

**Fishery Data Series No. 97-29 (Revised)**

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**Revised Edition:**

**Harvest, Catch, and Participation in Alaska Sport Fisheries During 1996**

by

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Alaska Department of Fish and Game

Division of Sport Fish



## Symbols and Abbreviations

The following symbols and abbreviations, and others approved for the *Système International d'Unités* (SI), are used in Division of Sport Fish Fishery Manuscripts, Fishery Data Series Reports, Fishery Management Reports, and Special Publications without definition. All others must be defined in the text at first mention, as well as in the titles or footnotes of tables and in figures or figure captions.

### Weights and measures (metric)

centimeter	cm
deciliter	dL
gram	g
hectare	ha
kilogram	kg
kilometer	km
liter	L
meter	m
metric ton	mt
milliliter	ml
millimeter	mm

### Weights and measures (English)

cubic feet per second	ft <sup>3</sup> /s
foot	ft
gallon	gal
inch	in
mile	mi
ounce	oz
pound	lb
quart	qt
yard	yd
Spell out acre and ton.	

### Time and temperature

day	d
degrees Celsius	°C
degrees Fahrenheit	°F
hour (spell out for 24-hour clock)	h
minute	min
second	s
Spell out year, month, and week.	

### Physics and chemistry

all atomic symbols	
alternating current	AC
ampere	A
calorie	cal
direct current	DC
hertz	Hz
horsepower	hp
hydrogen ion activity	pH
parts per million	ppm
parts per thousand	ppt, ‰
volts	V
watts	W

### General

All commonly accepted abbreviations.	e.g., Mr., Mrs., a.m., p.m., etc.
All commonly accepted professional titles.	e.g., Dr., Ph.D., R.N., etc.
and	&
at	@
Compass directions:	
	east E
	north N
	south S
	west W

### Copyright

Corporate suffixes:

Company	Co.
Corporation	Corp.
Incorporated	Inc.
Limited	Ltd.
et alii (and other people)	et al.
et cetera (and so forth)	etc.
exempli gratia (for example)	e.g.,
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
number (before a number)	# (e.g., #10)
pounds (after a number)	# (e.g., 10#)

registered trademark	®
trademark	™
United States (adjective)	U.S.

United States of America (noun)	USA
U.S. state and District of Columbia abbreviations	use two-letter abbreviations (e.g., AK, DC)

### Mathematics, statistics, fisheries

alternate hypothesis	H <sub>A</sub>
base of natural logarithm	e
catch per unit effort	CPUE
coefficient of variation	CV
common test statistics	F, t, $\chi^2$ , etc.
confidence interval	C.I.
correlation coefficient	R (multiple)
correlation coefficient	r (simple)
covariance	cov
degree (angular or temperature)	°
degrees of freedom	df
divided by	÷ or / (in equations)
equals	=
expected value	E
fork length	FL
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 <sub>2</sub> , etc.
mid-eye-to-fork	MEF
minute (angular)	'
multiplied by	x
not significant	NS
null hypothesis	H <sub>0</sub>
percent	%
probability	P
probability of a type I error (rejection of the null hypothesis when true)	$\alpha$
probability of a type II error (acceptance of the null hypothesis when false)	$\beta$
second (angular)	"
standard deviation	SD
standard error	SE
standard length	SL
total length	TL
variance	Var

***FISHERY DATA SERIES NO. 97-29 (REVISED)***

**REVISED EDITION  
HARVEST, CATCH, AND PARTICIPATION IN ALASKA SPORT  
FISHERIES DURING 1996**

by  
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## PREFACE

Late in 1999 project staff determined that computer programs used to process data from this study and produce estimates for 1995 through 1997 contained errors. These errors altered some angler's reported catch and harvest. The errors did not affect all species or fishing locations in the same way; thus some estimates were too high, while others were too low. In addition, when generating estimates for angler-days fished and household trips the computer programs did not properly account for anglers who did not respond to the survey. This error resulted in estimated days-fished and household trips that were too high for 1995 through 1997.

The division's technical staff also determined during review of the effect of the above errors that the approach used to account for anglers who did not respond should also be adjusted to reflect the approach published in current scientific literature. This adjustment would affect some 1995-1997 estimates and some 1998 estimates.

The 1996 through 1998 estimates have been revised. We are unable to retrieve the raw 1995 data due to a faulty data tape and thus those estimates cannot be adjusted. Statewide and regional comparisons of original and revised estimates are included in the Discussion section of this report. The recomputed 1996 through 1998 estimates are also included in summary tables in this report. The more detailed recomputed estimates will be published in revised editions of Fishery Data Series Nos. 99-41, 98-25, and 97-29. Summaries of sport fish survey results, including revised 1996 through 1998 estimates, are available on the Internet at:

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

The division has a commitment to producing the best information possible for making management decisions about Alaska's recreational fisheries and we strive to improve our studies each year. We regret that these errors occurred, have taken steps to avoid such problems in the future, and have committed resources to correct estimates where possible.

In light of the above, anyone who has used 1996 through 1998 estimates from the Statewide Harvest Survey project may wish to review the changes that have resulted from these recalculations.

The purpose of this report is to provide the revised 1996 estimates. The data processing, and estimation procedures used to produce revised 1996 through 1998 estimates are described in Howe, et al (2001).

# TABLE OF CONTENTS

	<b>Page</b>
PREFACE.....	i
ABSTRACT .....	1
INTRODUCTION .....	1
METHODS .....	1
RESULTS.....	1
Participation .....	1
Harvest.....	2
Catch .....	2
DISCUSSION .....	2
ACKNOWLEDGMENTS.....	7
LITERATURE CITED .....	7
APPENDIX A. TABLES AND FIGURES .....	9

# LIST OF TABLES

<b>Table</b>		<b>Page</b>
1.	Original and revised 1996-1998 and 1999 Statewide estimates of participation and harvest.....	3
2.	Original and revised 1996-1998 and 1999 Southeast estimates of participation and harvest .....	4
3.	Original and revised 1996-1998 and 1999 Southcentral estimates of participation and harvest.....	5
4.	Original and revised 1996-1998 and 1999 Arctic-Yukon-Kuskokwim estimates of participation and harvest .....	6

## LIST OF APPENDICES

Appendix	Page
A1. Map of Alaska sport fishing regions and areas .....	10
A2. List of Alaska sport fishing regions and areas .....	11
A3. List of common names, scientific names, and abbreviations .....	12
A4. Response to the standard Alaska sport fish survey mailing, 1996 .....	13
A5. Response to the supplementary Alaska sport fish survey mailing, 1996.....	14
A6. Number and percent of Alaska sport fishing licenses by residency, 1961-1996.....	15
A7. Statewide and regional participation in Alaska sport fishing by residency, 1991-1996.....	16
A8. Anglers who sport fished in Alaska by area of residence, 1993-1996 .....	17
A9. Number of anglers who sport fished in Alaska by area of residence, 1984-1996 .....	18
A10. Number of anglers by Alaska region and area fished, 1986-1996 .....	19
A11. Number of Alaska sport fishing trips by region and area, 1986-1996 .....	20
A12. Angler-days fished in Alaska, statewide and by region, 1993-1996 .....	21
A13. Number of angler-days fished in Alaska and percentage by region and area, 1986-1996 .....	22
A14. Alaska sport fish harvest by species, 1986-1996, and catch by species, 1996.....	24
A15. Alaska saltwater sport fish harvest by species, 1986-1996, and catch by species, 1996.....	25
A16. Alaska freshwater sport fish harvest by species, 1986-1996, and catch by species, 1996 .....	26
A17. Southeast Alaska sport fish harvest by species, 1986-1996, and catch by species, 1996 .....	27
A18. Southcentral Alaska sport fish harvest by species, 1986-1996, and catch by species, 1996.....	28
A19. Arctic-Yukon-Kuskokwim Alaska sport fish harvest by species, 1986-1996, and catch by species, 1996 .....	29
A20. Alaska sport sea-run salmon harvests, statewide and by region, 1986-1996 .....	30
A21. Alaska sport sea-run salmon harvests, 1986-1996, and catch, 1996, by region and area.....	31
A22. Alaska sport sea-run chinook salmon harvests, statewide and by region, 1986-1996.....	32
A23. Alaska sport sea-run chinook salmon harvests, 1986-1996, and catch, 1996, by region and area .....	33
A24. Alaska sport sea-run coho salmon harvests, statewide and by region, 1986-1996.....	34
A25. Alaska sport sea-run coho salmon harvests, 1986-1996, and catch, 1996, by region and area .....	35
A26. Alaska sport sockeye salmon harvests, statewide and by region, 1986-1996 .....	36
A27. Alaska sport sockeye salmon harvests, 1986-1996, and catch, 1996, by region and area .....	37
A28. Alaska sport pink salmon harvests, statewide and by region, 1986-1996 .....	38
A29. Alaska sport pink salmon harvests, 1986-1996, and catch, 1996, by region and area .....	39
A30. Alaska sport chum salmon harvests, statewide and by region, 1986-1996 .....	40
A31. Alaska sport chum salmon harvests, 1986-1996, and catch, 1996, by region and area .....	41
A32. Alaska sport landlocked coho salmon and chinook salmon harvests, 1986-1996, and catch, 1996, by region and area .....	42
A33. Alaska sport kokanee salmon harvests, 1986-1996, and catch, 1996, by region and area .....	43
A34. Alaska sport steelhead harvests, 1986-1996, and catch, 1996, by region and area .....	44
A35. Alaska sport rainbow trout harvests, 1986-1996, and catch, 1996, by region and area .....	45
A36. Alaska sport cutthroat trout harvests, 1986-1996, and catch, 1996, by region and area .....	46
A37. Alaska sport brook trout harvests, 1986-1996, and catch, 1996, by region and area.....	47
A38. Alaska sport lake trout harvests, 1986-1996, and catch, 1996, by region and area .....	48
A39. Alaska sport Dolly Varden and Arctic char harvests, 1986-1996, and catch, 1996, by region and area .....	49
A40. Alaska sport Arctic grayling harvests, 1986-1996, and catch, 1996, by region and area.....	50
A41. Alaska sport northern pike harvests, 1986-1996, and catch, 1996, by region and area .....	51
A42. Alaska sport whitefish harvests, 1986-1996, and catch, 1996, by region and area .....	52
A43. Alaska sport burbot harvests, 1986-1996, and catch, 1996, by region and area .....	53
A44. Alaska sport sheefish harvests, 1986-1996, and catch, 1996, by region and area.....	54
A45. Alaska sport smelt harvests, 1986-1996, and catch, 1996, by region and area .....	55
A46. Alaska sport Pacific halibut harvests, 1986-1996, and catch, 1996, by region and area.....	56
A47. Alaska sport rockfish harvests, 1986-1996, and catch, 1996, by region and area.....	57
A48. Alaska sport lingcod harvests, 1991-1996, and catch, 1996, by region and area.....	58
A49. Alaska sport razor clam harvests, 1986-1996, and catch, 1996, by region and area.....	59

