,289	4,393	4,441	5,582	7,359	4,802	4,211	3,039	5,806	17,646
Northwest Alaska Drainages	0	0	40	0	0	0	10	29	20	125	0	13
Yukon River Drainages	728	162	432	179	154	158	244	126	551	160	907	4,329
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	10,418	7,754	13,871	11,327	9,511	10,189	11,541	10,645	9,972	10,215	14,656	91,495
Alaska Total	502,127	368,631	555,196	444,525	501,935	632,829	624,327	811,799	776,033	783,328	861,490	1,539,819

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).



Appendix A26.–Estimates of Alaska sport sea-run sockeye salmon harvest, 1994-2004 statewide and by region.

Appendix A27.–Estimates of Alaska sport sockeye salmon harvest, 1994-2004, and catch, 2004, by region and area.

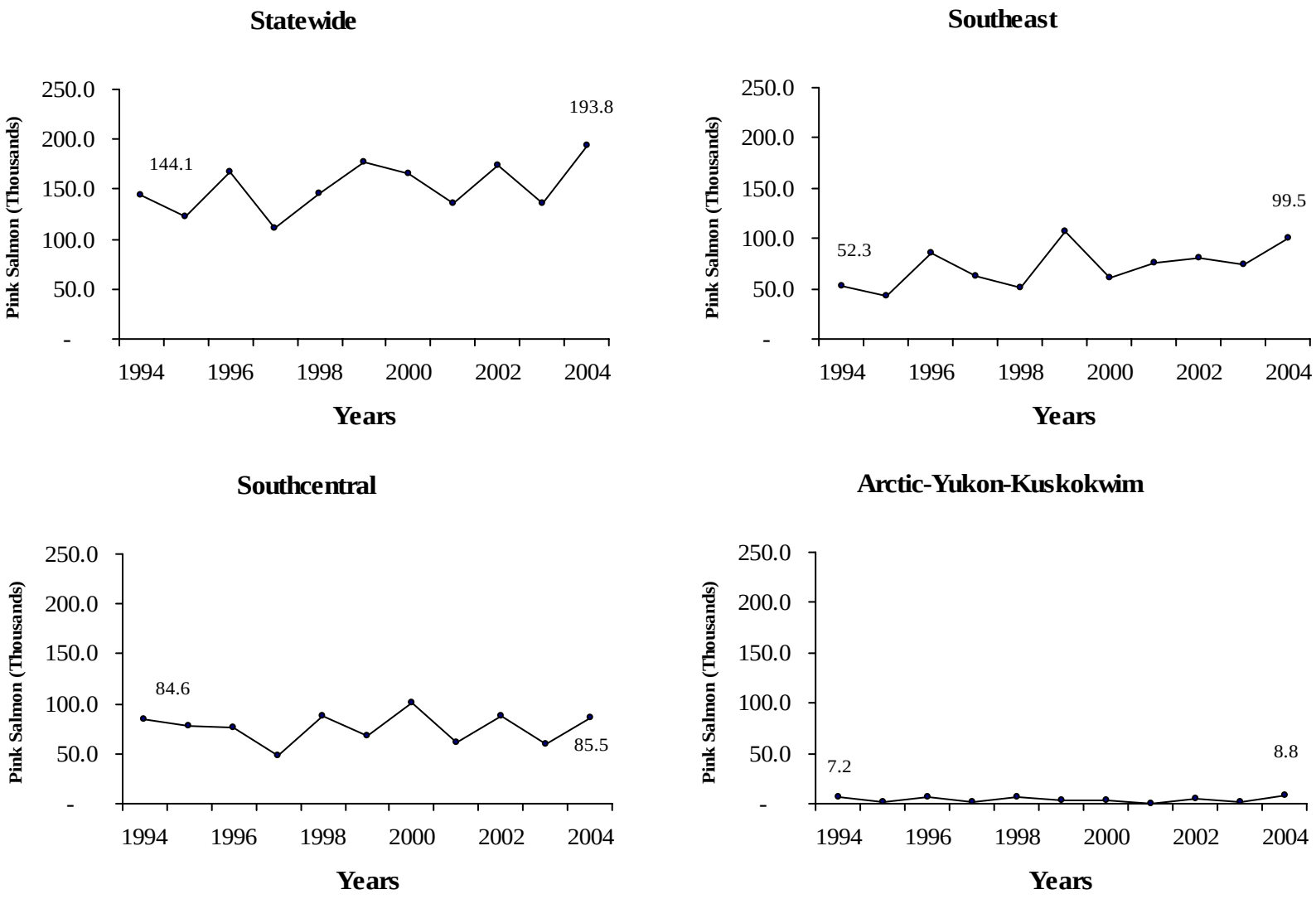
	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	2,317	1,577	1,745	1,687	2,949	2,095	3,152	1,436	1,082	3,040	1,175	1,501
Prince of Wales Island	2,186	1,979	1,765	2,891	3,165	3,951	3,983	3,304	2,103	1,932	1,049	2,627
Kake, Petersburg, Wrangell, Stikine	521	1,071	690	1,474	880	754	1,292	1,450	1,185	1,314	1,080	3,577
Sitka[a]	2,138	1,579	3,041	3,509	3,781	7,566	2,382	1,962	1,288	2,184	2,391	4,699
Juneau	1,419	1,958	1,106	1,956	3,861	2,733	2,451	2,098	1,202	1,242	1,797	2,713
Haines-Skagway	538	506	902	784	276	683	944	3,184	3,260	2,446	1,294	2,162
Glacier Bay[a]	93	696	327	535	180	85	416	254	544	923	1,108	1,893
Yakutat	3,811	4,125	6,133	8,437	10,358	8,609	11,271	6,153	6,176	13,995	10,598	17,649
Total	13,023	13,491	15,709	21,273	25,450	26,476	25,891	19,841	16,840	27,076	20,492	36,821
Southcentral												
Upper Copper River Drainage[b,c]	6,533	6,068	11,851									
North Gulf Coast/Prince William Sound[d]	6,948	3,711	5,496	5,086	8,312	10,666	9,830	7,856	10,033	10,026	12,462	15,914
Knik Arm Drainage	5,082	4,349	4,307	4,095	5,499	3,658	7,536	4,328	4,619	6,606	7,148	13,124
Anchorage	1,594	381	884	1,023	1,271	542	537	894	330	943	286	1,012
Susitna River Drainage[c]	3,443	3,682	2,675	5,851	5,859	4,608	6,509	6,776	3,427	2,734	6,465	16,956
Westside Cook Inlet [c]	4,011	3,722	4,340	5,283	5,190	8,269	9,549	9,785	4,191	13,440	3,323	8,206
Kenai Peninsula[d]	176,462	171,850	251,963	237,981	241,843	280,544	317,107	269,416	324,720	354,020	365,196	574,089
Kodiak	12,502	7,994	7,848	7,938	8,763	10,405	16,972	12,199	12,215	12,562	7,884	19,878
Naknek River Drainage-Alaska Peninsula	3,169	3,817	3,246	3,384	4,063	4,232	7,717	6,079	4,927	4,431	5,324	14,292
Kvichak River Drainage	16,223	16,808	7,318	10,315	15,638	14,009	9,513	4,983	2,815	3,795	7,219	26,346
Nushagak	1,703	976	2,750	3,106	4,606	1,808	3,703	3,274	1,195	3,808	1,445	10,209
Total[b]	237,670	223,358	302,678	284,062	301,044	338,741	388,973	325,590	368,472	412,365	416,752	700,026
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				12,293	11,184	11,101	12,361	8,169	7,761	7,108	6,464	10,912
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim – Goodnews Drainages	894	277	687	1,181	1,627	1,154	822	422	267	289	512	3,422
Seward Peninsula-Norton Sound Drainages	18	104	100	30	16	0	45	39	0	572	404	680
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	64	11	0	0	3	82	79	678
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	912	381	787	13,504	12,891	12,266	13,228	8,630	8,031	8,051	7,459	15,692
Alaska Total	251,605	237,230	319,174	318,839	339,385	377,483	428,092	354,061	393,343	447,492	444,703	752,539

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).



Appendix A28.–Estimates of Alaska sport pink salmon harvest, 1994-2004, statewide and by region.

Appendix A29.–Estimates of Alaska sport pink salmon harvest, 1994-2004, and catch, 2004, by region and area.

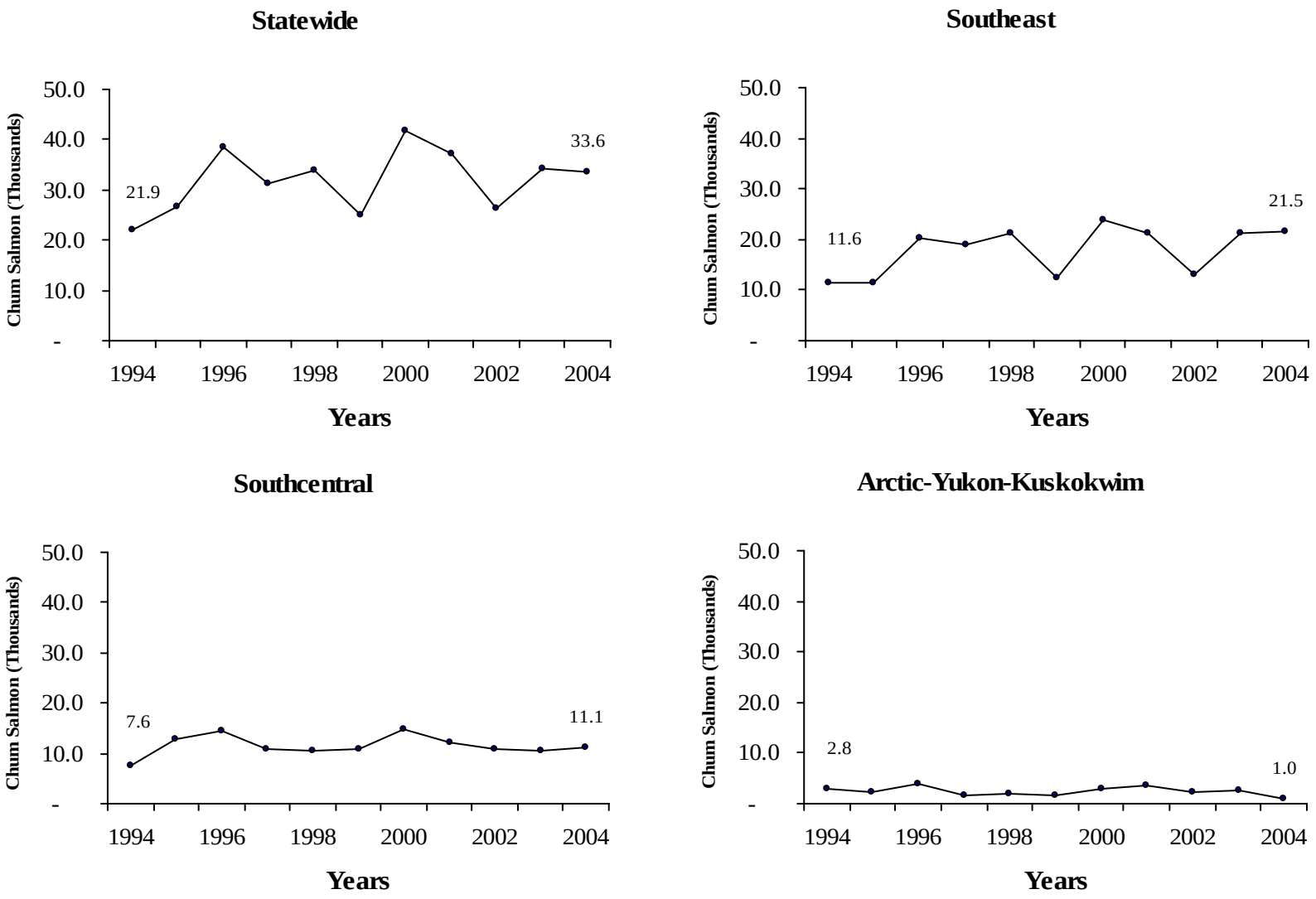
	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	15,028	18,148	43,082	19,370	18,169	36,051	25,698	22,570	28,815	26,403	45,488	98,480
Prince of Wales Island	4,855	6,467	16,678	10,397	8,216	17,988	12,317	17,033	20,264	16,631	14,359	95,030
Kake, Petersburg, Wrangell, Stikine	1,178	1,614	1,420	1,306	1,754	5,144	862	3,560	1,187	1,851	2,256	12,451
Sitka[a]	4,266	5,466	9,860	6,902	7,916	11,903	4,798	5,298	7,568	6,503	8,099	45,232
Juneau	20,060	8,373	8,261	14,232	9,895	22,818	9,062	12,578	7,787	12,566	11,101	56,591
Haines-Skagway	5,036	629	3,054	2,552	2,183	3,212	3,560	3,665	6,355	2,818	9,430	37,439
Glacier Bay[a]	1,739	1,620	1,312	3,684	2,220	9,200	2,826	8,608	8,959	5,175	7,932	26,825
Yakutat	101	641	1,392	4,106	353	826	927	1,881	247	2,249	878	11,861
Total	52,263	42,958	85,059	62,549	50,706	107,142	60,050	75,193	81,182	74,196	99,543	383,909
Southcentral												
Upper Copper River Drainage[b,c]	0	0	0									
North Gulf Coast/Prince William Sound[d]	51,538	46,944	31,052	26,437	36,231	33,993	38,514	39,699	30,432	37,903	35,155	132,499
Knik Arm Drainage	635	409	961	377	646	119	954	404	466	52	859	8,292
Anchorage	1,979	3,099	2,862	843	3,205	721	3,123	783	1,168	1,600	1,272	7,897
Susitna River Drainage[c]	1,968	2,311	3,890	2,477	5,579	2,887	11,483	3,650	3,760	1,775	5,613	115,983
Westside Cook Inlet [c]	1,301	428	620	766	1,730	840	2,200	1,175	966	449	157	2,299
Kenai Peninsula[d]	20,202	11,726	27,259	9,576	25,522	12,906	31,434	7,617	33,671	10,221	28,772	193,408
Kodiak	5,336	11,926	7,076	5,449	12,266	12,813	10,599	6,498	14,696	6,842	7,476	72,873
Naknek River Drainage-Alaska Peninsula	1,283	1,350	1,354	1,567	1,686	2,681	2,409	551	979	620	3,755	26,677
Kvichak River Drainage	105	28	643	40	506	49	268	330	1,070	199	1,041	34,097
Nushagak	302	153	530	57	340	93	205	215	742	234	1,365	16,279
Total[b]	84,649	78,374	76,247	47,589	87,711	67,102	101,189	60,922	87,950	59,895	85,465	610,304
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	0	0	0	0	0	0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim – Goodnews Drainages	126	16	486	75	122	0	10	11	143	46	416	18,212
Seward Peninsula-Norton Sound Drainages	7,051	928	5,972	1,458	6,939	3,039	2,890	360	4,303	2,222	8,309	44,060
Northwest Alaska Drainages	51	38	10	0	13	12	0	0	0	63	0	15
Yukon River Drainages	0	0	30	0	85	0	0	0	0	24	33	1,041
North Slope – Brooks Range Drainages	0	0	0	0	13	0	648	0	66	49	75	105
Total[b]	7,228	982	6,498	1,533	7,172	3,051	3,548	371	4,512	2,404	8,833	63,433
Alaska Total	144,140	122,314	167,804	111,671	145,589	177,295	164,787	136,486	173,644	136,495	193,841	1,057,646

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).



Appendix A30.– Estimates of Alaska sport chum salmon harvest, 1994-2004, statewide and by region.

Appendix A31.– Estimates of Alaska sport chum salmon harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	2,876	3,581	4,647	7,110	12,384	3,578	9,502	5,998	3,590	6,439	7,485	15,791
Prince of Wales Island	780	676	1,713	2,043	991	975	2,247	2,231	2,660	3,698	1,383	11,380
Kake, Petersburg, Wrangell, Stikine	123	386	429	127	208	1,142	831	463	299	328	575	2,606
Sitka[a]	2,070	1,648	6,479	4,280	3,209	1,711	2,877	2,523	1,939	2,815	4,588	13,522
Juneau	5,084	4,622	5,869	4,803	4,165	4,117	7,006	8,149	3,172	4,970	4,768	29,756
Haines-Skagway	433	215	625	443	51	353	306	389	632	584	630	3,796
Glacier Bay[a]	195	233	423	165	198	407	968	1,539	805	1,976	2,039	5,139
Yakutat	0	77	11	88	50	110	99	65	12	304	16	2,316
Total	11,561	11,438	20,196	19,059	21,256	12,393	23,836	21,357	13,109	21,114	21,484	84,306
Southcentral												
Upper Copper River Drainage[b,c]	0	0	0									
North Gulf Coast/Prince William Sound[d]	1,327	1,112	2,080	2,593	2,248	1,330	2,758	2,209	1,720	2,283	3,014	15,904
Knik Arm Drainage	1,356	4,115	1,681	393	797	738	1,254	1,155	1,685	1,124	808	9,992
Anchorage	174	439	607	248	513	129	340	470	472	313	306	2,185
Susitna River Drainage[c]	1,269	3,234	2,808	2,852	2,260	2,941	3,279	3,180	3,389	2,725	3,067	46,479
Westside Cook Inlet [c]	341	645	495	1,174	394	543	633	704	415	553	84	2,235
Kenai Peninsula[d]	961	687	2,811	1,420	1,127	1,605	2,571	1,252	1,450	766	550	7,946
Kodiak	290	981	1,616	406	547	426	955	991	91	548	599	10,123
Naknek River Drainage-Alaska Peninsula	179	409	387	165	250	428	272	333	420	387	844	6,639
Kvichak River Drainage	340	564	373	305	1,204	704	900	418	420	690	307	17,005
Nushagak	1,319	678	1,555	1,137	1,253	2,029	1,931	1,489	800	1,097	1,478	17,081
Total[b]	7,556	12,864	14,413	10,693	10,593	10,873	14,893	12,201	10,862	10,486	11,057	135,589
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	0	0	0	0	0	0	0
Tanana River Drainages	260	985	1,880	456	70	474	97	29	307	63	98	1,196
Kuskokwim – Goodnews Drainages	1,626	455	761	384	596	520	359	176	598	67	117	13,161
Seward Peninsula-Norton Sound Drainages	536	394	662	278	682	211	1,089	1,709	818	292	498	3,830
Northwest Alaska Drainages	248	321	576	272	177	392	713	1,671	601	513	196	585
Yukon River Drainages	90	189	66	206	351	81	64	53	77	1,575	105	3,356
North Slope – Brooks Range Drainages	0	0	11	0	0	0	763	0	5	0	13	13
Total[b]	2,760	2,344	3,956	1,596	1,876	1,678	3,085	3,638	2,406	2,510	1,027	22,141
Alaska Total	21,877	26,646	38,565	31,348	33,725	24,944	41,814	37,196	26,377	34,110	33,568	242,036

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A32.– Estimates of Alaska sport landlocked coho salmon and Chinook salmon harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	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	717	48	36	195	249	2,111	544	1,488	484	1,254	76	418
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	717	48	36	195	249	2,111	544	1,488	484	1,254	76	418
Southcentral												
Upper Copper River Drainage[b,c]	134	42	751									
North Gulf Coast/Prince William Sound[d]	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	14,153	7,285	21,364	11,599	5,057	8,674	11,233	7,556	9,137	5,800	5,915	15,487
Anchorage	13,280	6,034	13,280	8,913	12,601	7,854	6,952	9,638	6,093	3,460	8,468	16,790
Susitna River Drainage[c]	45	33	1,986	122	320	703	831	0	0	105	25	51
Westside Cook Inlet [c]	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula[d]	3,065	686	3,385	3,613	4,385	863	3,451	4,271	4,779	818	2,324	4,122
Kodiak	0	0	0	81	64	31	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	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	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	30,677	14,080	40,766	24,328	22,427	18,125	22,467	21,465	20,009	10,183	16,732	36,450
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				331	477	232	436	282	282	51	0	0
Tanana River Drainages	10,350	8,198	13,640	6,824	11,614	8,637	16,945	10,197	17,693	6,680	8,459	23,785
Kuskokwim – Goodnews Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	10,350	8,198	13,640	7,155	12,091	8,869	17,381	10,479	17,975	6,731	8,459	23,785
Alaska Total	41,744	22,326	54,442	31,678	34,767	29,105	40,392	33,432	38,468	18,168	25,267	60,653

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A33.– Estimates of Alaska sport kokanee salmon harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	45	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	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	22	0	0	0	0	0	0
Juneau	15	0	76	29	223	29	22	37	29	0	66	614
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	60	0	76	29	223	51	22	37	29	0	66	614
Southcentral												
Upper Copper River Drainage[b,c]	54	17	0									
North Gulf Coast/Prince William Sound[d]	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	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
Westside Cook Inlet [c]	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula[d]	604	125	0	173	415	0	0	0	0	0	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	29	67	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	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	687	209	0	173	415	0	0	0	0	0	0	0
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	0	0	0	0	0	0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim – Goodnews Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	747	209	76	202	638	51	22	37	29	0	66	614

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A34.– Estimates of Alaska sport steelhead harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	98	17	11	31	4	40	0	76	38	24	33	509
Prince of Wales Island	136	82	0	39	32	56	12	39	0	31	65	904
Kake, Petersburg, Wrangell, Stikine	233	68	35	15	63	47	84	13	28	9	34	665
Sitka[a]	122	18	24	0	0	16	60	39	0	7	0	362
Juneau	47	0	24	38	0	24	24	39	6	9	16	87
Haines-Skagway	0	0	11	0	9	0	0	0	0	6	13	28
Glacier Bay[a]	7	0	0	19	0	16	0	0	0	9	8	91
Yakutat	42	48	54	101	11	120	0	52	22	54	0	8,339
Total	685	233	159	243	119	319	180	258	94	149	169	10,985
Southcentral												
Upper Copper River Drainage[b,c]	7	10	0									
North Gulf Coast/Prince William Sound[d]	0	0	0	46	9	72	0	90	319	100	155	436
Knik Arm Drainage	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
Westside Cook Inlet [c]	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula[d]	1,445	700	36	7	40	0	65	26	113	48	8	7,659
Kodiak	209	94	217	38	222	276	142	47	0	70	64	1,606
Naknek River Drainage-Alaska Peninsula	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	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	1,661	804	253	91	271	348	207	163	432	218	227	9,701
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	8	0	0	0	0	0	64
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim – Goodnews Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	0	0	0	0	0	8	0	0	0	0	0	64
Alaska Total	2,346	1,037	412	334	390	675	387	421	526	367	396	20,750

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A35.– Estimates of Alaska sport rainbow trout harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	627	506	319	1,046	522	658	759	583	473	304	235	8,973
Prince of Wales Island	735	832	323	419	750	500	787	233	276	183	147	3,964
Kake, Petersburg, Wrangell, Stikine	297	85	105	300	615	59	144	41	183	77	76	820
Sitka[a]	378	94	988	283	266	590	579	325	480	258	274	2,962
Juneau	0	0	96	36	180	352	120	60	74	43	0	394
Haines-Skagway	57	19	0	12	0	0	557	0	12	11	0	0
Glacier Bay[a]	38	0	0	0	17	0	48	0	47	166	0	53
Yakutat	46	119	80	30	192	37	35	56	44	77	0	420
Total	2,178	1,655	1,911	2,126	2,542	2,196	3,029	1,298	1,589	1,119	732	17,586
Southcentral												
Upper Copper River Drainage[b,c]	5,808	4,671	5,076									
North Gulf Coast/Prince William Sound[d]	457	777	336	425	337	1,355	506	655	717	431	220	1,103
Knik Arm Drainage	22,446	14,878	21,780	25,695	17,693	24,527	28,745	21,061	28,325	17,617	17,738	70,897
Anchorage	23,631	32,874	36,148	37,145	19,761	28,776	35,587	21,311	22,478	18,522	23,276	81,121
Susitna River Drainage[c]	3,658	3,138	2,510	2,324	968	1,755	1,521	1,112	1,751	2,581	3,553	89,099
Westside Cook Inlet [c]	2,719	1,868	2,363	2,070	1,270	2,143	1,437	1,029	1,445	1,689	177	1,258
Kenai Peninsula[d]	14,061	14,173	9,891	16,157	13,463	15,302	18,443	10,441	16,526	10,558	8,788	242,752
Kodiak	765	283	466	660	411	1,057	955	628	920	302	387	2,428
Naknek River Drainage-Alaska Peninsula	824	667	1,020	480	537	683	496	246	723	171	449	46,147
Kvichak River Drainage	984	613	610	1,125	802	1,145	962	692	336	594	521	101,886
Nushagak	1,031	1,030	1,614	1,473	622	964	519	454	321	690	973	51,663
Total[b]	76,384	74,972	81,814	87,554	55,864	77,707	89,171	57,629	73,542	53,155	56,082	688,354
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				2,812	5,182	3,842	2,877	2,416	3,294	3,761	2,311	12,836
Tanana River Drainages	33,400	35,625	48,975	33,833	38,292	48,226	49,690	19,919	38,562	26,292	25,554	73,299
Kuskokwim – Goodnews Drainages	299	429	529	1,336	523	510	106	17	76	204	457	22,979
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	33,699	36,054	49,504	37,981	43,997	52,578	52,673	22,352	41,932	30,257	28,322	109,114
Alaska Total	112,261	112,681	133,229	127,661	102,403	132,481	144,873	81,279	117,063	84,531	85,136	815,054

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A36.– Estimates of Alaska sport cutthroat trout harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	821	643	1,176	630	606	785	549	865	623	663	323	10,452
Prince of Wales Island	1,118	1,429	878	450	1,310	1,388	1,593	1,054	1,043	681	997	7,156
Kake, Petersburg, Wrangell, Stikine	1,597	588	876	681	1,282	1,030	1,302	2,424	817	1,459	1,561	7,806
Sitka[a]	1,297	907	351	705	684	698	637	640	372	341	371	3,731
Juneau	1,261	772	1,130	847	577	366	497	726	444	440	421	6,009
Haines-Skagway	337	180	329	500	337	300	246	400	370	412	781	1,845
Glacier Bay[a]	0	28	206	104	31	18	80	282	182	74	233	682
Yakutat	45	0	0	10	25	19	54	0	0	0	21	543
Total	6,476	4,547	4,946	3,927	4,852	4,604	4,958	6,391	3,851	4,070	4,708	38,224
Southcentral												
Upper Copper River Drainage[b,c]	0	0	0									
North Gulf Coast/Prince William Sound[d]	612	122	707	642	717	449	355	465	241	1,062	267	1,659
Knik Arm Drainage	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
Westside Cook Inlet [c]	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula[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
Naknek River Drainage-Alaska Peninsula	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	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	612	122	707	642	717	449	355	465	241	1,062	267	1,659
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	0	0	0	0	0	0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim – Goodnews Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	7,088	4,669	5,653	4,569	5,569	5,053	5,313	6,856	4,092	5,132	4,975	39,883

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A37.– Estimates of Alaska sport brook trout harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	107	85	0	6	0	29	35	85	0	0	0	97
Prince of Wales Island	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	9	0	37	0	0	0	8	0	0	0	0	0
Sitka[a]	71	189	73	0	0	54	39	38	71	0	0	0
Juneau	232	0	113	6	0	14	26	0	301	0	0	1,943
Haines-Skagway	62	0	0	155	10	15	45	0	15	0	0	1,097
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	481	274	223	167	10	112	153	123	387	0	0	3,137
Southcentral												
Upper Copper River Drainage[b,c]	0	0	0									
North Gulf Coast/Prince William Sound[d]	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	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
Westside Cook Inlet [c]	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula[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
Naknek River Drainage-Alaska Peninsula	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	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	0	0	0	0	0	0	0	0	0	0	0	0
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	0	0	0	0	0	0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim – Goodnews Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	481	274	223	167	10	112	153	123	387	0	0	3,137

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A38.– Estimates of Alaska sport lake trout harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	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												
Upper Copper River Drainage[b,c]	4,058	2,934	2,632									
North Gulf Coast/Prince William Sound[d]	0	20	0	0	0	0	0	0	33	0	187	187
Knik Arm Drainage	66	118	76	20	68	108	116	162	533	339	0	553
Anchorage	0	0	0	0	0	921	198	173	199	779	0	593
Susitna River Drainage[c]	239	254	308	189	217	222	154	226	403	339	1,850	7,289
Westside Cook Inlet [c]	190	143	120	424	82	81	115	51	7	180	31	112
Kenai Peninsula[d]	3,186	2,887	3,540	2,216	2,415	2,920	1,858	1,763	1,899	1,097	1,799	3,207
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	500	243	458	444	165	413	182	58	160	383	775	6,756
Kvichak River Drainage	964	258	390	338	219	759	322	369	340	533	789	4,249
Nushagak	340	223	356	566	162	393	173	290	173	333	259	6,068
Total[b]	9,543	7,080	7,880	4,197	3,328	5,817	3,118	3,092	3,747	3,983	5,690	29,014
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				1,923	1,723	2,135	1,700	1,185	2,067	1,831	791	2,588
Tanana River Drainages	1,582	887	877	832	524	1,145	1,133	445	709	860	646	3,816
Kuskokwim – Goodnews Drainages	40	215	135	404	131	128	152	63	134	244	497	6,941
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	77	126	166	73	31	101	116	117	88	11	137	599
Yukon River Drainages	59	66	9	0	27	545	55	56	147	57	98	553
North Slope – Brooks Range Drainages	73	38	19	57	221	77	18	37	217	98	75	540
Total[b]	1,831	1,332	1,206	3,289	2,657	4,131	3,174	1,903	3,362	3,101	2,244	15,037
Alaska Total	11,374	8,412	9,086	7,486	5,985	9,948	6,292	4,995	7,109	7,084	7,934	44,051

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A39.– Estimates of Alaska sport Dolly Varden and Arctic char harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	1,228	175	2,456	987	1,742	429	1,171	487	323	916	1,314	9,523
Prince of Wales Island	865	1,231	3,406	1,547	1,562	1,807	4,545	2,178	3,660	5,461	1,884	11,805
Kake, Petersburg, Wrangell, Stikine	1,655	1,072	1,623	1,207	1,467	1,409	1,137	1,867	1,027	1,397	1,358	8,015
Sitka[a]	2,290	2,202	2,317	2,305	3,801	1,803	2,341	1,183	1,235	1,625	1,204	16,133
Juneau	5,189	6,358	5,282	6,407	5,124	4,950	10,616	4,703	3,291	4,610	3,833	31,692
Haines-Skagway	4,625	4,278	5,520	5,673	3,957	4,466	3,047	3,228	4,357	4,635	4,710	15,081
Glacier Bay[a]	1,535	1,443	613	2,787	1,845	497	2,532	1,817	1,541	659	1,607	7,879
Yakutat	1,171	964	1,230	809	2,253	1,080	563	795	286	1,404	871	6,261
Total	18,558	17,723	22,447	21,722	21,751	16,441	25,952	16,258	15,720	20,707	16,781	106,389
Southcentral												
Upper Copper River Drainage[b,c]	1,598	1,695	2,575									
North Gulf Coast/Prince William Sound[d]	1,383	1,248	3,848	2,167	1,732	1,153	1,203	1,630	2,676	2,085	1,558	11,313
Knik Arm Drainage	3,532	2,109	5,606	4,639	2,425	3,798	3,393	2,662	1,822	2,247	2,380	14,317
Anchorage	2,500	1,633	1,994	1,590	1,895	2,047	1,416	901	1,402	2,085	4,252	11,585
Susitna River Drainage[c]	1,033	1,012	2,027	906	889	918	823	1,172	1,512	1,694	1,230	15,860
Westside Cook Inlet [c]	768	1,430	1,463	1,175	457	1,337	1,874	879	825	434	368	5,395
Kenai Peninsula[d]	22,311	20,748	17,311	18,815	16,743	14,269	17,268	13,233	10,879	12,199	12,589	252,823
Kodiak	5,981	6,469	11,356	8,116	8,048	7,864	11,127	8,725	6,495	5,424	6,479	72,675
Naknek River Drainage-Alaska Peninsula	2,932	3,792	3,715	3,611	2,420	2,213	3,491	2,939	1,914	1,654	2,947	51,101
Kvichak River Drainage	1,006	678	1,024	2,121	459	459	663	765	195	270	358	7,432
Nushagak	2,212	2,259	3,310	3,328	2,540	2,548	2,503	2,437	2,035	2,774	4,898	70,841
Total[b]	45,256	43,073	54,229	46,468	37,608	36,606	43,761	35,343	29,755	30,866	37,059	513,342
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				1,092	1,589	2,390	991	1,612	1,388	1,578	2,153	5,622
Tanana River Drainages	1,799	2,736	3,261	2,530	3,996	4,851	4,009	3,368	6,645	4,854	4,111	14,855
Kuskokwim – Goodnews Drainages	1,398	1,260	1,965	3,337	1,581	2,038	1,612	1,698	2,026	2,710	2,539	76,194
Seward Peninsula-Norton Sound Drainages	3,071	2,908	4,285	4,467	2,240	6,708	7,921	3,174	2,252	5,531	4,318	13,200
Northwest Alaska Drainages	2,365	939	913	598	440	796	1,590	1,693	1,884	533	1,285	3,777
Yukon River Drainages	488	122	881	344	205	203	373	368	551	358	167	2,420
North Slope – Brooks Range Drainages	598	896	1,108	1,018	1,454	929	1,178	1,589	773	193	180	803
Total[b]	9,719	8,861	12,413	13,386	11,505	17,915	17,674	13,502	15,519	15,757	14,753	116,871
Alaska Total	73,533	69,657	89,089	81,576	70,864	70,962	87,387	65,103	60,994	67,330	68,593	736,602

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A40.– Estimates of Alaska sport Arctic grayling harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	0	0	0	0	25	172	0	26	0	0	0	0
Prince of Wales Island	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]	53	9	12	0	8	56	10	0	14	0	0	130
Juneau	24	0	0	0	0	0	0	0	0	0	0	0
Haines-Skagway	0	0	291	0	25	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	77	9	303	0	58	228	10	26	14	0	0	130
Southcentral												
Upper Copper River Drainage[b,c]	14,066	14,289	10,534									
North Gulf Coast/Prince William Sound[d]	318	139	131	119	15	246	89	90	116	646	73	1,406
Knik Arm Drainage	2,898	818	1,940	1,938	1,300	1,740	1,194	1,215	881	1,222	703	1,798
Anchorage	634	89	293	68	59	158	10	62	747	221	90	363
Susitna River Drainage[c]	3,484	1,486	1,913	1,387	1,413	1,614	979	1,036	1,165	393	2,085	32,502
Westside Cook Inlet [c]	1,662	895	1,871	1,100	1,007	781	750	613	486	327	179	732
Kenai Peninsula[d]	1,636	1,863	1,071	1,318	897	1,104	1,247	1,056	1,128	1,195	1,151	11,698
Kodiak	41	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	352	227	301	530	233	191	73	42	113	139	92	7,462
Kvichak River Drainage	2,418	1,104	1,576	2,994	1,726	761	786	1,509	451	849	764	19,344
Nushagak	2,740	1,964	2,019	2,422	1,126	2,154	1,493	1,399	1,842	995	2,154	55,556
Total[b]	30,249	22,874	21,649	11,876	7,776	8,749	6,621	7,022	6,929	5,987	7,291	130,861
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				8,583	8,275	8,245	6,590	4,450	7,910	5,908	3,296	45,860
Tanana River Drainages	24,741	16,089	15,199	16,570	11,687	11,523	8,560	7,074	12,987	10,084	6,773	142,373
Kuskokwim – Goodnews Drainages	850	845	977	1,292	3,469	1,290	361	807	1,464	1,259	1,953	31,680
Seward Peninsula-Norton Sound Drainages	1,331	1,037	1,485	1,261	298	1,600	1,193	994	1,565	1,778	824	6,086
Northwest Alaska Drainages	814	910	2,136	1,903	1,788	1,247	1,221	1,244	1,994	1,473	1,983	10,295
Yukon River Drainages	4,574	3,421	4,000	3,456	3,912	3,164	3,279	3,193	2,832	3,131	3,271	32,455
North Slope – Brooks Range Drainages	807	983	1,194	903	1,182	1,206	934	846	2,215	1,122	868	7,014
Total[b]	33,117	23,285	24,991	33,968	30,611	28,275	22,138	18,608	30,967	24,755	18,968	275,763
Alaska Total	63,443	46,168	46,943	45,844	38,445	37,252	28,769	25,656	37,910	30,742	26,259	406,754

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A41.– Estimates of Alaska sport northern pike harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	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	26	0	0	0	151
Total	0	0	0	0	0	0	0	26	0	0	0	151
Southcentral												
Upper Copper River Drainage[b,c]	0	0	0									
North Gulf Coast/Prince William Sound[d]	0	0	0	0	0	0	0	0	0	25	0	0
Knik Arm Drainage	1,328	522	4,021	4,858	4,272	6,785	5,698	6,544	5,716	4,026	4,961	9,439
Anchorage	0	0	183	220	337	243	1,274	1,166	1,190	1,078	663	1,473
Susitna River Drainage[c]	0	0	11	95	130	260	101	55	618	0	6,933	23,812
Westside Cook Inlet [c]	2,565	3,024	3,988	4,236	3,807	4,319	3,778	6,140	5,984	3,998	493	704
Kenai Peninsula[d]	36	248	177	28	114	329	159	1,302	380	699	2,321	2,886
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	709	165	724	291	235	231	337	161	33	24	43	650
Kvichak River Drainage	372	334	617	148	311	644	198	479	64	575	564	3,947
Nushagak	790	1,030	782	613	389	516	474	826	877	857	1,144	9,829
Total[b]	5,800	5,323	10,503	10,489	9,595	13,327	12,019	16,673	14,862	11,282	17,122	52,740
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	0	0	0	0	0	0	0
Tanana River Drainages	16,299	10,620	8,327	3,328	2,870	2,925	3,467	4,207	3,436	2,947	4,895	36,710
Kuskokwim – Goodnews Drainages	828	655	871	408	1,430	548	531	474	443	783	1,543	10,613
Seward Peninsula-Norton Sound Drainages	376	215	728	363	75	355	416	349	326	424	840	1,378
Northwest Alaska Drainages	287	256	112	145	195	193	352	122	158	423	729	2,682
Yukon River Drainages	1,968	1,937	2,502	1,870	1,452	2,418	1,277	1,772	3,291	1,507	3,656	39,762
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	51	22	14	14
Total[b]	19,758	13,683	12,540	6,114	6,022	6,439	6,043	6,924	7,705	6,106	11,677	91,159
Alaska Total	25,558	19,006	23,043	16,603	15,617	19,766	18,062	23,623	22,567	17,388	28,799	144,050

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A42.– Estimates of Alaska sport whitefish harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	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	4	0	0	0	0	15	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	4	0	0	0	0	15	0	0	0
Southcentral												
Upper Copper River Drainage[b,c]	1,149	898	384									
North Gulf Coast/Prince William Sound[d]	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	242	71	16	96	356	7	113	551	190	108	15	211
Anchorage	0	0	0	0	0	0	0	0	0	30	0	0
Susitna River Drainage[c]	172	80	0	32	96	32	52	135	67	82	635	3,459
Westside Cook Inlet [c]	779	76	160	86	114	95	146	111	74	93	0	236
Kenai Peninsula[d]	249	357	131	115	96	60	118	207	609	60	149	2,020
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	39	0	80	0	16	0	4	0	0	0	20	59
Kvichak River Drainage	159	266	392	690	533	68	91	827	8	121	135	1,647
Nushagak	211	119	52	361	263	15	0	157	105	167	77	1,072
Total[b]	3,000	1,867	1,215	1,380	1,474	277	524	1,988	1,053	661	1,031	8,704
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				134	584	317	451	1,135	2,288	422	562	1,006
Tanana River Drainages	940	493	412	1,062	853	235	385	785	1,086	167	1,485	1,831
Kuskokwim – Goodnews Drainages	183	0	0	614	1,220	9	214	20	54	89	975	1,331
Seward Peninsula-Norton Sound Drainages	67	247	64	212	0	9	915	814	206	471	623	642
Northwest Alaska Drainages	117	156	160	419	100	398	343	1,572	270	220	408	1,271
Yukon River Drainages	89	82	160	398	121	511	222	928	497	0	284	371
North Slope – Brooks Range Drainages	58	18	36	0	0	68	71	26	19	304	1,509	1,629
Total[b]	1,454	996	832	2,839	2,878	1,547	2,601	5,280	4,420	1,673	5,846	8,081
Alaska Total	4,454	2,863	2,047	4,223	4,352	1,824	3,125	7,268	5,488	2,334	6,877	16,785

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A43.– Estimates of Alaska sport burbot harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	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												
Upper Copper River Drainage[b,c]	2,869	995	981									
North Gulf Coast/Prince William Sound[d]	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	512	151	218	709	121	369	805	230	1,069	438	171	321
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
Susitna River Drainage[c]	674	517	284	304	208	230	242	214	211	511	976	1,723
Westside Cook Inlet [c]	1,090	190	396	861	1,029	672	1,130	245	91	397	0	0
Kenai Peninsula[d]	10	0	0	26	0	0	12	22	92	0	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	0	0	0	1,327	8	0	363	0	0	0	0	0
Kvichak River Drainage	10	0	138	348	212	77	0	29	4	32	101	101
Nushagak	0	0	13	0	0	25	0	0	0	0	0	50
Total[b]	5,165	1,853	2,030	3,575	1,578	1,373	2,552	740	1,467	1,378	1,248	2,195
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				1,358	1,485	1,861	2,290	1,506	2,224	1,457	709	956
Tanana River Drainages	5,165	4,934	3,203	6,348	3,291	3,148	3,740	1,297	4,009	2,561	3,446	4,591
Kuskokwim – Goodnews Drainages	20	0	0	0	136	228	588	50	15	87	111	111
Seward Peninsula-Norton Sound Drainages	0	45	179	148	84	97	411	50	0	0	0	0
Northwest Alaska Drainages	20	11	185	345	150	28	110	33	244	0	9	19
Yukon River Drainages	145	216	203	415	133	168	118	50	1,160	594	111	178
North Slope – Brooks Range Drainages	353	69	41	0	25	0	0	18	0	22	70	125
Total[b]	5,703	5,275	3,811	8,614	5,304	5,530	7,257	3,004	7,652	4,721	4,456	5,980
Alaska Total	10,868	7,128	5,841	12,189	6,882	6,903	9,809	3,744	9,119	6,099	5,704	8,175

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A44.– Estimates of Alaska sport sheefish harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	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												
Upper Copper River Drainage[b,c]	0	0	0									
North Gulf Coast/Prince William Sound[d]	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	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
Westside Cook Inlet [c]	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula[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
Naknek River Drainage-Alaska Peninsula	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	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	0	0	0	0	0	0	0	0	0	0	0	0
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	0	0	0	0	0	0	0
Tanana River Drainages	166	310	231	35	24	114	220	9	92	59	177	518
Kuskokwim – Goodnews Drainages	390	272	107	589	119	268	250	124	81	45	182	938
Seward Peninsula-Norton Sound Drainages	0	0	73	0	0	7	0	0	0	0	0	0
Northwest Alaska Drainages	564	1,142	485	906	414	635	1,195	1,305	500	2,509	1,634	2,837
Yukon River Drainages	391	476	606	231	258	133	372	492	538	238	1,352	5,329
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	1,511	2,200	1,502	1,761	815	1,157	2,037	1,930	1,211	2,851	3,345	9,622
Alaska Total	1,511	2,200	1,502	1,761	815	1,157	2,037	1,930	1,211	2,851	3,345	9,622

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A45.– Estimates of Alaska sport smelt harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	70	0	0	0	1,078	325	0	0	0	0	0	93
Kake, Petersburg, Wrangell, Stikine	138	791	666	4,205	2,137	2,708	1,848	2,174	845	2,277	3,388	3,694
Sitka[a]	150	113	0	0	323	0	0	0	17	146	77	97
Juneau	117	0	0	273	180	1,354	240	477	0	1,593	19	101
Haines-Skagway	556	0	327	0	150	83	0	484	516	3,264	0	0
Glacier Bay[a]	0	0	0	0	0	0	40	0	18	0	58	58
Yakutat	1,766	0	291	0	0	9	341	464	0	0	0	0
Total	2,797	904	1,284	4,478	3,868	4,479	2,469	3,599	1,396	7,280	3,542	4,043
Southcentral												
Upper Copper River Drainage[b,c]	0	0	0									
North Gulf Coast/Prince William Sound[d]	198	0	972	593	3,194	1,896	1,283	4,981	10,381	2,744	1,462	1,462
Knik Arm Drainage	2,292	0	0	0	0	2,708	6,131	1,574	0	1,578	11	68
Anchorage	49,279	34,058	21,212	39,071	33,637	44,597	13,488	35,909	57,079	35,841	9,987	10,020
Susitna River Drainage[c]	0	0	0	0	0	9,816	0	1,349	0	0	12,562	12,572
Westside Cook Inlet [c]	13,330	4,549	13,451	8,853	8,376	27,031	5,696	8,707	3,298	5,920	0	0
Kenai Peninsula[d]	8,056	4,553	7,612	13,561	18,850	5,496	31,167	23,455	20,409	12,581	43,331	47,578
Kodiak	0	0	727	0	0	0	78	45	0	0	0	0
Naknek River Drainage-Alaska Peninsula	12,481	2,761	1,476	5,217	6,519	6,545	4,871	2,940	3,227	8,746	842	876
Kvichak River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak	10,188	4,814	11,560	2,890	2,552	2,531	9,791	1,124	40	3,309	135	135
Total[b]	95,824	50,735	57,010	70,185	73,128	100,620	72,505	80,084	94,434	70,719	68,330	72,711
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	0	0	0	0	0	0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim – Goodnews Drainages	2,292	633	2,181	27	3,333	0	68	0	0	0	281	426
Seward Peninsula-Norton Sound Drainages	5,157	633	174	2,801	0	3,046	2,574	1,124	474	0	2,139	2,139
Northwest Alaska Drainages	57	0	218	0	0	0	7	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	7,506	1,266	2,573	2,828	3,333	3,046	2,649	1,124	474	0	2,420	2,565
Alaska Total	106,127	52,905	60,867	77,491	80,329	108,145	77,623	84,807	96,304	77,999	74,292	79,319

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A46.– Estimates of Alaska sport Pacific halibut harvest, 1992-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	15,313	14,483	15,316	13,685	11,311	10,989	13,665	10,106	10,766	8,810	19,938	29,094
Prince of Wales Island	24,465	20,808	23,266	21,201	24,028	25,739	28,860	28,210	30,960	29,307	31,081	51,366
Kake, Petersburg, Wrangell, Stikine	7,992	9,488	10,234	10,417	8,995	8,133	9,930	8,345	6,742	7,569	12,149	18,882
Sitka[a]	23,701	21,452	20,840	27,552	30,303	28,222	28,375	33,104	25,156	32,362	39,505	57,314
Juneau	10,362	15,145	16,414	21,282	14,553	15,522	16,672	14,213	15,647	20,530	19,544	31,631
Haines-Skagway	1,058	856	1,209	1,007	564	879	499	864	1,220	1,136	863	995
Glacier Bay[a]	5,849	7,090	7,618	9,242	7,190	7,552	13,639	15,112	14,322	19,767	24,236	48,395
Yakutat	3,577	2,456	3,236	4,926	5,166	3,645	4,727	3,738	2,372	5,376	4,597	6,309
Total	92,317	91,778	98,133	109,312	102,110	100,681	116,367	113,692	107,185	124,857	151,913	243,986
Southcentral												
Upper Copper River Drainage[b,c]	0	0	0									
North Gulf Coast/Prince William Sound[d]	23,487	24,771	22,330	28,456	24,301	27,600	31,180	51,267	56,458	67,683	92,984	157,629
Knik Arm Drainage	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
Westside Cook Inlet [c]	2,725	3,236	2,422	3,158	3,003	2,422	3,384	1,919	1,618	1,032	1,916	3,737
Kenai Peninsula[d]	193,085	188,597	209,576	218,594	201,106	178,962	227,461	180,563	165,405	189,062	209,786	396,522
Kodiak	14,910	13,989	14,205	17,232	15,668	18,595	21,284	16,111	16,995	18,480	22,885	39,093
Naknek River Drainage-Alaska	2,402	2,796	3,213	3,335	3,238	4,116	3,014	1,987	3,109	1,631	2,927	10,018
Kvichak River Drainage	0	0	0	0	0	13	43	0	19	24	64	64
Nushagak	0	0	0	0	0	0	0	0	20	12	47	71
Total[b]	236,609	233,389	251,746	270,775	247,316	231,708	286,366	251,847	243,624	277,924	330,609	607,134
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	0	0	0	0	0	0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim – Goodnews Drainages	45	21	145	50	315	0	53	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	75	0	196	119	723	248	494	0	0	81	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	20	0	0	0	0	28	57
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	120	21	341	169	1,038	268	547	0	0	81	28	57
Alaska Total	329,046	325,188	350,220	380,256	350,464	332,657	403,280	365,539	350,809	402,862	482,550	851,177

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A47.– Estimates of Alaska sport rockfish harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	11,741	7,984	7,092	8,156	5,133	10,538	12,318	8,540	7,077	7,321	13,805	37,997
Prince of Wales Island	12,122	11,915	9,446	10,804	11,759	23,667	17,152	17,161	15,189	15,518	27,027	72,106
Kake, Petersburg, Wrangell, Stikine	2,298	1,870	1,085	1,760	2,678	3,778	4,103	2,461	2,531	1,940	3,712	8,998
Sitka[a]	13,446	7,968	10,728	12,078	16,281	22,306	18,439	16,444	15,856	16,212	30,239	67,314
Juneau	3,271	3,438	3,008	4,735	5,570	8,379	9,685	8,857	5,768	8,649	6,753	12,772
Haines-Skagway	157	233	329	323	214	233	117	138	19	44	566	1,157
Glacier Bay[a]	881	355	599	836	1,283	1,816	6,477	3,309	2,572	4,095	4,148	14,885
Yakutat	490	584	599	1,396	1,224	772	858	668	737	1,615	1,413	2,779
Total	44,406	34,347	32,886	40,088	44,142	71,489	69,149	57,578	49,749	55,394	87,663	218,008
Southcentral												
Upper Copper River Drainage[b,c]	0	0	0									
North Gulf Coast/Prince William Sound[d]	15,382	14,701	12,375	15,403	13,451	12,996	17,476	48,364	56,240	48,503	73,947	133,437
Knik Arm Drainage	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
Westside Cook Inlet [c]	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula[d]	33,440	21,759	26,656	24,876	24,881	30,125	36,478	4,626	5,835	7,515	9,756	25,616
Kodiak	5,019	4,247	6,551	6,164	4,547	5,480	7,125	5,505	7,556	6,166	7,844	22,586
Naknek River Drainage-Alaska	724	559	582	1,689	437	138	1,430	745	1,018	678	933	7,698
Kvichak River Drainage	0	0	0	0	0	0	0	0	0	60	0	0
Nushagak	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	54,565	41,266	46,164	48,132	43,316	48,739	62,509	59,240	70,649	62,922	92,480	189,337
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	0	0	0	0	0	0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim – Goodnews Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	98,971	75,613	79,050	88,220	87,458	120,228	131,658	116,818	120,398	118,316	180,143	407,345

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A48.– Estimates of Alaska sport lingcod harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	2,520	1,616	1,765	1,933	1,346	1,560	2,388	2,297	1,483	1,043	2,518	5,909
Prince of Wales Island	7,627	5,443	5,936	5,294	7,724	8,963	10,044	5,878	3,173	2,516	6,392	13,737
Kake, Petersburg, Wrangell, Stikine	495	402	275	355	580	436	399	431	134	342	405	963
Sitka[a]	7,836	4,613	6,592	6,713	6,763	8,186	4,837	5,298	2,832	3,728	4,604	18,363
Juneau	630	233	413	1,427	350	1,633	1,258	521	553	529	372	878
Haines-Skagway	129	23	7	40	20	57	0	24	12	0	10	10
Glacier Bay[a]	139	149	284	197	229	254	1,957	1,188	727	977	589	3,723
Yakutat	693	624	1,137	2,073	1,029	1,163	1,725	787	683	1,521	1,174	2,420
Total	20,069	13,103	16,409	18,032	18,041	22,252	22,608	16,424	9,597	10,656	16,064	46,003
Southcentral												
Upper Copper River Drainage[b,c]	0	0	0									
North Gulf Coast/Prince William Sound[d]	1,658	2,316	2,035	3,588	2,260	1,913	3,044	6,805	7,586	7,178	8,944	20,249
Knik Arm Drainage	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
Westside Cook Inlet [c]	56	28	134	52	102	39	64	11	0	25	42	246
Kenai Peninsula[d]	4,896	3,738	4,701	4,929	3,542	4,608	7,020	1,976	1,600	2,094	3,269	10,993
Kodiak	1,014	932	1,074	1,277	1,322	1,726	1,966	1,530	1,099	1,446	2,507	5,326
Naknek River Drainage-Alaska	185	75	9	427	45	27	115	11	373	122	94	298
Kvichak River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	7,809	7,089	7,953	10,273	7,271	8,313	12,209	10,333	10,658	10,865	14,856	37,112
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	0	0	0	0	0	0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim – Goodnews Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	27,878	20,192	24,362	28,305	25,312	30,565	34,817	26,757	20,255	21,521	30,920	83,115

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A49.– Estimates of Alaska sport razor clam harvest, 1994-2004, and catch, 2004, by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	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]	928	2,004	228	141	126	0	9	65	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	928	2,004	228	141	126	0	9	65	0	0	0	0
Southcentral												
Upper Copper River Drainage[b,c]	0	0	0									
North Gulf Coast/Prince William Sound[d]	3,572	2,105	1,837	72	420	523	0	702	244	0	635	635
Knik Arm Drainage	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
Westside Cook Inlet [c]	22,239	14,878	19,688	16,395	11,260	16,136	28,736	24,152	12,754	13,915	24,276	24,276
Kenai Peninsula[d]	1,286,614	1,180,958	820,864	833,160	648,235	756,215	850,087	648,466	775,667	575,903	525,629	525,629
Kodiak	4,322	0	1,366	235	178	884	441	216	0	200	0	0
Naknek River Drainage-Alaska	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	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	1,316,747	1,197,941	843,755	849,862	660,093	773,758	879,264	673,536	788,665	590,018	550,540	550,540
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				0	0	0	0	0	0	0	0	0
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim – Goodnews Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	1,317,675	1,199,945	843,983	850,003	660,219	773,758	879,273	673,601	788,665	590,018	550,540	550,540

[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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

Appendix A50.– Estimates of Alaska sport harvest, 1994-2004, and catch, 2004, of other fish by region and area.