## LIST OF APPENDICES (Continued)

Appendix	Page
A50. Alaska sport harvests, 1986-1996, and catch, 1996, of other fish by region and area. ....	60
A51. Ketchikan Area sport fish harvest and effort by fisheries and species, 1996. ....	62
A52. Ketchikan Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	63
A53. Prince of Wales Island Area sport fish harvest and effort by fisheries and species, 1996. ....	64
A54. Prince of Wales Island Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	65
A55. Kake, Petersburg, Wrangell, Stikine Area sport fish harvest and effort by fisheries and species, 1996. ....	66
A56. Kake, Petersburg, Wrangell, Stikine Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	67
A57. Sitka Area sport fish harvest and effort by fisheries and species, 1996. ....	68
A58. Sitka Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	69
A59. Juneau Area sport fish harvest and effort by fisheries and species, 1996. ....	70
A60. Juneau Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	71
A61. Haines-Skagway Area sport fish harvest and effort by fisheries and species, 1996. ....	72
A62. Haines-Skagway Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	73
A63. Glacier Bay Area sport fish harvest and effort by fisheries and species, 1996. ....	74
A64. Glacier Bay Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	75
A65. Yakutat Area sport fish harvest and effort by fisheries and species, 1996. ....	76
A66. Yakutat Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	77
A67. Upper Copper/Upper Susitna Drainages sport fish harvest and effort by fisheries and species, 1996. ....	78
A68. Upper Copper/Upper Susitna Drainages standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	79
A69. Prince William Sound Area sport fish harvest and effort by fisheries and species, 1996. ....	80
A70. Prince William Sound Area standard errors of sport fish harvest by fisheries and species, 1996. ....	81
A71. Knik Arm Drainage Area sport fish harvest and effort by fisheries and species, 1996. ....	82
A72. Knik Arm Drainage Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	83
A73. Anchorage Area sport fish harvest and effort by fisheries and species, 1996. ....	84
A74. Anchorage Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	85
A75. East Susitna River Drainage sport fish harvest and effort by fisheries and species, 1996. ....	86
A76. East Susitna River Drainage standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	87
A77. West Cook Inlet-West Susitna River Drainages sport fish harvest and effort by fisheries and species, 1996. ....	88
A78. West Cook Inlet-West Susitna River Drainages standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	89
A79. Kenai River sport fish freshwater nonguided harvest and effort by fisheries and species, 1996. ....	90
A80. Kenai River standard errors of sport fish freshwater nonguided harvest and effort by fisheries and species, 1996. ....	91
A81. Kenai River sport fish freshwater guided harvest and effort by fisheries and species, 1996. ....	92
A82. Kenai River standard errors of sport fish freshwater guided harvest and effort by fisheries and species, 1996. ....	93
A83. Kenai Peninsula Area sport fish freshwater harvest and effort by fisheries and species, 1996. ....	94
A84. Kenai Peninsula Area standard errors of sport fish freshwater harvest and effort by fisheries and species, 1996. ....	95
A85. Kenai Peninsula Area sport fish saltwater harvest and effort by fisheries for finfish species, 1996. ....	96
A86. Kenai Peninsula Area standard errors of sport fish saltwater harvest and effort by fisheries for finfish species, 1996. ....	97
A87. Kodiak Area sport fish harvest and effort by fisheries and species, 1996. ....	98
A88. Kodiak Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	99
A89. Naknek River Drainage-Alaska Peninsula Area sport fish harvest and effort by fisheries and species, 1996. ....	100



## LIST OF APPENDICES (Continued)

Appendix	Page
A90. Naknek River Drainage-Alaska Peninsula Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	101
A91. Kvichak River Drainage Area sport fish harvest and effort by fisheries and species, 1996.....	102
A92. Kvichak River Drainage Area standard errors of sport fish harvest and effort by fisheries and species, 1996.....	103
A93. Nushagak Area sport fish harvest and effort by fisheries and species, 1996. ....	104
A94. Nushagak Area standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	105
A95. Tanana River Drainages sport fish harvest and effort by fisheries and species, 1996. ....	106
A96. Tanana River Drainages standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	107
A97. Kuskokwim-Goodnews Drainages sport fish harvest and effort by fisheries and species, 1996.....	108
A98. Kuskokwim-Goodnews Drainages standard errors of sport fish harvest by fisheries and species, 1996. ....	109
A99. Seward Peninsula-Norton Sound Drainages sport fish harvest and effort by fisheries and species, 1996. ...	110
A100. Seward Peninsula-Norton Sound Drainages standard errors of sport fish harvest and effort by fisheries and species, 1996.....	111
A101. Northwest Alaska Drainages sport fish harvest and effort by fisheries and species, 1996.....	112
A102. Northwest Alaska Drainages standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	113
A103. Yukon River Drainages sport fish harvest and effort by fisheries and species, 1996. ....	114
A104. Yukon River Drainages standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	115
A105. North Slope Brooks Range Drainages sport fish harvest and effort by fisheries and species, 1996. ....	116
A106. North Slope Brooks Range Drainages standard errors of sport fish harvest and effort by fisheries and species, 1996. ....	117
A107. Comparison of 1996 Alaska statewide survey and onsite survey estimates and confidence intervals (CI)..	118
A108. Number of households responding to the 1996 standard and supplementary sport fish surveys by fishery. ....	120



## 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 1996. In 1996, an estimated 439,651 anglers fished 2,006,528 days and kept 2,988,024 of the 6,885,341 fish caught.

**Key words:** Alaska, recreation, 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.

## 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 onsite creel surveys would be prohibitively expensive, thus a supplementary program has been developed. Described herein are results from the twentieth 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 sportfishing regulatory and management areas are delineated in Appendix A1 and Appendix A2. Species covered are listed in Appendix A3.

## METHODS

The data collection methods were, of course, unchanged from those detailed in the original report for these estimates and are essentially the same as those described for the 1999 estimates (Howe, et al 2001). Howe, et al (2001) includes a description of the methods used to process data and produce revised estimates for 1996, 1997, and 1998.

## RESULTS

A full text Adobe PDF file of this report, as well as summaries of other estimates produced by this long-term study, is available via the division's Internet site under the Publications section:

**[http://www.state.ak.us/local/akpages/  
FISH.GAME/sportf/sf\\_home.htm](http://www.state.ak.us/local/akpages/FISH.GAME/sportf/sf_home.htm)**

The following Internet site also contains on-line summaries of sportfishing participation, catch, and harvest:

**[http://www.sf.adfg.state.ak.us/statewide/  
participationandharvest/html/index.cfm](http://www.sf.adfg.state.ak.us/statewide/participationandharvest/html/index.cfm)**

## PARTICIPATION

In 1996 an estimated 439,651 anglers fished 2,006,528 days (Appendix A7). About 48% of the anglers were Alaska residents who accounted for 66% of the total days fished. Nonresident participation in terms of anglers was highest in Southeast (71.3%) and lowest in the Arctic-Yukon-Kuskokwim (AYK) region (26.9%). In

Southcentral 52.7% of all anglers were Alaska residents.

While Alaska resident days fished exceeded those of nonresidents in all regions of the state, the margin was slight in Southeast with resident anglers accounting for 52.1% of the regional total days fished. Resident anglers in Southcentral and AYK accounted for about 67.3% and 83.6% of total regional days fished, respectively (Appendix A7).

Between 1993 and 1996 total anglers increased slightly (Appendix A8). The increase in nonresident anglers was offset by the decline in resident angler between the years 1995 and 1996 (Appendix A8). Angler-days fished decreased dramatically between 1995 and 1996 (Appendix A12) with most of the decrease occurring in Southcentral between the years 1995 and 1996. This decline in Southcentral days fished participation is likely associated with the drop in resident anglers in that region between 1995 and 1996 (Appendix A7).

## **HARVEST**

The 2,988,024 fish harvested in 1996 (Appendix A14), included 843,983 razor clams *Siliqua patula* and 60,867 smelt and capelin Osmeridae. Of the remaining 2,083,174 harvested fish, 1,244,308 (60%) were anadromous (sea-run) salmon *Oncorhynchus*.

The 1996 total anadromous salmon harvest of 1,244,308 included 163,569 chinook salmon, 555,196 coho salmon, 319,174 sockeye salmon, 167,804 pink salmon *Oncorhynchus gorbuscha*, and 38,565 chum salmon *Oncorhynchus keta* (Appendix A14). The marine sea-run salmon harvest totaled 569,576 (Appendix A15), while the freshwater harvest totaled 674,732 fish (Appendix A16).

Regionally, 372,231 anadromous salmon were harvested in Southeast Alaska (Appendix A17), 839,888 in Southcentral (Appendix A18), and

32,189 in the Arctic-Yukon-Kuskokwim area (Appendix A19).

Other harvest estimates for 1996 are tabulated by region, area, fishery, and species in Appendix A.

## **CATCH**

The catch of 6,885,341 fish in 1996 (Appendix A14) included 843,983 razor clams and 63,502 smelt. Of the remaining 5,977,856 fish caught, 2,850,184 (48%) were anadromous (sea-run) salmon *Oncorhynchus*. Anglers caught 809,888 rainbow trout *Oncorhynchus mykiss*, 489,841 Arctic grayling, 482,122 Dolly Varden *Salvelinus malma* and Arctic char *Salvelinus alpinus*, and 658,688 Pacific halibut *Hippoglossus stenolepis* (Appendix A14).

Other catch estimates for 1996 are tabulated by region, area, fishery, and species in Appendix A.

## **DISCUSSION**

Statewide and regional comparisons of original and revised 1996-1998 and 1999 harvest estimates are presented by species in Tables 1-4. In some instances large percentage changes from the original are of minor significance because the original and revised estimates were imprecise or the absolute values of the estimates are small. For example, the 450% change from the original to revised estimate for 1996 steelhead harvest is tempered by the relatively small absolute value of that change of 337 fish (Table 1).

One of the more significant changes relates to revised estimates of angler-days fished. Prior to revision, it appeared the decline between 1996 and 1998 was around 579,000 days fished or 21% of the 1996 estimate. Revised estimates indicate an absolute change of about 149,000 days fished or about 7% of the revised 1996 estimate.

**Table 1.-Original and revised 1996-1998 and 1999 Statewide estimates of participation and harvest.**

	1999	1998		Percent change from original	1997		Percent change from original	1996		Percent change from original
		Revised	Original		Revised	Original		Revised	Original	
<b>Participation</b>										
Anglers	425,979	428,991	347,644	23.4	438,117	477,880	-8.3	439,651	478,408	-8.1
Trips	1,458,632	1,219,819	1,346,735	-9.4	1,402,962	1,792,539	-21.7	1,395,189	1,731,414	-19.4
Days Fished	2,499,152	1,856,976	2,153,992	-13.8	2,079,514	2,654,454	-21.7	2,006,528	2,733,008	-26.6
<b>Salmon Species</b>										
Chinook	184,296	144,098	155,827	-7.5	185,175	185,463	-0.2	163,569	121,307	34.8
Sea-run Coho	632,829	501,935	600,862	-16.5	444,525	462,931	-4.0	555,196	503,413	10.3
Landlocked Coho/Chinook	29,105	34,767	35,731	-2.7	31,678	34,019	-6.9	54,442	40,628	34.0
Sockeye	377,483	339,385	385,720	-12.0	318,839	342,841	-7.0	319,174	405,533	-21.3
Kokanee	51	638	1,214	-47.4	202	328	-38.4	76	569	-86.6
Pink	177,295	145,589	174,906	-16.8	111,671	105,745	5.6	167,804	160,623	4.5
Chum	24,944	33,725	35,387	-4.7	31,348	24,157	29.8	38,565	32,091	20.2
<b>Other Species</b>										
Steelhead	675	390	893	-56.3	334	398	-16.1	412	75	449.3
Rainbow Trout	132,481	102,403	103,744	-1.3	127,661	100,372	27.2	133,229	136,482	-2.4
Cutthroat Trout	5,053	5,569	6,791	-18.0	4,569	5,716	-20.1	5,653	5,043	12.1
Brook Trout	112	10	24	-58.3	167	0		223	48	364.6
Lake Trout	9,948	5,985	6,522	-8.2	7,486	6,079	23.1	9,086	5,852	55.3
Dolly Varden/Arctic Char	70,962	70,864	70,864	0.0	81,576	63,781	27.9	89,089	63,991	39.2
Arctic Grayling	37,252	38,445	39,146	-1.8	45,844	37,269	23.0	46,943	37,238	26.1
Northern Pike	19,766	15,617	24,512	-36.3	16,603	18,327	-9.4	23,043	16,404	40.5
Whitefish	1,824	4,352	4,352	0.0	4,223	2,377	77.7	2,047	1,080	89.5
Burbot	6,903	6,882	6,965	-1.2	12,189	6,452	88.9	5,841	3,796	53.9
Sheefish	1,157	815	1,825	-55.3	1,761	1,979	-11.0	1,502	748	100.8
Smelt	108,145	80,329	82,992	-3.2	77,491	47,739	62.3	60,867	42,142	44.4
Halibut	332,657	350,464	383,748	-8.7	380,256	365,085	4.2	350,220	333,981	4.9
Shark	516	609	860	-29.2	1,391	1,195	16.4	127	0	
Rockfish	120,228	87,458	108,955	-19.7	88,220	100,604	-12.3	79,050	83,434	-5.3
Lingcod	30,565	25,312	31,162	-18.8	28,305	28,532	-0.8	24,362	18,912	28.8
Pacific Cod	3,471	5,252	6,758	-22.3	8,469	7,841	8.0	1,911	0	
Razor Clams	773,758	660,219	868,406	-24.0	850,003	1,333,510	-36.3	843,983	1,308,770	-35.5
Other Fish	12,132	17,008	25,028	-32.0	13,034	19,374	-32.7	11,610	14,613	-20.6

**Table 2.-Original and revised 1996-1998 and 1999 Southeast estimates of participation and harvest.**

	1999	1998		Percent change from original	1997		Percent change from original	1996		Percent change from original
		Revised	Original		Revised	Original		Revised	Original	
<b>Participation</b>										
Anglers	115,763	106,625	87,555	21.8	110,395	120,706	-8.5	105,847	114,322	-7.4
Trips	323,462	250,283	268,190	-6.7	302,164	375,750	-19.6	266,570	333,512	-20.1
Days Fished	534,664	370,653	415,665	-10.8	439,675	539,500	-18.5	370,419	509,550	-27.3
<b>Salmon Species</b>										
Chinook	72,081	55,013	57,817	-4.8	71,524	69,672	2.7	57,509	41,717	37.9
Sea-run Coho	313,076	171,395	213,435	-19.7	163,202	167,641	-2.6	193,758	161,615	19.9
Landlocked Coho/Chinook	2,111	249	249	0.0	195	102	91.2	36	11	227.3
Sockeye	26,476	25,450	29,243	-13.0	21,273	17,462	21.8	15,709	14,246	10.3
Kokanee	51	223	479	-53.4	29	20	45.0	76	44	72.7
Pink	107,142	50,706	57,952	-12.5	62,549	57,237	9.3	85,059	79,469	7.0
Chum	12,393	21,256	22,021	-3.5	19,059	14,472	31.7	20,196	17,238	17.2
<b>Other Species</b>										
Steelhead	319	119	261	-54.4	243	365	-33.4	159	54	194.4
Rainbow Trout	2,196	2,542	2,650	-4.1	2,126	1,371	55.1	1,911	923	107.0
Cutthroat Trout	4,604	4,852	6,054	-19.9	3,927	5,009	-21.6	4,946	4,486	10.3
Brook Trout	112	10	24	-58.3	167	0		223	48	364.6
Lake Trout	0	0	0		0	0		0	0	
Dolly Varden/Arctic Char	16,441	21,751	21,751	0.0	21,722	15,499	40.2	22,447	14,194	58.1
Arctic Grayling	228	58	59	-1.7	0	0		303	224	35.3
Northern Pike	0	0	0		0	0		0	0	
Whitefish	0	0	0		4	0		0	0	
Burbot	0	0	0		0	0		0	0	
Sheefish	0	0	0		0	0		0	0	
Smelt	4,479	3,868	5,139	-24.7	4,478	1,721	160.2	1,284	394	225.9
Halibut	100,681	102,110	110,214	-7.4	109,312	87,129	25.5	98,133	76,639	28.0
Rockfish	71,489	44,142	59,228	-25.5	40,088	46,145	-13.1	32,886	36,504	-9.9
Lingcod	22,252	18,041	21,552	-16.3	18,032	18,776	-4.0	16,409	13,121	25.1
Razor Clams	0	126	243	-48.1	141	0		228	328	-30.5
Other Fish	3,940	6,108	8,216	-25.7	5,760	7,191	-19.9	3,580	4,376	-18.2