	Harvest											Catch
Area Fished	**1994**	**1995**	**1996**	**1997**	**1998**	**1999**	**2000**	**2001**	**2002**	**2003**	**2004**	**2004**
Southeast												
Ketchikan	2,297	3,610	1,002	354	165	255	874	181	208	1,254	1,042	2,442
Prince of Wales Island	1,173	2,174	423	388	835	1,677	974	372	639	208	541	1,342
Kake, Petersburg, Wrangell, Stikine	2,135	2,383	441	3,568	637	360	914	512	239	965	2,475	6,171
Sitka[a]	233	3,534	686	282	1,010	894	973	119	636	632	1,806	2,719
Juneau	809	1,341	443	1,051	482	658	1,164	986	203	471	349	1,439
Haines-Skagway	244	461	240	17	278	73	131	146	14	420	893	1,147
Glacier Bay[a]	72	10	345	67	2,641	11	139	97	276	1,404	708	1,404
Yakutat	237	20	0	33	60	12	122	0	0	74	146	203
Total	7,200	13,533	3,580	5,760	6,108	3,940	5,291	2,413	2,215	5,428	7,960	16,867
Southcentral												
Upper Copper River Drainage[b,c]	128	30	0									
North Gulf Coast/Prince William Sound[d]	1,722	6,237	2,646	2,508	4,943	2,297	8,042	14,031	2,620	6,351	4,978	8,076
Knik Arm Drainage	163	0	38	69	45	53	305	117	26	30	0	16
Anchorage	1,129	541	102	441	764	13	618	149	217	430	24	1,376
Susitna River Drainage[c]	166	61	63	84	17	0	0	179	31	741	1,653	1,685
Westside Cook Inlet [c]	168	30	0	117	35	7	70	53	236	0	98	350
Kenai Peninsula[d]	4,016	4,425	3,069	2,695	2,392	2,171	6,041	6,106	1,968	2,171	2,294	8,904
Kodiak	1,578	1,467	1,088	467	1,170	346	1,319	2,435	635	425	627	2,101
Naknek River Drainage-Alaska	230	304	233	149	354	366	265	5,282	24	75	1,629	2,525
Kvichak River Drainage	475	0	0	0	0	0	134	233	0	0	49	212
Nushagak	76	0	0	279	0	66	11	18	198	66	41	89
Total[b]	9,851	13,095	7,239	6,809	9,720	5,319	16,805	28,603	5,955	10,289	11,393	25,334
Arctic-Yukon-Kuskokwim												
Upper Copper River Drainage[c,d]				56	0	0	22	207	54	104	0	8
Tanana River Drainages	175	367	126	108	104	0	385	78	251	18	239	732
Kuskokwim – Goodnews Drainages	18	20	0	8	0	27	0	0	0	189	0	23
Seward Peninsula-Norton Sound Drainages	865	203	13	285	924	2,546	196	3,385	225	46	49	440
Northwest Alaska Drainages	0	357	633	0	152	300	93	178	0	15	684	1,123
Yukon River Drainages	503	603	19	8	0	0	0	258	0	9	147	187
North Slope – Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Total[b]	1,561	1,550	791	465	1,180	2,873	696	4,106	530	381	1,119	2,513
Alaska Total	18,612	28,178	11,610	13,034	17,008	12,132	22,792	35,122	8,700	16,098	20,472	44,714

Note: Other fish were reported, but species could not be determined, or species 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 Area (D).

[b] Upper Copper/Upper Susitna Drainage estimates are included under the Arctic-Yukon-Kuskokwim Region starting in 1997 to reflect the shift in management responsibilities.

[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, formerly divided between Upper Copper/Upper Susitna River Area (I), East Side Susitna River Drainage Area (M), and West Side Cook Inlet-West Side Susitna Drainage Area (N).

[d] 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).

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

Appendix A51.–Ketchikan Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KI[b]	KS[b]	SS	RS	PS	CS	DV AC	SH	RT	CT	BT	GR	HA	LC	PC	RF	Other[c]
SALTWATER:																				
Boat - East, West Behm Canals	13,654	20,676	35,312	0	3,323	36,862	187	18,632	3,590	121	0	0	0	0	0	6,035	925	635	5,286	456
Boat - Clarence Strait	1,660	4,256	7,261	0	460	2,704	169	1,547	299	0	0	0	0	0	0	2,469	221	8	984	0
Boat - Revilla Channel	5,697	11,050	17,552	622	3,179	7,814	255	5,341	768	0	0	0	0	0	0	4,724	495	407	2,938	310
Boat - Tongass Narrows	3,811	3,232	5,251	40	342	2,534	113	3,832	617	0	0	0	0	0	0	1,306	184	13	1,054	228
Boat - Yes Bay	1,693	1,647	2,817	0	306	3,619	0	1,720	395	0	0	0	16	0	0	597	42	66	228	0
Boat - Bell Island	737	660	1,146	0	99	861	11	458	195	0	0	0	0	0	0	112	28	0	114	0
Boat - Terminal Harvest Area	5,291	4,941	9,054	646	2,914	3,737	178	4,984	932	0	17	0	0	0	0	1,774	292	40	922	16
Boat - Lincoln Channel	408	482	767	0	46	101	0	0	0	0	0	0	0	0	0	1,107	0	0	0	0
Boat - Other	2,041	2,593	3,527	0	233	4,153	0	3,782	307	182	0	0	0	0	0	1,814	205	105	1,826	0
Shoreline - Herring Cove	956	2,478	3,645	477	1,355	329	0	474	0	0	0	0	0	0	0	0	18	0	58	16
Shoreline - Other	1,191	4,194	5,939	0	292	634	0	3,164	0	27	0	0	0	0	0	0	108	0	395	16
SALTWATER TOTAL	32,210	56,209	92,271	1,785	12,549	63,348	913	43,934	7,103	330	17	0	16	0	0	19,938	2,518	1,274	13,805	1,042
FRESHWATER:																				
Ward Cove Creek	767	2,302	3,978	0	0	247	0	221	168	293	16	0	54	0	0	0	0	0	0	0
Ketchikan Creek	561	2,094	2,214	0	59	110	0	327	0	0	0	23	0	0	0	0	0	0	0	0
Naha River	534	369	711	0	0	13	251	195	0	0	0	82	21	0	0	0	0	0	0	0
Other Streams	1,055	894	1,562	0	0	498	0	651	116	557	0	66	167	0	0	0	0	0	0	0
Ward Lake	301	1,082	1,233	0	0	0	0	0	0	28	0	23	16	0	0	0	0	0	0	0
Other Lakes	567	687	1,564	0	0	78	11	160	98	106	0	41	49	0	0	0	0	0	0	0
FRESHWATER TOTAL	3,349	7,428	11,262	0	59	946	262	1,554	382	984	16	235	307	0	0	0	0	0	0	0
GRAND TOTAL	34,193	63,637	103,533	1,785	12,608	64,294	1,175	45,488	7,485	1,314	33	235	323	0	0	19,938	2,518	1,274	13,805	1,042

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

[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.

Appendix A52.–Ketchikan Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KI[a]	KS[a]	SS	RS	PS	CS	DV AC	SH	RT	CT	BT	GR	HA	LC	PC	RF	Other[b]
SALTWATER:																			
Boat - East, West Behm Canals	2,102	3,299	0	425	4,614	120	2,497	620	83	0	0	0	0	0	803	185	397	797	265
Boat - Clarence Strait	1,019	1,976	0	205	729	161	473	164	0	0	0	0	0	0	801	78	8	396	0
Boat - Revilla Channel	1,273	2,090	249	686	1,360	143	1,126	188	0	0	0	0	0	0	830	137	163	677	167
Boat - Tongass Narrows	431	693	40	131	560	47	1,013	247	0	0	0	0	0	0	363	67	13	319	185
Boat - Yes Bay	269	485	0	111	1,164	0	520	294	0	0	0	16	0	0	169	25	41	102	0
Boat - Bell Island	153	299	0	52	313	12	261	195	0	0	0	0	0	0	53	28	0	65	0
Boat - Terminal Harvest Area	695	1,215	180	618	648	78	944	406	0	16	0	0	0	0	464	122	29	319	17
Boat - Lincoln Channel	145	240	0	36	81	0	0	0	0	0	0	0	0	0	340	0	0	0	0
Boat - Other	540	612	0	69	1,173	0	1,298	135	185	0	0	0	0	0	399	85	64	720	0
Shoreline - Herring Cove	757	1,126	240	558	143	0	352	0	0	0	0	0	0	0	0	18	0	58	17
Shoreline - Other	1,797	2,509	0	229	317	0	1,487	0	26	0	0	0	0	0	0	97	0	321	17
SALTWATER TOTAL	3,485	5,561	384	1,236	5,546	250	3,674	881	202	16	0	16	0	0	1,703	316	440	1,460	362
FRESHWATER:																			
Ward Cove Creek	1,030	2,115	0	0	129	0	102	109	257	16	0	39	0	0	0	0	0	0	0
Ketchikan Creek	907	913	0	38	61	0	203	0	0	0	23	0	0	0	0	0	0	0	0
Naha River	109	193	0	0	13	249	143	0	0	0	71	20	0	0	0	0	0	0	0
Other Streams	205	298	0	0	216	0	407	57	301	0	57	105	0	0	0	0	0	0	0
Ward Lake	734	755	0	0	0	0	0	0	20	0	24	17	0	0	0	0	0	0	0
Other Lakes	230	424	0	0	57	11	132	99	109	0	42	37	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,581	2,503	0	38	264	249	511	156	417	16	111	122	0	0	0	0	0	0	0
GRAND TOTAL	3,823	6,032	384	1,237	5,556	353	3,727	900	463	22	111	124	0	0	1,703	316	440	1,460	362

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 Appendix C3 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.

Appendix A53.– Prince of Wales Island Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Angler[a]	Trips	Days Fished	KI[b]	KS[b]	SS	RS	PS	CS	DV AC	SH	RT	CT	SM	HA	LC	PC	RF	Other[c]
SALTWATER:																			
Boat - Thorne Bay	400	423	766	0	27	478	0	655	0	0	0	0	0	0	218	91	40	247	0
Boat - Waterfall Bay	1,163	1,630	3,541	0	1,361	6,432	135	586	33	0	8	0	0	0	3,472	667	27	1,071	0
Boat - Eastside Prince of Wales Island	4,898	8,760	16,845	0	1,421	15,527	203	4,807	646	15	8	0	0	0	6,344	968	371	5,679	46
Boat - Westside Prince of Wales Island	7,311	15,879	29,670	0	6,448	37,635	308	5,431	430	200	0	0	312	0	18,978	4,295	455	18,956	299
Boat - Other	963	2,624	3,981	0	782	4,652	68	195	33	12	0	0	21	0	2,012	371	425	1,074	98
Shoreline –Eastside Prince of Wales Island	333	492	961	0	58	744	0	113	16	0	0	0	83	0	0	0	0	0	0
Neck Lake Shoreline - Outlet Terminal Fishery	444	813	1,280	0	23	2,539	0	151	0	15	0	0	0	0	0	0	0	0	0
Shoreline – Westside Prince of Wales Island	166	192	312	0	0	0	0	81	0	0	0	0	0	0	57	0	0	0	0
Shoreline - Other	165	189	217	0	0	91	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	14,299	31,002	57,573	0	10,120	68,098	714	12,019	1,158	242	16	0	416	0	31,081	6,392	1,318	27,027	443
FRESHWATER:																			
Thorne System (Stream, Lake)	1,763	2,870	4,303	0	0	1,479	0	358	0	1,221	0	0	164	0	0	0	0	0	0
Sarkar System (Stream, Lake)	363	265	460	0	0	214	34	277	0	0	0	0	0	0	0	0	0	0	0
Karta River	350	191	543	0	0	131	113	16	0	152	0	0	195	0	0	0	0	0	98
Klawock River	776	1,443	1,994	0	0	1,687	0	436	13	0	8	0	0	0	0	0	0	0	0
Staney Creek	832	939	1,454	0	0	360	0	439	0	30	0	0	0	0	0	0	0	0	0
Eagle Creek	245	252	375	0	0	39	0	0	0	0	0	0	0	0	0	0	0	0	0
Harris River	897	1,721	2,467	0	0	1,598	0	524	81	0	16	0	0	0	0	0	0	0	0
Other Streams	1,010	1,840	3,433	0	0	928	188	290	131	148	25	135	120	0	0	0	0	0	0
Other Lakes	233	273	458	0	0	52	0	0	0	91	0	12	102	0	0	0	0	0	0
FRESHWATER TOTAL	3,520	9,794	15,487	0	0	6,488	335	2,340	225	1,642	49	147	581	0	0	0	0	0	98
GRAND TOTAL	15,710	40,796	73,060	0	10,120	74,586	1,049	14,359	1,383	1,884	65	147	997	0	31,081	6,392	1,318	27,027	541

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

Note: Refer to Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

[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.

Appendix A54.–Prince of Wales Island Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KI[a]	KS[a]	SS	RS	PS	CS	DV AC	SH	RT	CT	SM	HA	LC	PC	RF	Other[b]
SALTWATER:																		
Boat - Thorne Bay	143	256	0	26	189	0	258	0	0	0	0	0	0	99	74	40	215	0
Boat - Waterfall Bay	321	619	0	243	1,319	87	234	24	0	8	0	0	0	630	162	28	327	0
Boat - Eastside Prince of Wales Island	1,053	2,031	0	243	2,251	121	1,054	347	15	8	0	0	0	837	278	127	1,104	33
Boat - Westside Prince of Wales Island	1,743	3,465	0	621	3,715	155	1,194	128	199	0	0	311	0	1,564	474	151	2,568	169
Boat - Other	905	1,208	0	234	1,234	59	174	32	12	0	0	21	0	456	110	397	367	97
Shoreline – Eastside Prince of Wales Island	186	380	0	60	475	0	83	16	0	0	0	79	0	0	0	0	0	0
Neck Lake Shoreline - Outlet Terminal Fishery	242	370	0	23	914	0	153	0	16	0	0	0	0	0	0	0	0	0
Shoreline – Westside Prince of Wales Island	78	128	0	0	0	0	80	0	0	0	0	0	0	56	0	0	0	0
Shoreline - Other	82	88	0	0	91	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	2,276	4,282	0	745	4,731	222	1,597	378	201	11	0	324	0	1,899	579	446	2,810	200
FRESHWATER:																		
Thorne System (Stream, Lake)	548	762	0	0	411	0	198	0	726	0	0	82	0	0	0	0	0	0
Sarkar System (Stream, Lake)	78	171	0	0	159	33	187	0	0	0	0	0	0	0	0	0	0	0
Karta River	55	168	0	0	88	90	16	0	107	0	0	120	0	0	0	0	0	96
Klawock River	342	477	0	0	826	0	323	13	0	7	0	0	0	0	0	0	0	0
Staney Creek	230	357	0	0	139	0	344	0	30	0	0	0	0	0	0	0	0	0
Eagle Creek	96	138	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0
Harris River	465	646	0	0	620	0	263	65	0	11	0	0	0	0	0	0	0	0
Other Streams	364	774	0	0	262	150	110	79	104	18	55	105	0	0	0	0	0	0
Other Lakes	92	164	0	0	43	0	0	0	71	0	12	70	0	0	0	0	0	0
FRESHWATER TOTAL	927	1,460	0	0	1,175	178	611	106	738	22	56	192	0	0	0	0	0	96
GRAND TOTAL	2,457	4,542	0	745	4,894	283	1,734	391	764	25	56	376	0	1,899	579	446	2,810	221

Note: Prince of Wales Island (Area B): All waters of Alaska, including drainages, from Cape Chacon to Sumner Strait, and from Clarence Strait 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 Appendix A3 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.

Appendix A55.–Kake, Petersburg, Wrangell, Stikine Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KI[b]	KS[b]	SS	RS	PS	CS	DV AC	SH	RT	CT	BT	GR	SM	HA	LC	RF	Other[c]
SALTWATER:																				
Boat - Terminal Harvest Area near Petersburg	1,030	1,961	3,404	200	1,912	88	34	0	0	0	0	0	0	0	0	0	508	0	0	0
Boat - Frederick Sound near Petersburg	2,944	5,829	9,181	0	579	2,956	23	420	49	167	0	0	0	0	0	10	4,956	137	1,129	147
Boat - Rest of Petersburg Area	1,796	2,782	5,385	0	604	1,206	56	169	276	202	17	0	38	0	0	0	1,931	41	521	2,279
Boat - Wrangell Area	2,664	5,048	8,332	0	1,752	1,648	340	501	156	103	0	0	291	0	0	1,689	2,256	57	1,092	0
Boat - Kake Area	593	1,089	2,231	0	73	864	20	120	47	15	17	0	125	0	0	0	607	28	134	0
Boat - Other	1,578	2,042	4,355	0	457	1,833	44	127	0	72	0	0	0	0	0	1,689	1,880	142	787	16
Shoreline - Petersburg Road System	582	1,201	2,330	0	67	296	56	33	0	402	0	0	29	0	0	0	0	0	0	0
Shoreline - Other	649	1,391	1,840	0	222	481	67	430	47	45	0	0	49	0	0	0	11	0	49	33
SALTWATER TOTAL	9,576	21,343	37,058	200	5,666	9,372	640	1,800	575	1,006	34	0	532	0	0	3,388	12,149	405	3,712	2,475
FRESHWATER:																				
Blind Slough (in Wrangell Narrows)	1,267	2,443	3,438	463	1,629	848	0	0	0	27	0	0	33	0	0	0	0	0	0	0
Petersburg Creek	699	1,657	2,230	0	0	733	0	408	0	51	0	0	130	0	0	0	0	0	0	0
Other Streams	1,131	2,578	3,890	0	0	735	158	48	0	186	0	26	523	0	0	0	0	0	0	0
Other Lakes	415	633	1,103	0	0	206	282	0	0	88	0	50	343	0	0	0	0	0	0	0
FRESHWATER TOTAL	2,662	7,311	10,661	463	1,629	2,522	440	456	0	352	0	76	1,029	0	0	0	0	0	0	0
GRAND TOTAL	10,258	28,654	47,719	663	7,295	11,894	1,080	2,256	575	1,358	34	76	1,561	0	0	3,388	12,149	405	3,712	2,475

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

[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.

Appendix A56.–Kake, Petersburg, Wrangell, Stikine Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KI[a]	KS[a]	SS	RS	PS	CS	DV AC	SH	RT	CT	BT	GR	SM	HA	LC	RF	Other[b]
SALTWATER:																			
Boat - Terminal Harvest Area near Petersburg	415	719	106	489	44	34	0	0	0	0	0	0	0	0	0	211	0	0	0
Boat - Frederick Sound near Petersburg	850	1,221	0	152	1,031	24	249	36	160	0	0	0	0	0	10	686	83	491	96
Boat - Rest of Petersburg Area	511	999	0	190	458	53	98	169	154	17	0	31	0	0	0	449	25	192	1,756
Boat - Wrangell Area	902	1,293	0	352	444	211	187	86	61	0	0	179	0	0	1,726	473	35	520	0
Boat - Kake Area	364	874	0	75	438	20	72	36	15	17	0	125	0	0	0	194	20	69	0
Boat - Other	409	820	0	137	910	43	64	0	42	0	0	0	0	0	1,676	404	49	234	16
Shoreline - Petersburg Road System	364	918	0	48	141	56	31	0	151	0	0	22	0	0	0	0	0	0	0
Shoreline - Other	393	469	0	139	194	38	219	34	46	0	0	50	0	0	0	11	0	48	32
SALTWATER TOTAL	1,571	2,615	106	694	1,567	236	414	197	291	24	0	229	0	0	2,400	1,067	105	773	1,762
FRESHWATER:																			
Blind Slough (in Wrangell Narrows)	419	603	196	399	345	0	0	0	26	0	0	32	0	0	0	0	0	0	0
Petersburg Creek	548	646	0	0	296	0	372	0	34	0	0	71	0	0	0	0	0	0	0
Other Streams	527	660	0	0	262	133	28	0	113	0	19	180	0	0	0	0	0	0	0
Other Lakes	227	551	0	0	116	299	0	0	63	0	36	126	0	0	0	0	0	0	0
FRESHWATER TOTAL	924	1,260	196	399	556	325	373	0	133	0	41	237	0	0	0	0	0	0	0
GRAND TOTAL	1,846	2,909	226	795	1,647	394	561	197	313	24	41	332	0	0	2,400	1,067	105	773	1,762

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 Appendix A3 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.

Appendix A57.–Sitka Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KI[b]	KS[b]	SS	RS	PS	CS	DV AC	SH	RT	CT	BT	GR	SM	HA	LC	RF	Other[c]
SALTWATER:																				
Boat - Sitka Sound, incl. Vitskari Island	15,181	22,808	37,605	0	15,117	31,682	1,376	3,905	2,600	61	0	0	65	0	0	58	18,911	2,190	14,903	1,090
Boat - Terminal Harvest Area - Silver Bay	661	1,886	3,066	109	671	649	0	0	51	0	0	0	0	0	0	0	520	38	509	0
Boat - Terminal Harvest Area - Hidden Bay	334	574	802	27	93	680	0	0	16	0	0	0	0	0	0	0	171	0	456	0
Boat - Salisbury Sound	2,089	3,468	6,022	0	1,905	3,307	0	814	112	30	0	0	0	0	0	0	952	141	714	0
Boat - Outer Coast of Kruzof Island	5,011	7,326	12,438	0	5,856	20,584	68	957	990	0	0	0	0	0	0	0	12,148	1,547	7,733	667
Boat - Tenakee Area	882	1,499	3,012	0	214	1,387	0	195	130	426	0	0	0	0	0	0	935	57	778	0
Boat - East Shore of Baranof Island	2,606	3,668	6,083	0	967	5,239	268	1,644	569	45	0	0	0	0	0	19	3,223	226	2,991	49
Boat - West Chichagof Island	600	654	1,804	0	490	1,306	0	65	49	0	0	0	0	0	0	0	726	141	320	0
Boat - Other	1,459	2,685	4,291	0	968	3,327	359	348	41	15	0	0	0	0	0	0	1,833	264	1,798	0
Shoreline - East Baranof Island	283	643	954	0	0	412	56	62	0	226	0	0	0	0	0	0	0	0	0	0
Shoreline - Other Sitka Sound	349	354	519	0	0	0	163	0	0	15	0	0	0	0	0	0	0	0	0	0
Shoreline - Sitka Road System	515	817	985	0	13	209	0	30	0	27	0	0	0	0	0	0	43	0	37	0
Shoreline - Other	217	532	737	0	13	301	11	79	16	75	0	0	0	0	0	0	43	0	0	0
SALTWATER TOTAL	25,234	46,914	78,318	136	26,307	69,083	2,301	8,099	4,574	920	0	0	65	0	0	77	39,505	4,604	30,239	1,806
FRESHWATER:																				
Other Streams	733	1,199	1,820	0	0	825	67	0	14	254	0	41	127	0	0	0	0	0	0	0
Other Lakes	367	850	1,493	0	0	182	23	0	0	30	0	233	179	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,100	2,049	3,313	0	0	1,007	90	0	14	284	0	274	306	0	0	0	0	0	0	0
GRAND TOTAL	25,734	48,963	81,631	136	26,307	70,090	2,391	8,099	4,588	1,204	0	274	371	0	0	77	39,505	4,604	30,239	1,806

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

[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.

Appendix A58.–Sitka Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KI[a]	KS[a]	SS	RS	PS	CS	DV AC	SH	RT	CT	BT	GR	SM	HA	LC	RF	Other[b]
SALTWATER:																			
Boat - Sitka Sound, incl. Vitskari Island	1,621	2,767	0	1,158	2,537	555	644	455	63	0	0	67	0	0	58	1,383	273	1,688	425
Boat - Terminal Harvest Area - Silver Bay	806	1,456	67	237	274	0	0	50	0	0	0	0	0	0	0	205	23	346	0
Boat - Terminal Harvest Area - Hidden Bay	193	266	26	49	278	0	0	16	0	0	0	0	0	0	0	79	0	302	0
Boat - Salisbury Sound	814	1,560	0	360	865	0	419	61	31	0	0	0	0	0	0	225	68	229	0
Boat - Outer Coast of Kruzof Island	886	1,684	0	608	2,181	58	235	284	0	0	0	0	0	0	0	1,140	301	1,000	508
Boat - Tenakee Area	393	816	0	95	455	0	105	133	414	0	0	0	0	0	0	333	35	362	0
Boat - East Shore of Baranof Island	566	791	0	185	1,126	137	916	283	45	0	0	0	0	0	19	562	80	868	50
Boat - West Chichagof Island	179	574	0	153	467	0	63	28	0	0	0	0	0	0	0	261	95	130	0
Boat - Other	534	715	0	217	997	345	192	31	15	0	0	0	0	0	0	387	85	552	0
Shoreline - East Baranof Island	322	418	0	0	206	59	36	0	192	0	0	0	0	0	0	0	0	0	0
Shoreline - Other Sitka Sound	126	170	0	0	0	160	0	0	15	0	0	0	0	0	0	0	0	0	0
Shoreline - Sitka Road System	255	283	0	14	214	0	31	0	26	0	0	0	0	0	0	44	0	27	0
Shoreline - Other	249	282	0	13	182	11	58	16	54	0	0	0	0	0	0	33	0	0	0
SALTWATER TOTAL	2,416	4,233	71	1,418	3,804	714	1,234	621	470	0	0	67	0	0	61	2,030	440	2,220	666
FRESHWATER:																			
Other Streams	378	472	0	0	405	57	0	14	149	0	40	77	0	0	0	0	0	0	0
Other Lakes	466	518	0	0	132	16	0	0	30	0	222	163	0	0	0	0	0	0	0
FRESHWATER TOTAL	599	694	0	0	427	59	0	14	151	0	225	177	0	0	0	0	0	0	0
GRAND TOTAL	2,486	4,260	71	1,418	3,824	715	1,234	621	501	0	225	190	0	0	61	2,030	440	2,220	666

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 Appendix A3 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.

Appendix A59.–Juneau Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KI[b]	KS[b]	SS	LS	RS	PS	CS	DV AC	SH	RT	CT	BT	SM	HA	LC	PC	RF	Other[c]
SALTWATER:																					
Boat - Terminal Harvest Area	2,772	4,767	7,805	305	1,821	796	0	11	161	230	40	0	0	0	0	0	356	0	29	53	0
Boat - Doty Cove to Berners Bay W to Pt. Retreat	17,422	36,260	62,283	131	6,298	24,824	0	353	4,347	1,862	917	16	0	133	0	19	11,483	154	544	3,718	130
Boat - Angoon Area	1,100	1,920	3,550	0	546	5,549	0	11	823	374	128	0	0	0	0	0	2,649	114	994	1,544	81
Boat - Lower Stephens Passage	637	1,301	2,134	0	223	538	0	0	117	30	0	0	0	0	0	0	693	0	146	91	0
Boat - Lynn Canal	1,310	2,604	4,033	0	191	2,079	0	42	473	267	27	0	0	0	0	0	1,368	20	61	312	0
Boat - Admiralty Island	394	553	868	0	48	574	0	0	0	16	61	0	0	0	0	0	529	28	0	342	0
Boat - Chatham Strait	596	978	1,716	0	249	1,128	0	45	333	103	106	0	0	0	0	0	605	28	0	81	0
Boat - Frederick Sound	429	337	981	0	67	1,762	0	0	293	196	15	0	0	0	0	0	1,016	0	0	277	0
Boat - Other	2,042	2,563	4,119	0	403	2,197	0	93	392	274	0	0	0	0	0	0	845	28	120	335	0
Shoreline - Auke Creek Mouth	649	791	1,682	50	50	212	0	11	48	0	45	0	0	0	0	0	0	0	0	0	0
Shoreline - Gastineau Hatchery - DIPAC	2,095	7,483	11,843	1,698	641	5,004	0	0	335	761	228	0	0	0	0	0	0	0	0	0	81
Shoreline - Other Juneau Road System	2,722	8,174	10,020	0	364	1,326	0	22	2,797	481	1,727	0	0	104	0	0	0	0	61	0	57
Shoreline - Other	949	1,352	2,072	48	199	317	0	44	536	14	58	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	26,820	69,083	113,106	2,232	11,100	46,306	0	632	10,655	4,608	3,352	16	0	237	0	19	19,544	372	1,955	6,753	349
FRESHWATER:																					
Fish Creek (Douglas Island)	1,032	2,404	3,022	172	1,239	0	0	0	81	14	98	0	0	0	0	0	0	0	0	0	0
Peterson Creek and Salt Chuck	332	671	803	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0
Cowee Creek	880	1,772	2,250	13	0	456	0	11	244	0	53	0	0	0	0	0	0	0	0	0	0
Montana Creek	564	1,409	1,570	0	0	90	0	0	0	0	40	0	0	0	0	0	0	0	0	0	0
Other Juneau Road System	699	919	1,194	0	0	13	0	163	0	16	93	0	0	52	0	0	0	0	0	0	0
Other Streams	1,646	1,869	2,324	0	0	223	0	991	121	130	117	0	0	81	0	0	0	0	0	0	0
Other Lakes	782	1,000	1,534	0	0	0	76	0	0	0	80	0	0	42	0	0	0	0	0	0	0
FRESHWATER TOTAL	4,906	10,044	12,697	185	1,239	782	76	1,165	446	160	481	0	0	184	0	0	0	0	0	0	0
GRAND TOTAL	29,452	79,127	125,803	2,417	12,339	47,088	76	1,797	11,101	4,768	3,833	16	0	421	0	19	19,544	372	1,955	6,753	349

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

[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.

Appendix A60.–Juneau Area standard errors of sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KI[a]	KS[a]	SS	LS	RS	PS	CS	DV AC	SH	RT	CT	BT	SM	HA	LC	PC	RF	Other[b]
SALTWATER:																				
Boat - Terminal Harvest Area	791	1,508	93	385	185	0	11	78	108	30	0	0	0	0	0	118	0	21	46	0
Boat - Doty Cove to Berners Bay W to Pt. Retreat	2,443	4,806	47	624	2,107	0	147	842	503	285	16	0	77	0	19	1,256	64	178	731	100
Boat - Angoon Area	450	694	0	154	1,640	0	11	363	202	88	0	0	0	0	0	699	49	599	791	78
Boat - Lower Stephens Passage	527	911	0	117	379	0	0	84	22	0	0	0	0	0	0	396	0	106	66	0
Boat - Lynn Canal	657	1,013	0	75	665	0	26	179	144	27	0	0	0	0	0	431	20	50	170	0
Boat - Admiralty Island	176	245	0	29	235	0	0	0	16	45	0	0	0	0	0	214	30	0	223	0
Boat - Chatham Strait	244	524	0	157	336	0	45	151	62	114	0	0	0	0	0	204	28	0	54	0
Boat - Frederick Sound	103	312	0	48	1,559	0	0	189	137	15	0	0	0	0	0	393	0	0	183	0
Boat - Other	654	790	0	149	517	0	68	209	123	0	0	0	0	0	0	262	20	84	152	0
Shoreline - Auke Creek Mouth	233	872	36	24	118	0	12	36	0	45	0	0	0	0	0	0	0	0	0	0
Shoreline - Gastineau Hatchery - DIPAC	1,528	2,849	1,457	242	1,662	0	0	232	334	103	0	0	0	0	0	0	0	0	0	86
Shoreline - Other Juneau Road System	2,038	2,294	0	134	416	0	16	2,690	290	630	0	0	74	0	0	0	0	49	0	56
Shoreline - Other	340	578	36	99	125	0	46	450	14	36	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	3,902	6,549	1,458	848	3,667	0	183	2,866	745	709	16	0	109	0	19	1,623	89	645	1,134	168
FRESHWATER:																				
Fish Creek (Douglas Island)	730	1,033	117	702	0	0	0	66	14	54	0	0	0	0	0	0	0	0	0	0
Peterson Creek and Salt Chuck	240	271	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0
Cowee Creek	474	572	13	0	226	0	11	179	0	37	0	0	0	0	0	0	0	0	0	0
Montana Creek	498	523	0	0	49	0	0	0	0	41	0	0	0	0	0	0	0	0	0	0
Other Juneau Road System	279	318	0	0	13	0	84	0	16	93	0	0	53	0	0	0	0	0	0	0
Other Streams	490	502	0	0	125	0	523	81	88	62	0	0	82	0	0	0	0	0	0	0
Other Lakes	250	388	0	0	0	78	0	0	0	61	0	0	42	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,180	1,483	118	702	264	78	530	206	90	146	0	0	106	0	0	0	0	0	0	0
GRAND TOTAL	4,013	6,674	1,456	1,088	3,695	78	578	2,876	752	722	16	0	152	0	19	1,623	89	645	1,134	168

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 Appendix A3 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.

Appendix A61.–Haines-Skagway Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KI[b]	KS[b]	SS	RS	PS	CS	DV AC	SH	RT	CT	BT	GR	HA	LC	PC	RF	Other[c]
SKAGWAY SUB-AREA																				
SALTWATER:																				
Boat - Taiya Inlet	1,369	2,743	3,726	77	452	209	0	144	42	113	0	0	0	0	0	54	0	52	0	0
Boat - Other	546	837	1,592	128	132	106	0	46	46	0	0	0	0	0	0	56	0	21	129	41
Shoreline - Other	343	499	658	126	69	72	0	407	0	80	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	2,101	4,079	5,976	331	653	387	0	597	88	193	0	0	0	0	0	110	0	73	129	41
FRESHWATER:																				
Other Streams	376	677	826	12	46	112	0	254	0	61	0	0	0	0	0	0	0	0	0	0
Other Lakes	166	205	247	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	492	882	1,073	12	46	112	0	254	0	61	0	0	0	0	0	0	0	0	0	0
SKAGWAY SUB-AREA	2,467	4,961	7,049	343	699	499	0	851	88	254	0	0	0	0	0	110	0	73	129	41
HAINES SUB-AREA																				
SALTWATER:																				
Boat - Lynn Canal	416	575	934	0	107	47	11	0	0	96	0	0	0	0	0	149	0	0	26	65
Boat - Chilkat Inlet	1,059	2,930	5,084	0	422	193	132	0	13	237	0	0	104	0	0	127	0	0	0	0
Boat - Chilkoot Inlet	1,197	2,464	4,138	0	187	242	74	980	0	305	0	0	0	0	0	350	0	31	411	0
Boat - Other	428	1,340	2,016	0	124	80	0	33	0	168	0	0	0	0	0	115	10	0	0	0
Shoreline - Chilkoot Inlet	302	481	539	0	13	114	0	775	70	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	534	728	1,194	0	0	51	45	891	49	233	0	0	0	0	0	12	0	0	0	787
SALTWATER TOTAL	3,436	8,518	13,90	0	853	727	262	2,679	132	1,039	0	0	104	0	0	753	10	31	437	852
FRESHWATER:																				
Chilkoot River	2,957	4,364	8,342	0	0	592	813	4,701	179	962	0	0	13	0	0	0	0	0	0	0
Chilkat River	1,871	3,516	8,201	0	0	2,497	89	964	202	1,245	13	0	143	0	0	0	0	0	0	0
Other Streams	120	115	150	0	0	0	0	103	0	0	0	0	13	0	0	0	0	0	0	0
Chilkoot Lake	1,653	1,638	3,379	0	0	613	76	16	16	627	0	0	0	0	0	0	0	0	0	0
Chilkat Lake	295	362	744	0	0	325	54	116	13	24	0	0	132	0	0	0	0	0	0	0
Other Lakes	315	420	748	0	0	0	0	0	0	559	0	0	376	0	0	0	0	0	0	0
FRESHWATER TOTAL	5,141	10,41	21,56	0	0	4,027	1,032	5,900	410	3,417	13	0	677	0	0	0	0	0	0	0
HAINES SUB-AREA TOTAL	7,362	18,93	35,46	0	853	4,754	1,294	8,579	542	4,456	13	0	781	0	0	753	10	31	437	852
GRAND TOTAL	9,373	23,89	42,51	343	1,552	5,253	1,294	9,430	630	4,710	13	0	781	0	0	863	10	104	566	893

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

[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.

Appendix A62.–Haines-Skagway Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KI[a]	KS[a]	SS	RS	PS	CS	DV AC	SH	RT	CT	BT	GR	HA	LC	PC	RF	Other[b]
SKAGWAY SUB-AREA																			
SALTWATER:																			
Boat - Taiya Inlet	1,610	1,663	33	121	106	0	86	25	59	0	0	0	0	0	33	0	54	0	0
Boat - Other	441	819	53	77	69	0	34	34	0	0	0	0	0	0	45	0	21	126	42
Shoreline - Other	250	273	92	66	70	0	219	0	76	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	1,686	1,885	113	164	143	0	237	42	95	0	0	0	0	0	56	0	58	126	42
FRESHWATER:																			
Other Streams	304	327	12	47	82	0	166	0	60	0	0	0	0	0	0	0	0	0	0
Other Lakes	77	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	314	338	12	47	82	0	166	0	60	0	0	0	0	0	0	0	0	0	0
SKAGWAY SUB-AREA TOTAL	1,723	1,930	114	173	165	0	288	42	114	0	0	0	0	0	56	0	58	126	42
HAINES SUB-AREA																			
SALTWATER:																			
Boat - Lynn Canal	224	368	0	62	28	11	0	0	96	0	0	0	0	0	79	0	0	18	67
Boat - Chilkat Inlet	667	1,185	0	169	99	100	0	13	139	0	0	105	0	0	61	0	0	0	0
Boat - Chilkoot Inlet	667	1,170	0	71	120	43	567	0	201	0	0	0	0	0	128	0	18	238	0
Boat - Other	659	1,021	0	61	47	0	32	0	74	0	0	0	0	0	75	10	0	0	0
Shoreline - Chilkoot Inlet	207	215	0	13	85	0	521	70	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	274	382	0	0	51	47	398	49	147	0	0	0	0	0	12	0	0	0	804
SALTWATER TOTAL	1,223	2,051	0	195	189	119	850	86	309	0	0	105	0	0	182	10	18	239	807
FRESHWATER:																			
Chilkoot River	600	1,098	0	0	172	155	1,318	71	358	0	0	13	0	0	0	0	0	0	0
Chilkat River	814	3,307	0	0	640	45	343	72	342	13	0	79	0	0	0	0	0	0	0
Other Streams	64	77	0	0	0	0	100	0	0	0	0	13	0	0	0	0	0	0	0
Chilkoot Lake	293	588	0	0	198	43	16	16	259	0	0	0	0	0	0	0	0	0	0
Chilkat Lake	123	310	0	0	167	53	96	13	17	0	0	71	0	0	0	0	0	0	0
Other Lakes	158	276	0	0	0	0	0	0	258	0	0	192	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,039	3,539	0	0	719	179	1,359	101	629	13	0	220	0	0	0	0	0	0	0
HAINES SUB-AREA	1,629	4,090	0	195	738	215	1,59	133	714	13	0	249	0	0	182	10	18	239	807
GRAND TOTAL	2,294	4,418	114	260	762	215	1,61	139	717	13	0	249	0	0	191	10	61	270	806

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 Appendix A3 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.

Appendix A63.–Glacier Bay Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KI[b]	KS[b]	SS	RS	PS	CS	DV AC	SH	RT	CT	SM	HA	LC	PC	RF	Other[c]
SALTWATER:																			
Boat - Icy Strait	714	1,121	1,805	0	96	2,086	23	402	16	0	0	0	0	0	1,676	0	27	149	692
Boat - Icy Strait (excl. Glacier Bay National Park)	4,500	5,566	13,326	0	445	8,761	263	4,190	1,188	215	0	0	104	0	9,947	63	398	534	16
Boat - Cross Sound (excl. Glacier Bay National Park)	897	910	2,413	0	513	851	22	227	0	0	0	0	0	0	1,178	106	0	777	0
Boat - Glacier Bay National Park (excl. Glacier Bay)	659	1,010	1,646	0	139	1,506	45	195	49	0	0	0	0	0	1,450	28	40	33	0
Boat - Glacier Bay (Proper)	956	1,329	2,355	0	13	1,076	0	326	131	27	0	0	0	0	1,497	0	40	0	0
Boat - Gustavus Area	876	1,264	2,185	0	129	1,665	0	239	116	256	0	0	0	0	2,091	42	0	65	0
Boat - Outer Coast Yakobi Island	920	983	1,800	0	792	1,248	203	75	62	12	0	0	0	58	730	114	0	938	0
Boat - Homeshore Area	679	1,555	2,922	0	289	2,407	203	189	127	227	0	0	98	0	1,319	14	40	98	0
Boat - Northern Chichagof Island	1,216	2,558	4,446	0	933	2,380	0	306	16	0	0	0	0	0	2,451	208	13	1,183	0
Boat - Other	1,030	1,480	3,564	0	150	3,682	0	1,490	277	74	0	0	0	0	1,855	14	13	371	0
Shoreline - Other	496	533	1,044	0	102	452	0	16	0	0	0	0	0	0	42	0	0	0	0
SALTWATER TOTAL	9,776	18,309	37,506	0	3,601	26,114	759	7,655	1,982	811	0	0	202	58	24,236	589	571	4,148	708
FRESHWATER:																			
Other Streams	850	1,181	1,790	0	0	717	22	277	41	796	8	0	31	0	0	0	0	0	0
Other Lakes	84	205	454	0	0	165	327	0	16	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	916	1,386	2,244	0	0	882	349	277	57	796	8	0	31	0	0	0	0	0	0
GRAND TOTAL	10,008	19,695	39,750	0	3,601	26,996	1,108	7,932	2,039	1,607	8	0	233	58	24,236	589	571	4,148	708

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 boundary, including Pleasant Island, The Sisters, and Point Couverden.

Note: Refer to Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

[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.

Appendix A64.–Glacier Bay Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KI[a]	KS[a]	SS	RS	PS	CS	DV AC	SH	RT	CT	SM	HA	LC	PC	RF	Other[b]
SALTWATER:																		
Boat - Icy Strait	347	442	0	44	943	23	247	16	0	0	0	0	0	509	0	26	88	630
Boat - Icy Strait (excl. Glacier Bay National Park)	616	1,531	0	156	1,362	235	971	333	155	0	0	110	0	1,160	30	155	170	17
Boat - Cross Sound (excl. Glacier Bay National Park)	187	543	0	161	335	22	111	0	0	0	0	0	0	276	62	0	326	0
Boat - Glacier Bay National Park (excl. Glacier Bay)	235	335	0	66	470	45	127	36	0	0	0	0	0	376	19	40	31	0
Boat - Glacier Bay (Proper)	347	546	0	13	467	0	202	90	26	0	0	0	0	390	0	38	0	0
Boat - Gustavus Area	390	559	0	62	690	0	134	84	242	0	0	0	0	530	31	0	47	0
Boat - Outer Coast Yakobi Island	200	447	0	189	393	162	77	39	12	0	0	0	59	220	50	0	322	0
Boat - Homeshore Area		954	0	102	939	148	108	89	163	0	0	93	0	618	14	30	93	0
Boat - Northern Chichagof Island	593	782	0	245	637	0	132	16	0	0	0	0	0	500	75	13	339	0
Boat - Other	367	846	0	65	1,101	0	815	131	61	0	0	0	0	505	14	13	210	0
Shoreline - Other	181	376	0	52	243	0	17	0	0	0	0	0	0	31	0	0	0	0
SALTWATER TOTAL	1,359	2,521	0	417	2,532	335	1,333	395	334	0	0	145	59	1,758	120	169	652	631
FRESHWATER:																		
Other Streams	242	343	0	0	341	21	169	31	361	8	0	23	0	0	0	0	0	0
Other Lakes	167	342	0	0	133	237	0	16	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	294	480	0	0	367	238	169	34	361	8	0	23	0	0	0	0	0	0
GRAND TOTAL	1,402	2,581	0	417	2,531	415	1,335	397	495	8	0	148	59	1,758	120	169	652	631

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 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 Appendix A3 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.

Appendix A65.–Yakutat Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KI[b]	KS[b]	SS	RS	PS	CS	DV AC	SH	RT	CT	NP	SM	HA	LC	PC	RF	Other[c]
SALTWATER:																				
Boat - Yakutat Bay	2,761	3,519	5,562	0	470	6,395	541	81	16	0	0	0	0	0	0	4,229	1,089	40	1,397	0
Boat - Ankau Lagoon	50	96	151	0	69	131	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boat - Other	184	177	344	0	40	417	0	0	0	0	0	0	0	0	0	297	71	0	16	0
Shoreline - Yakutat Bay	217	232	330	0	0	613	0	0	0	0	0	0	0	0	0	71	14	0	0	0
Shoreline - Ankau Lagoon	383	477	724	0	0	822	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	50	136	204	0	0	340	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	3,194	4,637	7,315	0	579	8,718	541	81	16	0	0	0	0	0	0	4,597	1,174	40	1,413	0
FRESHWATER:																				
Situk River, above weir	2,700	3,856	8,514	240	107	4,273	3,131	521	0	254	0	0	0	0	0	0	0	0	0	16
Situk River, below weir	2,282	4,271	7,684	67	347	6,974	5,494	228	0	364	0	0	0	0	0	0	0	0	0	49
Situk River - reach unspecified	317	507	878	13	13	418	924	0	0	0	0	0	0	0	0	0	0	0	0	81
Tsiu River	683	531	2,060	0	0	2,372	90	0	0	30	0	0	0	0	0	0	0	0	0	0
East Alsek River	314	1,178	1,607	0	0	1,923	237	0	0	0	0	0	0	0	0	0	0	0	0	0
Lost River	866	1,061	1,775	0	0	2,781	0	0	0	45	0	0	0	0	0	0	0	0	0	0
Italio River	333	326	845	0	0	1,018	23	16	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	517	1,313	2,523	27	13	1,973	158	16	0	178	0	0	21	0	0	0	0	0	0	0
Other Lakes	34	28	34	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	5,881	13,071	25,920	347	480	21,732	10,057	797	0	871	0	0	21	0	0	0	0	0	0	146
GRAND TOTAL	6,614	17,708	33,235	347	1,059	30,450	10,598	878	16	871	0	0	21	0	0	4,597	1,174	40	1,413	146

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

Note: Refer to Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

[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.

Appendix A66.–Yakutat Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KI[a]	KS[a]	SS	RS	PS	CS	DV AC	SH	RT	CT	NP	SM	HA	LC	PC	RF	Other[b]
SALTWATER:																			
Boat - Yakutat Bay	396	687	0	202	1,031	328	60	17	0	0	0	0	0	0	503	160	23	348	0
Boat - Ankau Lagoon	71	97	0	68	129	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boat - Other	55	132	0	29	246	0	0	0	0	0	0	0	0	0	114	37	0	17	0
Shoreline - Yakutat Bay	74	104	0	0	277	0	0	0	0	0	0	0	0	0	43	14	0	0	0
Shoreline - Ankau Lagoon	168	219	0	0	267	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	112	134	0	0	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	464	768	0	216	1,187	328	60	17	0	0	0	0	0	0	530	165	23	348	0
FRESHWATER:																			
Situk River, above weir	474	1,172	166	41	849	1,046	311	0	109	0	0	0	0	0	0	0	0	0	16
Situk River, below weir	543	898	35	117	1,179	1,233	175	0	162	0	0	0	0	0	0	0	0	0	49
Situk River - reach unspecified	203	261	13	13	218	533	0	0	0	0	0	0	0	0	0	0	0	0	82
Tsiu River	114	477	0	0	586	89	0	0	32	0	0	0	0	0	0	0	0	0	0
East Alsek River	454	502	0	0	586	149	0	0	0	0	0	0	0	0	0	0	0	0	0
Lost River	207	349	0	0	547	0	0	0	47	0	0	0	0	0	0	0	0	0	0
Italio River	88	258	0	0	305	23	17	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	750	846	27	14	502	133	16	0	136	0	0	21	0	0	0	0	0	0	0
Other Lakes	19	24	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,118	1,838	171	124	1,860	1,700	355	0	244	0	0	21	0	0	0	0	0	0	96
GRAND TOTAL	1,194	2,018	171	250	2,217	1,732	362	17	244	0	0	21	0	0	530	165	23	348	96

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 Appendix C3 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.

Appendix A67.–Upper Copper River Drainage sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	LS	RS	LT	DV AC	SH	RT	GR	WF	BB	Other[b]
Gulkana River (Paxson to West Fork)	1,524	1,344	4,003	0	0	0	33	0	0	0	0	657	0	0	0
Gulkana River (West Fork to Highway)	3,349	4,370	9,061	1,288	0	0	441	0	0	0	0	240	0	0	0
Gulkana River (Highway to Copper River)	1,481	1,405	2,771	382	0	0	335	0	0	0	0	107	0	0	0
Gulkana River Other	600	722	1,123	220	0	0	23	0	0	0	0	102	0	0	0
Klutina River	3,754	5,397	10,472	1,338	0	0	5,069	14	886	0	0	197	36	0	0
Tonsina River	600	520	864	115	34	0	142	0	150	0	27	67	0	0	0
Other Streams	1,114	1,440	2,758	92	52	0	168	0	199	0	14	895	0	50	0
Van (Silver) Lake	432	409	720	0	0	0	0	0	0	0	852	0	0	0	0
Paxson Lake	814	559	1,080	0	0	0	0	46	0	0	0	68	75	20	0
Summit Lake (near Paxson)	364	244	392	0	0	0	0	107	0	0	0	0	0	0	0
Crosswind Lake	360	559	1,401	0	0	0	76	105	0	0	0	134	89	336	0
Other Lakes	1,608	2,945	5,057	0	45	0	177	519	918	0	1,418	829	362	303	0
TOTAL	12,672	19,914	39,702	3,435	131	0	6,464	791	2,153	0	2,311	3,296	562	709	0

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

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

Appendix A68.–Upper CopperRiver Drainage standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	LS	RS	LT	DV AC	SH	RT	GR	WF	BB	Other[a]
Gulkana River (Paxson to West Fork)	257	704	0	0	0	24	0	0	0	0	258	0	0	0
Gulkana River (West Fork to Highway)	905	1,759	226	0	0	174	0	0	0	0	105	0	0	0
Gulkana River (Highway to Copper River)	278	656	136	0	0	188	0	0	0	0	79	0	0	0
Gulkana River Other	183	299	87	0	0	17	0	0	0	0	71	0	0	0
Klutina River	801	2,018	203	0	0	1,040	14	364	0	0	129	29	0	0
Tonsina River	126	231	54	34	0	126	0	90	0	27	47	0	0	0
Other Streams	336	691	48	32	0	91	0	126	0	13	396	0	50	0
Van (Silver) Lake	119	214	0	0	0	0	0	0	0	363	0	0	0	0
Paxson Lake	128	258	0	0	0	0	28	0	0	0	68	76	20	0
Summit Lake (near Paxson)	68	121	0	0	0	0	51	0	0	0	0	0	0	0
Crosswind Lake	190	506	0	0	0	78	49	0	0	0	123	53	148	0
Other Lakes	905	1,683	0	45	0	126	208	638	0	560	366	359	157	0
TOTAL	1,604	3,449	349	63	0	1,091	223	739	0	680	632	371	222	0

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 Appendix C3 for common names and species abbreviations.