**Table 3.-Original and revised 1996-1998 and 1999 Southcentral estimates of participation and harvest.**

	1999	1998		Percent change from original	1997		Percent change from original	1996		Percent change from original
		Revised	Original		Revised	Original		Revised	Original	
<b>Participation</b>										
Anglers	286,098	298,513	241,190	23.8	306,619	333,748	-8.1	317,917	345,887	-8.1
Trips	976,835	826,948	916,643	-9.8	947,649	1,213,713	-21.9	982,825	1,217,711	-19.3
Days Fished	1,659,966	1,258,482	1,465,738	-14.1	1,400,983	1,803,564	-22.3	1,434,943	1,948,892	-26.4
<b>Salmon Species</b>										
Chinook	102,360	76,195	83,724	-9.0	98,680	101,102	-2.4	98,983	73,726	34.3
Sea-run Coho	309,564	321,029	375,742	-14.6	269,996	283,311	-4.7	347,567	328,178	5.9
Landlocked Coho/Chinook	18,125	22,427	22,929	-2.2	24,328	26,324	-7.6	40,766	28,799	41.6
Sockeye	338,741	301,044	341,906	-12.0	284,062	311,962	-8.9	302,678	390,513	-22.5
Kokanee	0	415	735	-43.5	173	308	-43.8	0	525	-100.0
Pink	67,102	87,711	107,664	-18.5	47,589	47,837	-0.5	76,247	75,396	1.1
Chum	10,873	10,593	11,335	-6.5	10,693	8,352	28.0	14,413	11,618	24.1
<b>Other Species</b>										
Steelhead	348	271	632	-57.1	91	21	333.3	253	21	1104.8
Rainbow Trout	77,707	55,864	56,728	-1.5	87,554	67,261	30.2	81,814	84,573	-3.3
Cutthroat Trout	449	717	737	-2.7	642	707	-9.2	707	557	26.9
Brook Trout	0	0	0		0	0		0	0	
Lake Trout	5,817	3,328	3,627	-8.2	4,197	3,074	36.5	7,880	5,008	57.3
Dolly Varden/Arctic Char	36,606	37,608	37,608	0.0	46,468	38,522	20.6	54,229	39,625	36.9
Arctic Grayling	8,749	7,776	7,878	-1.3	11,876	10,538	12.7	21,649	17,410	24.3
Northern Pike	13,327	9,595	14,466	-33.7	10,489	9,452	11.0	10,503	7,260	44.7
Whitefish	277	1,474	1,474	0.0	1,380	652	111.7	1,215	838	45.0
Burbot	1,373	1,578	1,600	-1.4	3,575	1,377	159.6	2,030	1,667	21.8
Sheefish	0	0	0		0	0		0	0	
Smelt	100,620	73,128	74,520	-1.9	70,185	45,891	52.9	57,010	40,435	41.0
Halibut	231,708	247,316	272,343	-9.2	270,775	277,782	-2.5	251,746	257,287	-2.2
Shark	516	609	860	-29.2	1,391	1,195	16.4	127	0	
Rockfish	48,739	43,316	49,727	-12.9	48,132	54,459	-11.6	46,164	46,930	-1.6
Lingcod	8,313	7,271	9,610	-24.3	10,273	9,756	5.3	7,953	5,791	37.3
Pacific Cod	3,471	5,252	6,758	-22.3	8,469	7,841	8.0	1,911	0	
Razor Clams	773,758	660,093	868,163	-24.0	849,862	1,333,510	-36.3	843,755	1,308,442	-35.5
Other Fish	5,319	9,720	14,770	-34.2	6,809	10,595	-35.7	7,239	9,064	-20.1

**Table 4.-Original and revised 1996-1998 and 1999 Arctic-Yukon-Kuskokwim estimates of participation and harvest.**

	1999	1998		Percent change from original	1997		Percent change from original	1996		Percent change from original
		Revised	Original		Revised	Original		Revised	Original	
<b>Participation</b>										
Anglers	59,406	62,989	50,566	24.6	61,595	66,857	-7.9	46,689	51,463	-9.3
Trips	158,335	142,588	161,902	-11.9	153,149	203,076	-24.6	145,794	180,191	-19.1
Days Fished	304,522	227,841	272,589	-16.4	238,856	311,390	-23.3	201,166	274,566	-26.7
<b>Salmon Species</b>										
Chinook	9,855	12,890	14,286	-9.8	14,971	14,689	1.9	7,077	5,864	20.7
Sea-run Coho	10,189	9,511	11,685	-18.6	11,327	11,979	-5.4	13,871	13,620	1.8
Landlocked Coho/Chinook	8,869	12,091	12,553	-3.7	7,155	7,593	-5.8	13,640	11,818	15.4
Sockeye	12,266	12,891	14,571	-11.5	13,504	13,417	0.6	787	774	1.7
Kokanee	0	0	0		0	0		0	0	
Pink	3,051	7,172	9,290	-22.8	1,533	671	128.5	6,498	5,758	12.9
Chum	1,678	1,876	2,031	-7.6	1,596	1,333	19.7	3,956	3,235	22.3
<b>Other Species</b>										
Steelhead	8	0	0		0	12	-100.0	0	0	
Rainbow Trout	52,578	43,997	44,366	-0.8	37,981	31,740	19.7	49,504	50,986	-2.9
Cutthroat Trout	0	0	0		0	0		0	0	
Brook Trout	0	0	0		0	0		0	0	
Lake Trout	4,131	2,657	2,895	-8.2	3,289	3,005	9.5	1,206	844	42.9
Dolly Varden/Arctic Char	17,915	11,505	11,505	0.0	13,386	9,760	37.2	12,413	10,172	22.0
Arctic Grayling	28,275	30,611	31,209	-1.9	33,968	26,731	27.1	24,991	19,604	27.5
Northern Pike	6,439	6,022	10,046	-40.1	6,114	8,875	-31.1	12,540	9,144	37.1
Whitefish	1,547	2,878	2,878	0.0	2,839	1,725	64.6	832	242	243.8
Burbot	5,530	5,304	5,365	-1.1	8,614	5,075	69.7	3,811	2,129	79.0
Sheefish	1,157	815	1,825	-55.3	1,761	1,979	-11.0	1,502	748	100.8
Smelt	3,046	3,333	3,333	0.0	2,828	127	2126.8	2,573	1,313	96.0
Halibut	268	1,038	1,191	-12.8	169	174	-2.9	341	55	520.0
Rockfish	0	0	0		0	0		0	0	
Lingcod	0	0	0		0	0		0	0	
Razor Clams	0	0	0		0	0		0	0	
Other Fish	2,873	1,180	2,042	-42.2	465	1,588	-70.7	791	1,173	-32.6



There is some concern that the 1998 estimates of days fished may be biased low. The 1999 estimate of days fished is about 642,000 (35%) higher than the revised 1998 estimate, despite only a slight decline in angler estimates and only a minor increase in sport license sales of about 13,500 (Appendix A6). The Sport License file, from which the sample of sportfishing households is selected, was very incomplete when the 1998 sample was selected. Few August sales and a large proportion of July sales were not present on the file at the time of sampling. To help alleviate the impact of this problem on estimates, post-stratification scheme based on date of license sale was used when 1998 estimates were revised. A similar problem existed with the license file for the 1999 study, but a split-sample approach was used to deal with the problem up-front (see Methods). The 1999 split-sample approach was again used in 2000, because the section in charge of capturing license data had not substantially improved file completeness when needed for our study. Thus 2000 estimates may provide additional insight into the questions concerning 1998 estimates of angler-days fished.

Another significant revision in the estimates pertains to Pacific halibut in 1996 and 1997. While the change in statewide estimates was not dramatic (4-5%), correcting errors in processing data for Southeast fishing locations increased 1996-1997 regional estimates 28 and 26%, respectively. While the absolute differences are not appreciably large (around 22,000 fish annually) considering the magnitude of total halibut removal by all user groups, the allocation of Pacific halibut harvest to the sport charter sector has been a “hot” issue in recent years and thus any change could affect future allocations and thus have economic impacts.

The harvest estimates from the 1997 mail survey compared favorably with estimates from onsite creel surveys (Appendix A107). With the exception of chinook salmon estimates, the onsite and mail survey estimates for the Ketchikan marine boat, Sitka marine boat, and Juneau marine boat compared favorably. The chinook salmon estimates for the mail survey were generally greater than the onsite survey, which could indicate some missing coverage for the onsite survey in location and time.

The individual post-stratified estimates of chinook salmon harvest for the Kenai River as reported in the comparison table (Appendix A107), were in 3 out of 4 instances not significantly different. While some differences were not significant, they were still relatively large. The total onsite estimate (10,150) was quite similar to the total mail survey estimate (11,155). Based on this information, we suppose that households responding to the mail survey may have had difficulty recalling exactly when their fishing trips occurred in the Kenai River or the precise breakdown of guided vs. nonguided trips.