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

Appendix A69.–North Gulf Coast/Prince William Sound (PWS) Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	RS	PS	CS	DV AC	SH	RT	CT	GR	HA	SK	RF	LC	HCL	SHR	Other[b]
SALTWATER:																				
Boat - Resurrection Bay - Trip to Seward	36,514	39,280	71,245	1,674	79,656	1,521	2,496	274	284	32	0	0	0	31,872	95	28,053	2,123	0	16	687
Boat - North Gulf Coast W of Cape Puget -Trip to Seward	9,139	9,270	15,866	385	13,734	156	575	65	0	0	0	0	0	12,484	0	10,809	1,602	0	0	163
Boat - West PWS - Trip to Seward	6,193	5,419	9,967	370	5,410	515	213	33	0	0	0	21	0	9,393	8	5,476	953	0	200	0
Boat - Other - Trip to Seward	982	722	1,043	25	1,123	0	0	0	0	0	0	0	0	1,086	0	898	142	0	0	98
Boat - West PWS - Trip to Whittier/Chenega/West PWS	11,677	18,384	39,770	553	8,065	4,413	2,009	1,367	97	8	0	21	0	10,675	54	12,645	924	0	3,307	1,034
Boat - East PWS - Trip to Whittier/Chenega/West PWS	2,125	3,136	5,843	23	5,114	11	179	0	0	0	0	0	0	1,977	0	1,381	306	0	69	146
Boat - Other - Trip to Whittier/Chenega/West PWS	296	806	1,616	23	79	1,089	0	0	0	0	0	0	0	398	0	810	10	0	0	0
Boat - West PWS - Trip to Valdez	3,604	3,361	8,486	86	3,802	309	335	30	27	0	0	42	0	5,001	0	2,512	392	0	204	65
Boat - East PWS - Trip to Valdez	5,632	6,584	14,638	114	8,885	169	1,565	14	67	86	0	52	0	6,944	45	3,149	955	0	1,427	33
Boat - Other - Trip to Valdez	861	1,045	1,653	0	3,070	218	146	16	0	0	0	0	0	787	0	140	99	0	0	8
Boat - Valdez Arm - Trip to Valdez	12,822	16,349	35,936	829	39,706	857	5,994	42	0	0	0	0	0	4,796	18	3,267	624	0	1,097	49
Boat - West PWS - Trip to Cordova or East PWS	711	1,868	3,390	88	969	131	635	325	0	0	0	10	0	1,468	0	667	52	0	0	0
Boat - East PWS - Trip to Cordova or East PWS	1,646	1,908	4,181	24	1,686	11	342	0	0	0	0	0	0	2,455	33	1,151	236	0	0	0
Boat - Other - Trip to Cordova or East PWS	233	164	336	13	157	0	0	0	0	0	0	0	0	224	0	49	0	0	0	0
Boat - Other - Trip to unknown destinations	2,122	4,243	7,317	265	2,992	34	320	14	15	0	0	0	0	3,090	17	2,516	488	0	537	0
Shoreline - Resurrection Bay (Seward)	6,444	10,053	16,021	651	6,119	779	2,233	689	386	8	0	0	0	24	0	387	28	506	0	244
Shoreline - Passage Canal (Whittier)	1,312	3,040	3,661	46	2,383	11	0	0	13	0	0	0	0	57	0	0	10	0	313	0
Shoreline - Valdez Road System	5,146	5,081	10,572	80	7,226	88	10,877	0	70	0	0	0	0	24	0	0	0	0	0	2,223
Shoreline - Remainder of Valdez Arm	2,371	2,551	5,100	13	2,333	525	6,148	33	0	0	0	0	0	79	0	37	0	22	0	0
Shoreline - West Prince William Sound	613	688	1,336	0	204	147	55	14	27	0	0	0	0	57	0	0	0	167	167	65
Shoreline - Orca Inlet	680	1,237	1,654	0	1,544	135	98	98	0	0	0	0	0	36	0	0	0	0	0	0
Shoreline - East Prince William Sound	266	355	650	0	529	0	94	0	0	0	0	0	0	57	0	0	0	22	0	0
Shoreline - Other	261	148	384	46	150	0	189	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	93,740	135,692	260,665	5,308	194,936	11,119	34,503	3,014	986	134	0	146	0	92,984	270	73,947	8,944	717	7,337	4,815
FRESHWATER:																				
Eyak River	2,490	4,312	7,982	0	10,235	620	98	0	91	0	0	10	0	0	0	0	0	0	0	0
Eshamy Lake, Creek, and Lagoon	267	357	606	0	82	296	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robe River Drainage	317	913	1,247	0	415	23	111	0	159	0	0	0	0	0	0	0	0	0	0	0
Alaganik Slough	897	1,646	2,629	40	3,843	0	16	0	30	0	0	38	0	0	0	0	0	0	0	0
Coghill River	317	288	536	0	73	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0
Clear Creek	296	437	826	46	299	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	2,192	2,137	4,543	159	2,058	240	411	0	106	21	68	31	16	0	0	0	0	0	0	130
Other Lakes	699	766	1,179	0	36	153	0	0	186	0	152	42	57	0	0	0	0	0	0	33
FRESHWATER TOTAL	6,230	10,856	19,548	245	17,041	1,343	652	0	572	21	220	121	73	0	0	0	0	0	0	163
GRAND TOTAL	96,977	146,548	280,213	5,553	211,977	12,462	35,155	3,014	1,558	155	220	267	73	92,984	270	73,947	8,944	717	7,337	4,978

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

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

Appendix A70.–North Gulf Coast/Prince William Sound Area (PWS) standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	RS	PS	CS	DV AC	SH	RT	CT	GR	HA	SK	RF	LC	HCL	SHR	Other[a]
SALTWATER:																			
Boat - Resurrection Bay - Trip to Seward	1,851	3,977	264	4,750	457	721	217	204	20	0	0	0	1,605	32	2,636	233	0	15	339
Boat - North Gulf Coast west of Cape Puget -Trip to Seward	781	1,597	113	1,359	104	191	41	0	0	0	0	0	940	0	1,566	265	0	0	167
Boat - West PWS - Trip to Seward	489	1,060	134	740	422	128	33	0	0	0	21	0	912	8	920	157	0	119	0
Boat - Other - Trip to Seward	125	194	17	305	0	0	0	0	0	0	0	0	231	0	288	51	0	0	97
Boat - West PWS - Trip to Whittier/Chenega/West PWS	2,082	3,920	149	1,345	1,027	536	385	41	8	0	21	0	912	39	1,411	196	0	952	641
Boat - East PWS - Trip to Whittier/Chenega/West PWS	816	1,273	16	1,547	11	91	0	0	0	0	0	0	326	0	434	97	0	51	107
Boat - Other - Trip to Whittier/Chenega/West PWS	629	1,266	23	62	1,088	0	0	0	0	0	0	0	198	0	478	10	0	0	0
Boat - West PWS - Trip to Valdez	470	1,513	43	1,020	220	211	22	27	0	0	42	0	926	0	696	107	0	86	67
Boat - East PWS - Trip to Valdez	891	2,026	48	1,417	96	643	14	66	78	0	52	0	773	20	720	171	0	1,109	26
Boat - Other - Trip to Valdez	352	500	0	1,109	223	129	17	0	0	0	0	0	206	0	65	62	0	0	8
Boat - Valdez Arm - Trip to Valdez	2,000	4,386	278	3,657	665	1,241	24	0	0	0	0	0	677	13	650	143	0	393	47
Boat - West PWS - Trip to Cordova or East PWS	910	1,517	66	445	135	639	327	0	0	0	10	0	607	0	334	31	0	0	0
Boat - East PWS - Trip to Cordova or East PWS	343	794	22	724	11	220	0	0	0	0	0	0	558	33	361	119	0	0	0
Boat - Other - Trip to Cordova or East PWS	53	145	13	129	0	0	0	0	0	0	0	0	85	0	47	0	0	0	0
Boat - Other - Trip to unknown destinations	966	1,723	144	749	24	206	14	14	0	0	0	0	614	12	904	218	0	472	0
Shoreline - Resurrection Bay (Seward)	1,341	2,161	217	1,042	326	814	351	183	8	0	0	0	23	0	164	20	414	0	243
Shoreline - Passage Canal (Whittier)	1,301	1,335	47	761	11	0	0	13	0	0	0	0	58	0	0	10	0	306	0
Shoreline - Valdez Road System	710	1,281	82	2,131	64	2,474	0	36	0	0	0	0	24	0	0	0	0	0	1,115
Shoreline - Remainder of Valdez Arm	369	818	13	710	365	1,480	34	0	0	0	0	0	44	0	27	0	21	0	0
Shoreline - West Prince William Sound	205	414	0	91	111	53	14	25	0	0	0	0	55	0	0	0	116	144	63
Shoreline - Orca Inlet	323	382	0	546	116	100	92	0	0	0	0	0	35	0	0	0	0	0	0
Shoreline - East Prince William Sound	149	225	0	268	0	68	0	0	0	0	0	0	56	0	0	0	23	0	0
Shoreline - Other	53	153	46	77	0	134	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	4,514	8,796	536	7,369	1,827	3,529	656	288	82	0	71	0	2,859	65	3,857	581	425	1,647	1,358
FRESHWATER:																			
Eyak River	642	1,179	0	1,333	361	101	0	77	0	0	11	0	0	0	0	0	0	0	0
Eshamy Lake, Creek, and Lagoon	119	188	0	48	164	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robe River Drainage	415	510	0	242	23	66	0	84	0	0	0	0	0	0	0	0	0	0	0
Alaganik Slough	343	555	38	915	0	16	0	30	0	0	38	0	0	0	0	0	0	0	0
Coghill River	97	187	0	51	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0
Clear Creek	161	363	33	145	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	271	618	108	430	167	376	0	68	22	72	32	17	0	0	0	0	0	0	130
Other Lakes	193	378	0	26	108	0	0	149	0	118	44	41	0	0	0	0	0	0	32
FRESHWATER TOTAL	928	1,618	119	1,722	436	391	0	197	22	135	68	44	0	0	0	0	0	0	133
GRAND TOTAL	4,574	8,945	548	7,530	1,874	3,555	656	352	85	135	100	44	2,859	65	3,857	581	425	1,647	1,363

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 Appendix C3 for common names and species abbreviations.

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

Appendix A71.–Knik Arm Drainage Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	LS	RS	PS	CS	LT	DV AC	RT	GR	WF	NP	BB	SM	Other[b]
SALTWATER:																		
Boat - Other	100	82	102	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	33	82	82	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	133	164	184	13	0	0	0	60	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																		
Little Susitna River	14,063	21,549	33,819	2,362	15,307	0	2,776	346	326	0	88	93	0	0	30	0	11	0
Knik River and tributaries, including Jim Creek	6,689	12,829	19,342	12	11,766	0	2,499	302	144	0	719	82	0	15	0	0	0	0
Wasilla Creek (Rabbit Slough)	449	613	1,079	0	488	0	33	0	0	0	13	0	0	0	0	0	0	0
Cottonwood Creek	1,015	2,061	3,282	0	532	0	719	0	0	0	133	290	0	0	0	0	0	0
Fish Creek (Big Lake Drainage)	614	1,544	2,029	0	774	0	400	45	210	0	42	23	0	0	0	0	0	0
Eklutna Power Plant Raceway	4,036	7,557	9,588	23	5,084	0	491	106	114	0	12	0	0	0	0	0	0	0
Other Streams	342	432	649	93	279	0	230	0	14	0	24	21	62	0	0	0	0	0
Wasilla Lake	513	893	1,434	0	0	0	0	0	0	0	0	264	0	0	0	0	0	0
Finger Lake	2,416	2,888	4,713	0	0	2,459	0	0	0	0	623	1,527	0	0	0	0	0	0
Kepler Lake Complex	2,666	4,281	6,958	0	0	465	0	0	0	0	51	4,423	385	0	0	0	0	0
Big Lake	1,679	3,453	4,430	0	0	29	0	0	0	0	213	626	0	0	0	171	0	0
Long Lake (Mile 85 Glenn Highway)	580	598	1,026	0	0	0	0	0	0	0	0	830	0	0	0	0	0	0
Memory Lake	651	1,056	3,417	0	0	748	0	0	0	0	53	234	0	0	106	0	0	0
Lucille Lake	747	625	1,145	0	0	0	0	0	0	0	0	842	0	0	0	0	0	0
Figure Eight Lake	414	493	581	0	0	0	0	0	0	0	0	0	0	0	2,726	0	0	0
Knik Lake	346	372	470	0	0	399	0	0	0	0	0	226	0	0	0	0	0	0
Nancy Lake Recreation Area	2,428	3,238	5,501	0	0	0	0	0	0	0	0	525	0	0	1,918	0	0	0
Other Lakes	4,388	8,051	13,881	53	68	1,815	0	0	0	0	409	7,732	256	0	181	0	0	0
FRESHWATER TOTAL	32,006	72,533	113,344	2,543	34,298	5,915	7,148	799	808	0	2,380	17,738	703	15	4,961	171	11	0
GRAND TOTAL	32,073	72,697	113,528	2,556	34,298	5,915	7,148	859	808	0	2,380	17,738	703	15	4,961	171	11	0

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

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

Appendix A72.–Knik Arm Drainage Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	LS	RS	PS	CS	LT	DV AC	RT	GR	WF	NP	BB	SM	Other[a]
SALTWATER:																	
Boat - Other	43	56	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	59	59	0	0	0	0	61	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	73	82	14	0	0	0	61	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																	
Little Susitna River	1,894	3,189	321	1,552	0	681	135	88	0	55	54	0	0	29	0	12	0
Knik River and Tributaries, including Jim Creek	1,448	2,441	12	1,629	0	1,024	198	65	0	335	54	0	15	0	0	0	0
Wasilla Creek (Rabbit Slough)	170	424	0	254	0	19	0	0	0	13	0	0	0	0	0	0	0
Cottonwood Creek	609	1,113	0	201	0	275	0	0	0	132	195	0	0	0	0	0	0
Fish Creek (Big Lake Drainage)	474	607	0	371	0	194	47	216	0	30	23	0	0	0	0	0	0
Eklutna Power Plant Raceway	1,272	1,420	23	1,450	0	302	84	89	0	12	0	0	0	0	0	0	0
Other Streams	141	207	55	125	0	150	0	14	0	24	21	46	0	0	0	0	0
Wasilla Lake	255	507	0	0	0	0	0	0	0	0	142	0	0	0	0	0	0
Finger Lake	437	817	0	0	698	0	0	0	0	317	336	0	0	0	0	0	0
Kepler Lake Complex	618	1,020	0	0	263	0	0	0	0	38	1,039	252	0	0	0	0	0
Big Lake	842	931	0	0	21	0	0	0	0	76	175	0	0	0	155	0	0
Long Lake (Mile 85 Glenn Highway)	161	388	0	0	0	0	0	0	0	0	700	0	0	0	0	0	0
Memory Lake	390	1,610	0	0	342	0	0	0	0	43	90	0	0	65	0	0	0
Lucille Lake	186	301	0	0	0	0	0	0	0	0	344	0	0	0	0	0	0
Figure Eight Lake	164	175	0	0	0	0	0	0	0	0	0	0	0	987	0	0	0
Knik Lake	118	145	0	0	226	0	0	0	0	0	98	0	0	0	0	0	0
Nancy Lake Recreation Area	1,089	1,240	0	0	0	0	0	0	0	0	176	0	0	559	0	0	0
Other Lakes	941	1,808	55	67	610	0	0	0	0	241	1,137	108	0	116	0	0	0
FRESHWATER TOTAL	3,363	5,471	330	2,722	1,056	1,303	262	264	0	556	1,854	276	15	1,180	155	12	0
GRAND TOTAL	3,363	5,469	331	2,722	1,056	1,303	269	264	0	556	1,854	276	15	1,180	155	12	0

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 Appendix C3 for common names and species abbreviations.

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

Appendix A73.–Anchorage Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	LS	RS	PS	CS	DV AC	RT	GR	NP	WF	SM	Other[b]
SALTWATER:																
Boat - Other	115	163	213	0	83	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	601	672	1,038	58	60	0	110	81	0	67	0	0	0	0	9,919	0
SALTWATER TOTAL	716	835	1,251	58	143	0	110	81	0	67	0	0	0	0	9,919	0
FRESHWATER:																
Jewel Lake	3,386	5,231	7,956	0	0	1,217	0	0	0	1,144	4,910	0	0	0	0	0
Campbell Point Lake	885	1,109	1,680	0	0	190	0	0	0	106	543	0	0	0	0	0
Sand Lake	882	2,191	2,768	0	0	469	0	0	0	705	1,012	0	195	0	0	0
Lower Fire Lake	766	1,259	1,471	0	0	0	0	0	0	0	280	0	241	0	0	0
Mirror Lake	1,934	2,341	4,103	0	0	1,268	0	0	0	505	2,241	0	0	0	0	0
Otter Lake	1,333	1,134	2,983	0	0	0	0	0	0	0	555	0	0	0	0	0
Clunie Lake	1,448	2,423	6,289	0	0	190	0	0	0	284	1,748	0	0	0	0	0
Gwen Lake	727	992	1,420	0	0	0	0	0	0	0	1,157	0	0	0	0	0
Sixmile Lake	767	768	1,323	0	23	0	22	0	0	0	170	0	0	0	0	0
Green Lake	699	981	2,192	0	0	1,014	0	0	0	0	444	0	0	0	0	0
Hillberg Lake	484	877	1,185	0	0	152	0	0	0	0	451	0	0	0	0	0
C Street (Taku) Lake	883	2,198	2,540	0	0	2,067	0	0	0	0	1,110	0	0	0	0	0
Beach Lake	1,252	1,589	2,313	0	0	443	0	0	0	0	938	79	0	0	0	0
Delong Lake	1,417	3,764	4,499	0	0	951	0	0	0	732	5,268	0	0	0	0	0
Other Lakes	1,567	3,441	4,817	0	0	507	0	0	0	0	2,171	11	227	0	0	0
Other Streams	1,292	2,426	3,557	0	1,334	0	11	91	42	175	138	0	0	0	0	0
Ship Creek	10,507	28,264	35,524	2,790	6,110	0	0	61	44	13	0	0	0	0	68	0
Bird Creek	1,417	1,653	2,239	0	611	0	0	751	117	13	23	0	0	0	0	24
Campbell Creek	1,682	4,976	5,674	288	1,056	0	22	0	0	200	117	0	0	0	0	0
Twentymile River	1,715	2,010	3,826	0	3,012	0	88	16	70	27	0	0	0	0	0	0
Placer River	284	493	646	0	1,036	0	0	0	0	0	0	0	0	0	0	0
Ingram Creek	317	315	398	0	49	0	22	272	0	0	0	0	0	0	0	0
Eagle River	917	971	1,289	24	73	0	11	0	33	281	0	0	0	0	0	0
FRESHWATER TOTAL	23,559	71,406	100,692	3,102	13,304	8,468	176	1,191	306	4,185	23,276	90	663	0	68	24
GRAND TOTAL	24,024	72,241	101,943	3,160	13,447	8,468	286	1,272	306	4,252	23,276	90	663	0	9,987	24

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

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

Appendix A74.– Anchorage Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	LS	RS	PS	CS	DV AC	RT	GR	NP	WF	SM	Other[a]
SALTWATER:															
Boat - Other	77	100	0	59	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	198	286	57	41	0	78	79	0	66	0	0	0	0	3,512	0
SALTWATER TOTAL	212	300	57	72	0	78	79	0	66	0	0	0	0	3,512	0
FRESHWATER:															
Jewel Lake	971	1,271	0	0	365	0	0	0	1,047	2,365	0	0	0	0	0
Campbell Point Lake	261	389	0	0	155	0	0	0	80	162	0	0	0	0	0
Sand Lake	578	730	0	0	289	0	0	0	662	562	0	80	0	0	0
Lower Fire Lake	495	515	0	0	0	0	0	0	0	143	0	117	0	0	0
Mirror Lake	495	828	0	0	708	0	0	0	285	671	0	0	0	0	0
Otter Lake	242	961	0	0	0	0	0	0	0	163	0	0	0	0	0
Clunie Lake	749	2,828	0	0	133	0	0	0	209	474	0	0	0	0	0
Gwen Lake	254	359	0	0	0	0	0	0	0	395	0	0	0	0	0
Sixmile Lake	212	469	0	23	0	21	0	0	0	121	0	0	0	0	0
Green Lake	294	815	0	0	1,074	0	0	0	0	307	0	0	0	0	0
Hillberg Lake	490	524	0	0	152	0	0	0	0	268	0	0	0	0	0
C Street (Taku) Lake	896	922	0	0	1,962	0	0	0	0	642	0	0	0	0	0
Beach Lake	383	493	0	0	197	0	0	0	0	395	61	0	0	0	0
Delong Lake	1,344	1,384	0	0	902	0	0	0	633	3,456	0	0	0	0	0
Other Lakes	1,034	1,185	0	0	499	0	0	0	0	893	11	166	0	0	0
Other Streams	546	829	0	425	0	11	55	31	160	89	0	0	0	0	0
Ship Creek	2,310	2,825	367	935	0	0	31	26	13	0	0	0	0	68	0
Bird Creek	335	439	0	279	0	0	268	55	13	23	0	0	0	0	24
Campbell Creek	1,235	1,294	270	294	0	21	0	0	141	54	0	0	0	0	0
Twentymile River	327	834	0	787	0	55	17	51	28	0	0	0	0	0	0
Placer River	177	273	0	529	0	0	0	0	0	0	0	0	0	0	0
Ingram Creek	108	127	0	34	0	22	155	0	0	0	0	0	0	0	0
Eagle River	242	287	23	45	0	11	0	33	166	0	0	0	0	0	0
FRESHWATER TOTAL	3,718	5,429	466	1,490	2,568	69	310	92	1,474	4,516	62	218	0	68	24
GRAND TOTAL	3,719	5,425	467	1,493	2,568	107	323	92	1,472	4,516	62	218	0	3,512	24

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 Appendix C3 for common names and species abbreviations.

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

Appendix A75.–Susitna River Drainage sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	LS	RS	PS	CS	LT	DV AC	RT	GR	WF	NP	BB	Other[b]
Chulitna/East Susitna Drainages:																	
Birch Creek	384	712	881	12	223	0	33	0	0	0	0	47	0	45	0	0	0
Byers Creek	265	232	2,550	0	34	0	44	0	0	0	0	12	0	0	0	0	0
Caswell Creek	745	570	902	23	189	0	0	16	0	0	0	0	57	0	0	10	0
Chulitna River	301	618	824	0	39	0	0	0	14	0	0	46	0	0	0	0	0
Goose Creek	1,229	1,556	2,645	335	248	0	0	15	0	0	0	70	181	0	0	0	0
Indian River	361	820	1,489	52	201	0	0	0	28	0	0	58	68	0	0	0	0
Kashwitna River	814	1,005	1,906	125	251	0	0	0	0	0	92	0	0	0	0	10	0
Little Willow Creek	2,542	2,790	5,031	445	1,290	0	45	44	43	0	0	23	11	0	0	0	0
Montana Creek	10,375	12,287	22,860	1,071	4,866	0	336	1,401	702	0	0	0	0	0	0	18	0
Sheep Creek	5,364	6,376	10,310	914	2,636	0	20	626	1,022	0	30	58	68	0	0	38	0
Sunshine Creek	1,709	1,852	2,820	25	2,070	0	109	91	16	0	0	0	0	0	0	71	0
Talkeetna River / Clear Creek	9,761	11,549	19,632	2,473	4,454	0	2,399	419	493	0	676	157	16	15	0	0	0
Troublesome Creek	680	764	1,442	0	0	0	0	98	0	0	0	85	0	19	0	0	0
Willow Creek	11,902	16,441	26,722	2,818	2,981	0	110	611	201	0	27	144	0	0	0	0	0
Other Streams - Chulitna / East Susitna Drainage	617	464	942	180	313	0	0	0	0	0	0	58	219	0	0	0	0
Unspecified Streams - Chulitna / East Susitna Drainage	567	616	914	25	284	0	11	0	28	0	15	14	82	0	0	0	0
Flat Horn Lake	397	393	528	0	0	0	0	0	0	0	0	0	0	15	1,665	0	0
Byers Lake	330	203	461	0	0	0	0	0	0	30	0	0	0	0	0	0	0
Other Lakes - Chulitna / East Susitna Drainage	908	1,739	2,846	0	0	25	0	0	0	130	253	1,023	68	0	91	0	0
Unspecified Lakes - Chulitna / East Susitna Drainage	497	981	1,984	0	405	0	0	0	0	434	0	129	205	0	0	91	0
Total Chulitna/East Susitna Drainages	36,892	61,968	107,689	8,498	20,484	25	3,107	3,321	2,547	594	1,093	1,924	975	94	1,756	238	0
West Susitna Drainages:																	
Susitna River	795	776	1,287	58	291	0	249	70	0	0	0	0	16	0	13	10	0
Alexander Creek	1,573	2,336	5,679	1,294	1,827	0	0	417	256	0	0	0	0	57	547	0	0
Lake Creek	4,966	9,063	20,898	3,657	6,106	0	1,977	1,168	197	0	0	587	141	41	25	0	0
Deshka River (Kroto Creek) above weir	2,711	3,613	6,544	1,275	983	0	99	98	0	0	13	850	79	75	336	10	0
Deshka River (Kroto Creek) below weir	9,461	12,507	22,109	7,775	3,457	0	55	151	51	0	0	88	0	0	0	20	8
Fish Lake Creek and Fish Lakes (Yentna Drainage)	1,067	1,748	3,594	390	1,880	0	392	244	16	0	0	27	0	0	329	8	0
Peters Creek	400	316	606	85	149	0	0	14	0	0	0	23	11	0	0	0	0
Talachulitna River	1,185	1,352	3,631	344	959	0	339	0	0	0	98	0	11	0	0	0	0
Yentna River Drainage	1,093	1,866	3,319	523	1,283	0	247	130	0	60	13	0	0	45	1,604	212	0
Other Streams - West Susitna Drainage	783	1,066	1,668	12	711	0	0	0	0	0	0	27	0	0	68	50	0
Unspecified Sites - West Susitna Drainages	501	616	948	281	139	0	0	0	0	49	0	27	33	0	462	0	16
Alexander Lake	632	547	1,174	0	0	0	0	0	0	0	0	0	0	0	617	10	0
Other Lakes - West Susitna Drainage	261	600	1,264	0	0	0	0	0	0	0	0	0	0	0	1,101	0	0
Total West Susitna Drainages	22,219	36,406	72,721	15,694	17,785	0	3,358	2,292	520	109	124	1,629	291	218	5,102	320	24
Upper Susitna Drainages:																	
Other Streams Upper Susitna Drainage	331	532	819	0	0	0	0	0	0	332	0	0	570	0	0	0	0
Lake Louise (off Glenn Highway)	1,448	2,252	4,658	0	0	0	0	0	0	770	0	0	249	323	75	317	1,629
Susitna Lake	332	813	1,236	0	0	0	0	0	0	30	0	0	0	0	0	91	0
Other Lakes Upper Susitna Drainage	130	96	177	0	0	0	0	0	0	15	13	0	0	0	0	10	0
Total Upper Susitna Drainages	2,127	3,693	6,890	0	0	0	0	0	0	1,147	13	0	819	323	75	418	1,629
TOTAL	56,143	102,067	187,300	24,192	38,269	25	6,465	5,613	3,067	1,850	1,230	3,553	2,085	635	6,933	976	1,653

Note: Susitna River Drainage (Area M): All drainages of the Susitna River. This includes Deshka, Yentna and Chulitna drainages in the west, Kashwitna, Talkeetna, Oshetna and Tyone rivers, and Lake Louise to the east. Includes Willow, Deception, Caswell, Montana, Sunshine, Clear, Sheep and Little Willow creeks and Kashwitna, Benka, and Byers lakes, Talkeetna River, Oshetna River, Lake Louise, Deshka, Talachulitna, and Tyone rivers, and Susitna Lake and others. Does not include Little Susitna River (area K), and does not include Summit Lake (area U).

Note: Refer to Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

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

Appendix A76.– Susitna River Drainage standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	LS	RS	PS	CS	LT	DV AC	RT	GR	WF	NP	BB	Other[a]
Chulitna/East Susitna Drainages:																
Birch Creek	228	333	11	113	0	23	0	0	0	0	45	0	43	0	0	0
Byers Creek	79	2,062	0	26	0	30	0	0	0	0	11	0	0	0	0	0
Caswell Creek	117	211	24	93	0	0	17	0	0	0	0	55	0	0	10	0
Chulitna River	358	383	0	37	0	0	0	14	0	0	33	0	0	0	0	0
Goose Creek	310	597	135	122	0	0	15	0	0	0	44	131	0	0	0	0
Indian River	380	720	39	131	0	0	0	27	0	0	46	65	0	0	0	0
Kashwitna River	235	562	46	127	0	0	0	0	0	77	0	0	0	0	10	0
Little Willow Creek	454	998	147	389	0	36	32	24	0	0	16	12	0	0	0	0
Montana Creek	1,053	2,679	182	864	0	179	481	194	0	0	0	0	0	0	13	0
Sheep Creek	789	1,319	185	581	0	14	234	390	0	31	30	56	0	0	32	0
Sunshine Creek	315	486	17	498	0	88	74	17	0	0	0	0	0	0	62	0
Talkeetna River / Clear Creek	1,093	1,834	310	641	0	596	145	155	0	247	72	17	15	0	0	0
Troublesome Creek	199	400	0	0	0	0	71	0	0	0	59	0	19	0	0	0
Willow Creek	1,190	2,753	373	492	0	51	180	63	0	27	61	0	0	0	0	0
Other Streams - Chulitna / East Susitna Drainage	117	285	123	329	0	0	0	0	0	0	59	136	0	0	0	0
Unspecified Streams - Chulitna / East Susitna Drainage	280	316	17	173	0	11	0	27	0	15	14	47	0	0	0	0
Flat Horn Lake	123	164	0	0	0	0	0	0	0	0	0	0	15	639	0	0
Byers Lake	63	163	0	0	0	0	0	0	22	0	0	0	0	0	0	0
Other Lakes - Chulitna / East Susitna Drainage	411	692	0	0	27	0	0	0	80	173	283	49	0	86	0	0
Unspecified Lakes - Chulitna / East Susitna Drainage	716	1,439	0	430	0	0	0	0	345	0	66	207	0	0	92	0
Total Chulitna/East Susitna Drainages	2,660	5,790	605	1,618	27	629	609	468	357	327	328	309	53	645	119	0
West Susitna Drainages:																
Susitna River	212	374	25	130	0											
Alexander Creek	658	1,811	312	995	0	214	46	0	0	0	0	16	0	13	10	0
Lake Creek	1,743	4,186	453	1,118	0	0	365	251	0	0	0	0	62	241	0	0
Deshka River (Kroto Creek) above weir	520	1,038	269	327	0	551	686	106	0	0	208	97	39	18	0	0
Deshka River (Kroto Creek) below weir	925	2,105	685	684	0	60	60	0	0	14	412	63	54	164	10	0
Fish Lake Creek and Fish Lakes (Yentna Drainage)	434	723	141	703	0	40	93	51	0	0	65	0	0	0	20	8
Peters Creek	88	186	49	78	0	203	245	16	0	0	27	0	0	177	9	0
Talachulitna River	340	794	94	287	0	0	14	0	0	0	24	12	0	0	0	0
Yentna River Drainage	432	733	174	333	0	228	0	0	0	64	0	11	0	0	0	0
Other Streams West Susitna Drainage	263	422	12	248	0	145	113	0	44	13	0	0	45	848	100	0
Unspecified Sites - West Susitna Drainages	194	322	116	87	0	0	0	0	0	0	26	0	0	68	49	0
Alexander Lake	122	490	0	0	0	0	0	0	36	0	27	33	0	291	0	16
Other Lakes - West Susitna Drainage	296	822	0	0	0	0	0	0	0	0	0	0	0	231	10	0
Total West Susitna Drainages	2,401	5,547	978	1,932	0	0	0	0	0	0	0	0	0	468	0	0
Upper Susitna Drainages:																
Other Streams Upper Susitna Drainage	291	327	0	0	0	0	0	0	308	0	0	205	0	0	0	0
Lake Louise (off Glenn Highway)	555	1,028	0	0	0	0	0	0	215	0	0	143	155	77	162	1,696
Susitna Lake	354	477	0	0	0	0	0	0	31	0	0	0	0	0	65	0
Other Lakes Upper Susitna Drainage	37	74	0	0	0	0	0	0	15	14	0	0	0	0	10	0
Total Upper Susitna Drainage	706	1,167	0	0	0	0	0	0	372	14	0	251	155	77	172	1,696
TOTAL	3,693	8,065	1,168	2,567	27	932	1,032	543	533	332	573	414	192	1,295	239	1,696

Note: Susitna River Drainage (Area M): All drainages of the Susitna River. This includes Deshka, Yentna and Chulitna drainages in the west, Kashwitna, Talkeetna, Oshetna and Tyone rivers, and LaKe Louise to the east. Includes Willow, Deception, Caswell, Montana, Sunshine, Clear, Sheep and Little Willow creeks and Kashwitna, Benka, and Byers lakes, Talkeetna River, Oshetna River, Lake Louise, Deshka, Talachulitna, and Tyone rivers, and Susitna Lake and others. 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.

Note: Refer to Appendix C3 for common names and species abbreviations.

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

Appendix A77.–Westside Cook Inlet sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DV AC	RT	GR	WF	NP	BB	SM	HA	SK	LC	PC	RCL	Other[b]
SALTWATER:																						
Upper Cook Inlet (Boat Sites North of Chinitna Point)	513	339	632	0	52	0	0	0	0	0	0	0	0	0	0	0	855	0	42	38	0	0
Lower Cook Inlet (Boat Sites South of Chinitna Point)	439	410	896	13	104	0	0	0	0	0	0	0	0	0	0	0	966	0	0	15	0	0
Boat - Other	100	81	100	0	39	0	0	0	0	0	0	0	0	0	0	0	95	0	0	0	0	0
Shoreline - Upper Cook Inlet	116	69	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,544	0
Shoreline - Lower Cook Inlet	47	139	394	0	153	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0
Razor Clams: Polly Creek Beach/Crescent River Bar	491	321	608	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17,639	0
Shoreline - Other	84	151	182	0	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,093	0
SALTWATER TOTAL	1,697	1,510	2,929	13	410	0	0	0	0	60	0	0	0	0	0	0	1,916	0	42	53	24,276	0
FRESHWATER:																						
Chuitna River	1,113	1,245	2,165	333	1,655	23	0	0	0	0	66	16	0	0	0	0	0	0	0	0	0	0
Kustatan River	1,836	2,162	2,854	71	3,984	89	124	0	0	30	12	0	0	0	0	0	0	0	0	0	0	0
Theodore River	447	641	828	0	645	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silver Salmon Creek	601	586	1,203	0	1,389	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Sites between North Forelands and Susitna Drainage	979	1,433	2,135	378	835	294	0	0	15	93	23	65	0	55	0	0	0	0	0	0	0	0
Wolverine Creek and Big River	3,258	1,957	3,322	0	2,648	2,793	33	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0
Other Sites - South of North Forelands	1,032	995	1,482	0	3,510	23	0	84	16	125	0	0	0	0	0	0	0	0	0	0	0	98
Other Streams	530	432	743	0	1,103	101	0	0	0	15	12	98	0	0	0	0	0	0	0	0	0	0
Other Lakes	48	134	148	0	0	0	0	0	0	0	64	0	0	438	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	8,386	9,585	14,880	782	15,769	3,323	157	84	31	308	177	179	0	493	0	0	0	0	0	0	0	98
GRAND TOTAL	9,672	11,095	17,809	795	16,179	3,323	157	84	31	368	177	179	0	493	0	0	1,916	0	42	53	24,276	98

Note: West Side Cook Inlet Area (Area N): All drainages emptying into Cook Inlet south of the Susitna River Drainage to Cape Douglas and including Kamishak Bay and other associated saltwater. Includes Chuitna, Theodore, and Lewis rivers, Wolverine, Alexander, Polly, and Lake creeks, Big River Lakes, Shell and Judd lakes, and others.

Note: Refer to Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

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

Appendix A78.–Westside Cook Inlet standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DV AC	RT	GR	WF	NP	BB	SM	HA	SK	LC	PC	RCL	Other[a]
SALTWATER:																					
Upper Cook Inlet (Boat Sites North of Chinitna Point)	89	165	0	55	0	0	0	0	0	0	0	0	0	0	0	238	0	43	28	0	0
Lower Cook Inlet (Boat Sites South of Chinitna Point)	131	408	13	82	0	0	0	0	0	0	0	0	0	0	0	453	0	0	14	0	0
Boat - Other	34	42	0	39	0	0	0	0	0	0	0	0	0	0	0	49	0	0	0	0	0
Shoreline - Upper Cook Inlet	31	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,508	0
Shoreline - Lower Cook Inlet	121	363	0	147	0	0	0	0	58	0	0	0	0	0	0	0	0	0	0	0	0
Razor Clams: Polly Creek Beach/Crescent River	89	191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,414	0
Shoreline - Other	101	112	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,251	0
SALTWATER TOTAL	244	609	13	187	0	0	0	0	58	0	0	0	0	0	0	529	0	43	32	7,848	0
FRESHWATER:																					
Chuitna River	347	507	130	583	23	0	0	0	0	54	17	0	0	0	0	0	0	0	0	0	0
Kustatan River	331	448	59	638	62	92	0	0	30	12	0	0	0	0	0	0	0	0	0	0	0
Theodore River	186	229	0	262	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silver Salmon Creek	136	298	0	326	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Sites between North Forelands and Susitna Drainage	393	522	185	390	140	0	0	15	82	24	68	0	53	0	0	0	0	0	0	0	0
Wolverine Creek and Big River	214	351	0	441	448	33	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0
Other Sites - South of North Forelands	199	298	0	2,126	23	0	82	17	86	0	0	0	0	0	0	0	0	0	0	0	91
Other Streams	121	205	0	609	59	0	0	0	15	11	97	0	0	0	0	0	0	0	0	0	0
Other Lakes	97	99	0	0	0	0	0	0	0	65	0	0	319	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	721	1,048	230	2,576	485	98	82	23	131	87	118	0	323	0	0	0	0	0	0	0	91
GRAND TOTAL	765	1,224	230	2,594	485	98	82	23	145	87	118	0	323	0	0	529	0	43	32	7,848	91

Note: West Side Cook Inlet Area (Area N): All drainages emptying into Cook Inlet south of the Susitna River Drainage to Cape Douglas and including Kamishak Bay and other associated saltwater. Includes Chuitna, Theodore, and Lewis rivers, Wolverine, Alexander, Polly, and Lake creeks, Big River Lakes, Shell and Judd 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 Appendix C3 for common names and species abbreviations.

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

Appendix A79.–Kenai River sport fish freshwater nonguided harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KSP[b]	KSA[b]	SSP[c]	SSA[c]	RS	PS	CS	LT	DV AC	SH	RT	GR	WF	NP	SM	Other[d]
Kenai River - Cook Inlet to Soldotna Bridge	36,058	85,039	140,373	1,956	5,361	21,587	10,725	98,186	7,160	14	0	1,596	0	1,316	277	30	0	23,159	0
Kenai River - Soldotna Bridge to Moose River	25,456	49,420	88,090	565	958	7,381	3,119	102,986	6,546	46	0	1,966	0	844	0	0	58	15,893	16
Kenai River - Moose River to Skilak Outlet	11,284	26,502	47,572	0	281	2,852	1,415	41,101	742	14	64	1,099	0	792	0	30	0	2,033	0
Kenai River - Skilak Inlet to Kenai Lake	14,567	27,620	44,081	37	124	2,360	700	26,398	472	0	0	304	0	0	0	44	0	0	0
Kenai River - Reach not specified	2,770	3,559	5,804	0	309	553	378	5,496	581	0	16	258	0	50	0	0	0	0	0
TOTAL	77,057	192,140	325,920	2,558	7,033	34,733	16,337	274,167	15,501	74	80	5,223	0	3,002	277	104	58	41,085	16

Note: Kenai Peninsula (Area P), subarea Kenai River: 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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

[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.

Appendix A80.–Kenai River standard errors of sport fish freshwater nonguided harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KSP[a]	KSA[a]	SSP[b]	SSA[b]	RS	PS	CS	LT	DV AC	SH	RT	GR	WF	NP	SM	Other[b]
Kenai River - Cook Inlet to Soldotna Bridge	4,351	7,468	213	490	2,441	1,240	7,045	1,237	14	0	366	0	446	208	21	0	11,552	0
Kenai River - Soldotna Bridge to Moose River	2,850	5,057	120	168	1,000	553	6,784	3,150	27	0	424	0	179	0	0	47	11,631	16
Kenai River - Moose River to Skilak Outlet	2,844	5,015	0	85	570	331	4,662	280	14	65	302	0	283	0	30	0	1,361	0
Kenai River - Skilak Inlet to Kenai Lake	2,138	3,338	29	76	613	211	2,990	298	0	0	134	0	0	0	33	0	0	0
Kenai River - Reach not specified	456	788	0	80	157	154	1,238	509	0	16	92	0	36	0	0	0	0	0
TOTAL	6,523	11,498	251	540	2,779	1,433	11,403	3,442	33	67	662	0	563	208	49	47	16,546	16

Note: Note: Kenai Peninsula (Area P), subarea Kenai River: 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 Appendix C3 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.

Appendix A81.–Kenai River sport fish freshwater guided harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KSP[b]	KSA[b]	SSP[c]	SSA[c]	RS	PS	CS	LT	DV AC	SH	RT	GR	WF	NP	SM	Other[d]
Kenai River - Cook Inlet to Soldotna Bridge	16,605	16,840	25,829	897	5,532	8,019	1,285	7,335	3,527	49	0	163	0	136	0	0	0	0	0
Kenai River - Soldotna Bridge to Moose River	7,672	7,650	12,090	499	1,305	1,764	936	8,062	472	0	0	163	0	134	0	0	0	0	0
Kenai River - Moose River to Skilak Outlet	2,396	1,918	3,616	0	200	640	819	1,388	179	0	0	121	0	39	0	0	0	0	0
Kenai River - Skilak Inlet to Kenai Lake	3,937	3,682	5,733	0	13	373	168	2,787	16	0	0	148	0	0	0	0	0	0	0
Kenai River - Reach not specified	1,680	1,465	2,182	0	246	582	259	299	618	0	0	0	0	0	0	0	0	0	16
TOTAL	29,624	31,555	49,450	1,396	7,296	11,378	3,467	19,871	4,812	49	0	595	0	309	0	0	0	0	16

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 Appendix A3 for common names and species abbreviations.

[a] King salmon harvested prior to July 1; coho salmon harvested prior to September 1.

[b] King salmon harvested after and including July 1; coho salmon harvested after and including September 1.

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

[d] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

Appendix A82.–Kenai River standard errors of sport fish freshwater guided harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Fished	KSP[a]	KSA[a]	SSP[b]	SSA[b]	RS	PS	CS	LT	AC	SH	RT	GR	WF	NP	SM	Other[c]
Kenai River - Cook Inlet to Soldotna Bridge	966	1,413	141	390	1,142	230	1,219	1,025	50	0	63	0	49	0	0	0	0	0
Kenai River - Soldotna Bridge to Moose River	723	1,019	108	183	312	229	1,333	218	0	0	64	0	68	0	0	0	0	0
Kenai River - Moose River to Skilak Outlet	239	518	0	107	317	327	382	135	0	0	78	0	23	0	0	0	0	0
Kenai River - Skilak Inlet to Kenai Lake	386	680	0	14	139	73	615	17	0	0	74	0	0	0	0	0	0	0
Kenai River - Reach not specified	223	328	0	72	185	77	154	500	0	0	0	0	0	0	0	0	0	16
TOTAL	1,301	2,010	175	451	1,285	477	1,974	1,173	50	0	141	0	87	0	0	0	0	16

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 Appendix A3 for common names and species abbreviations.

[a] King salmon harvested prior to July 1; coho salmon harvested prior to September 1.

[b] King salmon harvested after and including July 1; coho salmon harvested after and including September 1.

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

Appendix A83.–Kenai Peninsula Area sport fish freshwater harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	LS	RS	PS	CS	LT	DV AC	SH	RT	GR	WF	NP	BB	SM	Other[b]
Anchor River	8,054	12,611	20,452	1,561	4,383	0	11	146	33	0	736	0	0	0	0	0	0	0	0
Ninilchik River	4,310	6,548	10,500	1,240	3,425	0	470	49	0	0	136	0	0	0	0	0	0	0	0
Deep Creek	4,810	7,018	10,575	823	2,474	0	45	0	0	0	268	0	0	0	0	0	0	0	16
Resurrection Creek	2,246	1,592	3,116	0	138	0	0	2,087	109	16	58	0	0	0	0	0	0	0	0
Quartz Creek	3,413	4,818	6,589	0	34	0	88	0	0	0	342	0	0	0	0	0	0	0	0
Sixmile Creek Drainage	615	961	1,297	0	582	0	0	15	16	0	0	0	11	0	0	0	0	0	0
Kenai River (reach and guided/non-guided not specified)	350	600	943	52	37	0	755	325	0	0	27	0	0	0	0	0	0	0	24
Russian River	25,064	33,813	60,784	0	6,574	0	55,144	1,222	0	0	324	0	49	0	0	0	0	0	0
Kasilof River - Nonguided Bank Fishing	7,719	11,371	18,635	1,602	1,651	0	5,101	0	0	211	442	0	26	0	0	0	0	0	0
Kasilof River - Nonguided Boat Fishing	2,470	2,970	4,272	746	890	0	1,395	79	0	0	0	0	0	0	0	0	0	0	0
Kasilof River - Guided Bank Fishing	465	394	874	26	732	0	88	92	0	0	0	0	0	0	0	0	0	0	0
Kasilof River - Guided Boat Fishing	5,084	3,446	5,829	1,911	944	0	823	16	0	0	43	0	27	0	30	0	0	0	8
Ptarmigan Creek	534	424	687	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	0
Swanson River	1,313	2,098	2,878	0	1,466	0	252	98	0	0	99	0	373	0	0	0	0	0	0
Other Streams	3,058	4,488	7,256	126	1,643	0	2,650	629	100	16	756	0	208	34	0	0	0	0	33
Swanson River Canoe Route Lakes	413	334	762	0	45	0	0	0	0	0	13	0	482	0	0	0	0	0	0
Swan Lake Canoe System	363	271	580	0	0	0	0	0	0	0	0	0	231	0	0	0	0	0	0
Hidden Lake	1,180	1,079	1,902	0	0	0	437	0	0	482	40	0	72	0	0	0	0	0	0
Crescent Lake	763	599	1,104	0	0	0	0	0	0	0	0	0	171	101	0	0	0	0	0
Johnson Lake	600	452	935	0	0	0	0	0	0	0	0	0	717	0	0	0	0	0	0
Skilak Lake	863	1,425	2,460	13	39	13	276	0	0	529	152	0	436	0	0	0	0	0	0
Summit Lake	530	447	1,153	0	0	0	0	0	0	0	904	0	482	0	0	0	0	0	0
Tustumena Lake	697	657	972	0	248	0	0	0	0	151	106	0	105	0	0	0	0	0	0
Elephant Lake	478	478	653	0	0	1,794	0	0	0	0	0	0	420	0	0	0	0	0	49
Other Lakes	3,405	4,897	8,301	0	416	517	91	0	0	314	1,002	0	1,667	739	15	2,263	0	0	0
TOTAL	59,093	103,791	173,509	8,100	25,721	2,324	67,626	4,758	258	1,719	5,516	0	5,477	874	45	2,263	0	0	130

Note: Kenai Peninsula (Area P): All freshwater of the Kenai Peninsula bounded on the north by Turnagain Arm and including the Granite Creek drainage; on the west by Cook Inlet and 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.

Note: Refer to Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

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

Appendix A84.–Kenai Peninsula Area standard errors of sport fish freshwater harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	LS	RS	PS	CS	LT	DV AC	SH	RT	GR	WF	NP	BB	SM	Other[a]
Anchor River	1,168	1,935	198	722	0	11	105	32	0	190	0	0	0	0	0	0	0	0
Ninilchik River	844	1,464	224	1,639	0	340	47	0	0	100	0	0	0	0	0	0	0	0
Deep Creek	906	1,265	149	494	0	47	0	0	0	109	0	0	0	0	0	0	0	17
Resurrection Creek	231	505	0	89	0	0	631	71	15	30	0	0	0	0	0	0	0	0
Quartz Creek	628	865	0	35	0	70	0	0	0	159	0	0	0	0	0	0	0	0
Sixmile Creek Drainage	442	476	0	431	0	0	14	17	0	0	0	11	0	0	0	0	0	0
Kenai River (reach and guided/non-guided not specified)	246	453	31	29	0	328	314	0	0	26	0	0	0	0	0	0	0	24
Russian River	1,878	4,818	0	905	0	3,745	463	0	0	113	0	25	0	0	0	0	0	0
Kasilof River - Nonguided Bank Fishing	987	2,049	272	423	0	1,054	0	0	128	174	0	17	0	0	0	0	0	0
Kasilof River - Nonguided Boat Fishing	479	942	145	293	0	657	55	0	0	0	0	0	0	0	0	0	0	0
Kasilof River - Guided Bank Fishing	125	420	19	624	0	69	52	0	0	0	0	0	0	0	0	0	0	0
Kasilof River - Guided Boat Fishing	294	610	230	232	0	565	16	0	0	25	0	27	0	30	0	0	0	8
Ptarmigan Creek	124	185	0	0	0	0	0	0	0	56	0	0	0	0	0	0	0	0
Swanson River	471	540	0	404	0	223	80	0	0	77	0	172	0	0	0	0	0	0
Other Streams	725	1,132	55	474	0	595	342	87	16	265	0	124	34	0	0	0	0	31
Swanson River Canoe Route Lakes	99	226	0	32	0	0	0	0	0	14	0	193	0	0	0	0	0	0
Swan Lake Canoe System	72	167	0	0	0	0	0	0	0	0	0	114	0	0	0	0	0	0
Hidden Lake	240	438	0	0	0	260	0	0	186	29	0	37	0	0	0	0	0	0
Crescent Lake	164	332	0	0	0	0	0	0	0	0	0	126	57	0	0	0	0	0
Johnson Lake	131	285	0	0	0	0	0	0	0	0	0	330	0	0	0	0	0	0
Skilak Lake	502	989	13	38	13	158	0	0	290	106	0	347	0	0	0	0	0	0
Summit Lake	165	460	0	0	0	0	0	0	0	796	0	176	0	0	0	0	0	0
Tustumena Lake	225	296	0	153	0	0	0	0	152	69	0	98	0	0	0	0	0	0
Elephant Lake	144	177	0	0	726	0	0	0	0	0	0	159	0	0	0	0	0	48
Other Lakes	779	1,328	0	242	239	70	0	0	133	281	0	344	390	14	2,135	0	0	0
TOTAL	3,413	6,701	510	2,328	750	4,181	938	119	398	970	0	738	398	34	2,135	0	0	64

Note: Kenai Peninsula (Area P): All freshwater of the Kenai Peninsula bounded on the north by Turnagain Arm and including the Granite Creek drainage; on the west by Cook Inlet and 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.

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 Appendix A3 for common names and species abbreviations.

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

Appendix A85.–Kenai Peninsula Area sport fish saltwater harvest and effort estimates by fisheries for finfish species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KSP[b]	KSA[b]	SS	RS	PS	CS	DV AC	SH	SM	HA	SK	RF	LC	PC	Other[c]
SALTWATER CHARTER BOAT:																		
Cook Inlet North of Bluff Point	25,610	21,024	31,511	2,249	775	2,505	270	248	33	136	0	39	48,895	58	260	95	555	122
Kachemak Bay including Bluff Point to Seldovia	20,246	14,784	23,375	2,198	383	3,917	252	717	44	200	0	77	32,946	17	1,402	277	80	16
Lower Cook Inlet West of Gore Point	21,283	16,073	24,051	1,132	12	4,255	113	417	79	45	0	38	40,656	27	3,327	1,695	336	407
Unpecified Cook Inlet/Kachemak Bay	1,688	1,736	2,454	185	24	121	0	0	0	0	0	0	3,370	0	146	57	8	0
CHARTER BOAT TOTAL	66,500	53,617	81,391	5,764	1,194	10,798	635	1,382	156	381	0	154	125,867	102	5,135	2,124	979	545
SALTWATER PRIVATE BOAT:																		
Cook Inlet North of Bluff Point	12,313	21,033	32,798	1,631	764	1,495	100	296	0	30	0	1,343	34,385	69	308	296	547	114
Kachemak Bay including Bluff Point to Seldovia	15,179	21,143	37,681	2,078	1,439	4,372	1,416	1,634	13	160	0	255	30,829	26	2,809	331	1,707	97
Lower Cook Inlet West of Gore Point	6,505	9,340	14,534	284	178	2,586	201	226	0	0	0	58	17,265	9	1,488	447	286	8
Boat - Unpecified Cook Inlet/Kachemak Bay	578	1,676	2,065	58	33	174	403	0	0	30	8	0	1,393	0	16	71	0	163
PRIVATE BOAT TOTAL	31,300	53,192	87,078	4,051	2,414	8,627	2,120	2,156	13	220	8	1,656	83,872	104	4,621	1,145	2,540	382
BOAT TOTAL	95,579	106,809	168,469	9,815	3,608	19,425	2,755	3,538	169	601	8	1,810	209,739	206	9,756	3,269	3,519	927
SALTWATER SHORELINE:																		
Cook Inlet North of Bluff Polnt	782	1,132	1,659	13	121	237	533	33	0	0	0	357	0	0	0	0	0	350
Other Lower Cook Inlet/Kachemak Bay Shore excl. Homer Spit	711	667	1,483	99	0	32	55	0	0	535	0	0	0	0	0	0	0	448
Shoreline - Unpecified Cook Inlet/Kachemak Bay	50	54	82	0	0	0	0	0	0	61	0	0	0	0	0	0	0	0
Homer Spit (Kachemak Bay)	12,945	19,819	32,185	3,254	814	21,009	189	130	0	58	0	79	47	0	0	0	16	407
SHORELINE TOTAL	14,278	21,672	35,409	3,366	935	21,278	777	163	0	654	0	436	47	0	0	0	16	1,205
GRAND TOTAL	102,989	128,481	203,878	13,181	4,543	40,703	3,532	3,701	169	1,255	8	2,246	209,786	206	9,756	3,269	3,535	2,132

Note: Kenai Peninsula (Area P): All saltwater of the Kenai Peninsula bounded on the north by Turnagain Arm and including the Granite Creek drainage; on the west by Cook Inlet and 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.

Note: Refer to Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

[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 KSP is Chinook salmon harvested in winter.

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

Appendix A86.–Kenai Peninsula Area standard errors of sport fish saltwater harvest and effort by fisheries for finfish species, 2004.

Area Fished	Trips	Days Fished	KSP[a]	KSA[a]	SS	RS	PS	CS	DV AC	SH	SM	HA	SK	RF	LC	PC	Other[b]
SALTWATER CHARTER BOAT:																	
Cook Inlet North of Bluff Point	913	1,427	242	131	421	123	90	32	72	0	36	2,139	38	117	39	167	74
Kachemak Bay including Bluff Point to Seldovia	711	1,215	334	120	595	139	321	34	97	0	54	1,616	17	497	89	39	12
Lower Cook Inlet West of Gore Point	772	1,174	212	12	597	50	142	45	26	0	27	1,883	21	589	586	151	251
Unpecified Cook Inlet/Kachemak Bay	270	376	85	17	57	0	0	0	0	0	0	503	0	95	39	8	0
CHARTER BOAT TOTAL	1,513	2,373	473	178	925	187	357	64	125	0	71	3,536	48	784	590	231	260
SALTWATER PRIVATE BOAT:																	
Cook Inlet North of Bluff Point	1,675	2,844	262	164	382	59	169	0	31	0	933	2,544	44	145	162	218	96
Kachemak Bay including Bluff Point to Seldovia	1,559	3,562	333	327	747	469	604	12	85	0	170	2,242	18	633	92	527	51
Lower Cook Inlet West of Gore Point	1,014	1,510	73	68	665	106	154	0	0	0	43	1,722	9	429	153	134	8
Boat - Unpecified Cook Inlet/Kachemak Bay	902	934	39	26	107	330	0	0	32	8	0	446	0	16	58	0	163
PRIVATE BOAT TOTAL	2,763	5,084	434	370	1,080	604	653	12	97	8	958	3,952	48	787	244	588	188
BOAT TOTAL	3,151	5,556	640	410	1,416	629	745	66	155	8	963	5,188	66	1,122	628	636	312
SALTWATER SHORELINE:																	
Cook Inlet North of Bluff Polnt	370	486	13	64	104	335	33	0	0	0	358	0	0	0	0	0	321
Other Lower Cook Inlet/Kachemak Bay Shore excl. Homer Spit	175	485	44	0	23	46	0	0	475	0	0	0	0	0	0	0	291
Shoreline - Unpecified Cook Inlet/Kachemak Bay	39	61	0	0	0	0	0	0	63	0	0	0	0	0	0	0	0
Homer Spit (Kachemak Bay)	1,707	3,126	411	199	3,879	71	108	0	36	0	76	48	0	0	0	16	166
SHORELINE TOTAL	1,759	3,208	413	212	3,876	345	113	0	479	0	364	48	0	0	0	16	456
GRAND TOTAL	3,618	6,454	761	467	4,110	704	755	66	504	8	1,041	5,190	66	1,122	628	636	528

Note: Kenai Peninsula (Area P): All saltwater of the Kenai Peninsula bounded on the north by Turnagain Arm and including Granite Creek drainage; on the west by Cook Inlet and 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.