## **ACKNOWLEDGMENTS**

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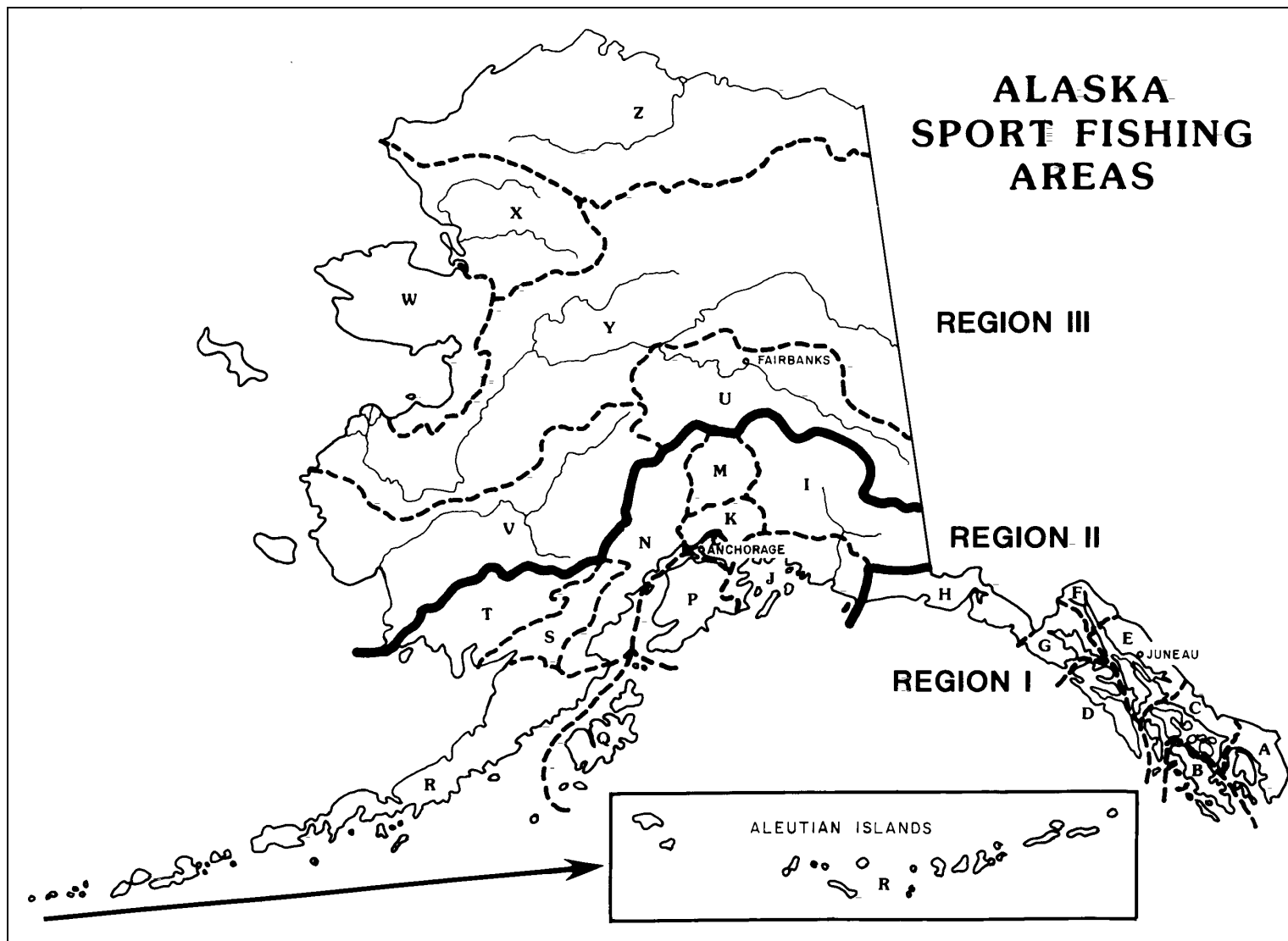
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## **APPENDIX A. TABLES AND FIGURES**



Appendix A1.-Map of Alaska sport fishing regions and areas.

## **Appendix A2.-List of Alaska sport fishing regions and areas.**

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### **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 Prince William Sound
- K Knik Arm Drainage
- L Anchorage
- M East Susitna River Drainage
- N West Cook Inlet-West Susitna River Drainages
- P Kenai Peninsula
- Q Kodiak
- R Naknek River Drainage-Alaska Peninsula
- S Kvichak River Drainage
- T Nushagak

#### **Arctic-Yukon-Kuskokwim**

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

**Appendix A4.-Response to the standard Alaska sport fish survey mailing, 1996.**

	Mailing 1	Mailing 2	Mailing 3	Total
<b>Mailing<sup>a</sup></b>				
Number Mailed	22,266	15,820	12,877	50,963
Number Returned Nondeliverable <sup>b</sup>				1,193
Number not Returned <sup>b</sup>	15,820	12,877	11,177	39,874
<b>Responses</b>				
Number <sup>b</sup>	5,601	2,725	1,570	9,896
Percent of 1st Mailing not Returned as Nondeliverable				47.0%

<sup>a</sup> Resident surveys were mailed 10/28/96, 12/05/96, and 1/15/97. Nonresident surveys were mailed: 12/19/96, 1/30/97, and 3/10/97.

<sup>b</sup> Does not include returns after May 12, 1997. 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, 1996.**

	Mailing 1	Mailing 2	Mailing 3	Total
<b>Mailing<sup>a</sup></b>				
Number Mailed	24,999	18,382	15,274	58,655
Number Returned Nondeliverable <sup>b</sup>				1,301
Number not Returned <sup>b</sup>	18,382	15,274	13,360	47,016
<b>Responses</b>				
Number <sup>b</sup>	5,675	2,888	1,775	10,338
Percent of 1st Mailing not Returned as Nondeliverable				43.6%

<sup>a</sup> Resident surveys were mailed 10/21/96, 11/18/96, and 1/8/97. Nonresident surveys were mailed: 12/12/96, 1/22/97, and 3/4/97.

<sup>b</sup> Does not include returns after May 12, 1997. 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 sport fishing licenses by residency, 1961-1996.**

Year	Resident		Nonresident		Total
	Number	Percent	Number	Percent	
1961	41,120	74.0	14,444	26.0	55,564
1962	42,015	74.0	14,783	26.0	56,798
1963	46,160	73.1	16,977	26.9	63,137
1964	45,355	74.5	15,527	25.5	60,882
1965	48,421	71.3	19,483	28.7	67,904
1966	50,287	70.3	21,256	29.7	71,543
1967	50,357	65.4	26,594	34.6	76,951
1968	58,344	64.4	32,221	35.6	90,565
1969	62,546	63.0	36,777	37.0	99,323
1970	71,711	63.2	41,683	36.8	113,394
1971	75,952	65.8	39,543	34.2	115,495
1972	82,088	66.0	42,347	34.0	124,435
1973	89,823	70.2	38,179	29.8	128,002
1974	95,485	70.8	39,415	29.2	134,900
1975	101,900	69.0	45,821	31.0	147,721
1976	118,679	70.7	49,194	29.3	167,873
1977	121,913	68.6	55,821	31.4	177,734
1978	129,750	66.5	65,481	33.5	195,231
1979	130,458	64.4	72,090	35.6	202,548
1980	132,103	63.9	74,699	36.1	206,802
1981	138,784	61.4	87,407	38.6	226,191
1982	156,324	59.8	105,014	40.2	261,338
1983	169,761	62.4	102,481	37.6	272,242
1984	177,949	60.7	115,127	39.3	293,076
1985	176,725	58.2	127,077	41.8	303,802
1986	180,936	57.6	133,051	42.4	313,987
1987	181,721	56.3	140,773	43.7	322,494
1988	177,383	54.0	151,308	46.0	328,691
1989	174,942	51.8	163,098	48.2	338,040
1990	180,214	49.6	182,779	50.4	362,993
1991	184,813	50.5	181,182	49.5	365,995
1992	182,245	46.6	208,516	53.4	390,761
1993	181,843	46.9	205,720	53.1	387,563
1994	183,186	44.6	227,088	55.4	410,274
1995	176,428	42.6	238,021	57.4	414,449
1996	180,747	42.6	243,731	57.4	424,478

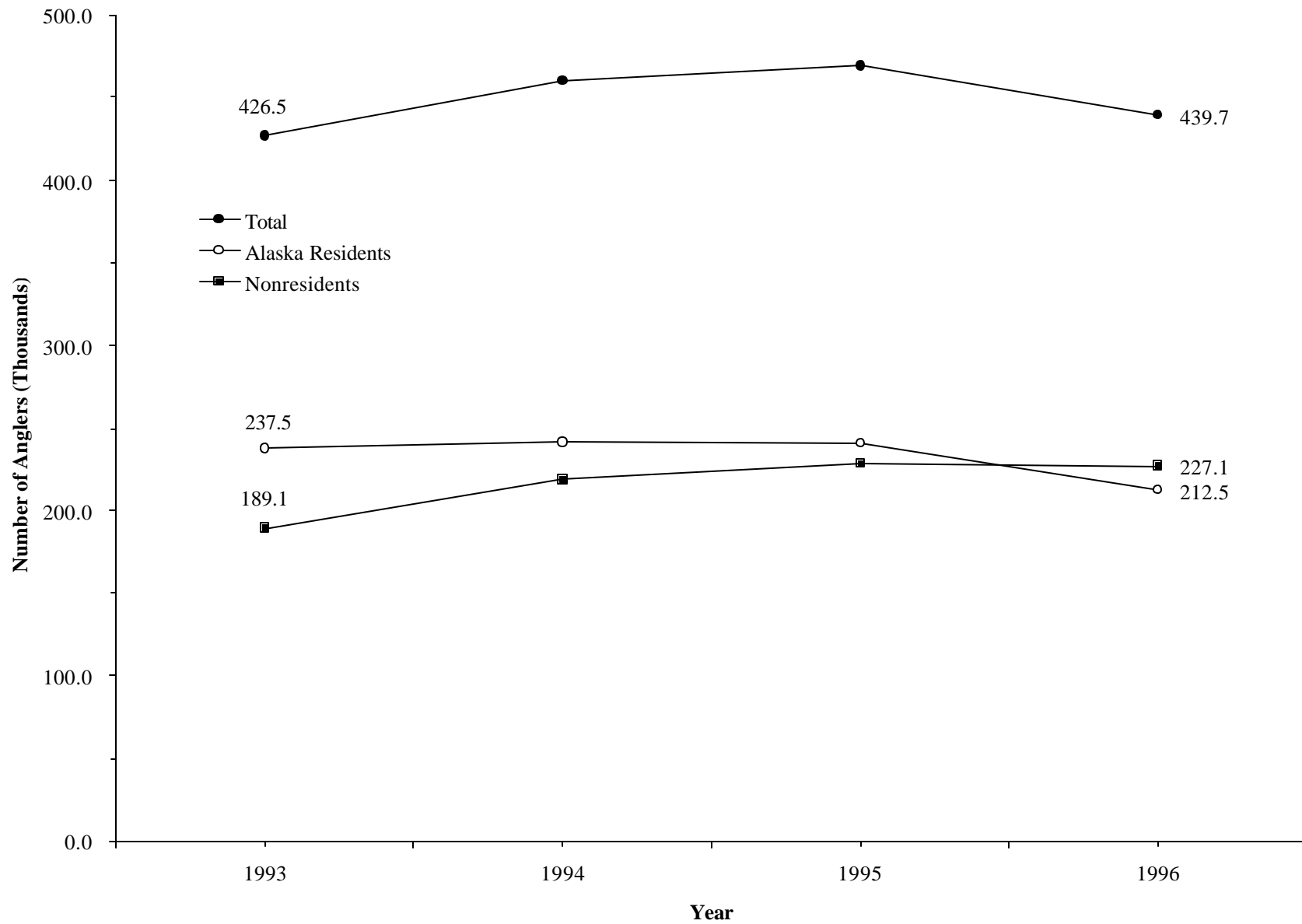
**Appendix A7.-Statewide and regional participation in Alaska sport fishing by residency, 1991-1996.**

Region	1991				1992				Total	
	Residents of Alaska		Nonresidents of Alaska		Residents of Alaska		Nonresidents of Alaska			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Anglers</b>										
SE <sup>a</sup>	37,018	39.8	55,896	60.2	92,914	36,835	37.8	60,616	62.2	97,451
SC <sup>b</sup>	199,225	62.5	119,639	37.5	318,864	198,034	62.0	121,316	38.0	319,350
AYK <sup>c</sup>	38,237	82.4	8,189	17.6	46,426	34,328	80.6	8,264	19.4	42,592
TOTAL	252,116	59.3	172,909	40.7	425,025	246,108	57.4	182,660	42.6	428,768
<b>Days Fished</b>										
SE <sup>a</sup>	251,954	55.5	202,397	44.5	454,351	247,014	52.7	221,578	47.3	468,592
SC <sup>b</sup>	1,270,31	71.3	511,736	28.7	1,782,055	1,364,45	72.2	525,476	27.8	1,889,930
AYK <sup>c</sup>	190,772	86.7	29,150	13.3	219,922	156,924	86.3	24,928	13.7	181,852
TOTAL	1,713,04	69.7	743,283	30.3	2,456,328	1,768,39	69.6	771,982	30.4	2,540,374
Region	1993				1994				Total	
	Residents of Alaska		Nonresidents of Alaska		Residents of Alaska		Nonresidents of Alaska			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Anglers</b>										
SE <sup>a</sup>	35,320	36.6	61,152	63.4	96,472	36,041	31.5	78,198	68.5	114,239
SC <sup>b</sup>	194,313	59.5	132,405	40.5	326,718	194,207	57.6	142,665	42.4	336,872
AYK <sup>c</sup>	33,802	76.8	10,202	23.2	44,004	33,102	78.0	9,346	22.0	42,448
TOTAL	237,452	55.7	189,062	44.3	426,514	241,438	52.5	218,766	47.5	460,204
<b>Days Fished</b>										
SE <sup>a</sup>	258,612	54.9	212,591	45.1	471,203	259,109	47.7	283,830	52.3	542,939
SC <sup>b</sup>	1,301,56	69.7	565,666	30.3	1,867,233	1,318,82	67.0	648,160	33.0	1,966,985
AYK <sup>c</sup>	187,973	85.1	32,999	14.9	220,972	176,627	84.1	33,360	15.9	209,987
TOTAL	1,748,15	68.3	811,256	31.7	2,559,408	1,754,56	64.5	965,350	35.5	2,719,911
Region	1995				1996				Total	
	Residents of Alaska		Nonresidents of Alaska		Residents of Alaska		Nonresidents of Alaska			
	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
<b>Anglers</b>										
SE <sup>a</sup>	36,001	33.3	71,958	66.7	107,959	30,390	28.7	75,457	71.3	105,847
SC <sup>b</sup>	187,452	54.7	155,374	45.3	342,826	167,553	52.7	150,364	47.3	317,917
AYK <sup>c</sup>	41,181	76.0	13,003	24.0	54,184	34,150	73.1	12,539	26.9	46,689
TOTAL	240,566	51.2	228,870	48.8	469,436	212,510	48.3	227,141	51.7	439,651
<b>Days Fished</b>										
SE <sup>a</sup>	271,069	51.0	260,921	49.0	531,990	193,035	52.1	177,384	47.9	370,419
SC <sup>b</sup>	1,308,12	65.9	677,413	34.1	1,985,539	966,155	67.3	468,788	32.7	1,434,943
AYK <sup>c</sup>	222,720	82.4	47,421	17.6	270,141	168,259	83.6	32,907	16.4	201,166
TOTAL	1,801,91	64.6	985,755	35.4	2,787,670	1,327,44	66.2	679,079	33.8	2,006,528

<sup>a</sup> Southeast

<sup>b</sup> Southcentral

<sup>c</sup> Arctic-Yukon-Kuskokwim



**Appendix A8.-Anglers who sport fished in Alaska by area of residence, 1993-1996.**

**Appendix A9.-Number of anglers who sport fished in Alaska by area of residence, 1984-1996.**

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
<b>Alaska</b>													
Southeast	34,252	35,267	36,426	37,297	36,798	37,435	38,851	35,389	35,837	33,132	32,646	33,122	26,027
Upper Copper-Susitna River	1,353	1,470	1,539	1,622	1,701	1,320	1,528	1,490	1,589	1,339	1,204	1,659	1,238
Prince William Sound	3,632	4,149	4,313	4,558	4,248	3,731	4,237	3,836	3,944	4,177	3,857	4,184	3,868
Kenai Peninsula	21,693	21,332	22,058	24,025	24,180	24,211	24,316	24,869	24,402	24,646	29,457	28,857	23,369
West Cook Inlet-Lower Susitna Drainage	125,464	129,335	133,715	135,476	134,465	124,257	126,049	131,266	127,214	122,916	129,818	118,700	106,151
Kodiak	6,995	7,509	7,767	8,342	7,005	7,110	8,711	7,792	6,957	6,854	6,629	5,420	5,812
Bristol Bay	2,518	3,115	3,356	2,922	3,233	3,825	4,133	5,735	5,131	4,847	2,628	3,208	2,681
Arctic-Yukon-Kuskokwim	41,474	38,958	40,455	39,961	38,656	39,722	43,247	41,739	41,034	39,541	35,199	45,416	37,852
Unknown Alaska													5,512
Total Residents	237,381	241,135	249,629	254,203	250,286	241,611	251,072	252,116	246,108	237,452	241,438	240,566	212,510
Percent	70.7%	69.1%	69.5%	68.6%	66.4%	61.7%	59.1%	59.3%	57.4%	55.7%	52.5%	51.2%	48.3%
<b>Other Than Alaska</b>													
Other United States	88,784	98,262	100,120	105,380	118,372	136,573	160,265	158,182	168,741	172,700	202,318	211,728	212,022
Foreign	9,443	9,370	9,634	10,755	8,346	13,124	13,536	14,727	13,919	16,362	16,448	17,142	15,119
Total Nonresidents	98,227	107,632	109,754	116,135	126,718	149,697	173,801	172,909	182,660	189,062	218,766	228,870	227,141
Percent	29.3%	30.9%	30.5%	31.4%	33.6%	38.3%	40.9%	40.7%	42.6%	44.3%	47.5%	48.8%	51.7%
<b>TOTAL</b>	<b>335,608</b>	<b>348,767</b>	<b>359,383</b>	<b>370,338</b>	<b>377,004</b>	<b>391,308</b>	<b>424,873</b>	<b>425,025</b>	<b>428,768</b>	<b>426,514</b>	<b>460,204</b>	<b>469,436</b>	<b>439,651</b>