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 Appendix A3 for common names and species abbreviations.

[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.

Appendix A87.–Kenai Peninsula Area sport fish harvest and effort estimates by fisheries for shellfish, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	HCL (gallons)	RCL	Other[b]
Cook Inlet North of Bluff Point	67	28	67	0	512	0
Kachemak Bay	4,610	3,442	6,641	8,399	6,412	1,372
Anchor River to Deep Creek	3,351	2,439	4,080	1,331	63,151	0
Deep Creek to set net access	6,762	5,490	9,035	2,704	191,570	2,721
Clam Gulch (set net access to Kasilof River)	11,005	6,801	16,193	4,202	252,903	849
Shoreline - Other	480	282	836	72	11,081	10
TOTAL	24,297	18,482	36,852	16,708	525,629	4,952

Note: Kenai Peninsula (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: Refer to Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

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

Appendix A88.–Kenai Peninsula Area standard errors of sport fish harvest and effort by fisheries for shellfish, 2004.

Area Fished	Trips	Days Fished	HCL (gals)	RCL	Other[a]
Cook Inlet North of Bluff Point	19	53	0	520	0
Kachemak Bay	330	764	1,351	2,493	648
Anchor River to Deep Creek	345	548	577	8,698	0
Deep Creek to set net access	486	888	1,558	17,080	2227
Clam Gulch (set net access to Kasilof River)	457	1,797	1,844	20,495	639
Shoreline - Other	78	396	56	3,831	10
TOTAL	816	2,252	2,800	27,887	2376

Note: Kenai Peninsula (Area P): All saltwater of the Kenai Peninsula bounded on the north by Turnagain Arm and including Granite Creek drainage; on the west by Cook Inlet and 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 Appendix A3 for common names and species abbreviations.

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

Appendix A89.–Kodiak Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	RS	PS	CS	DV AC	SH	RT	HA	SK	RF	LC	PC	RCL	TC	DC	SHR	Other[b]
SALTWATER:																					
Boat - Chiniak Bay Area	5,915	11,600	17,917	5,415	10,743	287	782	137	43	0	0	10,444	8	3,750	981	826	0	604	124	0	98
Boat - Afognak Island Area	2,252	3,399	7,208	1,515	4,473	165	287	47	55	0	0	3,430	9	1,585	556	629	0	0	0	0	98
Boat - Uyak Bay	647	1,421	2,222	465	2,691	67	376	51	0	17	0	1,544	9	376	98	137	0	151	114	0	0
Boat - Shuyak Area	261	296	650	48	308	0	16	0	48	0	0	510	0	130	133	53	0	0	0	0	0
Boat - Ugak Bay	595	839	1,276	384	1,509	22	129	33	30	0	0	973	0	281	56	13	0	0	0	0	0
Boat - Pauls Bay	215	298	463	25	944	0	0	0	0	0	0	168	0	21	10	8	0	0	0	0	0
Boat - Unspecified Remote Sites	632	1,554	2,016	93	926	78	131	0	136	0	0	1,146	0	433	62	91	0	358	65	0	0
Boat - Other	2,441	3,634	6,301	1,754	5,119	134	173	0	40	0	0	4,535	0	1,246	591	516	0	469	0	0	73
Shoreline - Chiniak Bay Area	698	1,216	1,525	0	290	0	628	0	13	0	0	0	0	22	0	0	0	0	0	0	33
Shoreline - Other	818	1,108	2,105	88	1,752	287	498	28	134	0	0	135	0	0	20	0	0	0	0	0	0
SALTWATER TOTAL	12,576	25,365	41,683	9,787	28,755	1,040	3,020	296	499	17	0	22,885	26	7,844	2,507	2,273	0	1,582	303	0	302
FRESHWATER:																					
Buskin River	4,577	12,000	17,549	66	4,860	1,379	2,028	14	2,792	0	0	0	0	0	0	0	0	0	0	0	0
American River	2,598	3,577	5,730	0	1,283	0	379	70	360	0	0	0	0	0	0	0	0	0	0	0	0
Olds River (or Creek)	2,014	2,961	4,649	0	2,082	0	498	0	40	0	0	0	0	0	0	0	0	0	0	0	0
Pasagshak Drainage	2,229	3,304	6,470	0	2,441	1,691	81	0	70	0	0	0	0	0	0	0	0	0	0	0	0
Red River (Ayakulik)	513	381	1,792	304	561	318	15	0	0	8	0	0	0	0	0	0	0	0	0	0	0
Saltery Cove Drainage	918	1,568	3,526	0	1,071	492	32	0	255	0	0	0	0	0	0	0	0	0	0	0	0
Karluk Lake and River above weir	382	652	1,121	297	297	190	0	0	136	0	0	0	0	0	0	0	0	0	0	0	0
Karluk Lagoon and River below weir	401	831	1,644	393	525	682	0	65	30	0	0	0	0	0	0	0	0	0	0	0	0
Other Road System Streams	1,109	1,525	2,991	39	1,720	23	1,089	56	507	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	1,517	2,616	5,155	377	1,980	2,058	334	98	1,007	39	96	0	0	0	0	0	0	0	0	0	325
Other Lakes	264	438	1,007	0	104	0	0	0	652	0	0	0	0	0	0	0	0	0	0	0	0
Other Road System Lakes	465	561	821	0	422	11	0	0	131	0	291	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	9,798	30,414	52,455	1,476	17,346	6,844	4,456	303	5,980	47	387	0	0	0	0	0	0	0	0	0	325
GRAND TOTAL	17,598	55,779	94,138	11,263	46,101	7,884	7,476	599	6,479	64	387	22,885	26	7,844	2,507	2,273	0	1,582	303	0	627

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

Note: Refer to Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

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

Appendix A90.–Kodiak Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	RS	PS	CS	DV AC	SH	RT	HA	SK	RF	LC	PC	RCL	TC	DC	SHR	Other[a]
SALTWATER:																				
Boat - Chiniak Bay Area	1,388	2,506	886	1,388	95	230	66	33	0	0	1,191	9	820	223	238	0	372	111	0	71
Boat - Afognak Island Area	609	1,440	437	981	93	185	36	32	0	0	536	9	577	191	218	0	0	0	0	97
Boat - Uyak Bay	412	629	256	860	50	307	50	0	16	0	401	9	257	99	105	0	153	81	0	0
Boat - Shuyak Area	110	233	32	145	0	17	0	44	0	0	247	0	100	72	38	0	0	0	0	0
Boat - Ugak Bay	227	316	156	623	22	76	22	31	0	0	261	0	236	40	13	0	0	0	0	0
Boat - Pauls Bay	102	153	18	433	0	0	0	0	0	0	64	0	21	9	8	0	0	0	0	0
Boat - Unspecified Remote Sites	738	779	50	384	51	92	0	122	0	0	305	0	334	28	61	0	324	47	0	0
Boat - Other	689	1,045	345	1,089	111	107	0	39	0	0	611	0	403	196	178	0	438	0	0	53
Shoreline - Chiniak Bay Area	301	386	0	119	0	297	0	13	0	0	0	0	15	0	0	0	0	0	0	33
Shoreline - Other	273	449	59	533	152	313	29	77	0	0	102	0	0	20	0	0	0	0	0	0
SALTWATER TOTAL	1,994	3,424	1,099	2,456	247	603	97	166	16	0	1,598	15	1,182	386	376	0	677	147	0	136
FRESHWATER:																				
Buskin River	1,578	2,287	61	822	364	676	14	1,760	0	0	0	0	0	0	0	0	0	0	0	0
American River	525	1,003	0	246	0	149	59	169	0	0	0	0	0	0	0	0	0	0	0	0
Olds River (or Creek)	562	836	0	496	0	195	0	29	0	0	0	0	0	0	0	0	0	0	0	0
Pasagshak Drainage	558	1,075	0	537	571	82	0	37	0	0	0	0	0	0	0	0	0	0	0	0
Red River (Ayakulik)	98	504	144	240	176	15	0	0	8	0	0	0	0	0	0	0	0	0	0	0
Saltery Cove Drainage	654	1,503	0	342	194	23	0	128	0	0	0	0	0	0	0	0	0	0	0	0
Karluk Lake and River above weir	229	305	112	204	89	0	0	119	0	0	0	0	0	0	0	0	0	0	0	0
Karluk Lagoon and River below weir	246	467	144	264	252	0	67	32	0	0	0	0	0	0	0	0	0	0	0	0
Other Road System Streams	325	779	29	1,002	21	381	58	250	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	564	1,126	206	629	806	138	73	438	33	74	0	0	0	0	0	0	0	0	0	316
Other Lakes	223	515	0	100	0	0	0	447	0	0	0	0	0	0	0	0	0	0	0	0
Other Road System Lakes	140	220	0	179	11	0	0	93	0	144	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	2,074	3,644	316	1,764	1,116	832	128	1,889	34	161	0	0	0	0	0	0	0	0	0	316
GRAND TOTAL	2,812	4,908	1,149	3,039	1,149	1,024	158	1,892	38	161	1,598	15	1,182	386	376	0	677	147	0	343

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 Appendix A3 for common names and species abbreviations.

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

Appendix A91.–Naknek River Drainage-Alaska Peninsula Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DV AC	RT	GR	NP	BB	SM	HA	RF	LC	PC	Other[b]
SALTWATER:																				
Boat - Unalaska Bay	813	3,743	9,877	150	618	356	1,047	225	0	479	0	0	0	0	0	2,129	555	14	565	1,629
Boat - Other	614	2,094	2,633	57	373	501	1,367	0	0	0	0	0	0	0	77	798	335	80	195	0
Shoreline - Other	581	1,451	2,159	27	1,035	116	184	330	0	580	0	0	0	0	0	0	43	0	0	0
SALTWATER TOTAL	1,759	7,288	14,669	234	2,026	973	2,598	555	0	1,059	0	0	0	0	77	2,927	933	94	760	1,629
FRESHWATER:																				
Cold Bay Area (including Russel Creek)	347	1,540	1,783	0	887	790	30	0	453	15	0	0	0	0	0	0	0	0	0	0
Unalaska Bay Streams	384	1,462	3,258	0	474	109	195	210	0	655	0	0	0	0	0	0	0	0	0	0
Other Alaska Peninsula / Aleutian Streams	600	1,370	2,265	468	882	45	0	0	0	109	0	0	0	0	0	0	0	0	0	0
Naknek River above Rapids Camp	1,446	3,772	6,022	199	1,661	828	15	0	0	88	141	0	30	0	0	0	0	0	0	0
Naknek River below Rapids Camp	1,968	7,110	10,934	2,543	4,784	471	684	47	33	57	37	16	0	0	765	0	0	0	0	0
Naknek River and Tributaries	648	931	3,666	262	888	0	33	16	30	227	94	11	0	0	0	0	0	0	0	0
American Creek	558	554	863	0	0	0	0	0	0	316	136	0	0	0	0	0	0	0	0	0
Brooks River	866	2,662	3,317	0	275	996	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ugashik System	379	338	1,017	46	408	452	0	0	0	148	0	0	0	0	0	0	0	0	0	0
Becharof System	463	821	1,427	391	379	163	0	0	0	136	27	65	0	0	0	0	0	0	0	0
Other Streams	550	914	2,180	93	1,001	23	200	16	81	97	0	0	0	0	0	0	0	0	0	0
Naknek Lake	294	515	977	0	0	226	0	0	15	13	14	0	13	0	0	0	0	0	0	0
Other Lakes	266	260	464	27	0	248	0	0	163	27	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	6,261	22,249	38,173	4,029	11,639	4,351	1,157	289	775	1,888	449	92	43	0	765	0	0	0	0	0
GRAND TOTAL	7,436	29,537	52,842	4,263	13,665	5,324	3,755	844	775	2,947	449	92	43	0	842	2,927	933	94	760	1,629

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

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

Appendix A92.–Naknek River Drainage-Alaska Peninsula Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DV AC	RT	GR	NP	BB	SM	HA	RF	LC	PC	Other[a]
SALTWATER:																			
Boat - Unalaska Bay	1,045	4,577	116	269	185	623	160	0	242	0	0	0	0	0	512	231	15	225	1,577
Boat - Other	906	976	35	179	439	1,431	0	0	0	0	0	0	0	77	238	222	48	109	0
Shoreline - Other	617	685	26	519	69	148	293	0	400	0	0	0	0	0	0	42	0	0	0
SALTWATER TOTAL	1,531	4,772	125	601	487	1,568	337	0	454	0	0	0	0	77	565	312	51	249	1,577
FRESHWATER:																			
Cold Bay Area (including Russel Creek)	800	816	0	331	791	29	0	435	15	0	0	0	0	0	0	0	0	0	0
Unalaska Bay Streams	548	1,525	0	191	113	193	210	0	411	0	0	0	0	0	0	0	0	0	0
Other Alaska Peninsula / Aleutian Streams	395	766	180	463	44	0	0	0	71	0	0	0	0	0	0	0	0	0	0
Naknek River above Rapids Camp	1,103	1,597	108	544	347	14	0	0	56	115	0	31	0	0	0	0	0	0	0
Naknek River below Rapids Camp	1,606	2,123	567	1,614	168	337	37	33	40	27	16	0	0	753	0	0	0	0	0
Naknek River and Tributaries	235	1,811	154	501	0	33	16	30	202	83	11	0	0	0	0	0	0	0	0
American Creek	151	214	0	0	0	0	0	0	305	137	0	0	0	0	0	0	0	0	0
Brooks River	1,058	1,099	0	162	550	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ugashik System	92	323	44	258	276	0	0	0	95	0	0	0	0	0	0	0	0	0	0
Becharof System	262	568	285	148	95	0	0	0	76	25	65	0	0	0	0	0	0	0	0
Other Streams	261	636	72	341	23	154	17	73	70	0	0	0	0	0	0	0	0	0	0
Naknek Lake	168	395	0	0	231	0	0	15	14	14	0	13	0	0	0	0	0	0	0
Other Lakes	119	177	26	0	170	0	0	175	27	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	2,521	4,137	688	1,938	1,105	422	215	478	570	201	68	33	0	753	0	0	0	0	0
GRAND TOTAL	2,998	6,504	702	2,014	1,210	1,624	405	478	734	201	68	33	0	758	565	312	51	249	1,577

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: 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 Appendix A3 for common names and species abbreviations.

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

Appendix A93.–Kvichak River Drainage Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DV AC	RT	GR	WF	NP	BB	SM	Other[b]
SALTWATER:																	
Boat - Other	146	121	213	80	261	0	0	0	0	0	0	0	0	0	0	0	49
Shoreline - Other	17	14	17	0	39	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	163	135	230	80	300	0	0	0	0	0	0	0	0	0	0	0	49
FRESHWATER:																	
Kvichak River	1,948	2,836	5,790	27	594	1,350	0	33	151	40	131	78	45	166	101	0	0
Newhalen River	698	1,256	1,842	13	366	2,741	0	33	16	0	89	405	0	0	0	0	0
Alagnak (Branch) River	1,913	3,211	9,028	1,146	1,550	2,121	1,041	241	0	0	27	33	0	38	0	0	0
Copper River (tributary of Iliamna Lake)	599	584	1,349	27	0	73	0	0	0	30	14	0	0	0	0	0	0
Lower Talarik Creek	384	395	438	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kulik River	796	707	1,253	0	39	0	0	0	0	0	136	0	0	0	0	0	0
Moraine Creek	563	705	987	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	250	301	714	0	142	0	0	0	15	30	0	34	0	0	0	0	0
Iliamna Lake	617	615	1,398	0	26	708	0	0	49	205	62	16	60	73	0	0	0
Lake Clark Drainage	865	1,872	2,886	0	65	147	0	0	558	53	27	198	0	274	0	0	0
Other Lakes	200	219	363	0	0	79	0	0	0	0	35	0	30	13	0	0	0
FRESHWATER TOTAL	6,001	12,701	26,048	1,213	2,782	7,219	1,041	307	789	358	521	764	135	564	101	0	0
GRAND TOTAL	6,081	12,836	26,278	1,293	3,082	7,219	1,041	307	789	358	521	764	135	564	101	0	49

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum or sites due to some anglers fishing at more than one site.

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

Appendix A94.–Kvichak River Drainage Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DV AC	RT	GR	WF	NP	BB	SM	Other[a]
SALTWATER:																
Boat - Other	63	120	76	248	0	0	0	0	0	0	0	0	0	0	0	46
Shoreline - Other	14	17	0	40	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	64	121	76	251	0	0	0	0	0	0	0	0	0	0	0	46
FRESHWATER:																
Kvichak River	463	844	27	237	445	0	32	97	30	83	45	45	123	101	0	0
Newhalen River	331	539	13	254	1,389	0	33	17	0	56	337	0	0	0	0	0
Alagnak (Branch) River	885	1,985	281	861	551	513	141	0	0	26	31	0	37	0	0	0
Copper River (tributary of Iliamna Lake)	132	354	27	0	51	0	0	0	31	14	0	0	0	0	0	0
Lower Talarik Creek	108	114	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kulik River	138	260	0	39	0	0	0	0	0	127	0	0	0	0	0	0
Moraine Creek	168	226	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	136	408	0	134	0	0	0	15	31	0	33	0	0	0	0	0
Iliamna Lake	229	518	0	26	322	0	0	48	155	44	16	60	48	0	0	0
Lake Clark Drainage	442	669	0	47	109	0	0	243	53	19	97	0	172	0	0	0
Other Lakes	94	175	0	0	69	0	0	0	0	36	0	31	13	0	0	0
FRESHWATER TOTAL	1,182	2,402	284	950	1,597	513	147	266	173	177	358	82	218	101	0	0
GRAND TOTAL	1,182	2,403	293	979	1,597	513	147	266	173	177	358	82	218	101	0	46

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 Appendix A3 for common names and species abbreviations.

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

Appendix A95.–Nushagak Area sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DV AC	RT	GR	WF	NP	BB	SM	Other[b]
SALTWATER:																	
Boat - Other	183	585	746	186	26	0	0	0	0	0	0	0	0	0	0	0	41
Shoreline - Other	17	14	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	183	599	828	186	26	0	0	0	0	0	0	0	0	0	0	0	41
FRESHWATER:																	
Nushagak River - Black Point upstream to Sonar Site	1,458	2,126	4,765	2,567	217	20	211	476	0	0	0	0	0	85	0	135	0
Nushagak River - Sonar Site to Outlet of Mulchatna	2,278	3,050	8,549	3,409	1,609	232	335	795	0	285	41	674	47	73	0	0	0
Nushagak River - upstream from mouth of Mulchatna R.	582	1,279	2,633	187	405	0	0	0	0	277	109	651	0	63	0	0	0
Nushagak River System	881	1,379	2,922	610	583	0	15	46	0	280	14	182	0	0	0	0	0
Wood River Lakes System	2,283	7,425	13,069	87	851	618	387	14	0	2,888	670	296	30	634	0	0	0
Togiak River System	1,084	3,026	6,409	1,388	2,321	485	342	114	15	501	102	49	0	25	0	0	0
Other Streams	334	424	1,250	40	114	23	0	33	0	53	0	34	0	0	0	0	0
Mulchatna River	449	522	2,218	40	204	67	75	0	49	273	37	154	0	0	0	0	0
Tikchik-Nuyakuk Lake System	782	1,393	2,899	93	418	0	0	0	195	341	0	114	0	151	0	0	0
Other Lakes	200	273	469	0	78	0	0	0	0	0	0	0	0	113	0	0	0
FRESHWATER TOTAL	7,489	20,897	45,183	8,421	6,800	1,445	1,365	1,478	259	4,898	973	2,154	77	1,144	0	135	0
GRAND TOTAL	7,539	21,496	46,011	8,607	6,826	1,445	1,365	1,478	259	4,898	973	2,154	77	1,144	0	135	41

Note: Nushagak (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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

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

Appendix A96.–Nushagak Area standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DV AC	RT	GR	WF	NP	BB	SM	Other[a]
SALTWATER:																
Boat - Other	407	427	159	26	0	0	0	0	0	0	0	0	0	0	0	41
Shoreline - Other	14	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	407	432	159	26	0	0	0	0	0	0	0	0	0	0	0	41
FRESHWATER:																
Nushagak River - Black Point upstream to Sonar Site	423	884	455	123	20	157	203	0	0	0	0	0	50	0	135	0
Nushagak River - Sonar Site to Outlet of Mulchatna	656	1,413	558	564	136	197	352	0	167	31	403	48	49	0	0	0
Nushagak River - upstream from mouth of Mulchatna R.	526	676	105	178	0	0	0	0	152	76	374	0	63	0	0	0
Nushagak River System	444	747	153	233	0	15	26	0	132	13	89	0	0	0	0	0
Wood River Lakes System	1,517	2,428	56	273	201	206	14	0	856	385	167	28	312	0	0	0
Togiak River System	1,474	2,004	445	900	315	267	62	15	207	51	35	0	27	0	0	0
Other Streams	134	402	31	62	23	0	32	0	42	0	35	0	0	0	0	0
Mulchatna River	159	728	29	129	42	79	0	51	117	21	78	0	0	0	0	0
Tikchik-Nuyakuk Lake System	507	870	91	397	0	0	0	159	237	0	67	0	154	0	0	0
Other Lakes	143	209	0	78	0	0	0	0	0	0	0	0	84	0	0	0
FRESHWATER TOTAL	2,423	3,970	867	1,225	400	427	413	166	941	400	609	55	376	0	135	0
GRAND TOTAL	2,463	3,992	882	1,226	400	427	413	166	941	400	609	55	376	0	135	41

Note: Nushagak (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 Appendix A3 for common names and species abbreviations.

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

Appendix A97.–Tanana River Drainages sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	LS	CS	LT	DV AC	RT	GRU[b]	GRO[b]	WF	SF	NPU[c]	NPO[c]	BB	Other[d]
Upper Chena River	3,689	6,938	11,320	0	0	0	0	0	0	0	0	0	0	0	121	0	303	0
Lower Chena River, including Badger Slough (Chena Slough)	4,949	13,490	20,165	762	0	0	28	0	0	0	0	0	271	29	362	0	1,130	0
Piledriver Slough	980	1,760	2,546	0	0	0	0	0	0	79	0	0	453	0	15	0	61	57
Nenana River Drainage (excluding Brushkana Creek)	615	423	1,038	0	78	0	0	0	133	0	66	90	0	31	167	0	0	0
Lower Chatanika River (downstream of Elliot Hwy)	927	1,640	2,570	24	0	0	0	0	0	0	11	261	0	0	191	0	0	24
Upper Chatanika River (upstream of Elliot Hwy)	1,476	1,924	2,917	13	0	0	0	0	0	0	21	290	45	0	73	83	0	8
Salcha River	2,195	3,344	4,859	481	0	0	14	0	0	0	59	1,442	226	0	75	0	0	0
Delta Clearwater River	1,943	2,524	3,357	0	511	0	0	0	0	0	111	0	0	0	0	0	0	0
Brushkana Creek	501	547	763	0	0	0	0	0	30	0	117	443	9	0	0	0	0	0
Lower Tanana River	215	273	330	0	0	0	0	0	0	0	16	49	0	0	0	0	160	0
Middle Tanana River	1,018	2,275	3,139	12	65	0	0	0	0	0	57	283	0	117	332	30	1,594	0
Upper Tanana River	330	559	665	0	0	0	56	0	0	0	11	57	30	0	0	0	119	0
Other Streams	2,673	3,210	4,927	27	62	0	0	30	152	0	276	939	15	0	201	59	0	7
Minto Flats	831	857	1,892	0	0	0	0	0	0	0	23	113	0	0	764	435	0	0
Tangle Lakes and Tangle River	2,168	1,438	3,737	0	0	0	0	270	0	0	438	813	136	0	0	0	0	8
Birch Lake	3,651	3,995	8,601	0	0	2,642	0	0	1,198	4,931	0	0	0	0	0	0	0	119
Quartz Lake	2,560	3,196	7,852	0	0	1,902	0	0	697	5,097	0	0	0	0	0	0	0	0
Fielding Lake	486	468	1,010	0	0	0	0	101	0	0	62	429	75	0	0	0	30	0
Chena Lake (Lake only)	3,467	4,721	9,958	0	0	2,714	0	0	1,003	5,480	11	33	0	0	0	0	0	0
Harding Lake	982	1,395	2,675	0	0	0	0	72	354	0	0	0	0	0	0	0	10	0
Dune Lake	282	271	433	0	0	558	0	0	0	375	27	0	0	0	0	0	0	0
Steese Ponds	700	602	1,169	0	0	0	0	0	0	1,871	0	16	0	0	0	0	0	16
Chena Hot Springs Road Ponds	1,197	1,723	2,458	0	0	0	0	0	0	381	112	0	225	0	0	0	0	0
Coal Mine Road Lakes	366	328	481	0	0	0	0	0	13	12	0	0	0	0	0	0	0	0
Eielson Air Force Base Lakes	1,102	3,908	7,011	0	0	570	0	0	373	1,669	0	0	0	0	408	90	0	0
Other Lakes	3,666	6,775	10,613	0	0	73	0	173	158	5,659	16	81	0	0	1,226	263	39	0
TOTAL	24,987	68,584	116,486	1,319	716	8,459	98	646	4,111	25,554	1,434	5,339	1,485	177	3,935	960	3,446	239

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

Note: Refer to Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

[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.

Appendix A98.–Tanana River Drainages standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	LS	CS	LT	DV AC	RT	GRU[a]	GRO[a]	WF	SF	NPU[b]	NPO[b]	BB	Other[c]
Upper Chena River	928	2,082	0	0	0	0	0	0	0	0	0	0	0	105	0	293	0
Lower Chena River, including Badger Slough (Chena Slough)	2,050	3,380	220	0	0	29	0	0	0	0	0	237	30	226	0	459	0
Piledriver Slough	402	604	0	0	0	0	0	0	60	0	0	336	0	15	0	42	57
Nenana River Drainage (excluding Brushkana Creek)	129	294	0	77	0	0	0	130	0	47	62	0	31	95	0	0	0
Lower Chatanika River (downstream of Elliot Hwy)	412	785	23	0	0	0	0	0	0	12	130	0	0	90	0	0	23
Upper Chatanika River (upstream of Elliot Hwy)	368	619	14	0	0	0	0	0	0	16	139	47	0	62	59	0	8
Salcha River	598	919	120	0	0	14	0	0	0	38	638	230	0	73	0	0	0
Delta Clearwater River	404	533	0	198	0	0	0	0	0	47	0	0	0	0	0	0	0
Brushkana Creek	276	298	0	0	0	0	0	31	0	58	204	10	0	0	0	0	0
Lower Tanana River	182	190	0	0	0	0	0	0	0	16	48	0	0	0	0	160	0
Middle Tanana River	668	812	12	68	0	0	0	0	0	56	282	0	121	229	31	496	0
Upper Tanana River	302	315	0	0	0	56	0	0	0	11	56	29	0	0	0	102	0
Other Streams	546	701	26	44	0	0	29	154	0	114	242	16	0	112	36	0	8
Minto Flats	231	548	0	0	0	0	0	0	0	23	114	0	0	273	135	0	0
Tangle Lakes and Tangle River	203	629	0	0	0	0	95	0	0	146	244	101	0	0	0	0	8
Birch Lake	600	1,384	0	0	689	0	0	430	912	0	0	0	0	0	0	0	113
Quartz Lake	541	1,635	0	0	625	0	0	279	1,431	0	0	0	0	0	0	0	0
Fielding Lake	218	382	0	0	0	0	73	0	0	47	229	74	0	0	0	30	0
Chena Lake (Lake only)	684	1,924	0	0	965	0	0	355	1,285	11	32	0	0	0	0	0	0
Harding Lake	479	1,335	0	0	0	0	38	168	0	0	0	0	0	0	0	10	0
Dune Lake	94	146	0	0	307	0	0	0	241	20	0	0	0	0	0	0	0
Steese Ponds	196	380	0	0	0	0	0	0	1,566	0	16	0	0	0	0	0	16
Chena Hot Springs Road Ponds	382	539	0	0	0	0	0	0	197	65	0	227	0	0	0	0	0
Coal Mine Road Lakes	105	146	0	0	0	0	0	13	12	0	0	0	0	0	0	0	0
Eielson Air Force Base Lakes	864	1,884	0	0	433	0	0	236	832	0	0	0	0	262	64	0	0
Other Lakes	958	1,531	0	0	74	0	97	134	1,042	17	83	0	0	394	89	30	0
TOTAL	3,326	6,320	254	226	1,471	63	165	722	3,063	235	851	538	127	654	188	754	130

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 Appendix A3 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.

Appendix A99.–Kuskokwim-Goodnews Drainages sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DV AC	RT	GR	WF	SF	NP	BB	SM	HA	Other[b]
SALTWATER:																			
Boat - Other	15	13	15	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	15	13	15	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																			
Kuskokwim River Drainages above Aniak River:																			
Kuskokwim River mainstem, above Aniak River	382	355	615	10	300	20	0	0	0	70	0	533	14	0	28	0	0	0	0
Holitna River	534	797	2,351	136	819	124	0	0	0	372	82	846	30	156	820	0	0	0	0
Other Streams	284	848	993	40	385	0	0	0	0	323	0	272	754	0	0	50	0	0	0
Other Lakes	115	162	162	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0
Total Kuskokwim River Drainages above Aniak River	899	2,162	4,121	186	1,504	144	0	0	0	765	82	1,651	798	156	862	50	0	0	0
Kuskokwim River Drainages below Aniak River:																			
Kuskokwim River mainstem, below Aniak River	263	723	1,625	116	1,131	39	0	14	0	13	11	0	27	26	15	0	281	0	0
Aniak River	383	1,806	4,186	335	1,207	119	0	0	30	288	0	0	45	0	121	0	0	0	0
Kisaralik River	334	438	2,071	58	226	22	0	0	0	114	99	45	60	0	0	0	0	0	0
Kwethluk River	417	1,467	2,021	150	649	65	0	70	60	230	117	23	15	0	289	0	0	0	0
Other Streams	264	177	340	12	279	11	0	0	0	27	0	11	30	0	166	61	0	0	0
Other Lakes	83	41	83	0	0	0	0	0	33	0	0	0	0	0	15	0	0	0	0
Total Kuskokwim River Drainages below Aniak River	1,547	4,652	10,326	671	3,492	256	0	84	123	672	227	79	177	26	606	61	281	0	0
Kuskokwim Bay Drainages:																			
Kanektok River	998	1,133	6,364	228	1,362	112	98	33	81	482	68	33	0	0	75	0	0	0	0
Goodnews River	633	709	2,499	100	622	0	16	0	0	331	68	130	0	0	0	0	0	0	0
Other Streams	385	384	1,871	12	65	0	0	0	65	289	12	60	0	0	0	0	0	0	0
Other Lakes	33	28	122	0	0	0	0	0	228	0	0	0	0	0	0	0	0	0	0
Total Kuskokwim Bay Drainages	1,999	2,254	10,856	340	2,049	112	114	33	374	1,102	148	223	0	0	75	0	0	0	0
Other Streams	50	69	88	0	0	0	302	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	4,278	9,137	25,391	1,197	7,045	512	416	117	497	2,539	457	1,953	975	182	1,543	111	281	0	0
GRAND TOTAL	4,278	9,150	25,406	1,197	7,096	512	416	117	497	2,539	457	1,953	975	182	1,543	111	281	0	0

Note: Kuskokwim-Goodnews 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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

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

Appendix A100.–Kuskokwim-Goodnews Drainages standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DV AC	RT	GR	WF	SF	NP	BB	SM	HA	Other[a]
SALTWATER:																		
Boat - Other	13	16	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	13	16	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:																		
Kuskokwim River Drainages above Aniak River:																		
Kuskokwim River mainstem, above Aniak River	139	201	10	216	19	0	0	0	50	0	424	13	0	20	0	0	0	0
Holitna River	297	595	81	261	109	0	0	0	144	80	377	29	89	391	0	0	0	0
Other Streams	351	375	40	262	0	0	0	0	253	0	216	715	0	0	48	0	0	0
Other Lakes	72	73	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0
Total Kuskokwim River Drainages above Aniak River	492	763	93	439	112	0	0	0	300	80	608	714	89	392	48	0	0	0
Kuskokwim River Drainages below Aniak River:																		
Kuskokwim River mainstem, below Aniak River	291	823	73	612	40	0	13	0	13	11	0	28	27	15	0	289	0	0
Aniak River	1,089	1,936	195	596	106	0	0	29	142	0	0	44	0	118	0	0	0	0
Kisaralik River	223	872	47	117	22	0	0	0	58	64	38	62	0	0	0	0	0	0
Kwethluk River	795	855	113	338	67	0	67	57	105	60	22	15	0	229	0	0	0	0
Other Streams	64	147	12	166	11	0	0	0	27	0	11	30	0	145	58	0	0	0
Other Lakes	29	58	0	0	0	0	0	32	0	0	0	0	0	14	0	0	0	0
Total Kuskokwim River Drainages below Aniak River	1,437	2,507	246	945	136	0	68	72	190	89	45	89	27	293	58	289	0	0
Kuskokwim Bay Drainages:																		
Kanektok River	269	1,492	121	360	64	53	32	83	206	69	23	0	0	76	0	0	0	0
Goodnews River	186	509	68	226	0	16	0	0	139	70	134	0	0	0	0	0	0	0
Other Streams	197	840	12	63	0	0	0	65	238	12	50	0	0	0	0	0	0	0
Other Lakes	19	99	0	0	0	0	0	230	0	0	0	0	0	0	0	0	0	0
Total Kuskokwim Bay Drainages	386	1,851	137	421	64	55	32	256	351	98	148	0	0	76	0	0	0	0
Other Streams	57	65	0	0	0	305	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	1,555	3,220	300	1,129	189	310	75	263	500	153	631	712	94	489	75	289	0	0
GRAND TOTAL	1,555	3,221	300	1,132	189	310	75	263	500	153	631	712	94	489	75	289	0	0

Note: Kuskokwim-Goodnews 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 Appendix A3 for common names and species abbreviations.

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

Appendix A101.–Seward Peninsula-Norton Sound Drainages sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	RS	PS	CS	DV AC	GRU[b]	GRO[b]	WF	SF	NP	BB	SM	HA	KC	Other[c]
SALTWATER:																			
Boat - Other	65	187	215	76	68	0	483	0	27	0	0	0	0	0	0	450	0	173	33
Shoreline - Other	96	234	486	41	436	0	352	0	45	0	0	27	0	0	0	0	0	0	0
SALTWATER TOTAL	146	421	701	117	504	0	835	0	72	0	0	27	0	0	0	450	0	173	33
FRESHWATER:																			
Nome River	668	1,246	1,636	0	270	0	3,369	0	226	0	0	0	0	0	0	0	0	0	0
Unalakleet River	741	2,015	4,527	356	3,524	0	2,003	47	3,593	597	0	340	0	0	0	1,689	0	0	16
Sinuk River	301	328	466	0	13	0	156	0	42	0	0	0	0	0	0	0	0	0	0
Other Streams	1,274	3,208	5,938	62	1,495	404	1,946	451	385	114	113	256	0	840	0	0	0	0	0
Other Lakes	33	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	2,382	6,852	12,622	418	5,302	404	7,474	498	4,246	711	113	596	0	840	0	1,689	0	0	16
GRAND TOTAL	2,432	7,273	13,323	535	5,806	404	8,309	498	4,318	711	113	623	0	840	0	2,139	0	173	49

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

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

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

Appendix A102.–Seward Peninsula-Norton Sound Drainages standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	RS	PS	CS	DV	GRU[a]	GRO[a]	WF	SF	NP	BB	SM	HA	KC	Other[b]
SALTWATER:																		
Boat - Other	120	125	52	67	0	480	0	26	0	0	0	0	0	0	448	0	173	32
Shoreline - Other	120	241	42	290	0	282	0	35	0	0	28	0	0	0	0	0	0	0
SALTWATER TOTAL	166	266	66	295	0	548	0	43	0	0	28	0	0	0	448	0	173	32
FRESHWATER:																		
Nome River	367	436	0	113	0	1,313	0	200	0	0	0	0	0	0	0	0	0	0
Unalakleet River	582	1,208	197	986	0	877	26	1,728	321	0	261	0	0	0	1,721	0	0	16
Sinuk River	113	183	0	13	0	97	0	29	0	0	0	0	0	0	0	0	0	0
Other Streams	658	1,169	28	564	221	723	449	148	66	68	220	0	521	0	0	0	0	0
Other Lakes	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	965	1,779	198	1,179	221	1,772	449	1,748	327	68	344	0	521	0	1,721	0	0	16
GRAND TOTAL	987	1,810	212	1,221	221	1,869	449	1,748	327	68	344	0	521	0	1,768	0	173	35

Note: Seward Peninsula-Norton Sound Drainages (Area W): All drainage area 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 Appendix A3 for common names and species abbreviations.

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

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

Appendix A103.–Northwest Alaska Drainages sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DVU[b] AC	DVO[b] AC	GR	WF	SF	NP	BB	SM	Other[c]
SALTWATER:																		
Boat - Other	32	166	167	0	0	0	0	0	0	0	0	0	0	690	0	0	0	0
Shoreline - Other	100	138	182	0	0	0	0	0	0	0	0	0	0	292	0	0	0	570
SALTWATER TOTAL	132	304	349	0	0	0	0	0	0	0	0	0	0	982	0	0	0	570
FRESHWATER:																		
Kobuk River	495	635	2,743	0	0	0	0	112	31	321	321	1,157	317	477	291	9	0	114
Noatak River	315	490	1,047	0	0	0	0	0	0	28	41	181	0	0	91	0	0	0
Other Streams	282	1,094	1,424	0	0	0	0	84	0	361	213	645	91	58	317	0	0	0
Other Lakes	67	55	141	0	0	0	0	0	106	0	0	0	0	117	30	0	0	0
FRESHWATER TOTAL	1,045	2,274	5,355	0	0	0	0	196	137	710	575	1,983	408	652	729	9	0	114
GRAND TOTAL	1,079	2,578	5,704	0	0	0	0	196	137	710	575	1,983	408	1,634	729	9	0	684

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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal the sum of sites due to some anglers fishing at more than one site.

[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.

Appendix A104.–Northwest Alaska Drainages standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DVU[a] AC	DVO[a] AC	GR	WF	SF	NP	BB	SM	Other[b]
SALTWATER:																	
Boat - Other	129	130	0	0	0	0	0	0	0	0	0	0	491	0	0	0	0
Shoreline - Other	89	124	0	0	0	0	0	0	0	0	0	0	291	0	0	0	567
SALTWATER TOTAL	161	183	0	0	0	0	0	0	0	0	0	0	568	0	0	0	567
FRESHWATER:																	
Kobuk River	159	761	0	0	0	0	81	22	275	275	613	193	288	149	9	0	56
Noatak River	184	359	0	0	0	0	0	0	21	24	81	0	0	94	0	0	0
Other Streams	481	520	0	0	0	0	84	0	229	212	439	90	61	254	0	0	0
Other Lakes	34	107	0	0	0	0	0	110	0	0	0	0	118	32	0	0	0
FRESHWATER TOTAL	544	1,027	0	0	0	0	115	114	363	349	763	213	321	307	9	0	56
GRAND TOTAL	568	1,034	0	0	0	0	115	114	363	349	763	213	669	307	9	0	569

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 Appendix A3 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.

Appendix A105.–Yukon River Drainages sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DV AC	GR	WF	SF	NP	BB	SM	HA	Other[b]
SALTWATER:																		
Boat - Other	17	14	17	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0
SALTWATER TOTAL	17	14	17	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0
FRESHWATER:																		
Yukon River Drainages (downstream from Koyukuk River):																		
Innoko River Drainage	351	341	1,523	0	0	23	0	0	0	0	16	0	47	250	0	0	0	0
Other Streams (Yukon R. Drainages below Koyukuk River)	647	929	2,899	159	855	56	33	105	0	88	237	269	496	752	0	0	0	49
Total Yukon River Drainages (downstream from the Koyukuk River)	982	1,270	4,422	159	855	79	33	105	0	88	253	269	543	1,002	0	0	0	49
Yukon River Drainages (Koyukuk River to Fort Yukon):																		
Koyukuk River Drainage (excluding Haul Road drainages or unspecified)	700	1,027	2,718	0	52	0	0	0	0	13	1,035	15	468	629	0	0	0	0
Dall River	315	411	686	0	0	0	0	0	0	0	0	0	0	1,252	0	0	0	0
Haul Road Lakes and Streams in Koyukuk Drainage	167	178	339	0	0	0	0	0	0	0	172	0	0	0	0	0	0	0
Other Streams (Yukon R. Drainages - Koyukuk R. to Fort Yukon)	989	1,682	3,709	35	0	0	0	0	0	66	1,364	0	341	487	111	0	0	98
Other Lakes (Yukon R. Drainages - Koyukuk R. to Fort Yukon)	66	41	101	0	0	0	0	0	33	0	0	0	0	60	0	0	0	0
Total Yukon River Drainages (Koyukuk River to Fort Yukon)	2,056	3,339	7,553	35	52	0	0	0	33	79	2,571	15	809	2,428	111	0	0	98
Other Streams (Yukon R. Drainages - Fort Yukon to Canadian Border)	182	199	771	0	0	0	0	0	0	0	371	0	0	60	0	0	0	0
Other Streams	150	219	346	0	0	0	0	0	65	0	76	0	0	166	0	0	0	0
FRESHWATER TOTAL	3,238	5,027	13,092	194	907	79	33	105	98	167	3,271	284	1,352	3,656	111	0	0	147
GRAND TOTAL	3,255	5,041	13,109	194	907	79	33	105	98	167	3,271	284	1,352	3,656	111	0	28	147

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 and Alatna rivers.

Note: Refer to Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

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

Appendix A106.–Yukon River Drainages standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	SS	RS	PS	CS	LT	DV AC	GR	WF	SF	NP	BB	SM	HA	Other[a]
SALTWATER																	
Boat - Other	14	17	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0
SALTWATER TOTAL	14	17	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0
FRESHWATER:																	
Yukon River Drainages (downstream from Koyukuk River):																	
Innoko River Drainage	122	504	0	0	23	0	0	0	0	16	0	47	113	0	0	0	0
Other Streams (Yukon R. Drainages below Koyukuk River)	374	860	81	433	54	31	67	0	58	142	181	330	449	0	0	0	49
Total Yukon River Drainages (downstream from the Koyukuk River)	400	1,027	81	433	60	31	67	0	58	144	181	335	468	0	0	0	49
Yukon River Drainages (Koyukuk River to Fort Yukon):																	
Koyukuk River Drainage (excluding Haul Road drainages or unspecified)	384	678	0	53	0	0	0	0	13	399	15	442	331	0	0	0	0
Dall River	178	281	0	0	0	0	0	0	0	0	0	0	815	0	0	0	0
Haul Road Lakes and Streams in Koyukuk Drainage	56	112	0	0	0	0	0	0	0	99	0	0	0	0	0	0	0
Other Streams (Yukon R. Drainages - Koyukuk R. to Fort Yukon)	338	676	36	0	0	0	0	0	56	398	0	189	174	92	0	0	88
Other Lakes (Yukon R. Drainages - Koyukuk R. to Fort Yukon)	23	56	0	0	0	0	0	32	0	0	0	0	59	0	0	0	0
Total Yukon River Drainages (Koyukuk River to Fort Yukon)	565	1,063	36	53	0	0	0	32	57	580	15	477	911	92	0	0	88
Other Streams (Yukon R. Drainages - Fort Yukon to Canadian Border)	89	318	0	0	0	0	0	0	0	279	0	0	62	0	0	0	0
Other Streams	99	160	0	0	0	0	0	65	0	51	0	0	130	0	0	0	0
FRESHWATER TOTAL	732	1,614	87	438	60	31	67	75	81	666	181	577	1,055	92	0	0	103
GRAND TOTAL	732	1,614	87	438	60	31	67	75	81	666	181	577	1,055	92	0	29	103

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 Appendix A3 for common names and species abbreviations.

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

Appendix A107.–North Slope–Brooks Range Drainages sport fish harvest and effort estimates by fisheries and species, 2004.

Area Fished	Anglers[a]	Trips	Days Fished	KS	PS	CS	LT	DV AC	GR	WF	NP	BB	SM	Other[b]
SALTWATER:														
Shoreline - Other	50	96	96	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	50	96	96	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:														
Sagavanirktok River	316	315	437	0	0	0	0	105	23	0	0	50	0	0
Haulroad Streams	100	218	275	0	0	0	0	0	80	0	0	0	0	0
Other Streams	196	808	1,473	0	0	13	0	75	312	0	14	0	0	0
Haulroad Lakes	84	327	411	0	0	0	0	0	0	0	0	0	0	0
Other Lakes	100	206	619	0	75	0	75	0	453	1,509	0	20	0	0
FRESHWATER TOTAL	697	1,874	3,215	0	75	13	75	180	868	1,509	14	70	0	0
GRAND TOTAL	747	1,970	3,311	0	75	13	75	180	868	1,509	14	70	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 Appendix A3 for common names and species abbreviations.

[a] Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

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

Appendix A108.–North Slope–Brooks Range Drainages standard errors of sport fish harvest and effort by fisheries and species, 2004.

Area Fished	Trips	Days Fished	KS	PS	CS	LT	DV AC	GR	WF	NP	BB	SM	Other[a]
SALTWATER:													
Shoreline - Other	70	70	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	70	70	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER:													
Sagavanirktok River	104	137	0	0	0	0	72	23	0	0	50	0	0
Haulroad Streams	128	145	0	0	0	0	0	53	0	0	0	0	0
Other Streams	602	751	0	0	13	0	54	206	0	14	0	0	0
Haulroad Lakes	279	292	0	0	0	0	0	0	0	0	0	0	0
Other Lakes	141	426	0	74	0	77	0	446	1,484	0	20	0	0
FRESHWATER TOTAL	746	1,011	0	74	13	77	107	500	1,484	14	55	0	0
GRAND TOTAL	747	1,012	0	74	13	77	107	500	1,484	14	55	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 Appendix A3 for common names and species abbreviations.

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

Appendix A109.–Comparison of 2004 Alaska statewide survey and onsite survey estimates and confidence intervals (CI).

	Onsite survey					Statewide Harvest Survey				
Fishery	Harvest estimate	SE	95% CI			Harvest estimate	SE	95% CI		
Ketchikan Marine Boat[a,b]										
Chinook salmon over 28"	6,853	516	5,842	-	7,864	11,118	1,076	9,158	-	13,354
Chinook salmon under 28"	175	71	36	-	314	1,308	301	781	-	1,981
Coho salmon	24,698	3,914	17,027	-	32,369	64,545	5,604	54,831	-	76,024
Sockeye salmon	110	51	10	-	210	981	258	523	-	1,515
Pink salmon	32,612	10,121	12,775	-	52,449	41,070	3,329	34,576	-	47,611
Chum salmon	3,711	910	1,927	-	5,495	7,071	883	5,511	-	8,957
Halibut	6,253	692	4,897	-	7,609	21,051	1,755	17,891	-	24,628
Lingcod	255	48	161	-	349	2,549	304	2,037	-	3,198
Rockfish	5,311	581	4,172	-	6,450	14,052	1,454	11,527	-	17,052
Sitka Marine Boat[a]										
Chinook salmon over 28"	31,478	1,965	27,627	-	35,329	23,918	1,372	21,334	-	26,901
Chinook salmon under 28"	0	0	0		0	109	67	12	-	260
Coho salmon	53,311	6,015	41,522	-	65,100	58,060	3,495	51,189	-	64,964
Sockeye salmon	534	137	265	-	803	1,444	560	516	-	2,638
Pink salmon	4,917	780	3,388	-	6,446	5,943	821	4,458	-	7,634
Chum salmon	3,195	513	2,190	-	4,200	3,778	546	2,734	-	4,988
Halibut	36,427	2,964	30,618	-	42,236	33,244	1,850	29,760	-	36,944
Lingcod	3,209	476	2,276	-	4,142	4,015	416	3,261	-	4,900
Rockfish	20,254	1,849	16,630	-	23,878	24,844	2,017	20,916	-	28,577
Juneau Marine Boat[a]										
Chinook salmon over 28"	6,109	649	4,837	-	7,381	9,524	774	8,017	-	11,122
Chinook salmon under 28"	135	55	27	-	243	449	103	269	-	663
Coho salmon	20,633	1,557	17,581	-	23,685	42,230	2,920	37,090	-	48,250
Sockeye salmon	60	24	13	-	107	736	280	301	-	1,385
Pink salmon	2,330	296	1,750	-	2,910	10,607	1,368	8,054	-	13,345
Chum salmon	1,950	287	1,387	-	2,513	3,807	637	2,705	-	5,199
Halibut	11,512	1,113	9,331	-	13,693	27,735	1,876	24,146	-	31,432
Lingcod	49	36	0	-	120	279	80	142	-	451
Rockfish	1,117	270	588	-	1,646	4,957	792	3,527	-	6,664

-continued-

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Fishery	Onsite survey				Statewide Harvest Survey			
	Harvest estimate	SE	95% CI		Harvest estimate	SE	95% CI	
Kasilof River								
Early Chinook salmon, total	2,421	280	1,872 -	2,970	3295	336	2662 -	3983
Kenai River - Cook Inlet to Soldotna Bridge								
Early Chinook salmon, guided[c]	1,512	316	893 -	2,131	897	141	638 -	1,186
Early Chinook salmon, nonguided[c]	773	122	534 -	1,012	1,956	213	1,567 -	2,404
Late Chinook salmon, guided[c]	9,491	742	8,037 -	10,945	5,532	390	4,781 -	6,320
Late Chinook salmon, nonguided[c]	5,003	632	3,764 -	6,242	5,361	490	4,459 -	6,405
Karluk Lake and River								
Chinook salmon total	719		719 -	719	297	112	98 -	529
Ayakulik (Red) River								
Chinook salmon total	401		401 -	401	304	144	61 -	603

[a] Michael Jaenicke, ADF&G, personal communication.
[b] A major access site (Salmon Falls) was not sampled during the onsite survey. See discussion of this report regarding this and other comparisons.
[c] Reimer *in prep*.
[d] Donn Tracy, ADF&G, personal communication.

Appendix A110.–Number of households responding to the 2004 standard and supplementary sport fish surveys by fishery.