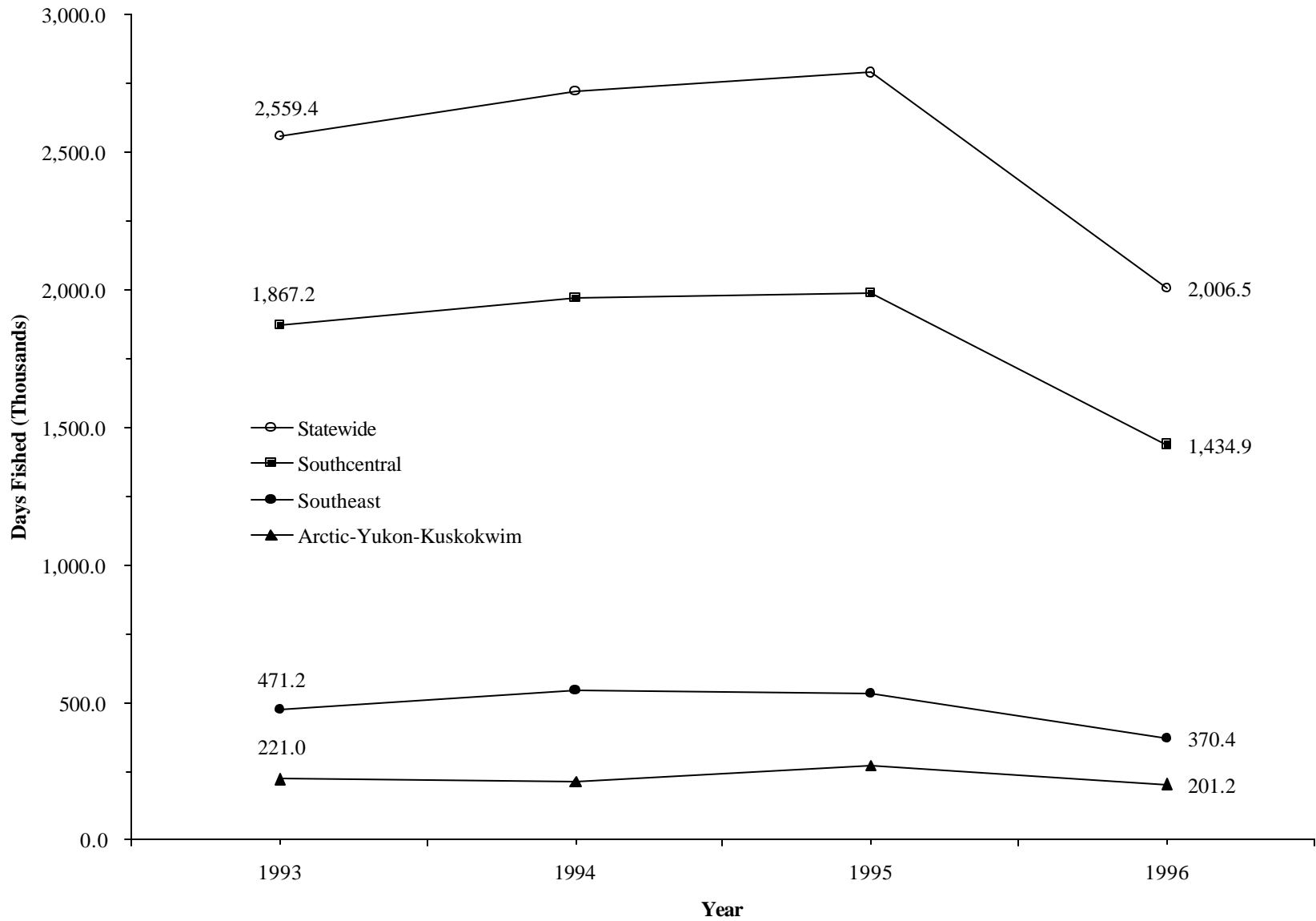
### Appendix A10.-Number of anglers by Alaska region and area fished, 1986-1996.

Area Fished	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
<b>Southeast</b>											
Ketchikan	16,366	17,934	21,306	19,810	26,158	21,854	22,711	20,464	27,090	22,738	24,000
Prince of Wales Island	5,109	6,686	5,787	8,873	10,498	9,634	10,446	14,355	16,134	14,643	14,292
Kake, Petersburg, Wrangell, Stikine	8,248	8,716	9,022	9,753	12,452	9,830	12,241	10,238	13,166	10,368	9,330
Sitka	10,373	8,286	12,171	12,506	16,706	18,567	21,465	20,931	28,922	26,362	23,930
Juneau	22,427	24,388	22,586	26,280	26,830	28,415	30,315	25,749	27,617	30,316	28,160
Haines-Skagway	11,213	10,484	10,798	8,680	13,720	8,615	4,861	8,754	7,072	7,713	7,410
Glacier Bay	2,209	2,369	2,444	3,548	3,069	4,929	4,113	5,184	5,110	6,961	5,417
Yakutat	3,493	3,622	3,496	3,068	3,440	3,206	3,552	3,588	4,590	4,560	5,403
Total <sup>a</sup>	73,670	78,270	80,599	82,111	101,499	92,914	97,451	96,472	114,239	107,959	105,847
<b>Southcentral</b>											
Upper Copper/Upper Susitna Drainages	29,371	25,270	31,590	24,535	26,302	28,373	26,276	29,312	28,323	30,056	27,620
Prince William Sound	26,689	30,503	30,383	26,238	37,464	37,380	33,817	33,600	37,147	46,435	37,930
Knik Arm Drainage	48,155	47,186	60,735	51,951	50,887	50,186	48,065	40,797	43,576	36,604	32,404
Anchorage	36,734	31,673	33,817	32,286	32,976	31,612	37,993	35,307	35,098	35,948	35,897
East Susitna River Drainage	35,552	36,136	52,196	46,833	47,998	47,561	57,762	50,615	44,448	39,094	37,480
West Cook Inlet-West Susitna River Drainages	37,522	36,043	41,862	39,187	41,005	41,440	39,564	40,641	39,463	27,235	25,544
Kenai Peninsula	161,909	175,477	192,292	197,352	209,376	210,295	210,021	219,913	229,030	231,923	214,502
Kodiak	12,468	11,481	12,345	12,849	13,714	13,994	13,362	15,323	16,906	14,693	13,748
Naknek River Drainage-Alaska Peninsula	5,414	8,145	7,797	8,313	10,896	11,521	10,446	9,160	8,355	10,394	7,861
Kvichak River Drainage	5,097	8,380	3,558	6,190	6,931	9,287	8,588	10,075	8,635	10,472	8,051
Nushagak	4,205	5,541	3,868	4,833	5,312	6,921	5,771	6,097	8,160	7,925	8,411
Total <sup>a</sup>	246,310	254,212	285,360	292,524	309,770	318,864	319,350	326,718	336,872	342,826	317,917
<b>Arctic-Yukon-Kuskokwim</b>											
Tanana River Drainages	34,805	35,699	36,911	38,731	38,031	34,672	31,586	33,343	32,334	41,654	35,362
Kuskokwim-Goodnews Drainages	2,397	3,775	3,310	3,688	2,691	3,146	3,041	3,257	3,948	3,699	4,308
Seward Peninsula-Norton Sound Drainages	3,381	2,697	3,001	3,052	3,233	3,776	3,540	3,134	3,016	3,719	2,958
Northwest Alaska Drainages	1,649	2,191	990	1,063	1,008	1,795	1,421	1,575	1,100	1,957	1,407
Yukon River Drainages	2,706	2,644	3,063	3,989	4,162	4,047	4,313	3,800	3,714	5,477	3,877
North Slope Brooks Range Drainages	1,854	1,551	1,052	1,423	1,158	1,556	1,758	1,362	1,253	1,612	1,259
Total <sup>a</sup>	45,248	45,542	45,606	48,705	47,799	46,426	42,592	44,004	42,448	54,184	46,689
<b>Alaska Total<sup>a</sup></b>	<b>359,383</b>	<b>370,338</b>	<b>377,004</b>	<b>391,308</b>	<b>424,873</b>	<b>425,025</b>	<b>428,768</b>	<b>426,514</b>	<b>460,204</b>	<b>469,436</b>	<b>439,651</b>

<sup>a</sup> 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.