	Number of respondents		
	Standard	Supplementary	Total
Area A. Ketchikan Area			
SALTWATER:			
Boat - East, West Behm Canals	279	248	527
Boat - Clarence Strait	25	41	66
Boat - Revilla Channel	115	140	255
Boat - Tongass Narrows	21	126	147
Boat - Yes Bay	59	12	71
Boat - Bell Island	21	9	30
Boat - Terminal Harvest Area	142	52	194
Boat - Lincoln Channel	0	17	17
Boat - Other	35	40	75
Shoreline - Herring Cove	25	7	32
Shoreline - Other	21	29	50
FRESHWATER:			
Ward Cove Creek	23	6	29
Ketchikan Creek	16	11	27
Naha River	13	7	20
Other Streams	18	25	43
Ward Lake	6	7	13
Other Lakes	16	9	25
Area B. Prince of Wales Island Area			
SALTWATER:			
Boat - Thorne Bay	3	11	14
Boat - Waterfall Bay	32	25	57
Boat - Eastside Prince of Wales Island	104	81	185
Boat - Westside Prince of Wales Island	180	144	324
Boat - Other	10	25	35
Shoreline – Eastside Prince of Wales Island	5	7	12
Neck Lake Shoreline - Outlet Terminal Fishery	12	5	17
Shoreline - Westside Prince of Wales Island	0	8	8
Shoreline - Other	5	2	7
FRESHWATER:			
Thorne System (Stream, Lake)	42	31	73
Sarkar System (Stream, Lake)	4	10	14
Karta River	9	4	13
Klawock River	22	20	42
Staney Creek	17	20	37
Eagle Creek	6	6	12
Harris River	21	19	40
Other Streams	20	36	56
Other Lakes	6	5	11
Area C. Kake, Petersburg, Wrangell, Stikine Area			
SALTWATER:			
Boat - Terminal Harvest Area near Petersburg (in Wrangell Narrows)	20	22	42
Boat - Frederick Sound near Petersburg	60	60	120
Boat - Rest of Petersburg Area	41	30	71
Boat - Wrangell Area	48	49	97
Boat - Kake Area	14	12	26
Boat - Other	16	50	66
Shoreline - Petersburg Road System	17	7	24
Shoreline - Other	10	18	28

-continued-

	Number of respondents		
	Standard	Supplementary	Total
Area C. Kake, Petersburg, Wrangell, Stikine Area (continued)			
FRESHWATER:			
Blind Slough (in Wrangell Narrows)	36	20	56
Petersburg Creek	15	14	29
Other Streams	33	33	66
Other Lakes	12	5	17
Area D. Sitka Area			
SALTWATER:			
Boat - Sitka Sound, incl. Vitskari Island	312	332	644
Boat - Terminal Harvest Area - Silver Bay	15	10	25
Boat - Terminal Harvest Area - Hidden Bay	11	6	17
Boat - Salisbury Sound	46	35	81
Boat - Outer Coast of Kruzof Island	127	112	239
Boat - Tenakee Area	19	15	34
Boat - East Shore of Baranof Island	62	50	112
Boat - West Chichagof Island	19	8	27
Boat - Other	21	43	64
Shoreline - East Baranof Island	7	6	13
Shoreline - Other Sitka Sound	1	12	13
Shoreline - Sitka Road System	12	8	20
Shoreline - Other	4	7	11
FRESHWATER:			
Other Streams	14	23	37
Other Lakes	8	10	18
Area E. Juneau Area			
SALTWATER:			
Boat - Terminal Harvest Area	60	45	105
Boat - Doty Cove to Berners Bay and west to Pt. Retreat	308	395	703
Boat - Angoon Area	30	15	45
Boat - Lower Stephens Passage	7	17	24
Boat - Lynn Canal	13	39	52
Boat - Admiralty Island	7	11	18
Boat - Chatham Strait	11	16	27
Boat - Frederick Sound	8	7	15
Boat - Other	28	48	76
Shoreline - Auke Creek Mouth	20	2	22
Shoreline - Gastineau Hatchery - DIPAC	52	30	82
Shoreline - Other Juneau Road System	68	52	120
Shoreline - Other	10	32	42
FRESHWATER:			
Fish Creek (Douglas Island)	29	16	45
Peterson Creek and Salt Chuck	10	5	15
Cowee Creek	26	15	41
Montana Creek	20	9	29
Other Juneau Road System	10	16	26
Other Streams	28	42	70
Other Lakes	18	13	31

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	Number of respondents		
	Standard	Supplementary	Total
Area F. Haines-Skagway Area			
SKAGWAY SUB-AREA			
SALTWATER:			
Boat - Taiya Inlet	39	23	62
Boat - Other	9	14	23
Shoreline - Other	8	6	14
FRESHWATER:			
Other Streams	14	7	21
Other Lakes	5	5	10
HAINES SUB-AREA			
SALTWATER:			
Boat - Lynn Canal	4	14	18
Boat - Chilkat Inlet	23	19	42
Boat - Chilkoot Inlet	35	12	47
Boat - Other	6	13	19
Shoreline - Chilkoot Inlet	3	9	12
Shoreline - Other	10	8	18
FRESHWATER:			
Chilkoot River	82	43	125
Chilkat River	48	32	80
Other Streams	1	4	5
Chilkoot Lake	41	26	67
Chilkat Lake	9	4	13
Other Lakes	1	8	9
Area G. Glacier Bay Area			
SALTWATER:			
Boat - Icy Strait	3	23	26
Boat - Icy Strait (excluding Glacier Bay National Park)	108	70	178
Boat - Cross Sound (excluding Glacier Bay National Park)	28	12	40
Boat - Glacier Bay National Park (excl. Glacier Bay)	22	10	32
Boat - Glacier Bay (Proper)	26	12	38
Boat - Gustavus Area	12	19	31
Boat - Outer Coast Yakobi Island	29	8	37
Boat - Homeshore Area	16	9	25
Boat - Northern Chichagof Island	28	23	51
Boat - Other	9	29	38
Shoreline - Other	15	7	22
FRESHWATER:			
Other Streams	18	25	43
Other Lakes	1	3	4
Area H. Yakutat Area			
SALTWATER:			
Boat - Yakutat Bay	76	67	143
Boat - Ankau Lagoon	1	2	3
Boat - Other	1	10	11
Shoreline - Yakutat Bay	7	5	12
Shoreline - Ankau Lagoon	11	8	19
Shoreline - Other	0	3	3

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	Number of respondents		
	Standard	Supplementary	Total
Area H. Yakutat Area (continued)			
FRESHWATER:			
Situk River, above weir	81	48	129
Situk River, below weir	75	46	121
Situk River - reach unspecified	0	18	18
Tsiu River	17	15	32
East Alsek River	12	6	18
Lost River	29	17	46
Italio River	9	10	19
Other Streams	14	14	28
Other Lakes	0	2	2
Area I. Upper Copper River Drainage			
Gulkana River (Paxson to West Fork)	41	13	54
Gulkana River (West Fork to Highway)	88	45	133
Gulkana River (Highway to Copper River)	36	20	56
Gulkana River Other	5	24	29
Klutina River	89	66	155
Tonsina River	15	6	21
Other Streams	17	35	52
Van (Silver) Lake	12	5	17
Paxson Lake	16	14	30
Summit Lake (near Paxson)	9	6	15
Crosswind Lake	6	8	14
Other Lakes	46	16	62
Area J. North Gulf Coast/Prince William Sound Area (PWS)			
SALTWATER:			
Boat - Resurrection Bay - Trip to Seward	719	619	1338
Boat - North Gulf Coast west of Cape Puget -Trip to Seward	164	201	365
Boat - West PWS - Trip to Seward	130	121	251
Boat - Other - Trip to Seward	23	18	41
Boat - West PWS - Trip to Whittier/Chenega/West PWS	233	196	429
Boat - East PWS - Trip to Whittier/Chenega/West PWS	40	39	79
Boat - Other - Trip to Whittier/Chenega/West PWS	3	10	13
Boat - West PWS - Trip to Valdez	77	55	132
Boat - East PWS - Trip to Valdez	134	77	211
Boat - Other - Trip to Valdez	10	25	35
Boat - Valdez Arm - Trip to Valdez	225	222	447
Boat - West PWS - Trip to Cordova or East PWS	14	8	22
Boat - East PWS - Trip to Cordova or East PWS	31	31	62
Boat - Other - Trip to Cordova or East PWS	4	6	10
Boat - Other - Trip to unknown destinations	10	71	81
SALTWATER			
Shoreline - Resurrection Bay (Seward)	124	107	231
Shoreline - Passage Canal (Whittier)	31	22	53
Shoreline - Valdez Road System	93	73	166
Shoreline - Remainder of Valdez Arm	23	67	90
Shoreline - West Prince William Sound	8	14	22
Shoreline - Orca Inlet	14	18	32
Shoreline - East Prince William Sound	4	9	13
Shoreline - Other	3	6	9

-continued-

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	Number of respondents		
	Standard	Supplementary	Total
Area J. North Gulf Coast/Prince William Sound Area (continued)			
FRESHWATER:			
Eyak River	53	47	100
Eshamy Lake, Creek, and Lagoon	3	9	12
Robe River Drainage	5	7	12
Alaganik Slough	23	15	38
Coghill River	11	3	14
Clear Creek	9	3	12
Other Streams	46	45	91
Other Lakes	16	15	31
Area K. Knik Arm Drainage Area			
SALTWATER:			
Boat - Other	4	0	4
Shoreline - Other	1	1	2
FRESHWATER:			
Little Susitna River	267	229	496
Knik River and Tributaries, including Jim Creek	128	108	236
Wasilla Creek (Rabbit Slough)	12	9	21
Cottonwood Creek	20	10	30
Fish Creek (Big Lake Drainage)	17	5	22
Eklutna Power Plant Raceway	81	54	135
Other Streams	4	11	15
Wasilla Lake	9	11	20
Finger Lake	42	31	73
Kepler Lake Complex	49	57	106
Big Lake	36	23	59
Long Lake (Mile 85 Glenn Highway)	13	8	21
Memory Lake	7	9	16
Lucille Lake	9	12	21
Figure Eight Lake	8	10	18
Knik Lake	7	6	13
Nancy Lake Recreation Area	50	44	94
Other Lakes	91	95	186
Area L. Anchorage Area			
SALTWATER:			
Boat - Other	6	1	7
Shoreline - Other	11	10	21

-continued-

Appendix A110.–Page 6 of 12.

	Number of respondents		
	Standard	Supplementary	Total
Area L. Anchorage Area (continued)			
FRESHWATER:			
Jewel Lake	60	51	111
Campbell Point Lake	17	13	30
Sand Lake	18	14	32
Lower Fire Lake	15	9	24
Mirror Lake	32	21	53
Otter Lake	26	11	37
Clunie Lake	24	17	41
Gwen Lake	14	10	24
Sixmile Lake	17	3	20
Green Lake	12	8	20
Hillberg Lake	12	2	14
C Street (Taku) Lake	22	9	31
Beach Lake	32	10	42
Delong Lake	31	21	52
Other Lakes	38	23	61
Other Streams	17	35	52
Ship Creek	238	190	428
Bird Creek	30	22	52
Campbell Creek	41	29	70
Twentymile River	33	30	63
Placer River	5	7	12
Ingram Creek	8	4	12
Eagle River	23	13	36
Area M. Susitna River Drainage			
CHULITNA/EAST SUSITNA DRAINAGES			
Birch Creek	12	7	19
Byers Creek	8	4	12
Caswell Creek	17	12	29
Chulitna River	8	7	15
Goose Creek	25	21	46
Indian River	10	3	13
Kashwitna River	17	12	29
Little Willow Creek	48	41	89
Montana Creek	216	160	376
Sheep Creek	118	79	197
Sunshine Creek	37	21	58
Talkeetna River / Clear Creek	233	178	411
Troublesome Creek	19	9	28
Willow Creek	240	208	448
Other Streams - Chulitna / East Susitna Drainage	10	10	20
Unspecified Streams - Chulitna / East Susitna Drainage	8	13	21
Flat Horn Lake	4	11	15
Byers Lake	7	5	12
Other Lakes - Chulitna / East Susitna Drainage	20	16	36
Unspecified Lakes - Chulitna / East Susitna Drainage	9	8	17

-continued-

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	Number of respondents		
	Standard	Supplementary	Total
Area M. Susitna River Drainage (continued)			
WEST SUSITNA DRAINAGES			
Susitna River	9	20	29
Alexander Creek	40	26	66
Lake Creek	107	98	205
Deshka River (Kroto Creek) above weir	66	43	109
Deshka River (Kroto Creek) below weir	182	165	347
Fish Lake Creek and Fish Lakes (Yentna Drainage)	28	11	39
Peters Creek	8	8	16
Talachulitna River	29	19	48
Yentna River Drainage	25	23	48
Other Streams - West Susitna Drainage	18	10	28
Unspecified Sites - West Susitna Drainages	11	8	19
Alexander Lake	16	13	29
Other Lakes - West Susitna Drainage	4	8	12
UPPER SUSITNA DRAINAGES			
Other Streams Upper Susitna Drainage	8	7	15
Lake Louise (off Glenn Highway)	30	22	52
Susitna Lake	10	2	12
Other Lakes Upper Susitna Drainage	3	4	7
Area N. West Side Cook Inlet Area			
SALTWATER:			
Upper Cook Inlet (Boat Sites North of Chinitna Point)	12	6	18
Lower Cook Inlet (Boat Sites South of Chinitna Point)	12	7	19
Boat - Other	0	6	6
Shoreline - Upper Cook Inlet	2	3	5
Shoreline - Lower Cook Inlet	0	2	2
Razor Clams: Polly Creek Beach/Crescent River Bar	6	11	17
Shoreline - Other	1	3	4
FRESHWATER:			
Chuitna River	23	17	40
Kustatan River	49	26	75
Theodore River	9	10	19
Silver Salmon Creek	16	11	27
Other Sites between North Forelands and Susitna Drainage	15	21	36
Wolverine Creek and Big River	63	57	120
Other Sites - South of North Forelands	18	23	41
Other Streams	2	16	18
Other Lakes	0	3	3
Area P. Kenai Peninsula Area			
KENAI RIVER FRESHWATER NONGUIDED			
Kenai River - Cook Inlet to Soldotna Bridge	783	538	1321
Kenai River - Soldotna Bridge to Moose River	521	379	900
Kenai River - Moose River to Skilak Outlet	233	175	408
Kenai River - Skilak Inlet to Kenai Lake	323	237	560
Kenai River - Reach not specified	8	102	110

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	Number of respondents		
	Standard	Supplementary	Total
Area P. Kenai Peninsula Area (continued)			
KENAI RIVER FRESHWATER GUIDED			
Kenai River - Cook Inlet to Soldotna Bridge	323	335	658
Kenai River - Soldotna Bridge to Moose River	157	132	289
Kenai River - Moose River to Skilak Outlet	52	44	96
Kenai River - Skilak Inlet to Kenai Lake	86	70	156
Kenai River - Reach not specified	3	60	63
OTHER FRESHWATER			
Anchor River	179	136	315
Ninilchik River	107	74	181
Deep Creek	107	84	191
Resurrection Creek	43	27	70
Quartz Creek	71	66	137
Sixmile Creek Drainage	13	8	21
Kenai River (reach and guided/non-guided not specified)	9	8	17
Russian River	468	489	957
Kasilof River - Nonguided Bank Fishing	196	103	299
Kasilof River - Nonguided Boat Fishing	71	29	100
Kasilof River - Guided Bank Fishing	13	7	20
Kasilof River - Guided Boat Fishing	110	87	197
Ptarmigan Creek	12	8	20
Swanson River	30	21	51
Other Streams	38	74	112
Swanson River Canoe Route Lakes	9	8	17
Swan Lake Canoe System	11	5	16
Hidden Lake	26	17	43
Crescent Lake	17	12	29
Johnson Lake	9	8	17
Skilak Lake	21	14	35
Summit Lake	7	9	16
Tustumena Lake	12	6	18
Elephant Lake	3	13	16
Other Lakes	68	76	144
SALTWATER FINFISH CHARTER BOAT:			
Cook Inlet North of Bluff Point	551	478	1029
Kachemak Bay including Bluff Point to Seldovia	411	367	778
Lower Cook Inlet West of Gore Point	383	465	848
Unpecified Cook Inlet/Kachemak Bay	1	72	73
SALTWATER FINFISH PRIVATE BOAT:			
Cook Inlet North of Bluff Point	261	208	469
Kachemak Bay including Bluff Point to Seldovia	267	264	531
Lower Cook Inlet West of Gore Point	109	126	235
Boat - Unpecified Cook Inlet/Kachemak Bay	1	23	24
SALTWATER FINFISH SHORELINE:			
Cook Inlet North of Bluff Polnt	15	15	30
Other Lower Cook Inlet/Kachemak Bay Shore exc. Homer Spit	10	18	28
Shoreline - Unpecified Cook Inlet/Kachemak Bay	0	2	2
Homer Spit (Kachemak Bay)	245	221	466

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	Number of respondents		
	Standard	Supplementary	Total
Area P. Kenai Peninsula Area (continued)			
SALTWATER SHELLFISH			
Cook Inlet North of Bluff Point	0	2	2
Kachemak Bay	74	75	149
Anchor River to Deep Creek	60	40	100
Deep Creek to set net access	122	105	227
Clam Gulch (set net access to Kasilof River)	159	186	345
Shoreline - Other	4	12	16
Area Q. Kodiak Area			
SALTWATER:			
Boat - Chiniak Bay Area	136	99	235
Boat - Afognak Island Area	59	28	87
Boat - Uyak Bay	15	11	26
Boat - Shuyak Area	10	2	12
Boat - Ugak Bay	18	6	24
Boat - Pauls Bay	10	3	13
Boat - Unspecified Remote Sites	16	10	26
Boat - Other	31	80	111
Shoreline - Chiniak Bay Area	6	19	25
Shoreline - Other	17	15	32
FRESHWATER:			
Buskin River	92	79	171
American River	53	46	99
Olds River (or Creek)	48	24	72
Pasagshak Drainage	57	34	91
Red River (Ayakulik)	11	12	23
Saltery Cove Drainage	24	15	39
Karluk Lake and River above Weir	11	9	20
Karluk Lagoon and River below Weir	10	10	20
Other Road System Streams	14	28	42
Other Streams	23	39	62
Other Lakes	5	4	9
Other Road System Lakes	12	9	21
Area R. Naknek River Drainage-Alaska Peninsula Area			
SALTWATER:			
Boat - Unalaska Bay	18	13	31
Boat - Other	19	15	34
Shoreline - Other	13	11	24
FRESHWATER:			
Cold Bay Area (including Russel Creek)	11	6	17
Unalaska Bay Streams	12	3	15
Other Alaska Peninsula / Aleutian Streams	13	16	29
Naknek River above Rapids Camp	37	22	59
Naknek River below Rapids Camp	40	40	80
Naknek River and Tributaries	5	25	30
American Creek	13	11	24
Brooks River	28	17	45
Ugashik System	6	12	18
Becharof System	8	19	27
Other Streams	11	14	25
Naknek Lake	8	7	15
Other Lakes	7	4	11

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	Number of respondents		
	Standard	Supplementary	Total
Area S. Kvichak River Drainage			
SALTWATER:			
Boat - Other	5	0	5
Shoreline - Other	0	1	1
FRESHWATER:			
Kvichak River	49	48	97
Newhalen River	20	13	33
Alagnak (Branch) River	47	42	89
Copper River (tributary of Iliamna Lake)	18	10	28
Lower Talarik Creek	12	9	21
Kulik River	17	15	32
Moraine Creek	18	12	30
Other Streams	4	4	8
Iliamna Lake	9	10	19
Lake Clark Drainage	24	16	40
Other Lakes	7	3	10
Area T. Nushagak Area			
SALTWATER:			
Boat - Other	7	2	9
Shoreline - Other	1	0	1
FRESHWATER:			
Nushagak River - Black Point upstream to Sonar Site	33	30	63
Nushagak River - Sonar Site to Outlet of Mulchatna	48	41	89
Nushagak River - upstream from mouth of Mulchatna R.	20	9	29
Nushagak River System	7	30	37
Wood River Lakes System	71	76	147
Togiak River System	31	25	56
Other Streams	8	10	18
Mulchatna River	15	10	25
Tikchik-Nuyakuk Lake System	19	12	31
Other Lakes	4	5	9
Area U. Tanana River Drainages			
Upper Chena River	78	58	136
Lower Chena River, including Badger Slough (Chena Slough)	99	73	172
Piledriver Slough	21	16	37
Nenana River Drainage (excluding Brushkana Creek)	12	7	19
Lower Chatanika River (downstream of Elliot Hwy)	21	18	39
Upper Chatanika River (upstream of Elliot Hwy)	39	17	56
Salcha River	51	30	81
Delta Clearwater River	45	36	81
Brushkana Creek	13	8	21
Lower Tanana River	4	3	7
Middle Tanana River	22	14	36
Upper Tanana River	3	7	10
Other Streams	39	69	108
Minto Flats	13	19	32
Tangle Lakes and Tangle River	41	40	81
Birch Lake	58	49	107
Quartz Lake	47	36	83

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	Number of respondents		
	Standard	Supplementary	Total
Area U. Tanana River Drainages (continued)			
Fielding Lake	9	6	15
Chena Lake (Lake only)	53	51	104
Harding Lake	22	14	36
Dune Lake	8	4	12
Steese Ponds	11	8	19
Chena Hot Springs Road Ponds	22	18	40
Coal Mine Road Lakes	7	7	14
Eielson Air Force Base Lakes	21	18	39
Other Lakes	70	92	162
Area V. Kuskokwim River - Goodnews Drainages			
SALTWATER:			
Boat - Other	1	0	1
FRESHWATER:			
Kuskokwim River Drainages above Aniak River:			
Kuskokwim River mainstem, above Aniak River	8	4	12
Holitna River	13	9	22
Other Streams	4	8	12
Other Lakes	2	3	5
Kuskokwim River Drainages below Aniak River:			
Kuskokwim River mainstem, below Aniak River	4	10	14
Aniak River	8	10	18
Kisaralik River	7	6	13
Kwethluk River	8	5	13
Other Streams	2	7	9
Other Lakes	2	0	2
Kuskokwim Bay Drainages:			
Kanektok River	25	24	49
Goodnews River	17	14	31
Other Streams	8	6	14
Other Lakes	1	1	2
Other Streams	0	2	2
Area W. Seward Peninsula-Norton Sound Drainages			
SALTWATER:			
Boat - Other	4	0	4
Shoreline - Other	3	2	5
FRESHWATER:			
Nome River	10	13	23
Unalakleet River	20	13	33
Sinuk River	6	6	12
Other Streams	38	27	65
Other Lakes	0	1	1

-continued-

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	Number of respondents		
	Standard	Supplementary	Total
Area X. Northwest Alaska Drainages			
SALTWATER:			
Boat - Other	0	2	2
Shoreline - Other	2	1	3
FRESHWATER:			
Kobuk River	12	15	27
Noatak River	9	8	17
Other Streams	6	12	18
Other Lakes	2	1	3
Area Y. Yukon River Drainages			
SALTWATER:			
Boat - Other	1	0	1
FRESHWATER:			
Yukon River Drainages (downstream from Koyukuk River):			
Innoko River Drainage	11	5	16
Other Streams (Yukon R. Drainages below Koyukuk R.)	16	11	27
Yukon River Drainages (Koyukuk River to Fort Yukon):			
Koyukuk River Drainage (excluding Haul Road drainages or unspecified)	21	15	36
Dall River	4	8	12
Haul Road Lakes and Streams in Koyukuk Drainage	3	8	11
Other Streams (Yukon R. Drainages - Koyukuk R. to Fort Yukon)	32	18	50
Other Lakes (Yukon R. Drainages - Koyukuk R. to Fort Yukon)	2	1	3
Other Streams (Yukon R. Drainages - Fort Yukon to Canadian Border)	7	3	10
Other Streams	1	6	7
Area Z. North Slope–Brooks Range Drainages			
SALTWATER:			
Shoreline - Other	2	0	2
FRESHWATER:			
Sagavanirktok River	6	9	15
Haul Road Streams	4	2	6
Other Streams	3	10	13
Haul Road Lakes	2	2	4
Other Lakes	2	2	4

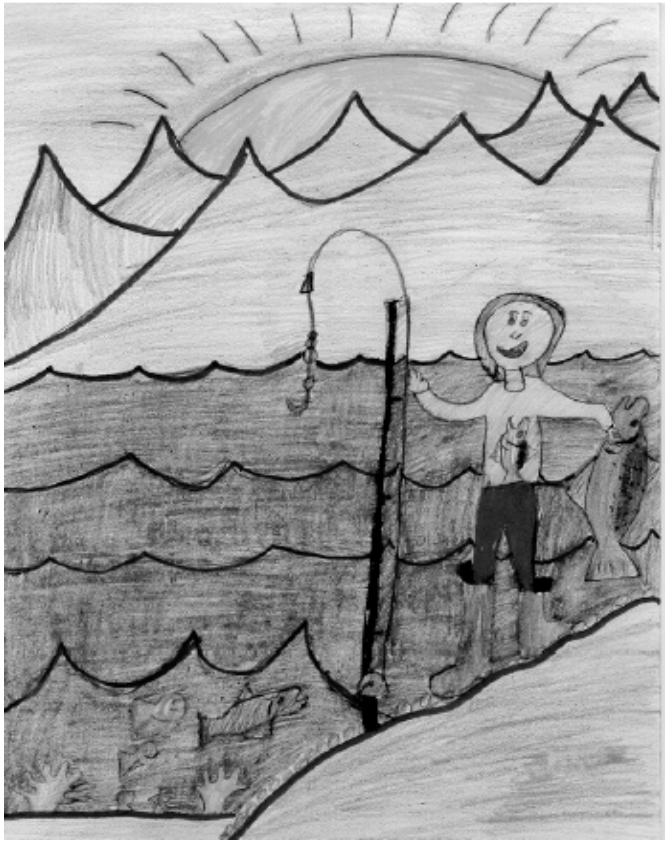
APPENDIX B. QUESTIONNAIRES AND REMINDERS

ALASKA DEPARTMENT OF FISH AND GAME

2004 Sport Fish Survey

If you have questions about this survey, please call (907) 267-2369, or email us at SFPUB@fishgame.state.ak.us.

Please visit the Department's web site at: **http://www.adfg.state.ak.us/**



Cover art by MacKenzie Bowden, 2nd grade.
Tanaina Elementary School, Wasilla, Alaska. 2003.

We are interested in knowing about your ***sport and personal use fishing and shell-fish harvest*** *experiences in 2004.*

Even if you did not fish in 2004, please answer the Questions on page 3.

Respond only to those areas of Alaska where your household members ***sport fished. Do not include subsistence caught fish.***

Thank-you

Appendix B1.-Sport fish standard survey questionnaire, 2004.

INSTRUCTIONS:

Please help reduce costs: For statistical purposes we mail 2 reminders to those who do not respond. You can help reduce costs by replying promptly.

Period covered: January 1 through December 31, 2004.

Who to include: Report your household's sportfishing only. Do not include visiting friends or relatives.

What if your household did not sport fish in 2004? Answer the questions on page 3 and return the survey in the postage-paid envelope so we may avoid mailing you additional 2004 surveys. **Thanks for your assistance!**

What if your household did sport fish in 2004? (1) Read all instructions on this page, (2) review the EXAMPLE below, (3) answer the questions on page 3, (4) refer to the map on page 3 and then complete the pages that cover the areas sport fished, and (5) return the survey in the postage-paid envelope. **Thanks for your assistance!**

What to include: Report all sportfishing, dipnet-caught salmon on dipnetting pages, and shellfish where requested by your household members only.

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 2004 sportfishing, including ice fishing. Most people do not ice fish, but if you do, please disregard any reminders received prior to completion of all 2004 sportfishing.

Still have questions? If you have questions about this survey, please call (907) 267-2369 or contact us via email at SFPUB@fishgame.state.ak.us

SPORT ANGLERS LIVING OUTSIDE OF THE UNITED STATES The postage permit that we have for return mail is good only in the United States. However, it is very important that anglers who do not live in the United States return their survey to us. Therefore, we must ask that you supply your own postage in order to return the survey questionnaire. We hope you will consider this as an additional contribution towards sound management of Alaska's sport fisheries.

EXAMPLE: ***HOW TO RECORD YOUR HOUSEHOLD'S SPORT FISHING.***

A man and a woman fished together on 3 trips to the Kenai River. They fished 1 day on each trip and caught a total of 4 silver salmon and kept all 4. The man fished alone for half a day on each of 2 other trips to the Kenai River, but caught nothing. Thus for the Kenai River: Anglers = 2, Trips = 5 (3 by the man and woman together, 2 by the man alone), Days Fished = 8 (5 by the man, 3 by the woman).

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon-prior to July 1		King Salmon after and incl. July 1		Silver Salmon prior to Sept. 1		Silver Salmon after and incl. Sept. 1		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Steel-head Trout		Rainbow Trout		Arctic Grayling		White-fish		Northern Pike		Smelt		Other (Specify)	
Kenai and Kasilof Rivers Non-Guided				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Kenai River - Cook Inlet to Soldotna Bridge	2	5	8					4	4																										
2. Kenai River - Soldotna Bridge to Moose River	3	1	3							3	2																								

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, P.O. Box 25526, Juneau, AK 99802-5526; U.S. Fish and Wildlife Service, 4040 N. Fairfax Drive, Suite 300 Webb, Arlington, VA 22203 or O.E.O., U.S. Department of the Interior, Washington DC 20240.

For information on alternative formats for this and other department publications, please contact the department ADA Coordinator at (voice) 907-465-4120, (TDD) 907-465-3646, or (FAX) 907-465-2440.

GENERAL QUESTIONS: The questions below apply to members of your household and the **2004** sport fishing season.

1. **Total** number people in your household who sport fished in Alaska during 2004 ..... _____?

NO LICENSE PURCHASED

1A. Number of persons in your household **under 16 years of age** who sport fished in Alaska in 2004 ..... _____?

1B. Number of Alaska residents 60 years of age and older or the number of Alaska resident disabled veterans in your household who have a **permanent identification card for Alaska sport fishing (PID)**, including those who did not fish in Alaska ..... _____?

1C. Number of persons recorded in 1B who sport fished in Alaska in 2004 ..... _____?

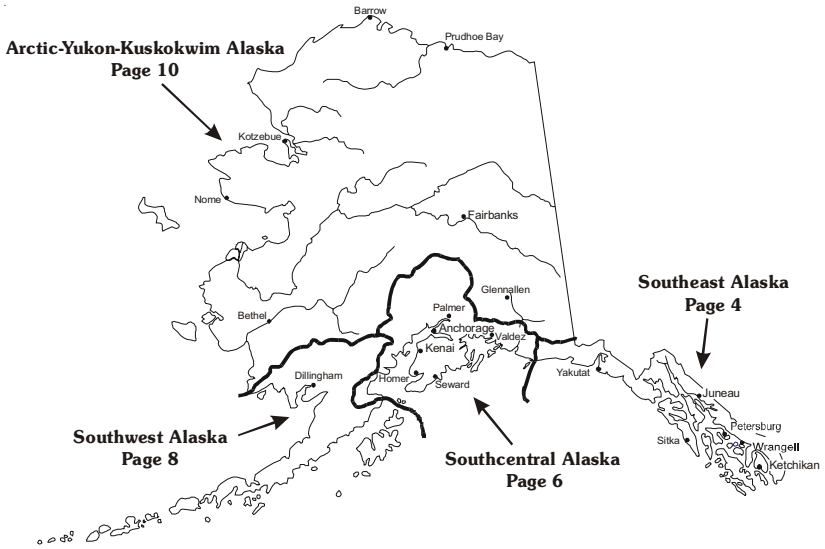
LICENSE PURCHASED

2A. Number of persons in your household who **purchased a 2004 sport fishing license**, including those who did not sport fish in Alaska. (DO NOT include anyone recorded in 1A, 1B, or 1C above) ..... _____?

2B. Number of persons recorded in 2A who **sport fished in Alaska** in 2004 ..... _____?

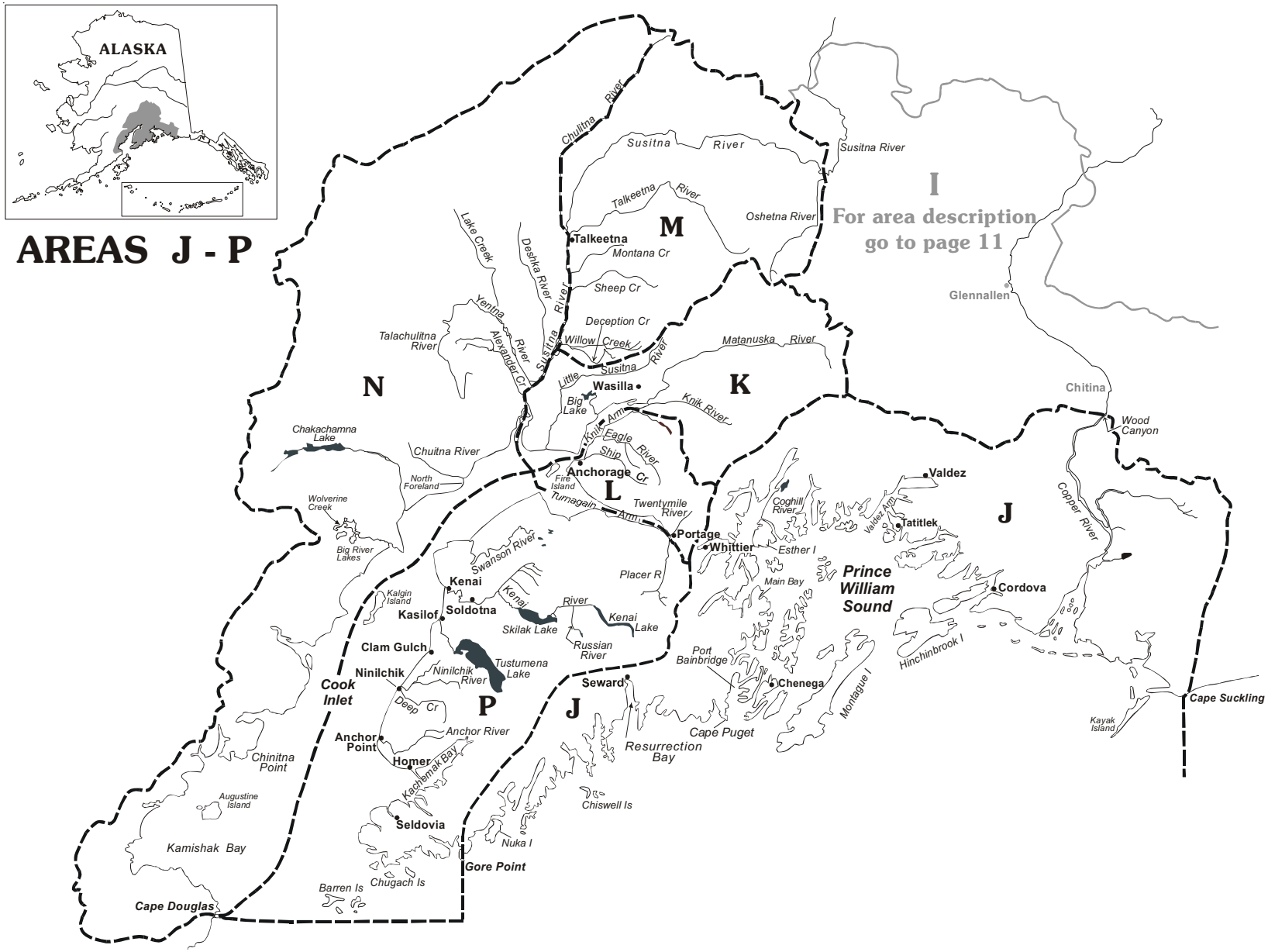
3. Please provide comments on sport fishing in Alaska during 2004.

Comments (enclose additional pages, if needed):



Appendix B1.-Page 4 of 48.

SOUTHEASTERN ALASKA SPORT FISH SURVEY AREAS		PAGE
A. KETCHIKAN AREA	All Alaska waters and drainages of the Unuk River and East Behm Canal south to the Proposed International Boundary line and east of a line bisecting Clarence Strait to the Canadian border. This area includes Duke, Annette, Revillagigedo, Gravina islands, and others. FISHING SITES: East and West Behm Canals, Clarence Strait, Revillagigedo Channel, Tongass Narrows, Yes Bay, Bell Island, Naha River, Ward Cove Creek, and others.	12
B. PRINCE OF WALES AREA	Alaska marine and fresh waters west of a line bisecting Clarence Strait and north of the Proposed International Boundary to a line bisecting Sumner Strait (including Forester Island in the south and Warren Island in the north.) FISHING SITES: Karta and Klawock rivers, Nossuk and Shaheen creeks, Sweetwater and Thorne systems, and others.	13
C. KAKE, PETERSBURG, WRANGELL, STIKINE AREA	Alaska waters, including freshwater drainages, bounded by a line from Ernest Sound east through Bradfield Canal to the Canadian border and north along a line bisecting Clarence Strait to Sumner Strait, bisecting Sumner Strait and turning south to, and including, Coronation Island. This area is bounded on the north by a line from the Canadian border west through Cape Fanshaw and bisecting Frederick Sound before ending at the Sitka Borough boundary in Chatham Strait. The Sitka Borough boundary extended south to Coronation Island forms the western boundary; the Canadian border forms the eastern boundary. Islands in this area include, but are not limited to, Etolin, Deer, Onslow, Sumner, Wrangell, Zarembo, Kupreanof, Mitkof, Farm, Kuiu, and Coronation. FISHING SITES: Blind Slough, Wrangell Narrows, Duncan Saltchuck, Duncan Canal; Grays Pass; Castle River; Anan, Petersburg, and Kadake creeks; and others.	14
D. SITKA AREA	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. FISHING SITES: Sitka Sound, Salisbury Sound, Eva Lake system, Baranof system, Sitkoh system, and others.	15
E. JUNEAU AREA	All Alaska marine and fresh waters bounded on the south by a line from the Canadian border west through Cape Fanshaw to the Sitka Borough boundary in Chatham Strait; on the east by the Canadian border; on the north by the Haines Borough/Juneau City and Borough boundary from Mount Nesselrode (Boundary Peak 98) on the Canadian border, west to Eldred Rock Lighthouse, south through Lynn Canal to and including Point Sherman, west through Lynn Canal and ending at the western boundary of Glacier Bay National Monument north of the Endicott River watershed; and on the west by all east-side drainages of the Lynn Canal and a line bisecting Chatham Strait south from Pt. Couverden to Frederick Sound. This area includes all of Admiralty Island. FISHING SITES: Doty Cove to Berners Bay (including all Berners Bay rivers) and west to Point Retreat; Dupont to Echo Cove and Douglas Island; Mitchell Bay Salt Lagoon; Salmon Creek Reservoir; Hasselborg, Florence, Turner, and Peterson lakes; and others.	16
F. HAINES-SKAGWAY AREA	All Alaska marine and fresh waters north of the Haines Borough/Juneau City and Borough boundary from Mount Nesselrode (Boundary Peak 98) Canadian border, west to Eldred Rock Lighthouse, south through Lynn Canal to latitude of Point Sherman, west through Lynn Canal and ending at the western boundary of Glacier Bay National Monument north of the Endicott River watershed; and north and east of this National Monument boundary to the Canadian border. The area does not include Pt. Sherman. FISHING SITES: Chilkoot River, Chilkoot Lake, and others.	17
	SKAGWAY SUB-AREA:That portion of the Haines-Skagway Area north of a line from Taiya Point east to the Canadian border and north and east of the Ferebee River drainage (excludes Ferebee River). HAINES SUB-AREA: Remainder of Haines-Skagway Area.	
G. GLACIER BAY AREA	All marine and fresh waters within the Glacier Bay National Park boundaries excluding the park and preserve north of Cape Fairweather, all east-side drainages of Excursion Inlet, and marine and fresh waters adjacent to, or including, Chichagof Island drainages into Icy Strait, Cross Sound, Port Frederick, Lisianski Inlet, and the Gulf of Alaska south to the north side of, but not including, Goulding Harbor and Hill Island. Islands in this area include, but are not limited to, Yakobi, Inian, Lemesurier, Pleasant, and the nothern half of Chichagof. FISHING SITES: Icy Strait, Cross Sound, Bartlett River, Salmon River, Berg Bay, Mud Bay Creek, and others.	18
H. YAKUTAT AREA	All Gulf of Alaska drainages from Cape Fairweather north to, but not including, Cape Suckling. This area includes associated salt water and is bounded inland by the Canadian border and the Bagley Icefield. FISHING SITES: Situk River, Lost River, Ankau Lagoon, Tsiu River, Italio River, Yakutat Bay, and others.	19



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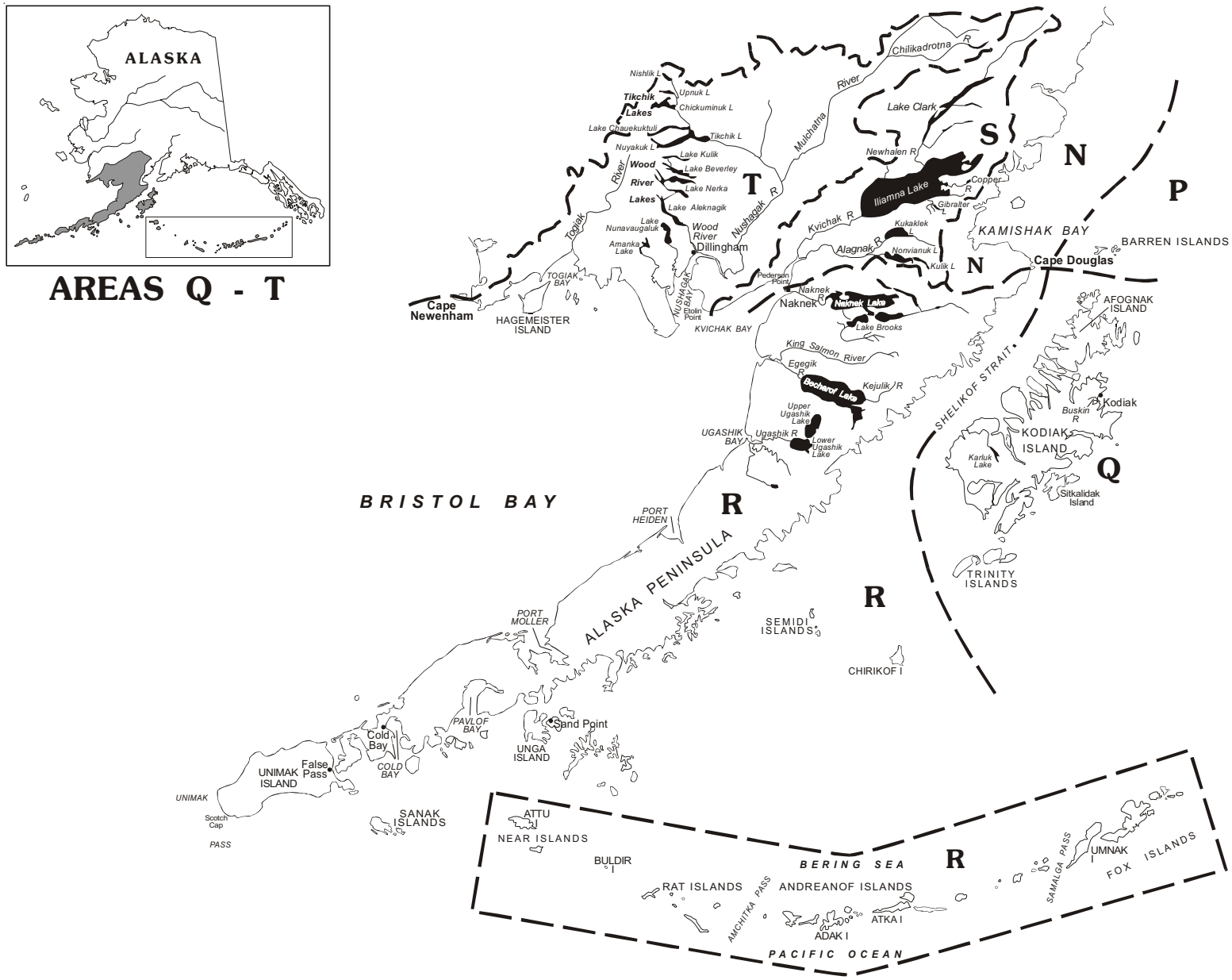
	SOUTHCENTRAL ALASKA SPORT FISH SURVEY AREAS		PAGE
I.	UPPER COPPER-UPPER SUSITNA DRAINAGES	See page 11 for Survey Area description.	20
J.	NORTH GULF COAST/PRINCE WILLIAM SOUND AREA	All saltwater and freshwater drainages from Cape Suckling on the east through Prince William Sound to Gore Point (including 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. FISHING SITES: Valdez Bay; Passage Canal (Whittier); Resurrection Bay (Seward), Aialik Bay, Nuka Bay; Hinchinbrook Entrance, Montague Strait, and Chiswell Islands; Eshamy and Shrode creeks; Eyak, Coghill, and Pigot rivers; Eshamy and Shrode lakes; and others.	22-23
K.	KNIK ARM DRAINAGE AREA	All watersheds of the Matanuska River, Knik River, and Little Susitna River, as well as east-side drainages of the Susitna River from Cook Inlet north to, but not including, the Willow Creek drainage. Also Knik Arm west of the Anchorage municipal boundary and its drainages, including the Nancy Lake Recreation Area. Includes fish caught from the east bank of this portion of the Susitna River. FISHING SITES: Little Susitna River; Fish Creek area; Wasilla, Cottonwood, and Jim creeks; Wasilla, Finger, Lucille, Nancy and Big lakes; Kepler Lake complex; Eklutna power plant raceway; and others.	24-25
L.	ANCHORAGE AREA	All marine and fresh waters bounded by the Eklutna River drainage on the north, the Chugach Mountains on the east, Knik Arm on the west, and Turnagain Arm to Ingram Creek (including Portage Creek and Placer River) on the south. FISHING SITES: Ship, Bird, Campbell, Portage, and Ingram creeks; Portage, Twentymile and Eagle rivers; Jewel, Campbell Point, Sand, Lower Fire, Mirror, Otter, Clunie, Gwen, Sixmile, Green, Hillberg, Triangle, C Street, Beach, Fish, and Cheney lakes; and others.	26-27
M.	EAST-SIDE SUSITNA DRAINAGE AREA	All drainages of the Susitna River from its confluence with the Oshetna River downstream to its confluence with the Chulitna River near Talkeetna and including the Oshetna River drainage; all east-side drainages of the Susitna River from Talkeetna to, and including, Willow and Deception creeks on the south; and all east-side drainages of the Middle Fork of the Chulitna River, from near Summit to near Talkeetna. This includes all fish caught while fishing from the east bank of the Susitna and Chulitna rivers from Willow Creek north to near Summit. FISHING SITES: Willow, Deception, Caswell, Montana, Sunshine, Clear (Chunilna), Sheep, and Little Willow creeks and Kashwitna, Benka, and Byers Lakes. (Does not include Little Susitna River, see pages 22-23, KNIK ARM DRAINAGE AREA.)	28
N.	WEST-SIDE COOK INLET WEST-SIDE SUSITNA DRAINAGE AREA	All west-side drainages of the Susitna River, from its confluence with the Chulitna River near Talkeetna to Cook Inlet; all west-side drainages of the Chulitna River from Summit to its confluence with the Susitna, near Talkeetna; and all drainages emptying into Cook Inlet from the Susitna River to Cape Douglas and including Kamishak Bay and other associated salt water. This includes all fish caught while fishing from the west bank of the above river reaches. FISHING SITES: Deshka, Talachulitna, Chuitna, Theodore, and Lewis rivers; Alexander, Polly, and Lake creeks; Shell and Judd lakes; and others.	29
P.	KENAI PENINSULA AREA	All fresh water and associated salt water of the Kenai Peninsula bounded on the north by Turnagain Arm and including the Granite Creek drainage; on the west by Cook Inlet and including Kalgin Island; and on the east by the Placer River drainage, the Kenai River and Lake watershed, and waters flowing into the Gulf of Alaska west of Gore Point. FISHING SITES: Kenai, Anchor, Ninilchik, Russian, and Kasilof rivers; Deep and Stariski creeks; Hidden Lake; Swanson River and Swan Lake Canoe systems; and others. Includes Kachemak Bay, the Barren Islands, and Cook Inlet waters north of the latitude of Cape Douglas. (Does NOT include Resurrection Bay; see area J description on this page for Resurrection Bay).	31-34



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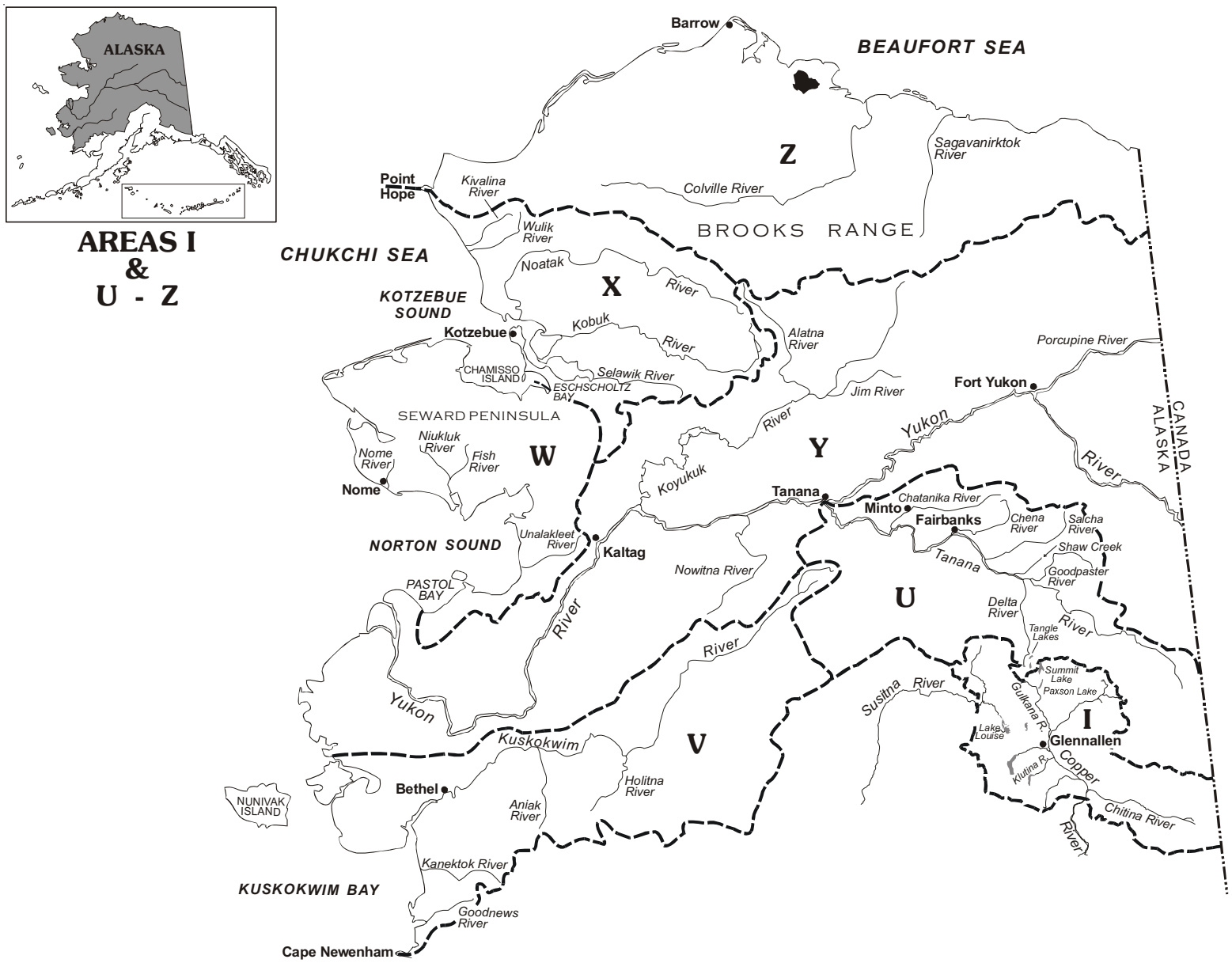
SOUTHWESTERN ALASKA SPORT FISH SURVEY AREAS		PAGE
Q. KODIAK AREA	All marine and fresh waters within the Kodiak Island Borough boundary. This includes Afognak Island in the north and the Trinity Islands in the south. FISHING SITES: Buskin and Pasagshak rivers; Karluk River, Lake and Lagoon; and others. (Does NOT include the Barren Islands, see pages 31-34, KENAI PENINSULA AREA).	35
R. NAKNEK DRAINAGES ALASKA PENINSULA AREA	All freshwater drainages of the Alaska Peninsula and the Aleutian Chain south of Cape Douglas and the Naknek watershed. Boundary waters are included as well as adjacent salt water and islands. FISHING SITES: Russel Creek (Cold Bay Area) Adak Island Area, Naknek River and Lake, Brooks River and Lake, Ugashik system, Becharof system, and other.	36
S. KVICHAK RIVER DRAINAGE AREA	All waters and tributaries of the Kvichak River watershed, including Nonvianuk Lake, Kukaklek Lake, Kulik Lake, Lake Iliamna, and Lake Clark. Also includes Kvichak Bay north of Naknek. FISHING SITES: Lower Talarik Creek; Copper, Newhalen, and Alagnak rivers; Gibraltar system; and others.	37
T. NUSHAGAK AREA	All waters and tributaries of the Nushagak River watershed, including the Mulchatna River drainage, the Wood River and Tikchik Lakes systems and waters westward to Cape Newenham. Includes adjacent salt water. FISHING SITES: Togiak River system, Chilikadrotna River, and others.	38


ALASKA
AREAS I
&
U - Z
Barrow
BEAUFORT SEA
Z
Sagavanirktok River
Colville River
BROOKS RANGE
Point Hope
Kivalina River
Wulik River
CHUKCHI SEA
Noatak
X
River
KOTZEBUE SOUND
Kobuk
River
Kotzebue
Alatna River
Porcupine River
CHAMISSO ISLAND
Selawik River
ESCHSCHOLTZ BAY
Jim River
Fort Yukon
SEWARD PENINSULA
River
Yukon
CANADA
ALASKA
Niukluk River
Fish River
Nome River
W
Y
River
Nome
Koyukuk
Tanana
Chatanika River
Minto
Fairbanks
Chena River
Salcha River
Unalakleet River
Kaltag
NORTON SOUND
Shaw Creek
Tanana
Nowitna River
Goodpaster River
PASTOL BAY
U
Delta River
River
Tangle Lakes
River
River
Summit Lake
Paxson Lake
Susitna River
Gulkana R.
Yukon
Kuskokwim
V
Lake Louise
I
Glennallen
Klutina R.
Copper
Holitna River
Bethel
NUNIVAK ISLAND
Aniak River
Chitina River
River
Kanektok River
KUSKOKWIM BAY
Goodnews River
Cape Newenham

ARCTIC-YUKON-KUSKOKWIM SPORT FISH SURVEY AREAS		PAGE
I. UPPER COPPER-UPPER SUSITNA DRAINAGES	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; also includes the upper Susitna River drainage east of its confluence with the Oshetna River. Does not include the Oshetna River. FISHING SITES: Crosswind, Tyone, Van, Paxson, Summit, Strelna, Sculpin, Hudson, and Susitna lakes; Lake Louise; Gulkana River; and others (Does not include Tangle Lakes, see pages 39 and 40, TANANA RIVER AREA).	20
U. TANANA RIVER DRAINAGES	The Tanana River watershed. FISHING SITES: Chena, Chatanika, Salcha, Delta Clearwater, Richardson Clearwater, Goodpaster, and Delta rivers; Shaw Creek; Badger Slough; Birch, Quartz, George, Volkmar, Fielding, Tangle, and Chena lakes; Summit, Broad Pass, and other small lakes in the Summit area; Minto Flats; and others.	39-40
V. KUSKOKWIM RIVER-KUSKOKWIM BAY DRAINAGES	The Kuskokwim River watershed. All waters flowing into Kuskokwim Bay; adjacent saltwater from Cape Newenham north to the Naskonat Peninsula (north of Nelson Island), and Nunivak Island. This area does not include the Pastolik River, nor any portion of the Tanana River watershed or Yukon River watershed. FISHING SITES: Kanektok, Goodnews, Aniak, and Holitna rivers, and others.	41
W. SEWARD PENINSULA-NORTON SOUND DRAINAGES	All waters north of the Yukon River drainage, south of the Selawik River-Kotzebue Sound area, and west of the Yukon-Koyukuk river drainages. This area includes Pastol Bay and all salt water north and west of it in Norton Sound as well as saltwater adjacent to the Seward Peninsula, including Spafarief Bay in Kotzebue Sound and the southern half of Eschscholtz Bay; and St. Lawrence Island. FISHING SITES: Unalakleet, Pastolik, Pilgrim, Nome, Fish and Niukluk rivers; and others.	42
X. NORTHWEST ALASKA DRAINAGES	All waters and drainages of the Kotzebue area including drainages of the Selawik, Kobuk, Noatak, Wulik, and Kivalina rivers. All salt water in the northern half of Eschscholtz Bay, including Chamisso Island area, and the northern half of Kotzebue Sound to and including Point Hope.	43
Y. YUKON RIVER DRAINAGES	The Yukon River watershed. All drainages of the Yukon River (including the Alaska portion of the White River drainage in the Wrangell Mts.) from the south side of the Brooks Range to the Bering Sea, from Naskonat Peninsula north to Pastol Bay; from the Canadian border, including the Alaskan portion of the Fortymile and Sixtymile river drainages, west to the Bering Sea. This area excludes all portions of the Tanana and Kuskokwim river watersheds. FISHING SITES: Innoko River, Haul Road/Dalton Highway lakes and streams.	44
Z. NORTH SLOPE BROOKS RANGE DRAINAGES	All drainages north of the Brooks Range flowing into the Beaufort and Chukchi Seas, east of Point Hope and west of the Canadian border, including adjacent saltwater areas.	45

A. KETCHIKAN AREA (see map page 4 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number caught and the number kept by your household. **DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.**

A	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Under 28"		King 28" and Over		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steelhead Trout		Rainbow Trout		Cutthroat Trout		Brook Trout		Arctic Grayling		Halibut		Lingcod see pg 47		Pacific Cod see pg 47		Rockfish see pg 47		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Boat - East, West, Behm Canals																																					
1008. Boat - Terminal Harvest Areas near Ketchikan (6/14 - 7/31)*†																																					
5. Boat - Yes Bay																																					
6. Boat - Bell Island																																					
728. Boat - Mountain Point																																					
730. Boat - Carroll Inlet																																					
737. Shoreline - Herring Cove																																					
7. Other Boat Sites (Specify):																																					
8. Other Shoreline Sites (Specify):																																					
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
10. Ward Cove Creek																																					
9. Naha River																																					
214. Ketchikan Creek																																					
134. Humpback Creek																																					
165. Reflection Lake																																					
180. Ward Lake																																					
200. McDonald Lake Drainage (Incl. lake)																																					
187. Winstanley Lake																																					
111. Other Streams (Specify):																																					
112. Other Lakes (Specify):																																					

*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.

B. PRINCE OF WALES AREA (see map page 4 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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	No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Under 28"		King 28" and Over		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steel-head Trout		Rainbow Trout		Cut-throat Trout		Smelt		Halibut		Lingcod see pg 47		Pacific Cod see pg 47		Rockfish see pg 47		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
736. Boat-Waterfall Bay																																			
1008. Boat-Eastside Prince of Wales Island																																			
1010. Boat-Westside Prince of Wales Island																																			
1055. Shoreline-Neck Lake Outlet Terminal Fishery*																																			
1. Other Boat Sites (Specify):																																			
2. Shoreline Sites (Specify):																																			
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
217. Thorne System (Stream, Lake)																																			
218. Sweetwater System (Stream, Lake)																																			
219. Kegan System (Stream, Lake)																																			
220. Sarkar System (Stream, Lake)																																			
3. Karta River																																			
5. Klawock River																																			
120. Eagle Creek																																			
124. Harris River																																			
158. Staney Creek																																			
115. Black Bear Creek																																			
191. Salmon Bay Creek																																			
216. Big ("108") Creek																																			
108. Other Streams (Specify):																																			
109. Other Lakes (Specify):																																			

* Located within the Whale Pass area

C. KAKE, PETERSBURG, WRANGELL, STIKINE AREA (see map page 4 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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	No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Under 28"		King 28" and Over		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steel-head Trout		Rainbow Trout		Cut-throat Trout		Brook Trout		Arctic Grayling		Smelt		Halibut		Lingcod see pg 47		Rockfish see pg 47		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
728. Boat-Frederick Sound near Petersburg																																					
1. Boat-Terminal Harvest Area near Petersburg (6/1 - 7/31) *†																																					
906. Boat-Rest of Petersburg Area																																					
908. Boat-Wrangell Area																																					
910. Boat-Earl West Cove																																					
776. Boat-Kake Area																																					
907. Shoreline-Petersburg Road System																																					
909. Shoreline-Wrangell Road System																																					
4. Other Boat Sites (Specify):																																					
7. Other Shoreline Sites (Specify):																																					
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
5. Blind Slough (in Wrangell Narrows)																																					
8. Castle River																																					
9. Anan Creek																																					
10. Petersburg Creek																																					
175. Stikine River																																					
202. Pat's Lake (Trout Lake)																																					
216. Thoms Creek & Lake																																					
112. Other Streams (Specify):																																					
113. Other Lakes (Specify):																																					

*Described as that portion of Wrangell Narrows, south of 56^{0} 46'N. lat. (Martinsen's dock) and north of the latitude of the northern tip of Woewodski Island.
†A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.

D. SITKA AREA (see map page 4 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

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D	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Under 28"		King 28" and Over		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steel-head Trout		Rainbow Trout		Cut-throat Trout		Brook Trout		Arctic Grayling		Smelt		Halibut		Lingcod see pg 47		Rockfish see pg 47		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
724. Boat-Sitka Sound (excluding Terminal Harvest Area) (Specify) :																																					
1054. Boat-Terminal Harvest Area (Silver Bay) *† (6/25-7/31)																																					
766. Boat-Salisbury Sound																																					
1044. Boat-Outer Coast of Kruzof Island																																					
1046. Boat-Tenakee area																																					
1048. Boat-East Shore of Baranof Island (excluding Terminal Harvest Area)																																					
1056. Boat-Terminal Harvest Area (Hidden Falls)**†(6/25-7/31)																																					
1050. Boat-West Chichagof Island																																					
1053. Shoreline-Sitka Road System																																					
1. Other Boat Sites (Specify):																																					
2. Other Shoreline Sites (Specify):																																					
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
3. Plotnikof and Rezanof System (Lake, Stream)																																					
8. Eva Lake System																																					
14. Sitkoh System																																					
148. Salmon Lake																																					
186. Baranof System																																					
107. Other Streams (Specify):																																					
110. Other Lakes (Specify):																																					

*Described as marine waters of Silver Bay east of a line from Entry Point to Silver Point.

**Described as waters within two miles of the Baranof Island. shoreline south of a marker on South Point and north of a marker south of Takatz Bay.

†A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.

E. JUNEAU AREA (see map page 4 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For 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 House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Under 28"		King 28" and Over		Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steel-head Trout		Rainbow Trout		Cut-throat Trout		Brook Trout		Smelt		Halibut		Lingcod see pg 47		Pacific Cod see pg 47		Rockfish see pg 47		Other (Specify)	
Sport Fishing				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	CAUGHT	KEPT
SALTWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Boat-Doty Cove to Berners Bay and West to Point Retreat (excluding Terminal Harvest Area)																																							
956. Boat-Terminal Harvest Area *† (6/4 - 8/31)																																							
758. Boat-Angoon Area																																							
923. Shoreline-Auke Creek Mouth																																							
939. Shoreline-Macaulay Hatchery (DIPAC)																																							
3. Shoreline-Other Juneau Road System																																							
2. Other Boat Sites (Specify):																																							
5. Other Shoreline Sites (Specify):																																							
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
143. Fish Creek (Douglas I.)																																							
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																																							
107. Other Streams (Specify):																																							
113. Other Lakes (Specify):																																							

*Described as marine waters east of a line from Pt. Louisa to the eastern shore of Portland I., to the N. tip of Outer Pt. on Douglas I and the waters west of the Juneau-Douglas Bridge.

†A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.

F. HAINES-SKAGWAY AREA (see map page 4 for area description). Please include **only** information for members of your household.

F1: That portion of the Haines-Skagway Area north of a line from Taiya Point east to the Canadian border and north and east of the Ferebee River drainage (excludes Ferebee River).

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number caught and the number kept by your household. **DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.**

SKAGWAY SUB-AREA

F1 Sport Fishing	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Under 28"		King 28" and Over		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steel-head Trout		Rainbow Trout		Cut-throat Trout		Brook Trout		Arctic Grayling		Halibut		Lingcod see pg 47		Pacific Cod see pg 47		Rockfish see pg 47		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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
736. Boat - Taiya Inlet																																					
1. Other Boat Sites (Specify):																																					
2. Shoreline Sites (Specify):																																					
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
121. Pullen Creek and Pond																																					
108. Skagway Area Streams (Specify):																																					
109. Skagway Area Lakes (Specify):																																					

HAINES SUB-AREA F2: Remainder of the Haines-Skagway Area.

F2 Sport Fishing	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Under 28"		King 28" and Over		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steel-head Trout		Rainbow Trout		Cut-throat Trout		Brook Trout		Arctic Grayling		Halibut		Lingcod see pg 47		Pacific Cod see pg 47		Rockfish see pg 47		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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
732. Boat-Chilkoot Inlet																																					
730. Boat-Chilkat Inlet																																					
1. Other Boat Sites (Specify):																																					
2. Shoreline Sites (Specify):																																					
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
5. Chilkoot Lake																																					
130. Chilkat Lake																																					
3. Chilkoot River																																					
107. Chilkat River																																					
108. Haines Area Streams (Specify):																																					
109. Haines Area Lakes (Specify):																																					

G. GLACIER BAY AREA (see map page 4 for area description). Please include **only** information for members of your household.

① **Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

② **Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③ **Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④ 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.**

G	No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Under 28"		King 28" and Over		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steel-head Trout		Rainbow Trout		Cut-throat Trout		Smelt		Halibut		Lingcod see pg 47		Pacific Cod see pg 47		Rockfish see pg 47		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
736. Boat-Glacier Bay proper (inside Glacier Bay National Park)*																																			
972. Boat-Glacier Bay NP(NOT within Glacier Bay proper) *																																			
968. Boat-Icy Strait (NOT within Glacier Bay NP)																																			
970. Boat-Cross Sound (NOT within Glacier Bay NP)																																			
800. Boat-Outer coast Yakobi Island																																			
802. Boat-Homeshore area																																			
741. Shoreline-Gustavus Area																																			
769. Shoreline-Berg Bay																																			
805. Shoreline-northern Chichagof Island																																			
1. Other Boat Sites (Specify):																																			
2. Other Shoreline Sites (Specify):																																			
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
110. Salmon River																																			
105. Bartlett River																																			
127. Mud Bay Creek																																			
128. Game Creek																																			
129. Neka River																																			
103. Other Streams (Specify):																																			
104. Lakes (Specify):																																			

*Glacier Bay proper is described as all marine contiguous water inside or north of a line from Pt. Carolus and Pt. Gustavus.

H. YAKUTAT AREA (see map page 4 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	Small King Salmon*		Large King Salmon*		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Steel-head Trout		Rainbow Trout		Cut-throat Trout		Northern Pike		Smelt		Halibut		Lingcod see pg 47		Pacific Cod see pg 47		Rockfish see pg 47		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
724. Boat-Yakutat Bay																																					
750. Boat-Ankau Lagoon																																					
725. Shoreline-Yakutat Bay																																					
751. Shoreline-Ankau Lagoon																																					
1. Other Boat Sites (Specify):																																					
2. Other Shoreline Sites (Specify):																																					
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
148. Situk River, above weir**																																					
149. Situk River, below weir**																																					
120. Lost River																																					
134. Tsiu River																																					
135. East Alsek River																																					
117. Italio River																																					
104. Other Streams (Specify):																																					
105. Other Lakes (Specify):																																					

*__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.

I. UPPER COPPER-UPPER SUSITNA DRAINAGES (see map page 10 for area description). Please include **only** information for members of your household.

① **Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

② **Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③ **Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④ 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.**

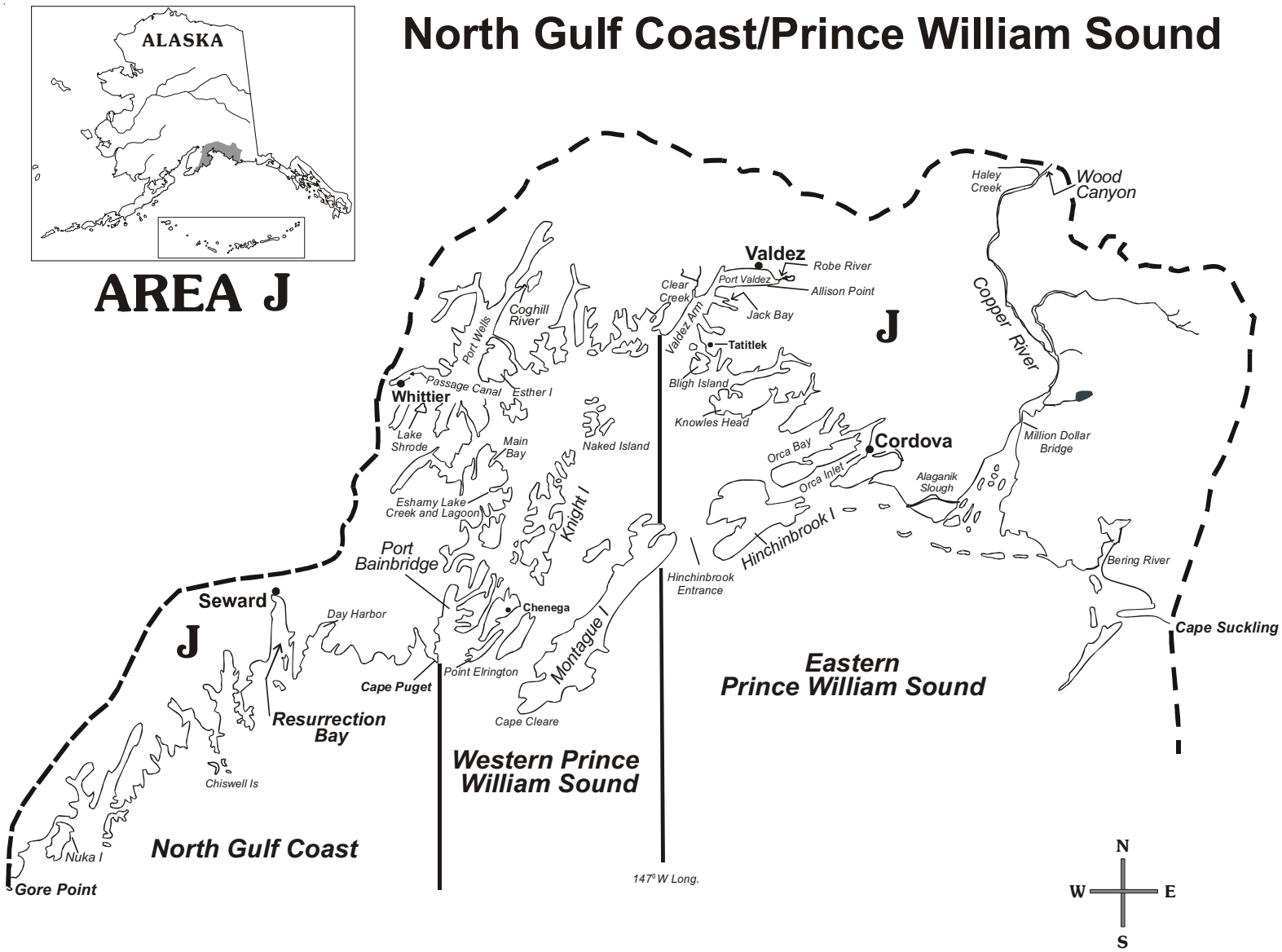
I	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	Sea-run King Salmon		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Lake Trout		Dolly V. Arctic Char		Steel-head Trout		Rainbow Trout		Arctic Grayling		Whitefish		Burbot		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
500. Gulkana River (Paxson to West Fork)																											
600. Gulkana River (West Fork to Hwy.)																											
16. Gulkana River (Hwy. to Copper River)																											
2. Gulkana River (above Paxson, West Fork, Middle Fork)																											
416. Klutina River																											
212. Mendeltna Creek																											
287. Tonsina River																											
295. Tyone Creek																											
398. Tolsona Lake																											
10. Lake Louise*																											
11. Susitna Lake																											
12. Tyone Lake																											
4. Silver Lake																											
13. Paxson Lake																											
14. Summit Lake (near Paxson)																											
8. Crosswind Lake																											
110. Other Streams (Specify):																											
111. Other Lakes (Specify):																											

*Mile 160 Glenn Highway at the end of Lake Louise Road.

I1*	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	Sea-run King Salmon	Sea-run Silver Salmon	Red Salmon	Other (Specify)
DIPNETTING							
Freshwater Finfish*				Kept	Kept	Kept	Kept
PERSONAL USE DIPNET FISHERIES	★	★	★	★	★	★	★
9010. Copper River Dipnet (near Chitina)							

* Please write the number of anglers, number of trips, and number of days fished on all trips for your household's PERSONAL USE DIPNET fishing. Do NOT inlcude any fishwheel information.

** For each variety of fish, write the total number taken by PERSONAL USE DIPNET by your household.


North Gulf Coast/Prince William Sound
ALASKA
AREA J
J
Valdez
Robe River
Port Valdez
Allison Point
Jack Bay
Clear Creek
Valdez Arm
Tatitlek
Bligh Island
Knowles Head
Haley Creek
Wood Canyon
Copper River
Cordova
Orca Bay
Orca Inlet
Alaganik Slough
Million Dollar Bridge
Bering River
Cape Suckling
Hinchinbrook I
Hinchinbrook Entrance
Eastern Prince William Sound
Coghill River
Port Wells
Whittier
Passage Canal
Esther I
Lake Shrode
Main Bay
Naked Island
Eshamy Lake Creek and Lagoon
Knight I
Port Bainbridge
Chenega
Montague I
Point Elrington
Cape Cleare
Cape Puget
Seward
Day Harbor
Resurrection Bay
Chiswell Is
Nuka I
Gore Point
Western Prince William Sound
North Gulf Coast
147° W Long.
N
W
E
S

J. NORTH GULF COAST/PRINCE WILLIAM SOUND AREA (see map page 6 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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 Angler's Calendar Days Fished	King Salmon		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly V. Arctic Char		Steel-head Trout		Cut-throat Trout		Halibut		Shark		Rockfish see pg 47		Lingcod see pg 47		Pacific Cod see pg 47		King Crab		Dunge-ness Crab		Tanner Crab	Shrimp (gallons)	Other (Specify)	
Saltwater Sport Fishing from a Boat				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	KEPT	KEPT	CAUGHT	KEPT
(See Map on Pg. 21)				**S A L T W A T E R F I S H I N G F R O M A B O A T**																																	
Trip ENDED in SEWARD: Fish were caught in (indicate below):																																					
1101. Resurrection Bay																																					
1102. Other North Gulf Coast waters (map on pg.21)																																					
1103. Western Prince William Sound																																					
1104. Other Boat site (Specify) or indicate Unknown:																																					
Trip ENDED in WHITTIER, CHENEGA, or other site in western PRINCE WILLIAM SOUND: Fish were caught in (indicate below):																																					
1201. Western Prince William Sound																																					
1202. Eastern Prince William Sound																																					
1203. Other Boat site (Specify) or indicate Unknown:																																					
Trip ENDED in VALDEZ: Fish were caught in (indicate below):																																					
1301. Western Prince William Sound																																					
1302. Eastern Prince William Sound																																					
1305. Valdez Arm																																					
1303. Other Boat site (Specify) or indicate Unknown:																																					
Trip ENDED in CORDOVA: Fish were caught in (indicate below):																																					
1401. Western Prince William Sound																																					
1402. Eastern Prince William Sound																																					
1403. Other Boat site (Specify) or indicate Unknown:																																					
Trip ENDED OTHER than above: Fish were caught in (indicate below):																																					
1500. Other site (Specify) or indicate Unknown:																																					

Please note: "J" is continued on the next page.

J. NORTH GULF COAST/PRINCE WILLIAM SOUND AREA (see map page 6 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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 Angler's Calendar Days Fished	King Salmon		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly V. Arctic Char		Steel-head Trout		Rainbow Trout		Cut-throat Trout		Arctic Grayling		Halibut		Shark		Rockfish see pg 47		Lingcod see pg 47		King Crab		Dunge-ness Crab		Tanner Crab		Hard Shell Clams (gallons)	Shrimp (gallons)	Other (Specify)	
Sport Fishing				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	KEPT		KEPT	KEPT	CAUGHT	KEPT
SALTWATER FISHING FROM SHORE				★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1008. Shoreline - Resurrection Bay (Seward)																																									
759. Shoreline - Whittier, Passage Canal																																									
727. Shoreline - Valdez Road System																																									
747. Shoreline - Remainder of Valdez Arm																																									
729. Shoreline - Orca Inlet (Cordova)																																									
4. Other Shoreline Site (Specify):																																									
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
5. Eyak River																																									
307. Eshamy Lake, Creek, and Lagoon																																									
7. Coghill River																																									
114. Alaganik Slough																																									
222. Robe River Drainage																																									
308. Clear Creek																																									
12. Shrode Lake																																									
110. Other Streams (Specify):																																									
113. Other Lakes (Specify):																																									

K. KNIK ARM DRAINAGE AREA - Page 1 of 2 (see map page 6 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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 House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	Sea-run King Salmon		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Arctic Grayling		Whitefish		Northern Pike		Burbot		Smelt		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Boat - Fish Creek Area (***NOT*** dipnetting)																																	
2. Other Boat Sites (Specify):																																	
3. Shoreline Sites (Specify):																																	
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
234. Fish Creek, Big Lake Drainage (***NOT*** dipnetting)																																	
4. Little Susitna River																																	
5. Knik River & Tributaries, including Jim Creek																																	
6. Wasilla Creek (Rabbit Slough)																																	
7. Cottonwood Creek																																	
14. Eklutna Power Plant Raceway																																	
159. Meadow Creek, (Big Lake Drainage)																																	

Please note: "K FRESHWATER" is continued on the next page.

K. KNIK ARM DRAINAGE AREA - Page 2 of 2 (see map page 6 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each anglers's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For 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 Angler's Calendar Days Fished	Sea-run King Salmon		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Arctic Grayling		Whitefish		Northern Pike		Burbot		Smelt		Other (Specify)	
Sport Fishing				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 (Cont.)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
10. Kepler Lake Complex* (Specify):																																	
8. Wasilla Lake																																	
9. Finger Lake																																	
11. Lucille Lake																																	
12. Big Lake																																	
221. Long Lake (Mile 85 Glenn Hwy.)																																	
114. Other Streams (Specify):																																	
115. Other Lakes** (Specify):																																	
NANCY LAKE RECREATION AREA FISHING SITES					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
13. Nancy Lake																																	
241. South Rolly Lake																																	
242. Little Noluck Lake																																	
243. Big Noluck Lake																																	
244. Other Fishing Sites (within recreation area)																																	

*Kepler Complex=Bradley, Canoe, Echo, Irene, Kepler, Klaire, Matanuska, Silver, Victor Lakes, and Long Lake (catch and release).
**If Long Lake, specify location (Kepler Lakes, Mile 85 Glenn Hwy, Willow or Big Lake area).

L. ANCHORAGE AREA - Page 1 of 2 (see map page 6 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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 Angler's Calendar Days Fished	Sea-run King Salmon		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Dolly V. Arctic Char		Rainbow Trout		Arctic Grayling		Northern Pike		Whitefish		Smelt		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Boat Sites (Specify):																													
2. Shoreline Sites (Specify):																													
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
Anchorage Area Lakes			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3. Jewel Lake																													
4. Campbell Point Lake																													
5. Sand Lake																													
20. C Street Lake (Taku-Campbell Lake)																													
23. Cheney Lake																													
138. Delong Lake																													
Elmendorf Air Force Base Lakes				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
22. Fish Lake																													
11. Sixmile Lake																													
12. Green Lake																													
13. Hillberg Lake																													
19. Triangle Lake																													

Please note: "L FRESHWATER" is continued on the next page.

L. ANCHORAGE AREA - Page 2 of 2 (see map page 6 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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 Angler's Calendar Days Fished	Sea-run King Salmon		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Dolly V. Arctic Char		Rainbow Trout		Arctic Grayling		Northern Pike		Whitefish		Smelt		Other (Specify)	
Sport Fishing				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(Cont.)	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
FORT RICHARDSON LAKES		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
8. Otter Lake																													
9. Clunie Lake																													
10. Gwen Lake																													
OTHER ANCHORAGE AREA LAKES			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
6. Lower Fire Lake																													
7. Mirror Lake																													
21. Beach Lake																													
124. Other Lakes (Specify):																													
ANCHORAGE AREA CREEKS AND RIVERS				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
14. Ship Creek																													
15. Bird Creek																													
16. Campbell Creek																													
17. Twentymile River																													
218. Ingram Creek																													
18. Eagle River																													
125. Other Streams (Specify):																													

M. EAST SIDE SUSITNA DRAINAGE AREA (see map page 6 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Arctic Grayling		White-fish		Northern Pike		Burbot		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
143. Kashwitna River																															
4. Willow Creek																															
5. Caswell Creek																															
6. Montana Creek																															
7. Sunshine Creek																															
181. Troublesome Creek																															
170. Talkeetna River																															
8. Clear (Chunilna) Creek																															
9. Sheep Creek																															
10. Little Willow Creek																															
138. Goose Creek																															
117. Birch Creek																															
112. Other Streams (Specify):																															
111. Lakes (Specify):																															

N. WEST SIDE COOK INLET - WEST SIDE SUSITNA DRAINAGE AREA (see map page 6 for area description). Please include **only** information for members of your household.

① **Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

② **Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③ **Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

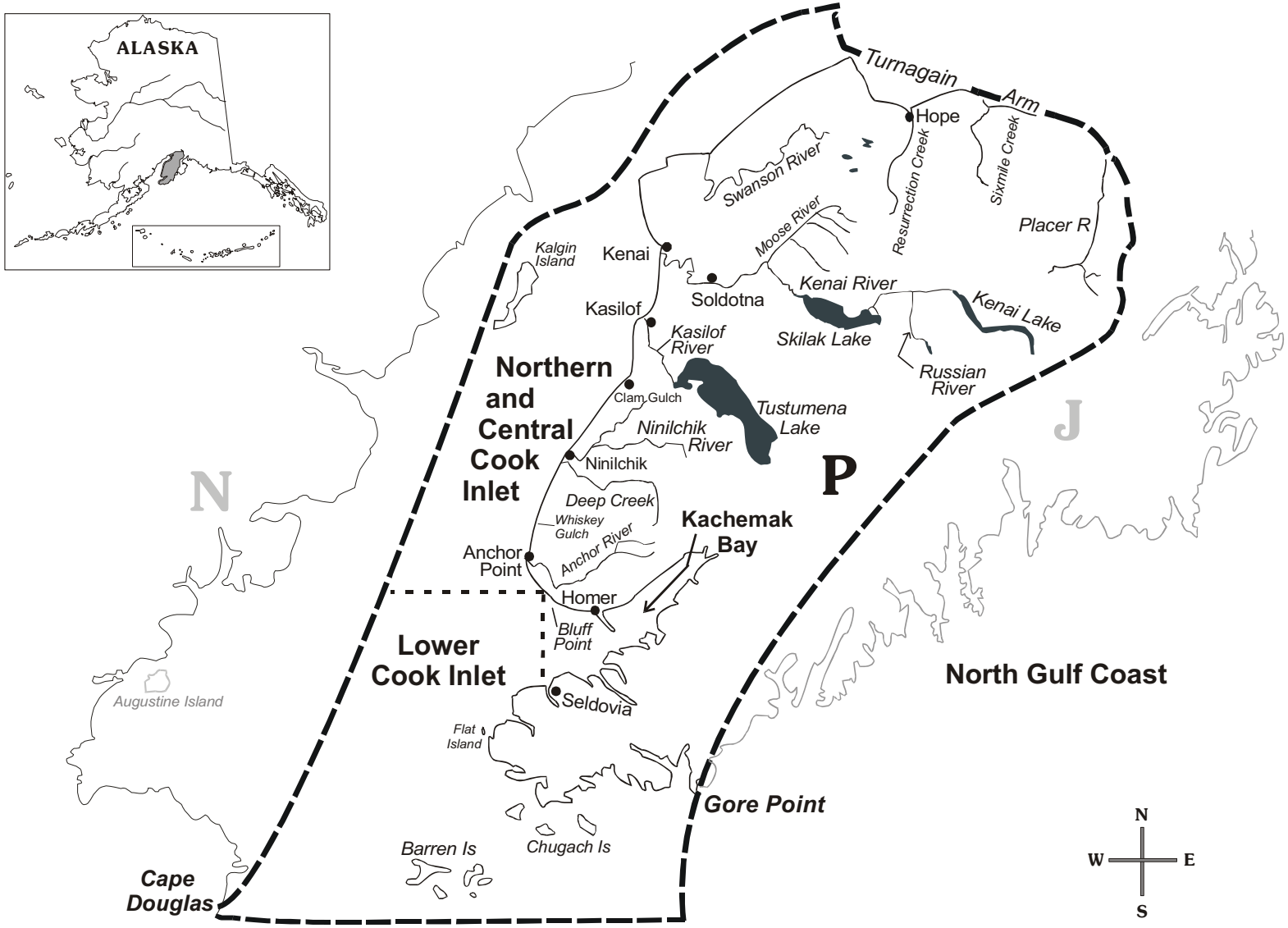
④ For each type of fish, write the total number caught and the number kept by your household. **DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.**

N	No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Salmon		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Arctic Grayling		Whitefish		Northern Pike		Burbot		Smelt		Halibut		Shark		Lingcod see pg 47		Pacific Cod see pg 47		Razor Clams	Other (Specify)	
Sport Fishing				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	KEPT	CAUGHT	KEPT
SALTWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
966. Boat Sites North of Chinitna Point (Specify):																																								
946. Boat Sites South of Chinitna Point (Specify):																																								
2. Shoreline Sites (Specify):																																								
16. Razor Clams: Polly Creek Beach/Crescent River Bar																																								
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
SUSITNA RIVER DRAINAGE FISHING SITES				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
347. Deshka River above weir*																																								
348. Deshka River below weir*																																								
4. Lake Creek																																								
171. Fish Lake Creek & Fish Lakes (Yentna Drainage)																																								
7. Talachulitna River																																								
117. Alexander Creek																																								
118. Alexander Lake																																								
262. Trapper Lake																																								
331. Other Sites (Specify):																																								
SUSITNA TO NORTH FORELAND FISHING SITES						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
8. Chuitna River																																								
10. Lewis River																																								
9. Theodore River																																								
332. Other Sites (Specify):																																								
SOUTH OF NORTH FORELAND FISHING SITES						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
186. Kustatan River																																								
340. Wolverine Creek (Big River Lakes)																																								
125. Big River Lakes																																								
237. Silver Salmon Creek																																								
6. Polly Creek																																								
333. Other Sites (Specify):																																								

*The weir is located at river mile 7 approximately 1 mile upstream from Lobs Homestead and 16 miles downstream of Neil Lake.

AREA P

Kenai Peninsula



P. KENAI PENINSULA AREA - PAGE 1 OF 4 (see map page 6 for area description). Please include only information for members of your household. Include only those trips under "guided" for which a sportfishing guide was paid to accompany you while sport fishing.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon-prior to July 1		King Salmon after and incl. July 1		Silver Salmon prior to Sept. 1		Silver Salmon after and incl. Sept. 1		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Steel-head Trout		Rainbow Trout		Arctic Grayling		White-fish		Northern Pike		Smelt		Other (Specify)	
Kenai and Kasilof Rivers Non-Guided				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
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																																			

P5	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon-prior to July 1		King Salmon after and incl. July 1		Silver Salmon prior to Sept. 1		Silver Salmon after and incl. Sept. 1		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Steel-head Trout		Rainbow Trout		Arctic Grayling		White-fish		Northern Pike		Smelt		Other (Specify)	
Kenai and Kasilof Rivers Guided				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
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																																			

Please note: "P" is continued on the next page.

P. KENAI PENINSULA AREA - PAGE 2 OF 4 (see map page 6 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number caught and the number kept by your household. **DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.**

P0	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	Sea-run-King Salmon		Sea-run Silver Salmon		Land-locked Kings, Silvers		Red Salmon Prior to and incl July 15		Red Salmon after July 15		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Steel-head Trout		Rainbow Trout		Arctic Grayling		White-fish		Northern Pike		Burbot		Smelt		Other (Specify)	
Other Freshwater Guided & Nonguided				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	CAUGHT	KEPT
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
5. Anchor River																																							
8. Stariski Creek																																							
7. Deep Creek																																							
6. Ninilchik River																																							
244. Tustumena Lake																																							
334. Swanson River																																							
14. Swanson River Canoe Route Lakes																																							
15. Swan Lake Canoe System																																							
228. Skilak Lake																																							
12. Hidden Lake																																							
9. Russian River*																																							
218. Quartz Creek																																							
147. Crescent Lake																																							
261. Resurrection Creek (near Hope)																																							
226. Sixmile Creek Drainage**																																							
111. Other Streams (Specify):																																							
114. Other Lakes (Specify):																																							

*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.

Please note: "P" is continued on the next page.

P. KENAI PENINSULA AREA - PAGE 3 OF 4 (see map page 6 for area description). Please include **only** information for members of your household.

① **Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

② **Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③ **Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④ 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	No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Salmon prior to and incl. June 24		King Salmon after June 24		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly V. Arctic Char		Steel-head Trout		Smelt		Halibut		Shark		Rockfish see pg 47		Lingcod see pg 47		Pacific Cod see pg 47		Other Finfish (Specify)	
NORTHERN AND CENTRAL COOK INLET Saltwater Finfish				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
CHARTER BOAT P6	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
980. Cook Inlet north of Bluff Point area including saltwaters around Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River																																	
PRIVATE BOAT P1	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
980. Cook Inlet north of Bluff Point area including saltwaters around Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River																																	
ALL FISHING FROM SHORE P1	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
981. Shoreline fishing north of Bluff Point (Specify):																																	

P 1,6	No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Salmon **Summer** Fishery*		King Salmon **Winter** Fishery**		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly V. Arctic Char		Steel-head Trout		Smelt		Halibut		Shark		Rockfish see pg 47		Lingcod see pg 47		Pacific Cod see pg 47		Other Finfish (Specify)	
LOWER COOK INLET AND KACHEMAK BAY Saltwater Finfish				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
CHARTER BOAT 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 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)																																	
ALL FISHING FROM SHORE P1	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
823. Homer Spit (Fishing on the Spit)																																	
991. Other Shoreline Fishing Sites (Specify):																																	

*Summer King fishery occurs April 1 - Sept. 30.
**Winter King fishery occurs Jan. 1 through Mar. 31 and Oct. 1 through Dec. 31.

Please note: "P" is continued on the next page.

P. KENAI PENINSULA AREA - PAGE 4 OF 4 (see map page 6 for area description). Please include **only** information for members of your household.

DIPNET/GILLNET

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number kept by your household. **DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.**

P3 DIPNET/GILLNET Finfish	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon Kept	Sea-run Silver Salmon Kept	Red Salmon Kept	Pink Salmon Kept	Chum Salmon Kept	Other (Specify) Kept
NET FISHERIES	★	★	★	★	★	★	★	★	★
9001. China Poot									
9002. Kenai River									
9003. Kasilof River (dipnet)									
9007. Kasilof River (gillnet)									

SHELLFISH

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each site fished, write the total number kept where indicated by your household. **DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.**

P2 Saltwater Shellfish	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	Hard Shell Clams (gallons) Kept	Razor Clams (nos.) Kept	Other Shellfish (Specify) Kept
SALTWATER	★	★	★	★	★	★
797. Kachemak Bay (including Bluff Point area to Seldovia)						
999. CLAMS: Deep Creek Beach (Anchor River to Deep Creek)				Gallons	Numbers	
997. CLAMS: Ninilchik Beach (Deep Creek to Set Net Access)*						
775. CLAMS: Clam Gulch (Set Net Access to Kasilof River)*						
4. Other Sites (Specify):						

*Set Net Access is a private road entering the beach approximately 10 miles north of Ninilchik and 8 miles south of the Clam Gulch beach access road.

HARDSHELL CLAMS

The **butter clam** shell is thick and white. It has heavy concentric gowth rings, but no vertical ridges. The shell's inner edge is smooth. Butter clams are 3 to 5 inches long.

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.

RAZOR CLAM

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.

Q. KODIAK AREA (see map page 8 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number caught and the number kept by your household. **DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.**

Q	No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Salmon		Sea-run Silver Salmon		Land-locked Silvers		Red Salmon		Pink Salmon		Chum Salmon		Dolly V. Arctic Char		Steel-head Trout		Rainbow Trout		Halibut		Shark		Rockfish see pg 47		Lingcod see pg 47		Pacific Cod see pg 47		Razor Clams	Tanner Crab	Dunge-ness Crab	Shrimp (gallons)	Other (Specify)	
Sport Fishing				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	KEPT	KEPT	KEPT	KEPT	CAUGHT	KEPT
SALTWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
736. Boat - Chiniak Bay Area*																																					
776. Boat - Ugak Bay																																					
800. Boat - Shuyak Area																																					
814. Boat - Afognak Island																																					
812. Boat - Pauls Bay																																					
770. Boat - Uyak Bay																																					
887. Shoreline - Afognak Lagoon (Litnik)																																					
815. Shoreline - Afognak Island (Specify):																																					
932. Other Remote Boat Sites (Specify):																																					
934. Other Roadside Boat Sites (Specify):																																					
933. Other Remote Shoreline Sites (Specify):																																					
935. Other Roadside Shoreline Sites (Specify):																																					
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
3. Buskin River																																					
275. Pasagshak Drainage																																					
114. American River																																					
163. Olds River (or Creek)																																					
276. Saltery Cove Drainage																																					
108. Roadside Lakes (Specify):																																					
277. Karluk Lake and River ABOVE the Weir†																																					
278. Karluk Lagoon and River BELOW the Weir†																																					
174. Red River (Ayakulik)																																					
106. Other Streams (Specify):																																					
109. Other Lakes (Specify):																																					

Gallons

*Cape Chiniak to Monashka Bay.

† Located on the Karluk River, 0.5 miles upstream of the Lagoon.

R. NAKNEK DRAINAGE - ALASKA PENINSULA AREA (see map page 8 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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 House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Under 20"		King 20" and over		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Arctic Grayling		Northern Pike		Burbot		Smelt		Halibut		Rockfish see pg 47		Lingcod see pg 47		Pacific Cod see pg 47		Other (Specify)	
Sport Fishing				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	CAUGHT	KEPT
SALTWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Boat - Cold Bay Area																																							
756. Boat - Unalaska Bay																																							
3. Other Boat Sites (Specify):																																							
4. Shoreline Sites (Specify):																																							
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
5. Cold Bay Area, including Russel Creek																																							
281. Unalaska Bay Streams																																							
130. Chignik River																																							
11. Ugashik System*																																							
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																																							
113. Other Streams*** (Specify):																																							
114. Other Lakes (Specify):																																							

†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.

*Including Upper and Lower Ugashik Lakes.
**Including Becharof Lake, Kejulik and Egegik Rivers, and Shosky Creek.
***If King Salmon River, specify location.

S. KVICHAK RIVER DRAINAGE AREA (see map page 8 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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 Angler's Calendar Days Fished	King Under 20"		King 20" and over		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Arctic Grayling		Whitefish		Northern Pike		Burbot		Smelt		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Boat Sites (Specify):																																	
704. Boat-Kvichak Bay																																	
2. Shoreline Sites (Specify):																																	
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
8. Alagnak (Branch) River																																	
3. Kvichak River																																	
125. Iliamna Lake																																	
4. Lower Talarik Creek																																	
5. Copper River (tributary of Iliamna Lake)																																	
7. Newhalen River																																	
6. Gibraltar Lake																																	
9. Lake Clark																																	
111. Other Streams (Specify):																																	
110. Other Lakes (Specify):																																	

176

T. NUSHAGAK AREA (see map page 8 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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 House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Under 20"		King 20" and over		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Arctic Grayling		Whitefish		Northern Pike		Burbot		Smelt		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Boat Sites (Specify):																																	
2. Shoreline Sites (Specify):																																	
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
207. Nushagak River-Black Point upstream to sonar site*†																																	
208. Nushagak River- Sonar site 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. Agulukpak River																																	
4. Other Wood River Lakes System**																																	
206. Nuyakuk River																																	
5. Other Tikchik-Nuyakuk Lake System***																																	
6. Togiak River System****																																	
109. Other Streams (Specify):																																	
110. Other Lakes (Specify):																																	

*Excluding Mulchatna and tributaries, Kokwok, and Iowithla Rivers.
**Including Lakes Nerka, Beverley, and Kulik.
†Sonar site located adjacent to Portage Creek.
***Including Nuyakuk, Tikchik, Chikuminuk, Nishlik, and Upnuk Lakes, and Lake Chauekuktuli.
****Including Togiak River-Lake drainage area.

U. TANANA RIVER DRAINAGES - Page 1 of 2 (see map page 10 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number caught and the number kept by your household. **DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.**

U	No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	Sea-run King Salmon		Sea-run Silver Salmon		Sea-run Chum Salmon		Land locked Kings, Silvers		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Arctic Grayling under 12"		Arctic Grayling 12" & over		Least Cisco		Hump-back Whitefish		Round Whitefish		Sheefish		Other Whitefish		Northern Pike 30" & under		Northern Pike over 30"		Burbot		Other (Specify)	
Sport Fishing				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	CAUGHT	KEPT
FRESHWATER STREAMS	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
137. Brushkana Creek																																							
613. Lower Chatanika River & tribs (downstream of Elliot Highway)																																							
614. Upper Chatanika River & tribs (upstream of Elliot Highway)																																							
2. Lower Chena River* (including Badger Slough)																																							
1. Upper Chena River**																																							
6. Delta Clearwater																																							
17. Delta River (below Tangle Lakes)																																							
8. Goodpaster River																																							
513. Nenana River Drainage (excluding Brushkana Creek)																																							
319. Piledriver Slough (including Moose Creek)																																							
7. Richardson Clearwaterr																																							
5. Salcha River																																							
16. Shaw Creek																																							
514. Lower Tanana River† (mainstem only)																																							
515. Middle Tanana River†† (mainstem only)																																							
516. Upper Tanana River††† (mainstem only)																																							
116. Other Streams (Specify):																																							

*The Chena River and Tributaries from the mouth upstream to 25 mile Chena Hot Springs Road, including all parts of Badger Slough (sometimes called Chena Slough). This section is a catch and release water for Arctic grayling. All Arctic grayling caught must be released.

**The Chena River and tributaries accessed from the Chena Hot Springs Road beyond 25 mile on the road. This section is a catch and release water for Arctic grayling. All Arctic grayling must be released.

† The mainstem Tanana River downstream from Nenana. †† The mainstem Tanana River between Delta Junction and Nenana. ††† The mainstem Tanana River upstream from Delta Junction.

Please note: "U" is continued on the next page.

U. TANANA RIVER DRAINAGES - Page 2 of 2 (see map page 10 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number caught and the number kept by your household. **DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.**

U	No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	Sea-run King Salmon		Sea-run Silver Salmon		Sea-run Chum Salmon		Land-locked Kings, Silvers		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Arctic Grayling under 12"		Arctic Grayling 12" & over		Least Cisco		Hump-back Whitefish		Round Whitefish		Sheefish		Other Whitefish		Northern Pike 30" & under		Northern Pike over 30"		Burbot		Other (Specify)	
Sport Fishing				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	CAUGHT	KEPT
FRESHWATER LAKES	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
9. Birch Lake																																							
347. Chena Hot Springs Road Ponds*																																							
18. Chena Lake Recreational Area																																							
584. Coal Mine Road Lakes†																																							
408. Dune Lake																																							
163. East Twin Lake																																							
13. Fielding Lake																																							
11. George Lake																																							
189. Harding Lake																																							
201. Koole Lake																																							
583. Meadow Road Lakes††																																							
14. Minto Flats, all lakes and rivers of Minto Flats																																							
10. Quartz Lake																																							
346. Steese Ponds**																																							
15. Tangle Lakes & River†††																																							
12. Volkmar Lake																																							
117. Other Lakes (Specify):																																							

*Ponds along the Chena Hot Springs Road 30 mile to 50 mile.
**Ponds along the Steese Highway from 30 mile to 40 mile.

†Lakes accessible from the Coal Mine Road, located at Mile 242 Richardson Hwy. approx. 22 miles south of Delta Junction.
††Lakes along the Meadows and Ridge Roads in the southern part of the Fort Greeley Military Reservations, including Weasel Lake.
†††Including Long Tangle, Lower Tangle, Landlocked Tangle, Round Tangle, and Upper Tangle Lakes.

V. KUSKOKWIM RIVER AND KUSKOKWIM BAY DRAINAGES (see map page 10 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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 Angler's Calendar Days Fished	King Salmon		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Arctic Grayling		Whitefish		Sheefish		Northern Pike		Burbot		Smelt		Halibut		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Boat Sites (Specify):																																			
2. Shoreline Sites (Specify):																																			
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
Kuskokwim River upstream of the Aniak River						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
300. Kuskowkim River mainstem, above Aniak R.																																			
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 R.																																			
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):																																			

W. SEWARD PENINSULA-NORTON SOUND DRAINAGES (see map page 10 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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	No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Salmon		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly V. Arctic Char		Arctic Grayling 15" & under		Arctic Grayling over 15"		Whitefish		Sheefish		Northern Pike		Burbot		Smelt		Halibut		King Crab		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Boat Sites (Specify):																																			
2. Shoreline Sites (Specify):																																			
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
6. Pilgrim River																																			
4. Nome River																																			
112. Fish River & Tributaries*																																			
113. Niukluk River & Tributaries **																																			
3. Unalakleet River																																			
22. Sinuk River																																			
12. Snake River																																			
15. Solomon River																																			
14. Fox River																																			
18. Kuzitrin River																																			
94. North River																																			
41. Shaktoolik River																																			
11. Eldorado River																																			
30. Flambeau River																																			
7. Other Streams (Specify):																																			
8. Lakes (Specify):																																			

* Including Pargon, Rathlatulik, and Fish Rivers; and Boston Creek.
** Including Casadepaga River.

X. NORTHWEST ALASKA DRAINAGES (see map page 10 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

④For 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	No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Salmon		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char 20" & under		Dolly V. Arctic Char over 20"		Arctic Grayling		Whitefish		Sheefish		Northern Pike		Burbot		Smelt		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Boat Sites (Specify):																																	
2. Shoreline Sites (Specify):																																	
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
3. Noatak River																																	
4. Kobuk River																																	
5. Wulik River																																	
28. Walker Lake																																	
17. Kivalina River																																	
24. Selawik River																																	
16. Kelly River																																	
27. Squirrel River																																	
13. Feniak Lake																																	
32. Matcharak Lake																																	
78. Desperation Lake																																	
6. Other Streams (Specify):																																	
8. Other Lakes (Specify):																																	

Y. YUKON RIVER DRAINAGES (see map page 10 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For 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 House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Salmon		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Arctic Grayling		Whitefish		Sheefish		Northern Pike		Burbot		Smelt		Halibut		Other (Specify)	
Sport Fishing				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	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Boat Sites (Specify):																																	
2. Shoreline Sites (Specify):																																	
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
YUKON RIVER DRAINAGES DOWNSTREAM FROM KOYUKUK RIVER										•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
147. Andreafsky River																																	
148. Anvik River																																	
182. Innoko River																																	
280. Kaiyuh Slough/Khotol River																																	
74. Nulato River																																	
247. Other Sites (Specify):*																																	
YUKON RIVER DRAINAGES KOYUKUK RIVER TO FORT YUKON									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
16. Koyukuk River Drainage**																																	
204. Nowitna River																																	
94. Dall River																																	
202. Beaver and Nome Creeks (Steese Hwy)																																	
255. Birch Creek (Steese Hwy)																																	
24. Porcupine River Drainage																																	
248. Other Sites (Specify):***																																	
YUKON RIVER DRAINAGES FORT YUKON TO CANADIAN BORDER									•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
249. Other Sites (Specify):																																	
NON YUKON RIVER DRAINAGES			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
254. Other Sites (Specify):																																	

*Remainder of Yukon drainage downstream from the Koyukuk River.

**Including Jim River, and Kanuti and Prospect drainages.

***Other Koyukuk River to Fort Yukon.

Z. NORTH SLOPE BROOKS RANGE DRAINAGES (see map page 10 for area description). Please include **only** information for members of your household.

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

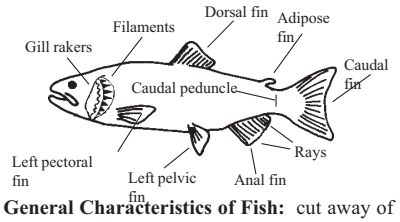
②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum.
Example: If two household anglers fished the same day, No. Days Fished = 2.

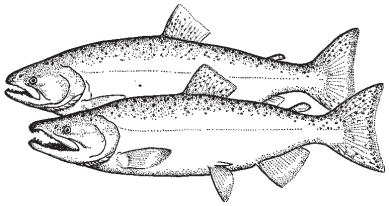
④For each type of fish, write the total number caught and the number kept by your household. **DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.**

Z	No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Arctic Grayling		Whitefish		Northern Pike		Burbot		Smelt		Other (Specify)	
Sport Fishing				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT
SALTWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
1. Boat Sites (Specify):																									
2. Shoreline Sites (Specify):																									
FRESHWATER	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★	★
LAKES NEAR HAUL ROAD/DALTON HIGHWAY						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
60. Galbraith Lake																									
43. Toolik Lake																									
99. Other Lakes (Specify):																									
STREAMS NEAR HAUL ROAD/DALTON HIGHWAY						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
76. Sagavanirktok River																									
100. Other Streams (Specify):																									
REMAINDER OF AREA Z FISHING SITES				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
14. Kongakut River																									
6. Other Streams (Specify):																									
5. Other Lakes (Specify):																									

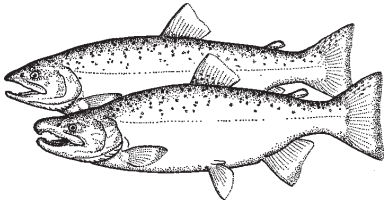
DISTINGUISHING CHARACTERISTICS OF SEVERAL SPECIES OF FISH



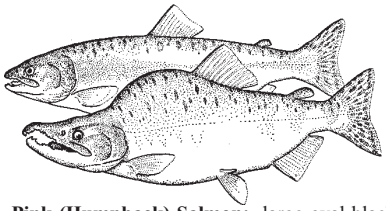
General Characteristics of Fish: cut away of operculum (gill-cover) showing one gill arch, filaments, and gill rakers.



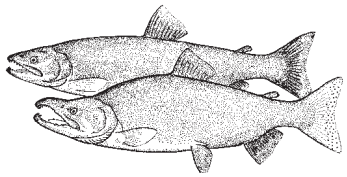
King (Chinook) Salmon: small black spots on back and on both lobes of caudal fin; gum line of lower jaw black; scales large; gill rakers less than 25; anal fin rays 15-17.



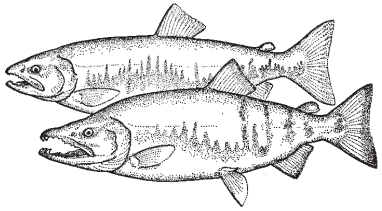
Silver (Coho) Salmon: small black spots usually occur only on upper lobe of caudal fin and on back; gum line on lower jaw not black; scales large; gill rakers less than 25; anal fin rays 13-15.



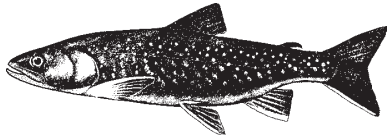
Pink (Humpback) Salmon: large oval black spots on back and on both lobes of caudal fin; scales very small; usually over 12 anal fin rays; males develop a pronounced hump during spawning.



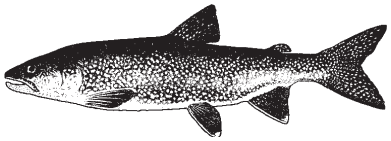
Sockeye (Red) Salmon and Kokanee (land-locked form): no distinct black spots on back or tail; 30-40 long, fine, and serrated, closely spaced gill rakers over 12 anal fin rays. NOTE: Kokanee should be recorded separately in the booklet.



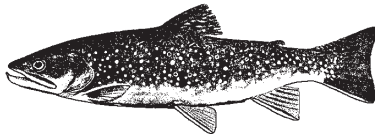
Chum (Dog) Salmon: no distinct black spots on back or tail; 18-28 smooth, short, stout, and widely spaced gill rakers; usually over 12 anal fin rays.



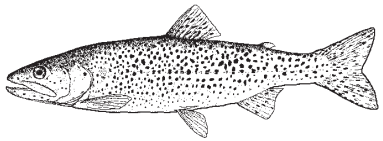
Dolly Varden/Arctic Char: round, red, pink or yellow spots on sides, caudal fin slightly forked; 8-12 anal fin rays; no dark green wavy marks on back or dorsal fin.



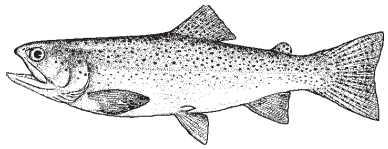
Lake Trout: body dark green to grayish with oval or irregular white to yellowish spots on sides and back; caudal fin deeply forked; 8-12 anal fin rays; no dark green wavy marks on back or dorsal fin.



Brook Trout: spots on body pale or red with blue halos, but never brown or black; dark green wavy marks on back and dorsal fin; 8-12 anal fin rays.

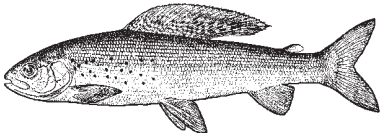


Cutthroat Trout: spots on body dark brown or black; anal fin rays 8-12; no red bank on sides; red to orange slash on underside of lower jaw; upper jaw extends well behind eye in adults.

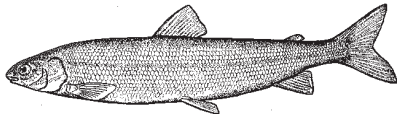


Rainbow Trout: spots on body dark brown or black; anal fin rays 8-12; reddish band on sides; no red slash under jaw; upper jaw usually does not extend behind eye in adults. NOTE: Steelhead are sea-run rainbows, and should be recorded separately in the booklet.

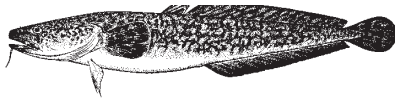
Northern Pike: dorsal and anal fins positioned rearward; no adipose fin as in the trouts, salmon, grayling and whitefish; long flattened jaws with large mouth and many large, sharp teeth, sides are yellowish-gray.



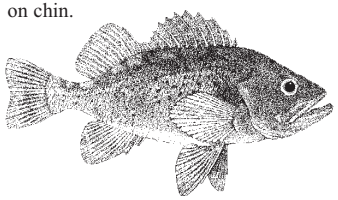
Arctic Grayling: dorsal fin typically with dark purple edge and much longer (18 or more rays) than in whitefish and fan-like; rows of reddish to orange and/or purple to green spots on dorsal fin; sides of fish are black spotted; scales larger than in trouts.



"Whitefish": several common species that occur in Alaska are the round whitefish, humpback whitefish, least cisco, and sheefish. Whitefish are distinguished from the trout and salmon by the small, weak, or absent teeth and the presence of large scales; distinguished from the arctic grayling by the much smaller dorsal fin (15 or fewer rays). A round whitefish is shown.

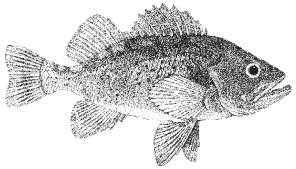


Burbot: two dorsal fins and one anal fin present; no adipose fin as in the trouts, salmon, grayling and whitefish; pelvic fins very far forward and just under head; body long and tapering; barbel on chin.

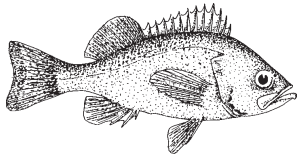


"Rockfish": several species of marine fish also referred to as black bass, sea bass, and red snapper. Rockfish may be distinguished from sculpins (Irish Lords) by the dorsal fin , which has spines on the front half and soft rays on the rear half in the rockfish. NOTE: Handle with care because of spines.

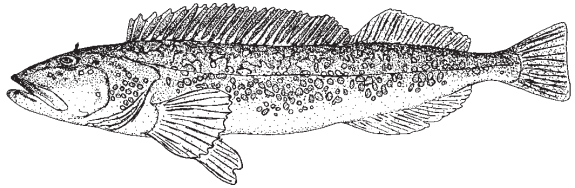
DISTINGUISHING CHARACTERISTICS OF SEVERAL SPECIES OF FISH



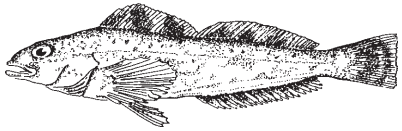
Black Rockfish: ("black bass") Black to blue-black with dusky white areas. Jaw extends to rear of eye. To 25 in.



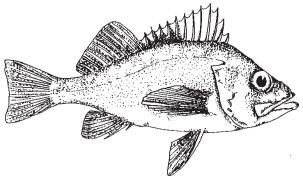
Dusky Rockfish: Color varies from dark brown or black to greenish-brown with pink underside. Dark fish have prominent knob on chin. To 20 in.



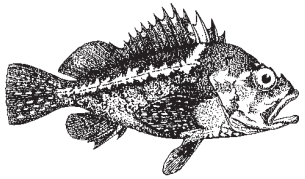
Lingcod: Brown to reddish-brown with spots or blotches. Sharp teeth. One lateral line. Long jaw. No barbel on chin. To 5 ft.



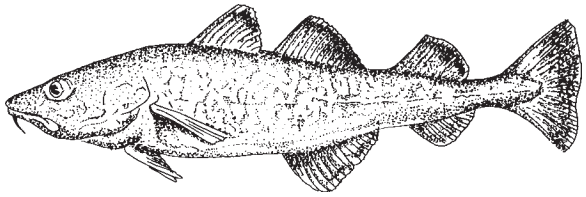
Kelp Greenling: Males brown with blue spots, females freckled with brown, 5 lateral lines. To 21 in.



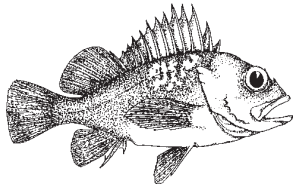
Canary Rockfish: Orange with greensih mottling. Lateral line is white to grey. To 30 in.



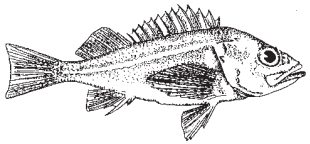
China Rockfish: Black with yellow spots. Yellow stripe from dorsal fin to rear of body. To 17 in.



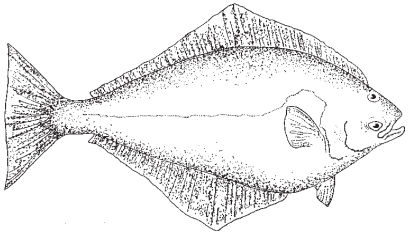
Pacific Cod: Chin barbel. Yellowish brown to gray with mottling. To 39 in.



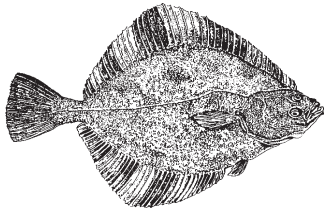
Quillback Rockfish: Black to brown with large orange areas. Dorsal fin notched deeply. To 24 in.



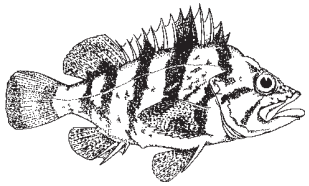
Redstripe Rockfish: Red lateral line in grey zone bordered by red. Lips dusky. To 20 in.



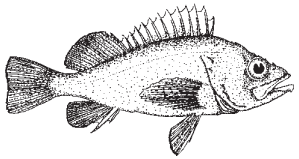
Halibut: Jaw extends below middle of eye. Lateral line arched over pectoral fin. To 8 ft.



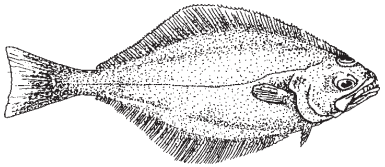
Starry Flounder: Black and yellow bands on fins. To 36 in.



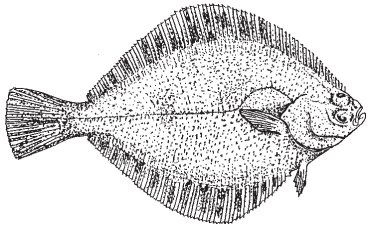
Tiger Rockfish: Black to dark red bars on pink to red body. To 24 in.



Yelloweye Rockfish: ("red snapper") Primarily orange. Pale yellow stripe on body. Yellow eye. To 36 in.



Arrowtooth Flounder: Large mouth and numerous sharp teeth. Little arching of lateral line. Upper eye reaches top of head. To 34 in.



Rock Sole: Lateral line arched over pectoral fin. Jaw does not extend below middle of eye. To 24 in.

Dear Sport Angler:

The year 2004 marks the 28th year in which the annual Statewide Harvest Survey has been successfully conducted. The angler response rate has consistently been above average for a survey of this magnitude, and for this we have you to thank.

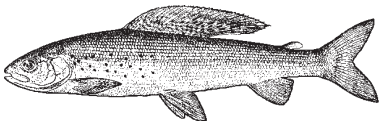
Your response to this survey assists us in improving our ability to accurately provide statewide estimates of participation, catch, and harvest to our fishery managers. Managers within the Department of Fish and Game use this information to protect and improve the state's recreational fisheries resource.

The results of this survey will be available to the public in the fall of 2005. Feel free to call us at (907) 267-2369 or email us at SFPUB@fishgame.state.ak.us if we can assist you.

Our web address is: http://www.sf.adfg.state.ak.us/statewide/sf_home.cfm

Thank-you again,

Kelly Hepler
Director, Division of Sport Fish



STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

FRANK MURKOWSKI, GOVERNOR

Research & Technical Services
333 Raspberry Road.
Anchorage, AK 99518-1599
PHONE: (907) 267-2280
FAX: (907) 267-2422

October 19, 2005

Dear Alaska Angler,

Each year, the Alaska Department of Fish and Game conducts a survey of about 10% of Alaska sportfishing license holders to determine where they fished and how many fish they caught and kept within Alaska's sport fisheries. You are one of the few licensed anglers selected to receive the Alaska **2005 Sport Fish Survey**, and I hope that you will take a few minutes to complete the survey and return it to us in the envelope provided.

From Prudhoe Bay to the Panhandle and Eagle to Akutan, the results from this survey impact the number of fish you can hook and how many you can take home. The Department uses the information to evaluate the health of fisheries and to develop management plans, while residents of Alaska and people from around the world consult the survey results to plan fishing trips, business ventures, and other recreational activities.

To ensure that the results are as accurate as possible, it is important that we receive your survey. While the tables and maps may make the survey look complicated, that's because it covers locations around the entire state. We've found that for most people, there are only a few pages that must be completed to report their household's sport fishing. If you and other household members did not go fishing in 2005, we ask that you at least complete the General Questions on page 3 of the questionnaire and return it in the envelope provided so that we do not send you additional reminder surveys.

The results of the Alaska 2005 Sport Fish Survey will be published in fall of 2006. If you are interested in seeing the results of previous year's surveys, visit the division's web site at: http://www.sf.adfg.state.ak.us/statewide/sf_home.cfm

Thank you very much for helping with this important study. If you have any questions, comments, or suggestions, we would be happy to talk with you. Our phone number in Anchorage is (907) 267-2280, or you can write to us at the address on the letterhead or (via e-mail) at SFPub@fishgame.state.ak.us.

Sincerely,

Kelly Hepler, Director

Appendix B2.-First reminder for standard and supplementary surveys, 2004.

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

FRANK MURKOWSKI, GOVERNOR

Research & Technical Services
333 Raspberry Road.
Anchorage, AK 99518-1599
PHONE: (907) 267-2369
FAX: (907) 267-2422

March 9, 2005

Dear Alaska Angler,

A few weeks ago we mailed to you a copy of the Alaska **2004 Sport Fish Survey**, but to the best of our knowledge it has not been returned. We are writing again because of the importance that your questionnaire has for helping us obtain accurate results.

If you and other household members did not fish this year, you need only complete the General Questions on page 3 and return your entire questionnaire in the envelope provided. If you did fish this year, we hope you will take a few moments now to complete and return your survey. While you may not be able to remember the details of all of your household's fishing trips, please fill out the form based upon what you can remember. The tables and maps may make the survey look complicated, but that's because it covers locations around the entire state. You need only to fill out information for the locations you or other household members fished in 2004.

We hope that you will fill out and return the questionnaire soon, but if for any reason you prefer not to answer the questionnaire, please let us know by phoning us a the number at the top of this page or returning a note or blank questionnaire in the enclosed postage-paid envelope. Please include the number as seen on the label on the cover of your questionnaire, this will prevent you from receiving any follow-up questionnaires.

In a few weeks a final reminder will be sent to those people who have not yet responded. Please help us decrease costs by sending us your completed form now. If you have already returned your completed form, please disregard this letter and accept my thanks.

If you have any questions, please feel free to contact us at the address or phone number above. You can also reach us by e-mail at SFPub@fishgame.state.ak.us.

Sincerely,

Kelly Hepler, Director

Appendix B3.-Second reminder for standard and supplementary surveys, 2004.

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

DIVISION OF SPORT FISH

FRANK MURKOWSKI, GOVERNOR

Research & Technical Services
333 Raspberry Road.
Anchorage, AK 99518-1599
PHONE: (907) 267-2369
FAX: (907) 267-2422

April 14, 2005

Dear Alaska Angler,

At this time of year, we realize that your 2004 fishing experience is becoming a distant memory, we are, however, requesting your help by asking that you to recall your fishing experience by completing the Alaska **2004 Sport Fish Survey**. We appreciate your willingness to consider our request as we conclude this year's survey effort to obtain accurate information on sport fishing participation, catch, and harvest. Your participation will help to 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 the Department determine where anglers fished and how many fish they caught and kept within Alaska's sport fisheries, and the results are used for sport fisheries planning and management purposes, as well as by members of the public. 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 mailed a survey helps assure that the results are as accurate as possible. We hope that you will take this opportunity to complete the enclosed questionnaire and return it to us in the enclosed postage-paid envelope.

Even if you or other household members didn't fish in 2004, we ask that you complete the General Questions on page 3 and mail it back to us. If you or other household members did fish, please take a few minutes and complete the General Questions on page 3 and other pages that apply to your household's 2004 sport fishing activities. A postage-paid envelope has been provided for returning your completed form.

If you have already returned your completed form, please disregard this letter and accept my thanks.

Sincerely,

Kelly Hepler, Director

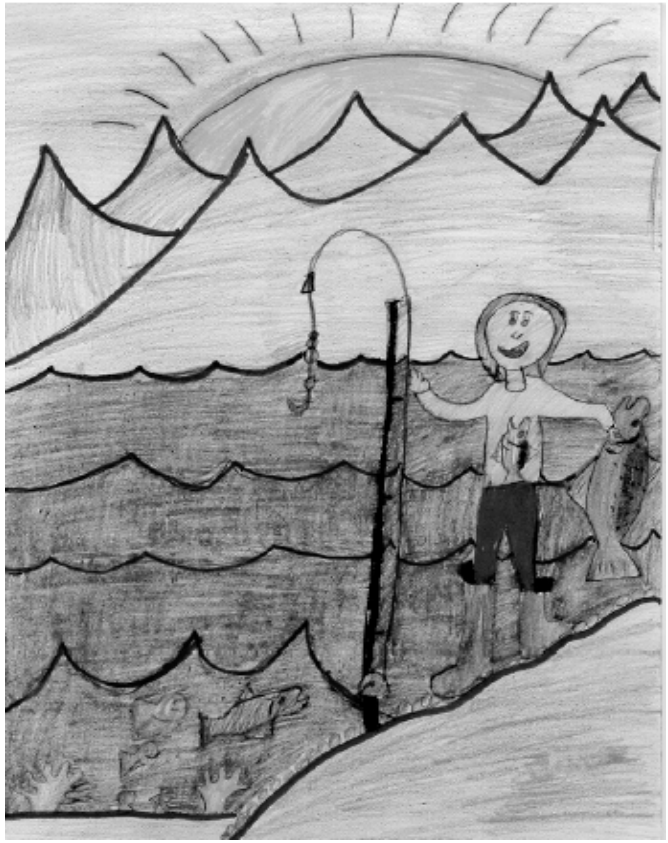
Appendix B4.-Third reminder for standard and supplementary surveys, 2004.

ALASKA DEPARTMENT OF FISH AND GAME

2004 Sport Fish Survey

If you have questions about this survey, please call (907) 267-2369, or email us at SFPUB@fishgame.state.ak.us.

Please visit the Department's web site at: **http://www.adfg.state.ak.us/**



Cover art by MacKenzie Bowden, 2nd grade.
Tanaina Elementary School, Wasilla, Alaska. 2003.

We are interested in knowing about your ***sport*** *and* ***personal use fishing and shellfish harvest*** *experiences in 2004.*

Even if you did not fish in 2004, please answer the Questions on page 3.

Respond only to those areas of Alaska where your household members ***sport fished. Do not include subsistence caught fish.***

Thank-you

Appendix B5.-Sport fish supplementary survey questionnaire, 2004.

INSTRUCTIONS:

Please help reduce costs: For statistical purposes we mail 2 reminders to those who do not respond. You can help reduce costs by replying promptly.

Period covered: January 1 through December 31, 2004.

Who to include: Report your household's sportfishing only. Do not include visiting friends and relatives.

What if your household did not sport fish in 2004? Answer the questions on page 3 and return the survey in the postage-paid envelope so we may avoid mailing you additional 2004 surveys. **Thanks for your assistance!**

What if your household did sport fish in 2004? Read all instructions on this page, answer the questions on page 3, then review instructions and examples on pages 4 and 5, complete the pages that cover the areas where you sport fished, and return the survey in the postage-paid envelope. **Thanks for your assistance!**

What to include: Report all sport fishing. Separate sections are included to report for dipnet-caught salmon, shellfish, and ice fishing (see page 4).

What to exclude: Do not report commercially caught or subsistence-caught fish. Do not report fish caught while proxy fishing for someone outside your household. A sportfishing guide should not report client information.

When to reply: Return this form after completing all 2004 sport fishing, including all ice fishing in the early months of 2004. Use the enclosed 2004 ice fish page for any ice fishing during the last half of 2004 and send it in separately.

Still have questions? If you have questions about this survey, please call (907) 267-2369 or contact us via email at SFPUB@fishgame.state.ak.us

SPORT ANGLERS LIVING OUTSIDE OF THE UNITED STATES

The postage permit that we have for return mail is good only in the United States. However, it is very important that anglers who do not live in the United States return their survey to us. Therefore,we must ask that you supply your own postage in order to return the survey questionnaire. We hope you will consider this an an additional contribution towards sound management of Alaska's sport fisheries.

Thank-you for your cooperation and support.

The Alaska Department of Fish and Game administers all programs and activities free from discrimination on the bases of 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, P.O. Box 25526, Juneau, AK 99802-5526; U.S. Fish and Wildlife Service, 4040 N. Fairfax Drive, Suite 300 Webb, Arlington, VA 22203 or O.E.O., U.S. Department of the Interior, Washington DC 20240.

For information on alternative formats for this and other department publications, please contact the department ADA Coordinator at (voice) 907-465-4120, (TDD) 907-465-3646, or (FAX) 907-465-2440.

GENERAL QUESTIONS: The questions below apply to members of your household and the **2004** sportfishing season.

1. **Total** number of people in your household who sport fished in Alaska during 2004 ..... _____?

NO LICENSE PURCHASED

1A. Number of persons in your household **under 16 years of age** who sport fished in Alaska in 2004 ..... _____?

1B. Number of Alaska residents 60 years of age and older and number of Alaska resident disabled veterans in your household who have a **permanent identification card for Alaska sport fishing (PID)**, including those who did not fish in Alaska ..... _____?

1C. Number of persons recorded in 1B who sport fished in Alaska in 2004 ..... _____?

LICENSE PURCHASED

2A. Number of persons in your household who **purchased a 2004 sportfishing license**, including those who did not fish in Alaska (DO NOT include anyone recorded in 1A, 1B, or 1C above) ..... _____?

2B. Number of persons recorded in 2A who **sport fished in Alaska** in 2004 ..... _____?

3. Please provide comments on sportfishing in Alaska during 2004.

Comments (enclose additional pages, if needed):

MADE IN ALASKA

Printed by ASSETS Printing on recycled paper.

HOW TO RECORD YOUR HOUSEHOLD'S 2004 SPORT FISHING

CHARTERED/GUIDED means:

You paid a person or a 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.

INSTRUCTIONS & EXAMPLES(facing page) ➔ ↓

SECTIONS **Page**

SALTWATER, FINFISH - SOUTHEAST 6
SALTWATER, FINFISH - OTHER AREAS 7
FRESHWATER, FINFISH GUIDED 8
FRESHWATER, FINFISH NON-GUIDED 9
SALMON DIPNETTING, GUIDED 10
SALMON DIPNETTING, NON-GUIDED 10
SHELLFISH, GUIDED/CHARTER 11
SHELLFISH, NON-GUIDED/NON-CHARTER 11
ICE FISHING, GUIDED 12
ICE FISHING, NON-GUIDED 12

① SECTIONS: Locate the first **SECTION** (described above) of this form that covers your household's 2004 sport fishing.

② SITES: Locate the harvest area fished in the **MAP/SITE BOOKLET**. Write the **Area Code** letter (Example: "P" for Kenai Peninsula Area) in the column labeled **Area Code** letter. See the example on the facing page.

③ SITES: Write the **Site Name** by locating it in the **MAP/SITE BOOKLET**. Write the site number for each location fished (Example: "1" for Kenai River - Cook Inlet to Soldotna Bridge) in the columns labeled Site Number. If a site is not listed in the **MAP/SITE BOOKLET**, write the complete name in the **Site Name** column.

④ FISHERY TYPE: Some sections include **Boat** and **Bank/Shore Fishery Types**. Check one box for each line. If you fished from a **Boat** and also from **Bank/Shore** at the same site, write this information on two separate lines. See the example on the facing page.

⑤ EFFORT: For each site fished write the **Number of Household Anglers** who fished, the **Number of Household Trips**, and the **Sum of Each Angler's Calendar Days Fished** on all trips. Consider any part of a day as one whole day. **EXAMPLE**: A man and a woman fished together on 3 trips to the Kenai River. They fished 1 day on each trip and caught a total of 4 silver salmon and kept all 4. The man fished alone for half a day on each of 2 other trips to the Kenai River, but caught nothing. Thus for the Kenai River: Anglers = 2, Trips = 5 (3 by the man and woman together, 2 by the man alone), Days Fished = 8 (5 by the man, 3 by the woman). See the examples on the facing page.

⑥ CATCH & HARVEST: For each species write **BOTH**:

a) the number **caught**, and
b) the number **kept**.

EXAMPLE: 4 king salmon were caught. If 0 were kept, write 4/0; if 2 were kept, write 4/2; if 4 were kept write 4/4.

⑦ REPEAT ①-⑥: Repeat steps ① through ⑥ for each **SECTION** that describes your household's 2004 fishing.
Please return your completed survey in the postage-paid envelope. **We thank you for your assistance.**

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

EXAMPLES: *HOW TO RECORD YOUR HOUSEHOLD'S 2004 SPORT FISHING*

Freshwater Finfish (open water). *SEE PAGE 12 FOR ICE FISHING, PAGE 10 FOR SALMON DIPNETTING.*

GUIDED
SPORT FISHING

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number caught and the number kept by your household. Do not include fish harvested under subsistence regulations.

Sites			Fishery Type (Check one per line)		No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon SMALL*		King Salmon LARGE*		Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Cut-throat Trout		Steel-head Trout		Arctic Grayling		White-fish		Northern Pike		Burbot		Smelt		Other Finfish (Specify)	
Site Name	Area Code Letter	Site Number	Boat	Shore/ Bank				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	CAUGHT	KEPT	CAUGHT	KEPT
Kenai River- Cook Inlet to Soldotna Bridge	P	1	X		2	5	8					4	4																																
Kenai River- Cook Inlet to Soldotna Bridge	P	1		X	1	1	1																	1	1																				
Delta River	U	17		X	2	1	4																									8	4												

* Refer to the Map/Site Booklet for specific sizes for "Small" vs. "Large".

Freshwater Finfish (open water). *SEE PAGE 12 FOR ICE FISHING, PAGE 10 FOR SALMON DIPNETTING.*

NON-GUIDED
SPORT FISHING

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number caught and the number kept by your household. Do not include fish harvested under subsistence regulations.

Sites			Fishery Type (Check one per line)		No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon SMALL*		King Salmon LARGE*		Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Cut-throat Trout		Steel-head Trout		Arctic Grayling		White-fish		Northern Pike		Burbot		Smelt		Other Finfish (Specify)	
Site Name	Area Code Letter	Site Number	Boat	Shore/ Bank				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	CAUGHT	KEPT	CAUGHT	KEPT
Kenai River- Cook Inlet to Soldotna Bridge	P	1	X		1	1	4			1	1																																		
Alexander Creek	N	5	X		2	1	4																													14	0								
Karluk River & Lagoon	Q	5		X	1	1	2									12	3																												

* Refer to the Map/Site Booklet for specific sizes for "Small" vs. "Large".

SOUTHEAST ALASKA: *SALTWATER* - *FINFISH*

SEE PG. 11 FOR SHELLFISH, PGS 8 AND 9 FOR FRESHWATER.

CHARTER - *YOU PAID TO BE PERSONALLY DIRECTED AND ACCOMPANIED ON A FISHING TRIP.*

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number caught and the number kept by your household. Do not include fish harvested under subsistence regulations.

Areas A-H

Sites			Fishery Type (Check one per line)		No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon under 28"		King Salmon 28" & Over		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Cut-throat Trout		Smelt		Halibut		Shark		Rock-fish		Lingcod		Pacific Cod		Other Finfish (Specify)	
Site Name	Area Code Letter	Site Number	Boat	Shore/ Bank				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

SOUTHEAST ALASKA: *SALTWATER* - *FINFISH*

SEE PG. 11 FOR SHELLFISH, PGS. 8 AND 9 FOR FRESHWATER.

NON-CHARTER - *YOU DID NOT PAY TO BE PERSONALLY DIRECTED DURING YOUR FISHING TRIP.*

Areas A-H

Sites			Fishery Type (Check one per line)		No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon under 28"		King Salmon 28" & Over		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly Varden		Cut-throat Trout		Smelt		Halibut		Shark		Rock-fish		Lingcod		Pacific Cod		Other Finfish (Specify)	
Site Name	Area Code Letter	Site Number	Boat	Shore/ Bank				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

OTHER ALASKA: *SALTWATER* - *FINFISH*

SEE PG. 11 FOR SHELLFISH, PGS. 8 AND 9 FOR FRESHWATER.

CHARTER - *YOU PAID TO BE PERSONALLY DIRECTED AND ACCOMPANIED ON A FISHING TRIP.*

① **Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

② **Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③ **Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④ 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.

Areas I-Z

Sites			Fishery Type (Check one per line)		No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon SMALL*		King Salmon LARGE*		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly V. Arctic Char		Cut-throat Trout		Smelt		Halibut		Shark		Rock-fish		Lingcod		Pacific Cod		Other Finfish (Specify)	
Site Name	Area Code Letter	Site Number	Boat	Shore/Bank				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

OTHER ALASKA: *SALTWATER* - *FINFISH*

SEE PG. 11 FOR SHELLFISH, PGS. 8 AND 9 FOR FRESHWATER.

NON-CHARTER - *YOU DID NOT PAY TO BE PERSONALLY DIRECTED DURING YOUR FISHING TRIP.*

Areas I-Z

Sites			Fishery Type (Check one per line)		No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon SMALL*		King Salmon LARGE*		Silver Salmon		Red Salmon		Pink Salmon		Chum Salmon		Dolly V. Arctic Char		Cut-throat Trout		Smelt		Halibut		Shark		Rock-fish		Lingcod		Pacific Cod		Other Finfish (Specify)	
Site Name	Area Code Letter	Site Number	Boat	Shore/Bank				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

* Refer to the Map/Site Booklet for specific sizes for "Small" vs. "Large".
If the MAP/SITE BOOKLET does not list specific size categories for a harvest area, record all catch and harvest under "Large".

FRESHWATER *FINFISH* (OPEN WATER):

SEE PG 12 FOR ICE FISHING, PG. 10 FOR SALMON DIPNETTING.

GUIDED

(You paid to be personally directed and accompanied on a fishing trip)

STATEWIDE

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number caught and the number kept by your household. **Do not include fish harvested under subsistence regulations.**

Sites			Fishery Type (Check one per line)		No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon SMALL*		King Salmon LARGE*		Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Cut-throat Trout		Steel-head Trout		Arctic Grayling		White-fish		Northern Pike		Burbot		Smelt		Other Finfish (Specify)	
Site Name	Area Code Letter	Site Number	Boat	Shore/ Bank				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	CAUGHT	KEPT	CAUGHT	KEPT

* Refer to the Map/Site Booklet for specific sizes for "Small" vs. "Large".
If the MAP/SITE BOOKLET does not list specific size categories for a harvest area, record all catch and harvest under "Large".

FRESHWATER *FINFISH* (OPEN WATER): *SEE PG. 12 FOR ICE FISHING, PG. 10 FOR SALMON DIPNETTING.*

NON-GUIDED

(You did not pay to be personally directed during your sport fishing trip)

STATEWIDE

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number caught and the number kept by your household. **Do not include fish harvested under subsistence regulations.**

Sites			Fishery Type (Check one per line)		No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	King Salmon SMALL*		King Salmon LARGE*		Silver Salmon		Land-locked Kings, Silvers		Red Salmon		Pink Salmon		Chum Salmon		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Cut-throat Trout		Steel-head Trout		Arctic Grayling		White-fish		Northern Pike		Burbot		Smelt		Other Finfish (Specify)	
Site Name	Area Code Letter	Site Number	Boat	Shore/ Bank				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	CAUGHT	KEPT	CAUGHT	KEPT

* Refer to the Map/Site Booklet for specific sizes for "Small" vs. "Large".
If the MAP/SITE BOOKLET does not list specific size categories for a harvest area, record all catch and harvest under "Large".

PERSONAL USE DIPNETTING: SALMON ONLY

GUIDED

(You paid to be personally directed and accompanied on a fishing trip)

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number kept by your household. **Do not include fish harvested under subsistence regulations.**

Sites			No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Salmon	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Other Finfish (Specify)
Site Name	Area Code Letter	Site Number				KEPT	KEPT	KEPT	KEPT	KEPT	KEPT

PERSONAL USE DIPNETTING: SALMON ONLY

NON-GUIDED

(You did not pay to be personally directed during your fishing trip)

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number kept by your household. **Do not include fish harvested under subsistence regulations.**

Sites			No. of House-hold Anglers	No. of House-hold Trips	Sum of Each Angler's Calendar Days Fished	King Salmon	Silver Salmon	Red Salmon	Pink Salmon	Chum Salmon	Other Finfish (Specify)
Site Name	Area Code Letter	Site Number				KEPT	KEPT	KEPT	KEPT	KEPT	KEPT

SHELLFISH: CRABS, CLAMS, AND SHRIMP

GUIDED

(You paid to be personally directed and accompanied on a fishing trip)

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each site fished, write the total number caught and the number kept where indicated, or the number kept only by your household. **Do not include fish harvested under subsistence regulations.**

Sites			No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar 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	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT
						Numbers	Gallons	Gallons								

SHELLFISH: CRABS, CLAMS, AND SHRIMP

NON-GUIDED

(You did not pay to be personally directed during your sport fishing trip)

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each site fished, write the total number caught and the number kept where indicated, or the number kept only by your household. **Do not include fish harvested under subsistence regulations.**

Sites			No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar 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	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT
						Numbers	Gallons	Gallons								

INSTRUCTIONS:

1. Write your household's ice fishing completed for the **first six months of 2004** on this page.

2. If during the **last 6 months of 2004,** you have already ice fished or intend to ice fish:

   a. Locate the **separate** single sheet ICE FISHING - LAST SIX MONTHS 2004 form enclosed,

   b. Write the ID number from the label on the front cover of this bound form on the **separate** single sheet ice fishing form, and

   c. Complete and return the **separate** single sheet form by January 2005.

Otherwise...

3. If you have completed all 2004 ice fishing by today's date:

   a. complete both forms, as needed, to report your household's ice fishing.

   b. Promptly return all forms, even if blank, in the envelope provided.

ICE FISHING - FIRST 6 MONTHS 2004

GUIDED

(You paid to be personally directed and accompanied on a fishing trip)

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished

④For each type of fish, write the total number caught and the number kept by your household. **Do not include fish harvested under subsistence regulations.**

Sites			No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	Land-locked Kings, Silvers		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Cut-throat Trout		Arctic Grayling		Northern Pike		Burbot		Sheefish		Whitefish		Other Finfish (Specify)	
Site Name	Area Code Letter	Site Number				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT

ICE FISHING - FIRST 6 MONTHS 2004

NON-GUIDED

(You did not pay to be personally directed during your fishing trip)

①**Number of Household Anglers** who fished. Do not include visiting friends, relatives, or other party members outside your household.

②**Number of Household Trips** (a Trip, which may last one or more days, is a visit to a fishing site).

③**Sum of Each Angler's Calendar Days Fished.** Count any part of a day as one whole day. If two or more anglers fish the same day, include that day in each angler's sum. **Example**: If two household anglers fished the same day, No. Days Fished = 2.

④For each type of fish, write the total number caught and the number kept by your household. **Do not include fish harvested under subsistence regulations.**

Sites			No. of Household Anglers	No. of Household Trips	Sum of Each Angler's Calendar Days Fished	Land-locked Kings, Silvers		Lake Trout		Dolly V. Arctic Char		Rainbow Trout		Cut-throat Trout		Arctic Grayling		Northern Pike		Burbot		Sheefish		Whitefish		Other Finfish (Specify)	
Site Name	Area Code Letter	Site Number				CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT	CAUGHT	KEPT

MAP/SITE BOOKLET

Alaska Sport Fishing Areas - *Maps, Area Descriptions, and Fish Size Categories*

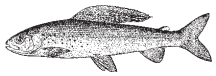
USE THIS BOOKLET TO:

1. Locate your fishing sites on the enclosed maps.
2. Determine the sport fishing Area Code letter.
3. Determine the Site Number for each site fished.
4. Determine the fish lengths for "Large" and "Small" size categories.
5. If you have questions about this survey, please call (907) 267-2369 or e-mail us at SFPUB@fishgame.state.ak.us.

Use the map below to locate the booklet pages that apply to your household's 2004 SPORT FISHING.

DO NOT INCLUDE FISH HARVESTED UNDER SUBSISTENCE REGULATIONS.

Please visit the Fish & Game web site at:
http://www.adfg.state.ak.us/



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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, P.O. Box 25526, Juneau, AK 99802-5526; U.S. Fish and Wildlife Service, 4040 N. Fairfax Drive, Suite 300 Webb, Arlington, VA 22203 or O.E.O., U.S. Department of the Interior, Washington DC 20240.
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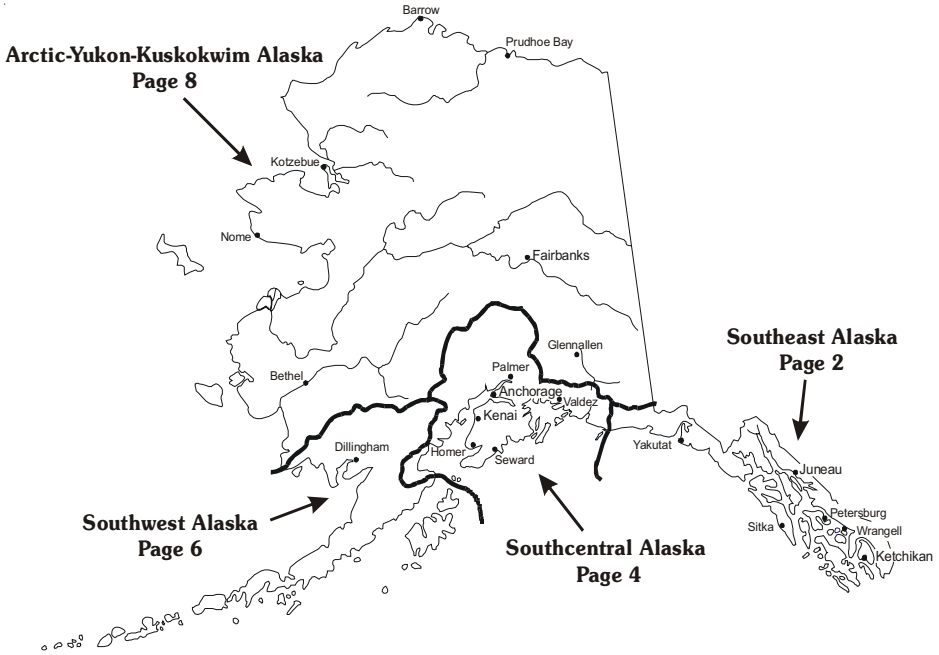
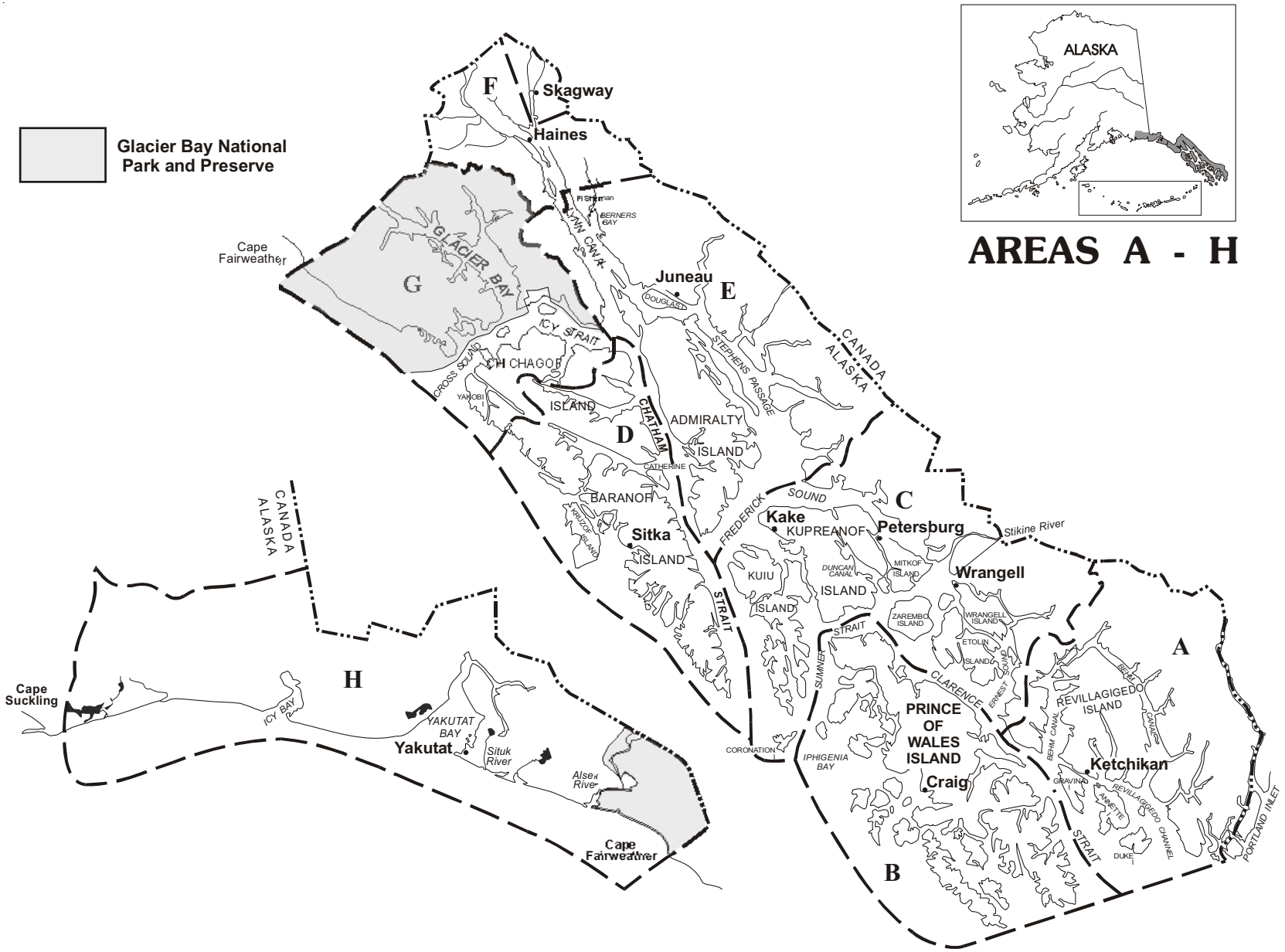


Appendix B6.-Sport Fish supplementary map/site booklet, 2004.

TO SAVE POSTAGE, PLEASE DO NOT RETURN THIS BOOKLET WITH YOUR QUESTIONNAIRE.



Appendix B6.-Page 2 of 24.

TO SAVE POSTAGE, PLEASE DO NOT RETURN THIS BOOKLET WITH YOUR QUESTIONNAIRE.

SOUTHEASTERN ALASKA SPORT FISH SURVEY AREAS		PAGE
A. KETCHIKAN AREA	All Alaska waters and drainages of the Unuk River and East Behm Canal south to the Proposed International Boundary line and east of a line bisecting Clarence Strait to the Canadian border. This area includes Duke, Annette, Revillagigedo, Gravina islands, and others. FISHING SITES: East and West Behm Canals, Clarence Strait, Revillagigedo Channel, Tongass Narrows, Yes Bay, Bell Island, Naha River, Ward Cove Creek, and others.	10
B. PRINCE OF WALES AREA	Alaska marine and fresh waters west of a line bisecting Clarence Strait and north of the Proposed International Boundary to a line bisecting Sumner Strait (including Forrester Island in the south and Warren Island in the north.) FISHING SITES: Karta and Klawock rivers, Nossuk and Shaheen creeks, Sweetwater and Thorne systems, and others.	10
C. KAKE, PETERSBURG, WRANGELL, STIKINE AREA	Alaska waters, including freshwater drainages, bounded by a line from Ernest Sound east through Bradfield Canal to the Canadian border and north along a line bisecting Clarence Strait to Sumner Strait, bisecting Sumner Strait and turning south to, and including, Coronation Island. This area is bounded on the north by a line from the Canadian border west through Cape Fanshaw and bisecting Frederick Sound before ending at the Sitka Borough boundary in Chatham Strait. The Sitka Borough boundary extended south to Coronation Island forms the western boundary; the Canadian border forms the eastern boundary. Islands in this area include, but are not limited to, Etolin, Deer, Onslow, Sumner, Wrangell, Zarembo, Kupreanof, Mitkof, Farm, Kuiu, and Coronation. FISHING SITES: Blind Slough, Wrangell Narrows, Duncan Saltchuck, Duncan Canal; Grays Pass; Castle River; Anan, Petersburg, and Kadake creeks; and others.	10
D. SITKA AREA	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. FISHING SITES: Sitka Sound, Salisbury Sound, Eva Lake system, Baranof system, Sitkoh system, and others.	11
E. JUNEAU AREA	All Alaska marine and fresh waters bounded on the south by a line from the Canadian border west through Cape Fanshaw to the Sitka Borough boundary in Chatham Strait; on the east by the Canadian border; on the north by the Haines Borough/Juneau City and Borough boundary from Mount Nesselrode (Boundary Peak 98) on the Canadian border, west to Eldred Rock Lighthouse, south through Lynn Canal to latitude of Point Sherman, west through Lynn Canal and ending at the western boundary of Glacier Bay National Monument north of the Endicott River watershed; and on the west by all east-side drainages of the Lynn Canal and a line bisecting Chatham Strait south from Pt. Couverden to Frederick Sound. This area includes all of Admiralty Island. FISHING SITES: Doty Cove to Berners Bay (including all Berners Bay rivers) and west to Point Retreat; Dupont to Echo Cove and Douglas Island; Mitchell Bay Salt Lagoon; Salmon Creek Reservoir; Hasselborg, Florence, Turner, and Peterson lakes; and others.	11
F. HAINES-SKAGWAY AREA	All Alaska marine and fresh waters north of the Haines Borough/Juneau City and Borough boundary from Mount Nesselrode (Boundary Peak 98) Canadian border, west to Eldred Rock Lighthouse, south through Lynn Canal to latitude of Point Sherman, west through Lynn Canal and ending at the western boundary of Glacier Bay National Monument north of the Endicott River watershed; and north and east of this National Monument boundary to the Canadian border. The area does not include Pt. Sherman. FISHING SITES: Chilkoot River, Chilkoot Lake, and others. SKAGWAY SUB-AREA:That portion of the Haines-Skagway Area north of a line from Taiya Point east to the Canadian border and north and east of the Ferebee River drainage (excludes Ferebee River). HAINES SUB-AREA: Remainder of Haines-Skagway Area.	11
G. GLACIER BAY AREA	All marine and fresh waters within the Glacier Bay National Park boundaries excluding the park and preserve north of Cape Fairweather, all east-side drainages of Excursion Inlet, and marine and fresh waters adjacent to, or including, Chichagof Island drainages into Icy Strait, Cross Sound, Port Frederick, Lisianski Inlet, and the Gulf of Alaska south to the north side of, but not including, Goulding Harbor and Hill Island. Islands in this area include, but are not limited to, Yakobi, Inian, Lemesurier, Pleasant, and the nothern half of Chichagof. FISHING SITES: Icy Strait, Cross Sound, Bartlett River, Salmon River, Berg Bay, Mud Bay Creek, and others.	13
H. YAKUTAT AREA	All Gulf of Alaska drainages from Cape Fairweather north to, but not including, Cape Suckling. This area includes associated salt water and is bounded inland by the Canadian border and the Bagley Icefield. FISHING SITES: Situk River, Lost River, Ankau Lagoon, Tsiu River, Italio River, Yakutat Bay, and others.	13

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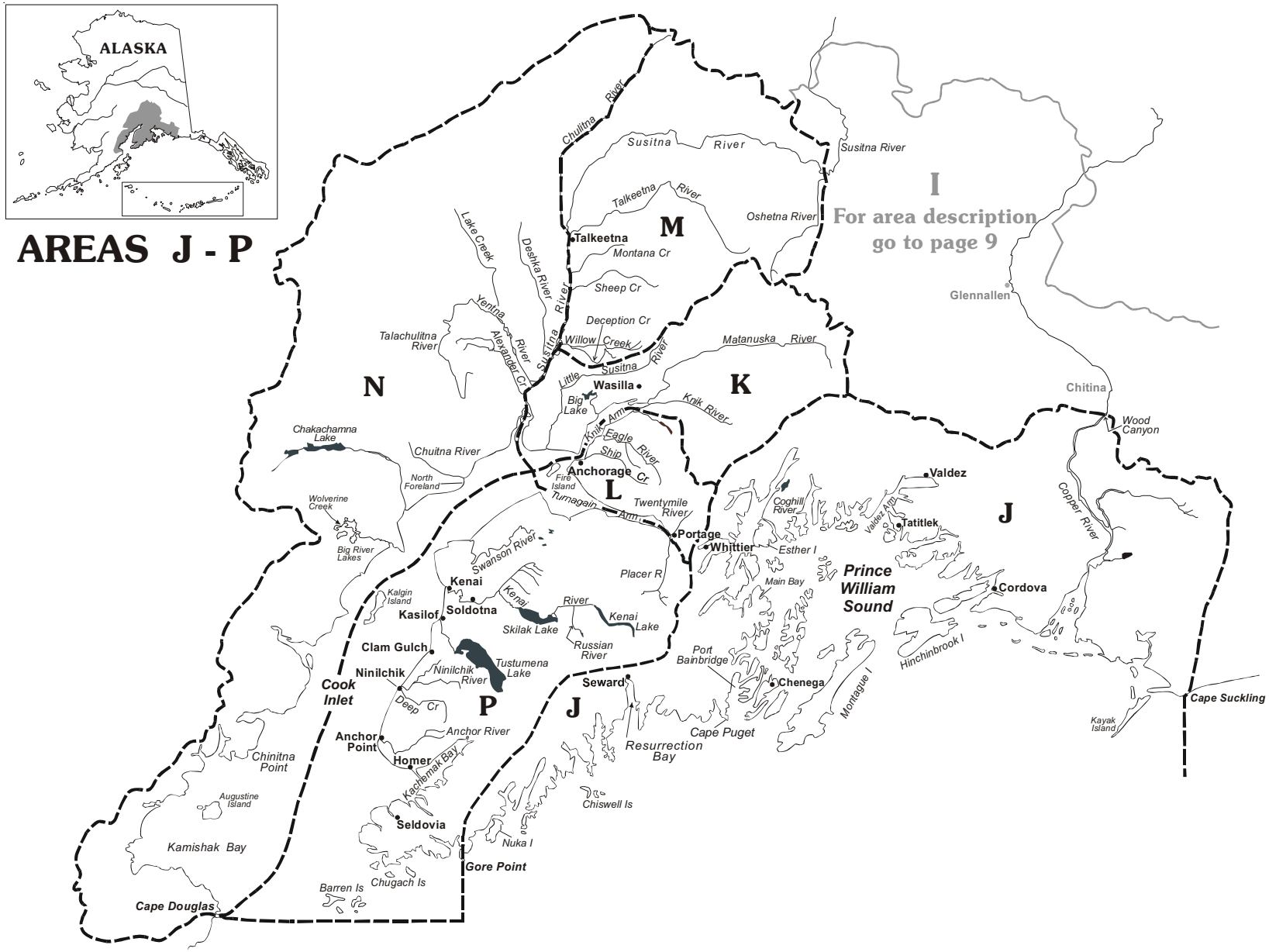

Appendix B6.-Page 4 of 24.

SOUTHCENTRAL ALASKA SPORT FISH SURVEY AREAS		PAGE
I. UPPER COPPER-UPPER SUSITNA DRAINAGES	See page 9 for Survey Area description.	19
J. NORTH GULF COAST/PRINCE WILLIAM SOUND AREA	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. FISHING SITES: Valdez Bay; Passage Canal (Whittier); Resurrection Bay (Seward), Aialik Bay, Nuka Bay; Hinchinbrook Entrance, Montague Strait, and Chiswell Islands; Eshamy and Shrode creeks; Eyak, Coghill, and Pigot rivers; Eshamy and Shrode lakes; and others.	13-14
K. KNIK ARM DRAINAGE AREA	All watersheds of the Matanuska River, Knik River, and Little Susitna River, as well as east-side drainages of the Susitna River from Cook Inlet north to, but not including, the Willow Creek drainage. Also Knik Arm west of the Anchorage municipal boundary and its drainages, including the Nancy Lake Recreation Area. Includes fish caught from the east bank of this portion of the Susitna River. FISHING SITES: Little Susitna River; Fish Creek area; Wasilla, Cottonwood, and Jim creeks; Wasilla, Finger, Lucille, Nancy and Big lakes; Kepler Lake complex; Eklutna power plant raceway; and others.	14
L. ANCHORAGE AREA	All marine and fresh waters bounded by the Eklutna River drainage on the north, the Chugach Mountains on the east, Knik Arm on the west, and Turnagain Arm to Ingram Creek (including Portage Creek and Placer River) on the south. FISHING SITES: Ship, Bird, Campbell, Portage, and Ingram creeks; Portage, Twentymile and Eagle rivers; Jewel, Campbell Point, Sand, Lower Fire, Mirror, Otter, Clunie, Gwen, Sixmile, Green, Hillberg, Triangle, C Street, Beach, Fish, and Cheney lakes; and others.	14-15
M. EAST-SIDE SUSITNA DRAINAGE AREA	All drainages of the Susitna River from its confluence with the Oshetna River downstream to its confluence with the Chulitna River near Talkeetna and including the Oshetna River drainage; all east-side drainages of the Susitna River from Talkeetna to, and including, Willow and Deception creeks on the south; and all east-side drainages of the Middle Fork of the Chulitna River, from near Summit to near Talkeetna. This includes all fish caught while fishing from the east bank of the Susitna and Chulitna rivers from Willow Creek north to near Summit. FISHING SITES: Willow, Deception, Caswell, Montana, Sunshine, Clear (Chunilna), Sheep, Little Willow creeks, Kashwitna, Benka, and Byers Lakes. Does not include Little Susitna River, see page 13, KNIK ARM DRAINAGE AREA.	15
N. WEST-SIDE COOK INLET WEST-SIDE SUSITNA DRAINAGE AREA	All west-side drainages of the Susitna River, from its confluence with the Chulitna River near Talkeetna to Cook Inlet; all west-side drainages of the Chulitna River from Summit to its confluence with the Susitna, near Talkeetna; and all drainages emptying into Cook Inlet from the Susitna River to Cape Douglas and including Kamishak Bay and other associated salt water. This includes all fish caught while fishing from the west bank of the above river reaches. FISHING SITES: Deshka, Talachulitna, Chuitna, Theodore, and Lewis rivers; Alexander, Polly, and Lake creeks; Shell and Judd lakes; and others.	15
P. KENAI PENINSULA AREA	All fresh water and associated salt water of the Kenai Peninsula bounded on the north by Turnagain Arm and including the Granite Creek drainage; on the west by Cook Inlet and including Kalgin Island; and on the east by the Placer River drainage, Kenai Lake and Kenai River watershed, and waters flowing into the Gulf of Alaska west of Gore Point. FISHING SITES: Kenai, Anchor, Ninilchik, Russian, and Kasilof rivers; Deep and Stariski creeks; Hidden Lake; Swanson River and Swan Lake Canoe systems; and others. Includes Kachemak Bay, the Barren Islands, and Cook Inlet waters north of the latitude of Cape Douglas. (Does NOT include Resurrection Bay; see Area J description on this page for Resurrection Bay).	17

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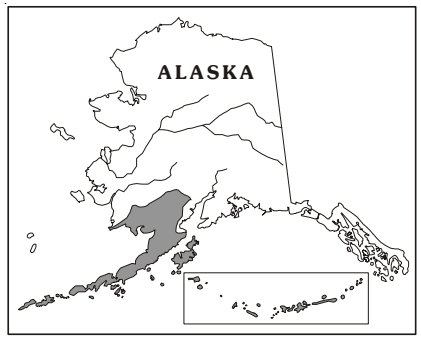
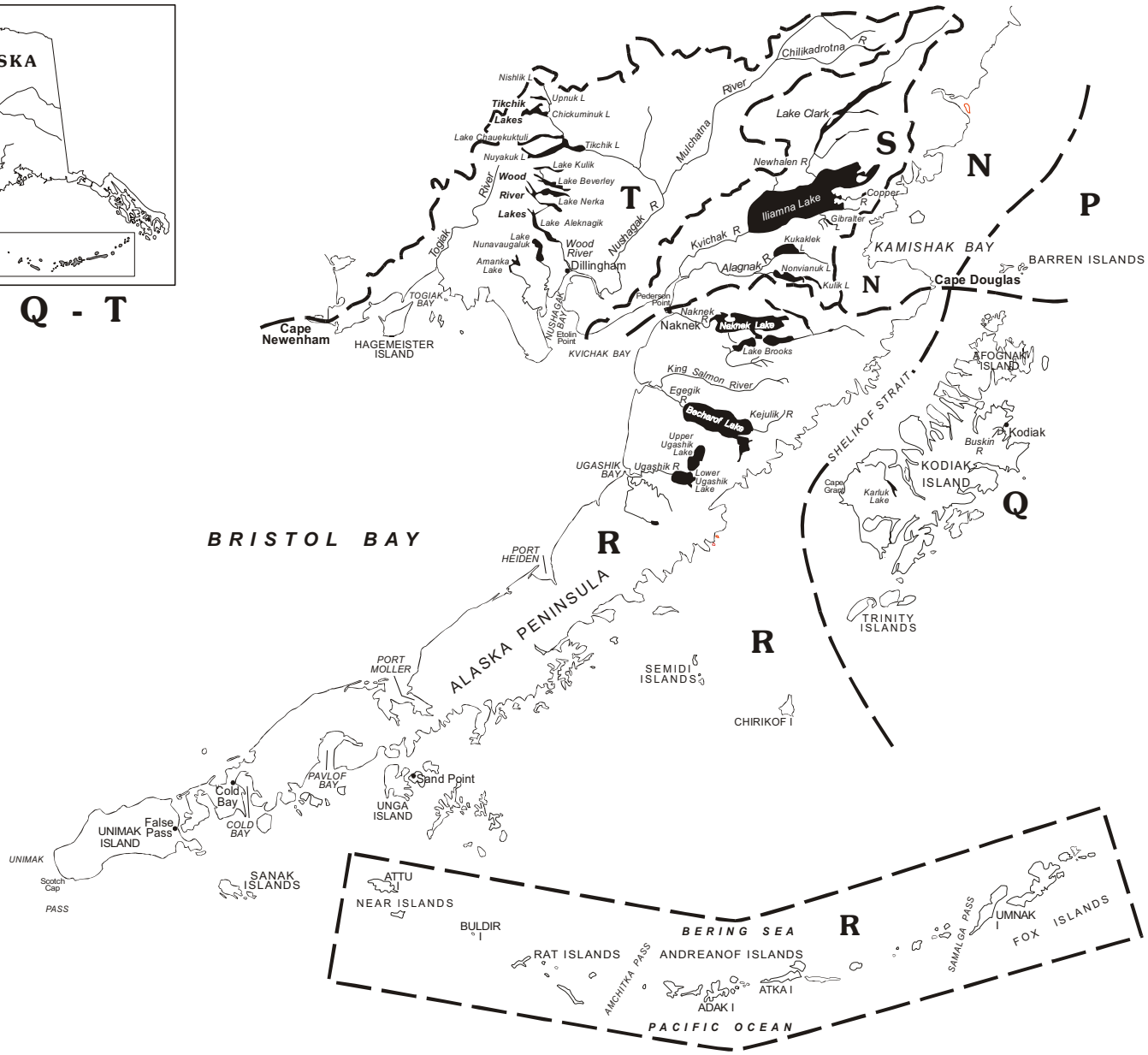


AREAS Q - T



Appendix B6.-Page 6 of 24.

SOUTHWESTERN ALASKA SPORT FISH SURVEY AREAS		PAGE
Q. KODIAK AREA	All marine and fresh waters within the Kodiak Island Borough boundary. This includes Afognak Island in the north and the Trinity Islands in the south. FISHING SITES: Buskin and Pasagshak rivers; Karluk River, Lake and Lagoon; and others. (Does NOT include the Barren Islands, see page 14, KENAI PENINSULA AREA).	18
R. NAKNEK DRAINAGES ALASKA PENINSULA AREA	All freshwater drainages of the Alaska Peninsula and the Aleutian Chain south of Cape Douglas and the Naknek watershed. Boundary waters are included as well as adjacent salt water and islands. FISHING SITES: Russel Creek (Cold Bay Area) Adak Island Area, Naknek River and Lake, Brooks River and Lake, Ugashik system, Becharof system, and other.	18
S. KVICHAK RIVER DRAINAGE AREA	All waters and tributaries of the Kvichak River watershed, including Nonvianuk Lake, Kukaklek Lake, Kulik Lake, Lake Iliamna, and Lake Clark. Also includes Kvichak Bay north of Naknek. FISHING SITES: Lower Talarik Creek; Copper, Newhalen, and Alagnak rivers; Gibraltar system; and others.	18
T. NUSHAGAK AREA	All waters and tributaries of the Nushagak River watershed, including the Mulchatna River drainage, the Wood River and Tikchik Lakes systems and waters westward to Cape Newenham. Includes adjacent salt water. FISHING SITES: Togiak River system, Chilikadrotna River, and others.	19

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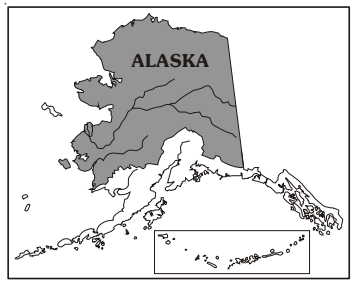
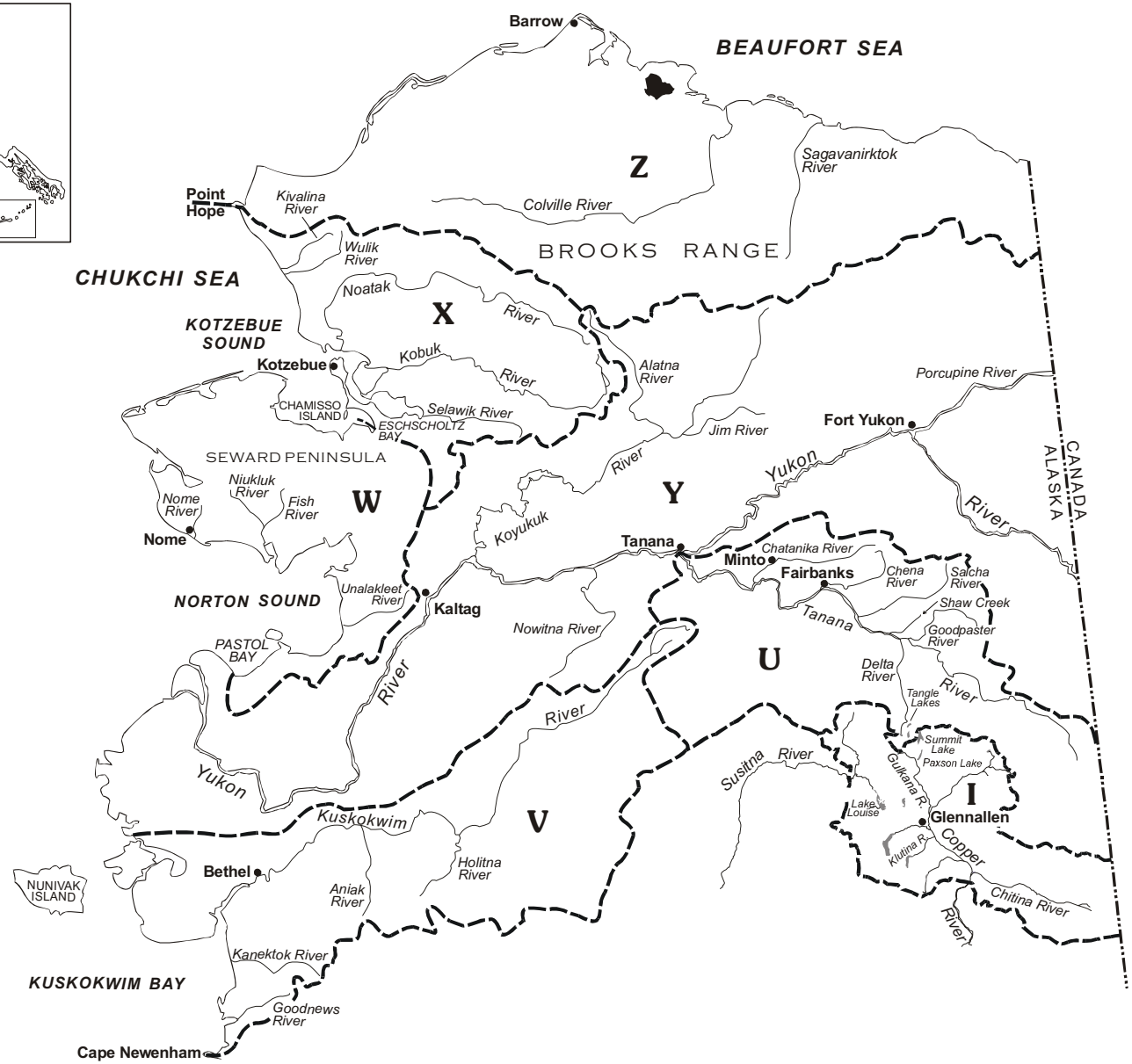


AREAS I & U - Z



Appendix B6.-Page 8 of 24.

ARCTIC-YUKON-KUSKOKWIM SPORT FISH SURVEY AREAS		PAGE
I. UPPER COPPER-UPPER SUSITNA DRAINAGES	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; also includes the upper Susitna River drainage east of its confluence with the Oshetna River. Does not include the Oshetna River. FISHING SITES: Crosswind, Tyone, Van, Paxson, Summit, Strelna, Sculpin, Hudson, and Susitna lakes; Lake Louise; Gulkana River; and others (Does not include Tangle Lakes, see pages 36 and 37, TANANA RIVER AREA).	19
U. TANANA RIVER DRAINAGES	The Tanana River watershed. FISHING SITES: Chena, Chatanika, Salcha, Delta Clearwater, Richardson Clearwater, Goodpaster, and Delta rivers; Shaw Creek; Badger Slough; Birch, Quartz, George, Volkmar, Fielding, Tangle, and Chena lakes; Summit, Broad Pass; and other small lakes in the Summit area; Minto Flats; and others.	19-20
V. KUSKOKWIM RIVER-KUSKOKWIM BAY DRAINAGES	The Kuskokwim River watershed. All waters flowing into Kuskokwim Bay; adjacent salt water from Cape Newenham north to the Naskonat Peninsula (north of Nelson Island), and Nunivak Island. This area does not include the Pastolik River, nor any portion of the Tanana River watershed or Yukon River watershed. FISHING SITES: Kanektok, Goodnews, Aniak, and Holitna rivers, and others.	20
W. SEWARD PENINSULA-NORTON SOUND DRAINAGES	All waters north of the Yukon River drainage, south of the Selawik River-Kotzebue Sound area, and west of the Yukon-Koyukuk river drainages. This area includes Pastol Bay and all salt water north and west of it in Norton Sound as well as salt water adjacent to the Seward Peninsula, including Spafarief Bay in Kotzebue Sound and the southern half of Eschscholtz Bay; and St. Lawrence Island. FISHING SITES: Unalakleet, Pastolik, Pilgrim, Nome, Fish and Niukluk rivers; and others.	20
X. NORTHWEST ALASKA DRAINAGES	All waters and drainages of the Kotzebue area including drainages of the Selawik, Kobuk, Noatak, Wulik, and Kivalina rivers. All salt water in the northern half of Eschscholtz Bay, including Chamisso Island area, and the northern half of Kotzebue Sound to and including Point Hope.	21
Y. YUKON RIVER DRAINAGES	The Yukon River watershed. All drainages of the Yukon River (including the Alaska portion of the White River drainage in the Wrangell Mts.) from the south side of the Brooks Range to the Bering Sea, from Naskonat Peninsula north to Pastol Bay; from the Canadian border, including the Alaskan portion of the Fortymile and Sixtymile river drainages, west to the Bering Sea. This area excludes all portions of the Tanana and Kuskokwim river watersheds. FISHING SITES: Innoko River, Haul Road/Dalton Highway lakes and streams.	21
Z. NORTH SLOPE BROOKS RANGE DRAINAGES	All drainages north of the Brooks Range flowing into the Beaufort and Chukchi Seas, east of Point Hope and west of the Canadian border, including adjacent saltwater areas.	21

SOUTHEAST ALASKA

AREA A
KETCHIKAN AREA

Saltwater

No.	Site Name
1	East and West Behm Canals
1008	Terminal Harvest Areas near Ketchikan *† (6/14-7/31)
5	Yes Bay
6	Bell Island
728	Mountain Point
730	Carroll Inlet
737	Herring Cove
7	Other Boat Sites (Specify Site Names)
8	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 (incl. lake)
187	Winstanley Lake
111	Other Streams (Specify Site Names)
112	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.

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 Terminal Fishery ††
1	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
220	Sarkar System (Stream, Lake)
158	Staney Creek
218	Sweetwater System (Stream, Lake)
217	Thorne System (Stream, Lake)
108	Other Streams (Specify Site Names)
109	Other Lakes (Specify Site Names)

†† Located within the Whale Pass area.

Fish Size Categories
AREAS A, B, AND C KING SALMON
"Large" are 28 inches and over;
"Small" are under 28 inches.

AREA C
KAKE, PETERSBURG, WRANGELL, STIKINE AREA

Saltwater

No.	Site Name
728	Frederick Sound (near Petersburg)
1	Terminal Harvest Area near Petersburg (6/1-7/31)** †
906	Remainder of Petersburg Area
908	Wrangell Area
910	Earl West Cove
776	Kake Area
907	Petersburg Road System
909	Wrangell Road System
4	Other Saltwater (Specify Site Names)

Freshwater

No.	Site Name
5	Blind Slough (in Wrangell Narrows)
9	Anan Creek
8	Castle River
202	Pat's Lake (Trout Lake)
10	Petersburg Creek
175	Stikine River
216	Thoms Creek and Lake
112	Other Streams (Specify Site Names)
113	Other Lakes (Specify Site Names)

*****Described as that portion of Wrangell Narrows, south of 56° 46'N. lat. (Martinsen's dock) and north of the latitude of the northern tip of Woewodski I.***

SOUTHEAST ALASKA

AREA D
SITKA AREA

Saltwater

No.	Site Name
724	Sitka Sound (excluding Terminal Harvest Area) (Specify Site Names)
1054	Terminal Harvest Area (Silver Bay)* † (6/25-7/31)
766	Salisbury Sound
1044	Outer Coast of Kruzof Island
1046	Tenakee area
1048	East Shore of Baranof Island (excluding Terminal Harvest Area)
1056	Terminal Harvest Area (Hidden Falls)**† (6/25-7/31)
1050	West Chichagof Island
1053	Sitka Road System
1	Other Saltwater (Specify Site Names)

Freshwater

No.	Site Name
3	Plotnikof and Rezanof System (lake, stream)
8	Eva Lake System
14	Sitkoh System
148	Salmon Lake
186	Baranof System
107	Other Streams (Specify Site Names)
110	Other Lakes (Specify Site Names)

**** Described as marine waters of Silver Bay east of a line from Entry Point to Silver Point.***

*****Described as waters within two miles of the Baranof I. shoreline south of a marker on South Point and north of a marker south of Takatz Bay.***

AREA E
JUNEAU AREA

Saltwater

No.	Site Name
1	Doty Cove to Berners Bay and west to Point Retreat (excluding Terminal Harvest Area)
956	Terminal Harvest Area ***† (6/4-8/31)
758	Angoon Area
923	Auke Creek Mouth
939	Macaulay Hatchery (DIPAC)
3	Other Juneau Road System
2	Other Saltwater (Specify Site Names)

Freshwater

No.	Site Name
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
107	Other Streams (Specify Site Names)
113	Other Lakes (Specify Site Names)

****** Described as marine waters east of a line from Pt. Louisa to the eastern shore of Portland I, to the N. tip of Outer Point on Douglas I and the waters west of the Juneau - Douglas Bridge.***

† A terminal harvest area is where associated boundaries and liberalized harvest limits or methods and means are established by emergency order.

AREA F1
SKAGWAY SUB- AREA

F1 - Saltwater, Skagway Sub-Area

No.	Site Name
736	Taiya Inlet
1	Other Saltwater (Specify Site Names)

F1 - Freshwater, Skagway Sub-Area

No.	Site Name
121	Pullen Creek and Pond
108	Skagway Area Streams (Specify Site Names)
109	Skagway Area Lakes (Specify Site Names)

AREA F2
HAINES SUB- AREA

F2 - Saltwater, Haines Sub-Area

No.	Site Name
732	Chilkoot Inlet
730	Chilkat Inlet
1	Other Saltwater (Spedify Site Names)

F2 - Freshwater, Haines Sub-Area

No.	Site Name
5	Chilkoot Lake
130	Chilkat Lake
3	Chilkoot River
107	Chilkat River
108	Haines Area Streams (Specify Site Names)
109	Haines Area Lakes (Specify Site Names)

Fish Size Categories
AREAS D, E, AND F KING SALMON
"Large" are 28 inches and over;
"Small" are under 28 inches.

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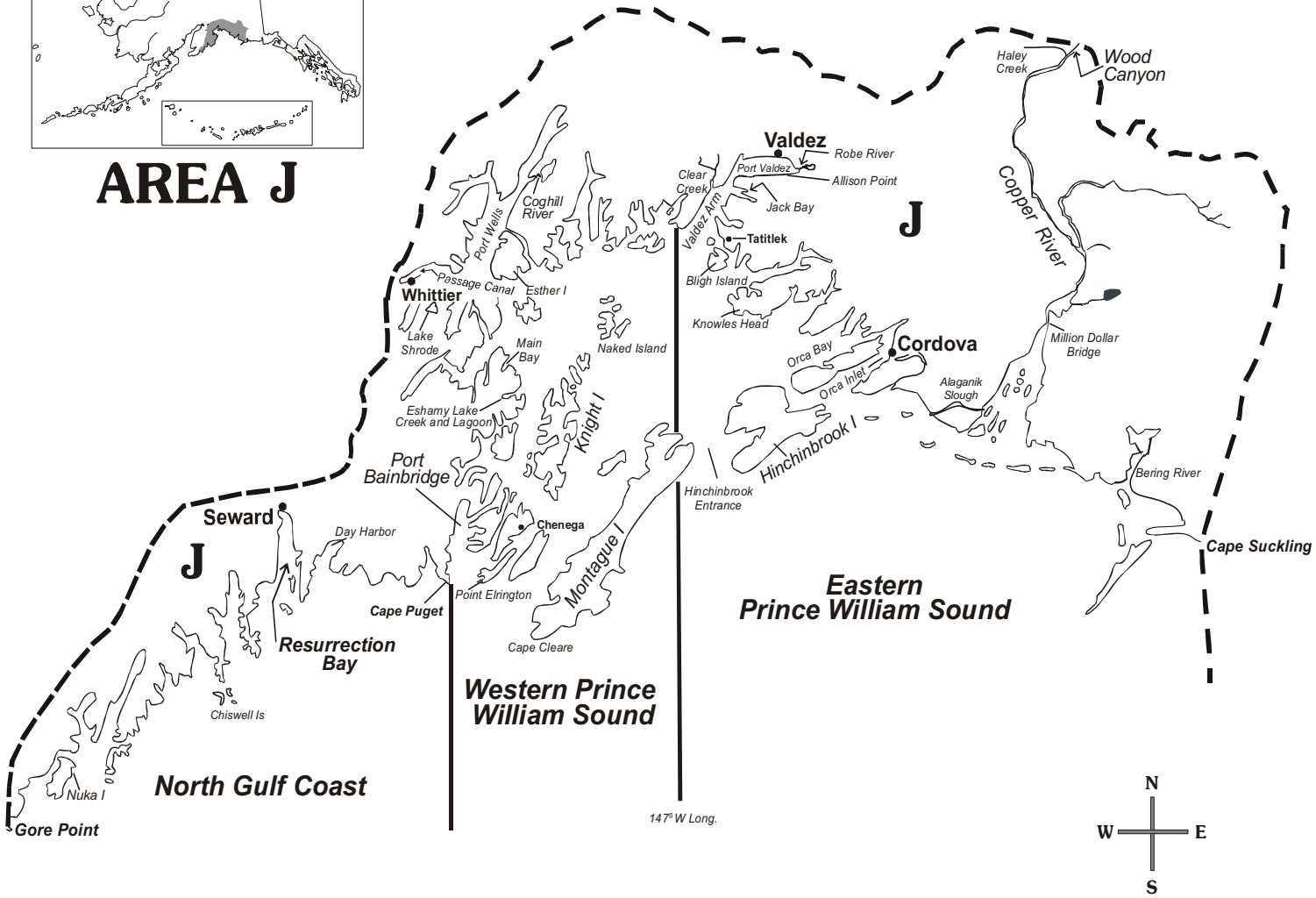
North Gulf Coast/Prince William Sound

AREA J



SOUTHEAST ALASKA

AREA G
GLACIER BAY AREA

Saltwater

No.	Site Name
736	Glacier Bay proper (inside Glacier Bay National Park)*
972	Glacier Bay NP (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
741	Gustavus area
769	Berg Bay
805	Northern Chichagof Island
1	Other Saltwater (Specify Site Names)

Freshwater

No.	Site Name
110	Salmon River
105	Bartlett River
127	Mud Bay Creek
128	Game Creek
129	Neka River
103	Other Streams (Specify)
104	Lakes (Specify)

Glacier Bay proper is described as all marine contiguous waters inside or north of a line from Pt. Carolus to Pt. Gustavus.

AREA H
YAKUTAT AREA

Saltwater

No.	Site Name
724	Yakutat Bay
1	Other Saltwater (Specify Site Names)
750	Ankau Lagoon

Freshwater

No.	Site Name
135	East Alsek River
117	Italio River
120	Lost River
148	Situk River, above weir†
149	Situk River, below weir†
134	Tsiu River
104	Other Streams (Specify Site Names)
105	Lakes (Specify Site Names)

†The Situk weir is located near the river mouth approximately 1.5 miles above the Situk Landing.

Fish Size Categories

AREA **G** KING SALMON
"Large" are 28 inches and over.
"Small" are under 28 inches.

ARE **H** KING SALMON
Saltwater
"Large" are 28 inches and over.
"Small" are under 28 inches.
Freshwater
"Large" are 20 inches and over.
"Small" are under 20 inches.

AREA I
(GO TO PG 19)

SOUTHCENTRAL ALASKA

AREA J (PART 1 OF 2) (SEE MAP PG. 12)
NORTH GULF COAST/PRINCE WILLIAM SOUND AREA

Saltwater Sport Fishing from Boat or Shore:

Trip ENDED in SEWARD: Fish were caught in (indicate below):

No.	Site Name
1101	Resurrection Bay
1102	North Gulf Coast waters (see map on pg. 12)
1103	Western Prince William Sound
1104	Other site (Specify) or indicate Unknown

Trip ENDED in WHITTIER, CHENEGA, or other site in western PRINCE WILLIAM SOUND: Fish were caught in (indicate below):

No.	Site Name
1201	Western Prince William Sound (Specify)
1202	Eastern Prince William Sound (Specify)
1203	Other site (Specify) or indicate Unknown

Trip ENDED in VALDEZ: Fish were caught in (indicate below):

No.	Site Name
1301	Western Prince William Sound (Specify)
1302	Eastern Prince William Sound (Specify)
1305	Valdez Arm
1303	Other site (Specify) or indicate Unknown

Trip ENDED in CORDOVA or other site in eastern PRINCE WILLIAM SOUND: Fish were caught in (indicate below):

No.	Site Name
1401	Western Prince William Sound (Specify)
1402	Eastern Prince William Sound (Specify)
1403	Other site (Specify) or indicate Unknown

Trip ENDED OTHER than above: Fish were caught in (indicate below):

No.	Site Name
1500	Other site (Specify) or indicate Unknown:

Area J is continued on page 14

SOUTHCENTRAL ALASKA

AREA J (PART 2 OF 2)
NORTH GULF COAST/PRINCE WILLIAM SOUND AREA

Saltwater Sport Fishing from Shoreline

1008 Resurrection Bay (Seward)
759 Whittier, Passage Canal
727 Valdez Road System
747 Remainder of Valdez Arm
729 Orca Inlet (Cordova)
4 Other Saltwater Shoreline Site (Specify Site Names)

Freshwater

5 Eyak River
307 Eshamy Lake, Creek, and Lagoon
7 Coghill River
114 Alaganik Slough
222 Robe River Drainage
308 Clear Creek
12 Shrode Lake
110 Other Streams (Specify Site Names)
113 Other Lakes (Specify Site Names)

Kepler Complex consists of Bradley, Canoe, Echo, Irene, Kepler, Klaire, Matanuska, Silver, and Victor lakes, and Long Lake (catch and release).

AREA K
KNIK ARM DRAINAGE AREA

SPORT FISHERIES

Saltwater

No.	Site Name
1	Fish Creek Area (***Not*** dipnetting)
2	Other (Specify Site Names)

Freshwater

Nancy Lake Recreation Area

No.	Site Name
243	Big Noluck Lake
242	Little Noluck Lake
13	Nancy Lake
241	South Rolly Lake
244	Other sites (within Recreation Area)

Remainder of Area K

No.	Site Name
12	Big Lake
7	Cottonwood Creek
14	Eklutna Power Plant Raceway
9	Finger Lake
234	Fish Creek, Big Lake Drainage ***(Not*** dipnetting)
10	Kepler Lake Complex (Specify Site Names)*
5	Knik River and tributaries incl Jim Creek
4	Little Susitna River
11	Lucille Lake
159	Meadow Creek (Big Lake Drainage)
6	Wasilla Creek (Rabbit Slough)
8	Wasilla Lake
221	Long Lake (Mile 85 Glenn Hwy)
114	Other Streams (Specify Site Names)
115	Other Lakes (Specify Site Names)**

*****If Long Lake, specify location (Kepler Lakes, Willow, or Big Lake area).***

AREA L (PART 1 OF 2)
ANCHORAGE AREA

Saltwater

No.	Site Name
1	Specify Site Names

Freshwater

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
5	Sand Lake

Elmendorf Air Force Base Lakes

No.	Site Name
22	Fish Lake
12	Green Lake
13	Hillberg Lake
11	Sixmile Lake
19	Triangle Lake

Fort Richardson Lakes

No.	Site Name
9	Clunie Lake
10	Gwen Lake
8	Otter Lake

Other Area L Lakes

No.	Site Name
21	Beach Lake
6	Lower Fire Lake
7	Mirror Lake
124	Other Lakes (Specify Site Names)

Area L is continued on page 15

SOUTHCENTRAL ALASKA

AREA L (PART 2 OF 2)
ANCHORAGE AREA

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
125	Other Streams (Specify Site Names)

AREA M
EAST SIDE SUSITNA DRAINAGE AREA

Freshwater

No.	Site Name
117	Birch Creek
5	Caswell Creek
8	Clear (Chunilna) Creek
138	Goose Creek
143	Kashwitna River
10	Little Willow Creek
6	Montana Creek
7	Sunshine Creek
9	Sheep Creek
170	Talkeetna River
181	Troublesome Creek
4	Willow Creek
112	Other Streams (Specify Site Names)
111	Other Lakes (Specify Site Names)

At river mile 7, 1 mile upstream from Lobs Homestead and 16 miles downstream of Neil Lake.

AREA N
WEST COOK INLET-WEST SUSITNA DRAINAGE AREA

Saltwater

No.	Site Name
16	Razor Clams: Polly Creek Beach/Crescent River Bar
966	Boat Sites North of Chinitna Point (Specify)
946	Boat Sites South of ChinitnaPoint (Specify)
2	Shoreline Sites (Specify)

Freshwater

Susitna River Drainage Fishing Sites

No.	Site Name
347	Deshka River (Kroto Creek) above the weir*
348	Deshka River (Kroto Creek) below the weir*
4	Lake Creek
171	Fish Lake Creek & Fish Lakes (Yentna Drainage)
7	Talachulitna River
117	Alexander Creek
118	Alexander Lake
262	Trapper Lake
331	Other Sites (Specify)

Susitna to North Forelands Fishing Sites

No.	Site Name
8	Chuitna River
10	Lewis River
9	Theodore River
332	Other Sites (Specify)

South of North Forelands Fishing Sites

No.	Site Name
186	Kustatan River
125	Big River Lakes
340	Wolverine Creek (Big River Lakes)
237	Silver Salmon Creek
6	Polly Creek
333	Other Sites (Specify)

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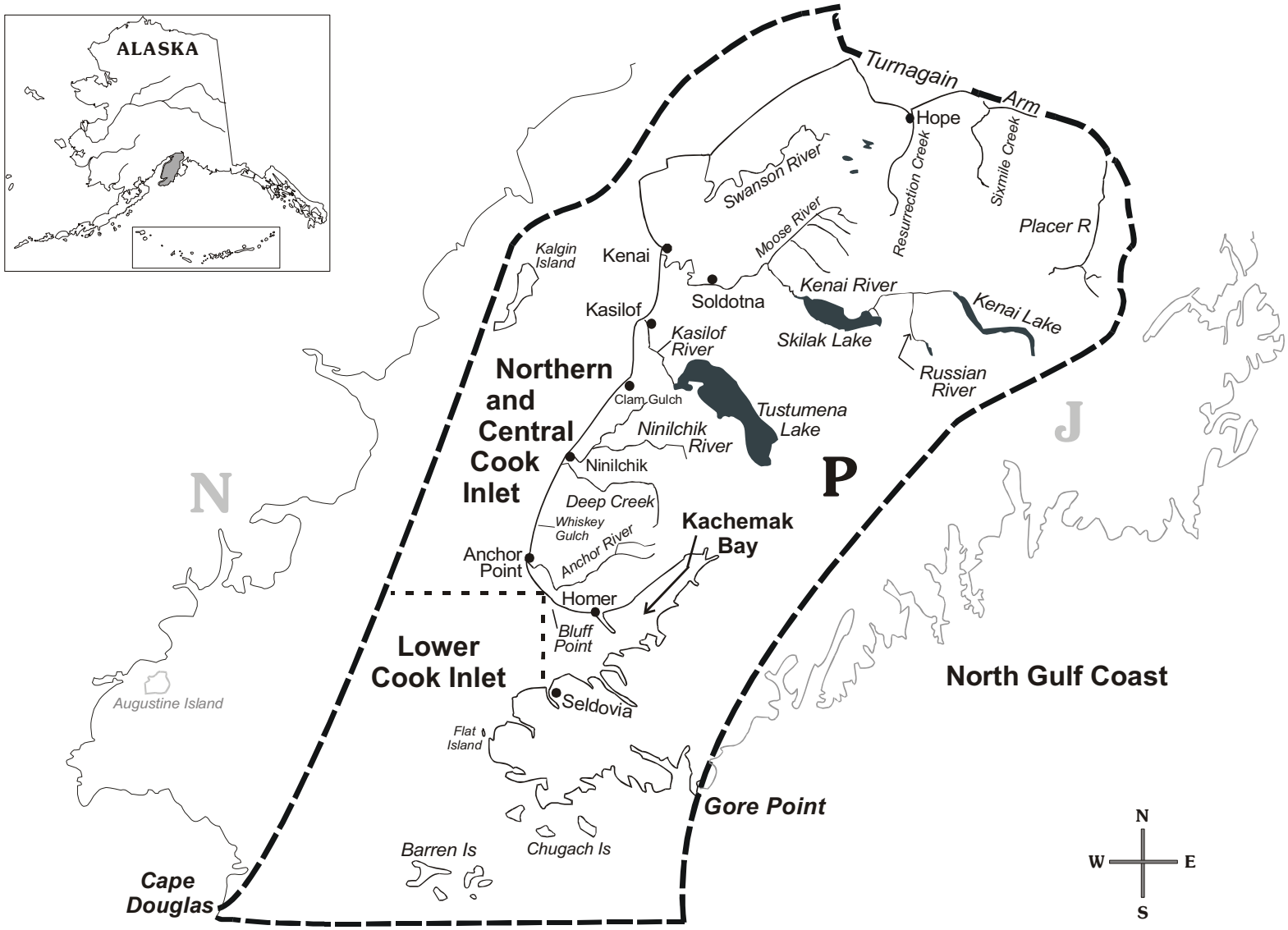
AREA P

Kenai Peninsula



Appendix B6.-Page 16 of 24.

SOUTHCENTRAL ALASKA

AREA P (PART 1 OF 2)

KENAI PENINSULA AREA - See next column for Dipnet Fisheries & Shellfish Sites

SPORT FISHERIES

Saltwater

No.	Site Name
980	Cook Inlet north of Bluff Point area including saltwaters around Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River
796	Kachemak Bay (including Bluff Point area to Seldovia)
952	Lower Cook Inlet sites west of Gore Point and Kachemak Bay (not incl. Kachemak Bay)
823	Homer Spit (Shoreline fishing on the Spit)
991	Other Lower Cook Inlet and Kachemak Bay Shoreline sites (Specify)

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 †
226	Sixmile Creek Drainage ††
228	Skilak Lake
334	Swanson River
14	Swanson River Canoe Route Lakes
15	Swan Lake Canoe System
244	Tustumena Lake
111	Other Streams (Specify Site Names)
114	Other Lakes (Specify Site Names)

AREA P (PART 2 OF 2)

KENAI PENINSULA AREA - See previous column for Sport Fisheries

NET FISHERIES

No.	Site Name
9001	China Poot (dipnet)
9002	Kenai River (dipnet)
9003	Kasilof River (dipnet)
9007	Kasilof River (gillnet)

SHELLFISH

No.	Site Name
797	Kachemak Bay (including Bluff Pt. area to Seldovia)
999	CLAMS: Deep Creek Beach (Anchor River to Deep Creek)
997	CLAMS: Ninilchik Beach (Deep Creek to set net access)**
775	CLAMS: Clam Gulch Beach (Set Net Access to Kasilof River)**
4	Other Sites (Specify)

†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.

*****Set net access is a private road entering the beach approximately 10 miles north of Ninilchik and 8 miles south of the Clam Gulch beach access road.***

HARDSHELL CLAMS

The **butter clam** shell is thick and white. It has heavy concentric gowth rings, but no vertical ridges. The shell's inner edge is smooth. Butter clams are 3 to 5 inches long.

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.

RAZOR CLAM

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.

SOUTHWEST ALASKA

AREA Q
KODIAK AREA

Saltwater

No.	Site Name
736	Chiniak Bay Area*
776	Ugak Bay
800	Shuyak Area
814	Afognak Island
812	Pauls Bay
770	Uyak Bay
887	Afognak Lagoon (Litnik)
932	Other Remote Saltwater Site (Specify)
934	Other Roadside Saltwater Site (Specify)

Freshwater

No.	Site Name
114	American River
3	Buskin River
277	Karluk Lake and River ABOVE the Weir †
278	Karluk Lagoon and River BELOW the Weir †
163	Olds River (or Creek)
275	Pasagshak Drainage
174	Red River (Ayakulik)
276	Saltery Cove Drainage
108	Roadside Lakes (Specify Site Names)
106	Other Streams (Specify Site Names)
109	Other Lakes (Specify Site Names)

Cape Chiniak to Monashka Bay

†Located 0.5 miles upstream of Karluk Lagoon on the Karluk River.

AREA R
NAKNEK RIVER DRAINAGE - ALASKA PENINSULA AREA

Saltwater

No.	Site Name
1	Cold Bay Area
756	Unalaska Bay Area
3	Other Saltwater (Specify Site Names)

Freshwater

No.	Site Name
281	Unalaska Bay Streams
182	American Creek
12	Becharof System**
10	Brooks River
13	Brooks Lake
5	Cold Bay Area (incl. Russel Creek)
130	Chignik River
275	Naknek River, upstream section††
279	Naknek River, downstream section†††
8	Naknek Lake - Bay of Islands
9	Naknek Lake - Other
11	Ugashik System††††
113	Other Streams (Specify Site Names)***
114	Other Lakes (Specify Site Names)

*****Including Becharof Lake, Kejulik and Egegik Rivers, and Shosky Creek.***

******If King Salmon River, specify location.***

††From Rapids Camp 9 miles upstream to Naknek Lake outlet, including tributaries.

†††From Rapids Camp downstream 19 miles to saltwater, including tributaries. Includes Naknek River near the community of King Salmon.

††††Including Upper and Lower Ugashik lakes.

AREA S
KVICHAK RIVER DRAINAGE AREA

Saltwater

No.	Site Name
1	Specify Site Names
704	Kvichak Bay

Freshwater

No.	Site Name
8	Alagnak (Branch) River
5	Copper River (Tributary of Iliamna Lake)
125	Iliamna Lake
3	Kvichak River
4	Lower Talarik Creek
6	Gibraltar Lake
9	Lake Clark
7	Newhalen River
111	Other Streams (Specify Site Names)
110	Other Lakes (Specify Site Names)

Fish Size Categories
AREA R and S KING SALMON
"Large" are 20 inches and over;
"Small" are under 20 inches.

SOUTHWEST ALASKA

AREA T
NUSHAGAK AREA

Saltwater

No.	Site Name
1	Specify Site Names

Freshwater

No.	Site Name
207	Nushagak River-Black Point upstream to sonar site at Portage Creek*
208	Nushagak River-Sonar site 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	Agulukpak River
4	Other Wood River Lakes System†
206	Nuyakuk River
5	Other Tikchik-Nuyakuk Lake System**
6	Togiak River System ††
109	Other Streams (Specify Site Names)
110	Other Lakes (Specify Site Names)

Excluding Mulchatna and tributaries, Kokwok, and Iowithla Rivers.

Including Nuyakuk, Tikchik, Chickuminuk, Nishlik, and Upnuk lakes, and Lake Chauekuktuli.

†Including Lakes Nerka, Beverly, and Kulik.

††Including Togiak River-Lake drainage area.

Fish Size Categories
AREA T KING SALMON
"Large" are 20 inches and over;
"Small" are under 20 inches.

ARCTIC-YUKON-KUSKOKWIM

AREA I
UPPER COPPER-UPPER SUSITNA DRAINAGES

PERSONAL USE DIPNET FISHERY

No.	Site Name
9010	Copper River (near Chitina) NOT fishwheel

SPORT FISHERIES

Freshwater

No.	Site Name
8	Crosswind Lake
500	Gulkana River (Paxson to West Fork)
600	Gulkana River (West Fork to Highway)
16	Gulkana River (Hwy. to Copper River)
2	Gulkana River (above Paxson, West Fork, Middle Fork)
416	Klutina River
10	Lake Louise***
212	Mendeltna Creek
13	Paxson Lake
11	Susitna Lake
14	Summit Lake (near Paxson)
398	Tolsona Lake
287	Tonsina River
295	Tyone Creek
12	Tyone Lake
4	Silver Lake
110	Other Streams (Specify Site Names)
111	Other Lakes (Specify Site Names)

Mile 160 Glenn Highway at the end of the Lake Louise Road.

AREA U (PART 1 OF 2)
TANANA RIVER DRAINAGES

Freshwater Lakes and Ponds

No.	Site Name
9	Birch Lake
347	Chena Hot Springs Road Ponds (ponds along the Chena Hot Springs Road, 30 to 50 mile)
18	Chena Lake Recreational Area
584	Coal Mine Road Lakes (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 (lakes along the Meadow and Ridge roads in the southern part of Fort Greely Military Reservations, incl. Weasel Lake)
10	Quartz Lake
346	Steese Ponds (ponds along the Steese Highway from mile 30 to mile 40).
12	Volkmar Lake

Area U is continued on page 20

ARCTIC-YUKON-KUSKOKWIM

AREA U (PART 2 OF 2)

TANANA RIVER DRAINAGES

Freshwater Streams

No.	Site Name
137	Brushkana Creek
613	Lower Chatanika River & tributaries (downstream of Elliot Hwy)
614	Upper Chatanika River & tributaries (upstream of Elliot Hwy)
2	Chena River (Lower section, incl Badger Slough)*
1	Chena River (Upper section)**
6	Delta Clearwater River
17	Delta River (below Tangle Lakes)
8	Goodpaster River
7	Richardson Clearwater River
5	Salcha River
16	Shaw Creek
514	Tanana River, Lower (the mainstem Tanana River downstream from Nenana)
515	Tanana River, Middle (the mainstem Tanana River between Delta Junction and Nenana)
516	Tanana River, Upper (the mainstem Tanana River upstream from Delta Junction)

Freshwater, Other

No.	Site Name
14	Minto Flats (all lakes and rivers of Minto Flats)
513	Nenana River Drainage (excluding Brushkana Creek)
319	Piledriver Slough (including Moose Creek)
15	Tangle Lakes and River†
116	Other Streams (Specify Site Names)
117	Other Lakes (Specify Site Names)

AREA V

KUSKOKWIM-GOODNEWS DRAINAGES

Saltwater

No.	Site Name
1	Specify Site Names

Freshwater

Kuskowkim River upstream of Aniak River

No.	Site Name
300	Kuskokwim River mainstem above Aniak R
6	Holitna River
134	George River
301	Other Streams (Specify Site Names)
302	Lakes (Specify Site Names)

Kuskowkim River downstream of Aniak River

No.	Site Name
310	Kuskokwim River mainstem below Aniak R
5	Aniak River
43	Kisaralik River
19	Kwethluk River
311	Other Streams (Specify Site Names)
312	Lakes (Specify Site Names)

Kuskowkim Bay Streams and Lakes

No.	Site Name
3	Kanektok River
4	Goodnews River
321	Other Streams (Specify Site Names)
322	Lakes (Specify Site Names)

AREA W

SEWARD PENINSULA-NORTON SOUND DRAINAGES

Saltwater

No.	Site Name
1	Specify Site Names

Freshwater

No.	Site Name
11	Eldorado River
112	Fish River and Tributaries ††
113	Niukluk River and Tributaries †††
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
7	Other Streams (Specify Site Names)
8	Lakes (Specify Site Names)

††Including Pargon, Rathlatulik; and Boston Creek.
†††Including Casadepaga River.

****The Chena River and tributaries from the mouth upstream to 25 mile Chena Hot Springs Road, including all parts of Badger Slough (sometimes called Chena Slough). This section is a catch and release water for Arctic grayling. All Arctic grayling caught must be released.***
*****The Chena River and tributaries accessed from the Chena Hot Springs Road beyond 25 mile on the road. This section is a catch and release water for Arctic grayling. All Arctic grayling must be released.***
†Tangle Lakes include Long Tangle, Lower Tangle, Landlocked Tangle, Round Tangle, and Upper Tangle lakes.

ARCTIC-YUKON-KUSKOKWIM

AREA X
NORTHWEST ALASKA DRAINAGES

Saltwater

No.	Site Name
1	Specify Site Names

Freshwater

No.	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
6	Other Streams (Specify Site Names)
8	Other Lakes (Specify Site Names)

AREA Y
YUKON RIVER DRAINAGES

Saltwater

No.	Site Name
1	Specify Site Names

Freshwater

Non-Yukon River Drainages

No.	Site name
254	Specify Site Names

Yukon River Drainage, Downstream from Koyukuk River

No.	Site name
147	Andreafsky River
148	Anvik River
182	Innoko River
280	Kaiyuh Slough/Khotol River
74	Nulato River
247	Other Sites (Specify Site Names)*

Yukon River Drainage, Koyukuk River to Fort Yukon

No.	Site name
94	Dall River
202	Beaver and Nome creeks (Steese Hwy.)
255	Birch Creek (Steese Hwy.)
16	Koyukuk River Drainage**
204	Nowitna River
24	Porcupine River Drainage
248	Other Sites (Specify Site Names)†

Remainder of Yukon River Drainage, Fort Yukon to Canadian Border

No.	Site name
249	Other Sites (Specify Site Names)

AREA Z
NORTH SLOPE BROOKS RANGE DRAINAGES

Saltwater

No.	Site Name
1	Specify Site Names

Freshwater

Lakes Near the Haul Road/Dalton Highway

No.	Site Name
43	Toolik Lake
60	Galbraith Lake
99	Other Lakes (Specify Site Names)

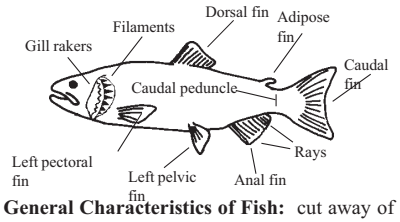
Streams Near the Haul Road/Dalton Highway

No.	Site Name
76	Sagavanirktok River
100	Other Streams (Specify)

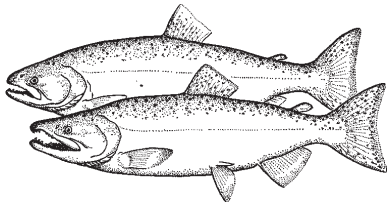
Remainder of Area Z Fishing Sites

No.	Site Name
14	Kongakut River
6	Other Streams (Specify)
5	Other Lake Sites (Specify)

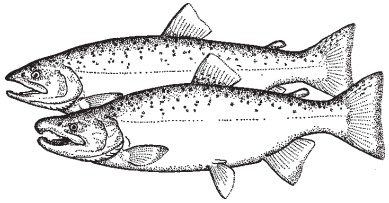
****Remainder of Yukon River drainage downstream from the Koyukuk River.***
*****Including Jim River, and Kanuti and Prospect drainages.***
†Other Koyukuk River to Fort Yukon sites.



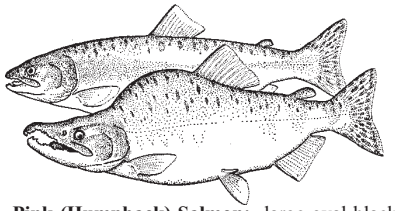
General Characteristics of Fish: cut away of operculum (gill-cover) showing one gill arch, filaments, and gill rakers.



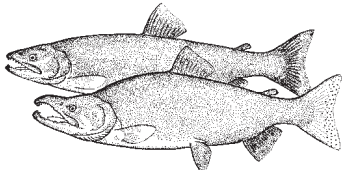
King (Chinook) Salmon: small black spots on back and on both lobes of caudal fin; gum line of lower jaw black; scales large; gill rakers less than 25; anal fin rays 15-17.



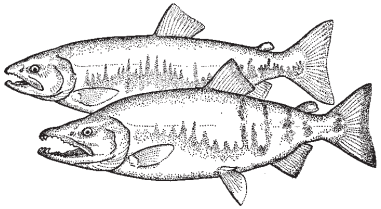
Silver (Coho) Salmon: small black spots usually occur only on upper lobe of caudal fin and on back; gum line on lower jaw not black; scales large; gill rakers less than 25; anal fin rays 13-15.



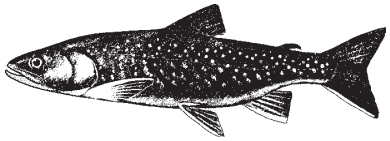
Pink (Humpback) Salmon: large oval black spots on back and on both lobes of caudal fin; scales very small; usually over 12 anal fin rays; males develop a pronounced hump during spawning.



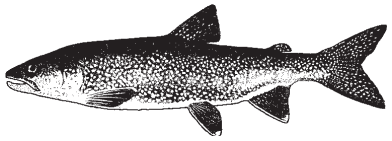
Sockeye (Red) Salmon and Kokanee (land-locked form): no distinct black spots on back or tail; 30-40 long, fine, and serrated, closely spaced gill rakers over 12 anal fin rays. NOTE: Kokanee should be recorded separately in the booklet.



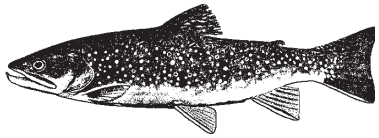
Chum (Dog) Salmon: no distinct black spots on back or tail; 18-28 smooth, short, stout, and widely spaced gill rakers; usually over 12 anal fin rays.



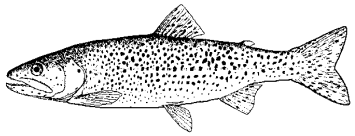
Dolly Varden/Arctic Char: round, red, pink or yellow spots on sides, caudal fin slightly forked; 8-12 anal fin rays; no dark green wavy marks on back or dorsal fin.



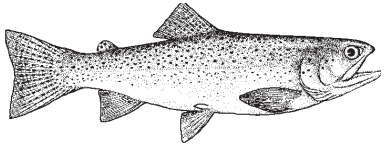
Lake Trout: body dark green to grayish with oval or irregular white to yellowish spots on sides and back; caudal fin deeply forked; 8-12 anal fin rays; no dark green wavy marks on back or dorsal fin.



Brook Trout: spots on body pale or red with blue halos, but never brown or black; dark green wavy marks on back and dorsal fin; 8-12 anal fin rays.

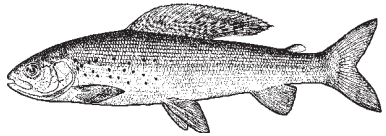


Cutthroat Trout: spots on body dark brown or black; anal fin rays 8-12; no red bank on sides; red to orange slash on underside of lower jaw; upper jaw extends well behind eye in adults.

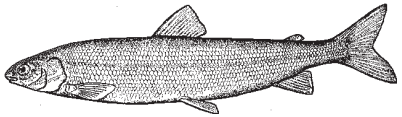


Rainbow Trout: spots on body dark brown or black; anal fin rays 8-12; reddish band on sides; no red slash under jaw; upper jaw usually does not extend behind eye in adults. NOTE: Steelhead are sea-run rainbows, and should be recorded separately in the booklet.

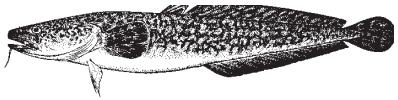
Northern Pike: dorsal and anal fins positioned rearward; no adipose fin as in the trouts, salmon, grayling and whitefish; long flattened jaws with large mouth and many large, sharp teeth, sides are yellowish-gray.



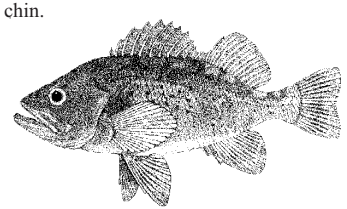
Arctic Grayling: dorsal fin typically with dark purple edge and much longer (18 or more rays) than in whitefish and fan-like; rows of reddish to orange and/or purple to green spots on dorsal fin; sides of fish are black spotted; scales larger than in trouts.



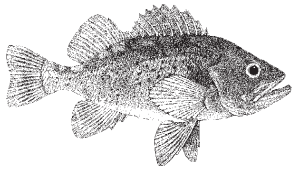
"Whitefish": several common species that occur in Alaska are the round whitefish, humpback whitefish, least cisco, and sheefish. Whitefish are distinguished from the trout and salmon by the small, weak, or absent teeth and the presence of large scales; distinguished from the arctic grayling by the much smaller dorsal fin (15 or fewer rays). A round whitefish is shown.



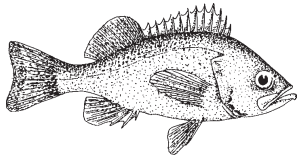
Burbot: two dorsal fins and one anal fin present; no adipose fin as in the trouts, salmon, grayling and whitefish; pelvic fins very far forward and just under head; body long and tapering; barbel on chin.



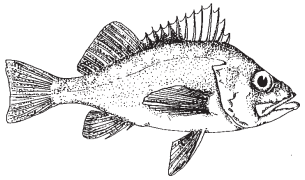
"Rockfish": several species of marine fish also referred to as black bass, sea bass, and red snapper. Rockfish may be distinguished from sculpins (Irish Lords) by the dorsal fin , which has spines on the front half and soft rays on the rear half in the rockfish. NOTE: Handle with care because of spines.



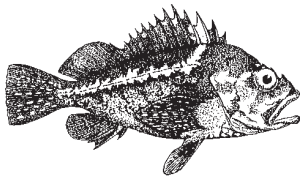
Black Rockfish: ("black bass")Black to blue-black with dusky white areas. Jaw extends to rear of eye. To 25 in.



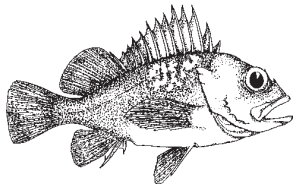
Dusky Rockfish: Color varies from dark brown or black to greenish-brown with pink underside. Dark fish have prominent knob on chin. To 20 in.



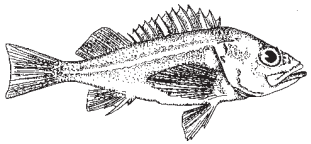
Canary Rockfish: Orange with greenish mottling. Lateral line is white to grey. To 30 in.



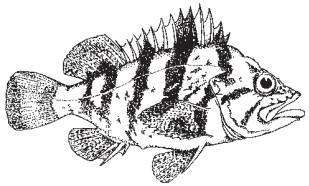
China Rockfish: Black with yellow spots. Yellow stripe from dorsal fin to rear of body. To 17 in.



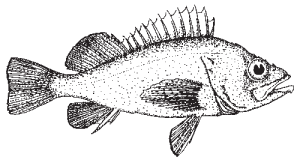
Quillback Rockfish: Black to brown with large orange areas. Dorsal fin notched deeply. To 24 in.



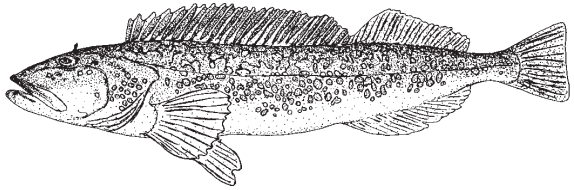
Redstripe Rockfish: Red lateral line in grey zone bordered by red. Lips dusky. To 20 in.



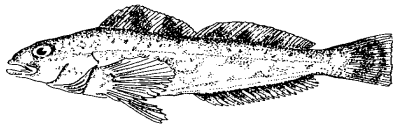
Tiger Rockfish: Black to dark red bars on pink red body. To 24 in.



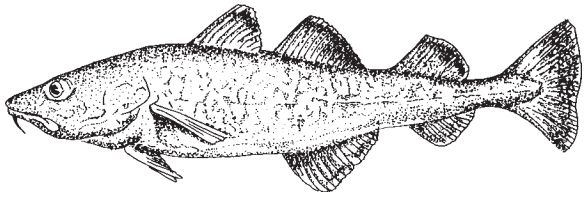
Yelloweye Rockfish: ("red snapper") Primarily orange. Pale yellow stripe on body. Yellow eye. To 36 in.



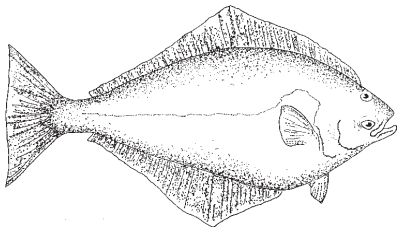
Lingcod: Brown to reddish-brown with spots or blotches. Sharp teeth. One lateral line. Long jaw. No barbel on chin. To 5 ft.



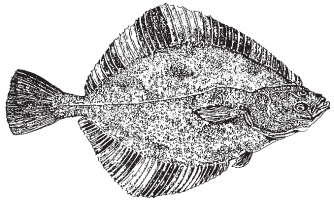
Kelp Greenling: Males brown with blue spots, females freckled with brown, 5 lateral lines. To 21 in.



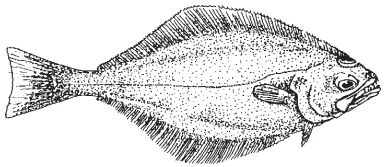
Pacific Cod: Chin barbel. Yellowish brown to gray with mottling. To 39 in.



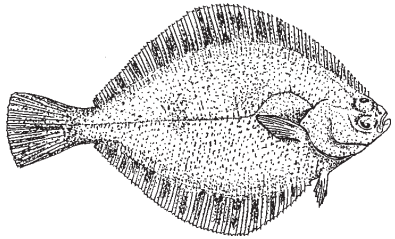
Halibut: Jaw extends below middle of eye. Lateral line arched over pectoral fin. To 8 ft.



Starry Flounder: Black and yellow bands on fins. To 36 in.



Arrowtooth Flounder: Large mouth and numerous sharp teeth. Little arching of lateral line. Upper eye reaches top of head. To 34 in.



Rock Sole: Lateral line arched over pectoral fin. Jaw does not extend below middle of eye. To 24 in.

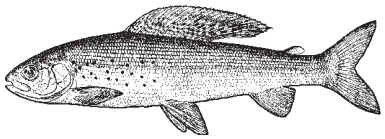
Dear Sport Angler:

The year 2004 marks the 28th year in which the annual Statewide Harvest Survey has been successfully 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 assists us in improving our ability to accurately provide statewide estimates of participation, catch, and harvest to our fishery managers. Managers within the Department of Fish and Game use this information to protect and improve the state's recreational fisheries resource.

The results of this survey will be available in the fall of 2005 and are available to the public. Feel free to call us at (907) 267-2369 or email us at SFPUB@fishgame.state.ak.us if we can assist you.

Our web address is: http://www.sf.adfg.state.ak.us/statewide/sf_home.cfm

Thank-you again,

Kelly Hepler
Director, Division of Sport Fish