**Appendix A11.-Number of Alaska sport fishing trips by region and area, 1986-1996.**

Area Fished	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
<b>Southeast</b>											
Ketchikan	62,029	64,321	79,032	60,937	71,338	57,043	61,790	55,221	66,096	54,160	48,600
Prince of Wales Island	23,113	26,418	24,505	33,555	36,648	29,452	30,655	39,226	45,242	38,605	30,498
Kake, Petersburg, Wrangell, Stikine	24,906	31,218	33,610	34,154	50,101	33,879	44,836	35,267	44,823	37,723	25,259
Sitka	36,728	43,708	40,140	48,841	50,453	48,282	61,044	58,500	73,231	67,050	44,863
Juneau	101,712	111,498	98,490	100,382	93,184	91,035	122,282	97,322	108,370	116,579	77,493
Haines-Skagway	34,359	38,800	33,017	28,128	41,182	24,269	20,925	27,428	21,799	23,567	17,710
Glacier Bay	3,778	4,696	8,571	6,635	5,826	14,140	10,778	11,034	11,189	16,151	10,101
Yakutat	6,581	7,613	10,985	8,038	8,208	9,476	9,722	11,995	12,932	12,286	12,046
Total	293,206	328,272	328,350	320,670	356,940	307,576	362,032	335,993	383,682	366,121	266,570
<b>Southcentral</b>											
Upper Copper/Upper Susitna Drainages	35,907	35,351	34,071	36,765	32,760	39,559	39,600	47,561	48,612	56,001	35,056
Prince William Sound	47,735	54,516	64,486	59,777	76,491	70,309	71,914	66,463	77,485	82,498	61,661
Knik Arm Drainage	119,599	122,815	161,172	127,650	121,973	114,089	110,233	93,841	111,100	96,517	68,913
Anchorage	105,281	113,490	120,108	102,826	118,977	103,157	132,220	133,643	129,932	158,523	111,809
East Susitna River Drainage	65,880	66,239	94,709	77,813	85,044	80,540	111,536	97,101	83,354	70,847	58,791
West Cook Inlet-West Susitna River Drainages	72,058	67,937	70,920	72,349	67,789	65,589	66,737	68,174	71,826	48,126	34,871
Kenai Peninsula	647,493	645,867	727,254	631,869	696,988	616,247	684,519	660,941	712,711	715,186	502,639
Kodiak	64,873	58,424	67,642	74,170	69,821	70,115	64,700	69,747	68,928	62,140	54,082
Naknek River Drainage-Alaska Peninsula	38,626	29,753	50,125	35,393	54,401	51,239	41,209	33,273	30,148	31,962	24,399
Kvichak River Drainage	12,184	12,366	7,954	12,034	16,983	18,912	18,308	23,726	21,692	21,042	14,439
Nushagak	8,850	6,916	8,108	10,335	13,034	17,000	15,080	17,548	21,145	20,954	16,165
Total	1,218,48	1,213,67	1,406,54	1,240,98	1,354,26	1,246,75	1,356,05	1,312,01	1,376,93	1,363,79	982,825
<b>Arctic-Yukon-Kuskokwim</b>											
Tanana River Drainages	113,536	141,436	150,869	135,400	131,831	113,247	94,265	126,733	118,052	154,458	117,911
Kuskokwim-Goodnews Drainages	4,926	7,419	6,035	7,946	5,263	6,731	6,078	6,046	6,865	7,175	6,365
Seward Peninsula-Norton Sound Drainages	9,065	7,666	14,078	13,289	12,986	18,091	14,843	14,044	12,798	14,677	11,240
Northwest Alaska Drainages	3,161	4,181	3,713	2,124	1,464	3,741	3,361	3,279	3,221	5,423	2,477
Yukon River Drainages	3,987	7,083	6,596	7,640	9,487	6,332	7,604	7,911	6,789	10,942	4,801
North Slope Brooks Range Drainages	3,932	4,098	3,096	3,152	2,521	4,084	3,783	3,395	4,308	3,549	3,000
Total	138,607	171,883	184,387	169,551	163,552	152,226	129,934	161,408	152,033	196,224	145,794
<b>Alaska Total</b>	<b>1,650,29</b>	<b>1,713,82</b>	<b>1,919,28</b>	<b>1,731,20</b>	<b>1,874,75</b>	<b>1,706,55</b>	<b>1,848,02</b>	<b>1,809,41</b>	<b>1,912,64</b>	<b>1,926,14</b>	<b>1,395,18</b>



**Appendix A12.-Angler-days fished in Alaska, statewide and by region, 1993-1996.**

**Appendix A13.-Number of angler-days fished in Alaska and percentage by region and area, 1986-1996.**

Area Fished	1986		1987		1988		1989		1990		1991	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Southeast</b>												
Ketchikan	82,914	4.0	83,697	3.9	98,166	4.2	92,647	4.1	91,127	3.7	98,284	4.0
Prince of Wales Island	25,002	1.2	30,845	1.4	35,571	1.5	50,659	2.2	50,214	2.0	47,297	1.9
Take, Petersburg, Wrangell, Stikine	30,502	1.5	37,181	1.7	39,004	1.7	53,955	2.4	59,965	2.4	48,013	2.0
Sitka	39,760	1.9	45,583	2.1	48,680	2.1	59,230	2.6	61,906	2.5	68,193	2.8
Juneau	121,055	5.8	114,756	5.3	108,860	4.7	115,360	5.1	122,045	5.0	113,913	4.6
Haines-Skagway	43,870	2.1	46,011	2.1	40,169	1.7	48,018	2.1	56,746	2.3	39,624	1.6
Glacier Bay	3,864	0.2	7,178	0.3	9,276	0.4	8,895	0.4	7,857	0.3	21,965	0.9
Yakutat	11,020	0.5	14,476	0.7	18,067	0.8	12,142	0.5	12,685	0.5	17,062	0.7
Total	357,987	17.3	379,727	17.6	397,793	17.2	440,906	19.5	462,545	18.9	454,351	18.5
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	51,563	2.5	52,324	2.4	45,867	2.0	52,262	2.3	50,791	2.1	64,207	2.6
Prince William Sound	64,280	3.1	81,221	3.8	84,971	3.7	95,295	4.2	105,739	4.3	113,115	4.6
Knik Arm Drainage	131,606	6.4	140,167	6.5	183,029	7.9	146,912	6.5	142,884	5.8	146,605	6.0
Anchorage	103,152	5.0	115,145	5.3	114,823	5.0	107,613	4.8	125,849	5.1	117,780	4.8
East Susitna River Drainage	92,289	4.5	77,817	3.6	107,977	4.7	96,864	4.3	101,917	4.2	113,178	4.6
West Cook Inlet-W Susitna River	104,768	5.1	103,350	4.8	111,585	4.8	115,054	5.1	110,927	4.5	121,505	4.9
Kenai Peninsula	808,450	39.0	829,267	38.5	878,292	38.0	799,409	35.3	896,360	36.5	869,715	35.4
Kodiak	77,166	3.7	75,650	3.5	69,325	3.0	86,342	3.8	81,603	3.3	96,481	3.9
Naknek River Drainage-Alaska Peninsula	46,611	2.3	47,961	2.2	52,505	2.3	45,114	2.0	67,192	2.7	69,010	2.8
Kvichak River Drainage	25,426	1.2	18,578	0.9	10,788	0.5	17,854	0.8	30,857	1.3	28,553	1.2
Nushagak	13,401	0.6	14,570	0.7	20,777	0.9	20,828	0.9	30,991	1.3	41,906	1.7
Total	1,518,712	73.3	1,556,050	72.3	1,679,939	72.7	1,583,547	69.9	1,745,110	71.1	1,782,055	72.5
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	144,814	7.0	155,346	7.2	173,706	7.5	185,715	8.2	184,887	7.5	155,662	6.3
Kuskokwim-Goodnews Drainages	11,319	0.5	17,856	0.8	23,494	1.0	16,457	0.7	15,858	0.6	13,055	0.5
Seward Peninsula-Norton Sound	18,107	0.9	21,413	1.0	20,278	0.9	17,692	0.8	21,799	0.9	23,622	1.0
Northwest Alaska Drainages	6,313	0.3	10,221	0.5	5,279	0.2	4,932	0.2	3,782	0.2	9,543	0.4
Yukon River Drainages	9,381	0.5	7,017	0.3	8,261	0.4	10,712	0.5	15,539	0.6	10,749	0.4
North Slope Brooks Range Drainages	4,779	0.2	5,256	0.2	2,541	0.1	4,118	0.2	3,764	0.2	7,291	0.3
Total	194,713	9.4	217,109	10.1	233,559	10.1	239,626	10.6	245,629	10.0	219,922	9.0
<b>Alaska Total</b>	<b>2,071,412</b>	<b>100.0</b>	<b>2,152,886</b>	<b>100.0</b>	<b>2,311,291</b>	<b>100.0</b>	<b>2,264,079</b>	<b>100.0</b>	<b>2,453,284</b>	<b>100.0</b>	<b>2,456,328</b>	<b>100.0</b>



**Appendix A13.-Page 2 of 2.**

Area Fished	1992		1993		1994		1995		1996	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Southeast</b>										
Ketchikan	84,482	3.3	77,145	3.0	90,363	3.3	76,580	2.7	71,526	3.6
Prince of Wales Island	44,470	1.8	62,544	2.4	69,572	2.6	60,552	2.2	44,795	2.2
Kake, Petersburg, Wrangell, Stikine	56,306	2.2	47,382	1.9	63,584	2.3	52,755	1.9	32,718	1.6
Sitka	78,281	3.1	74,944	2.9	107,993	4.0	101,138	3.6	64,982	3.2
Juneau	149,382	5.9	133,896	5.2	137,856	5.1	161,241	5.8	96,907	4.8
Haines-Skagway	25,896	1.0	41,655	1.6	32,592	1.2	34,484	1.2	25,152	1.3
Glacier Bay	15,279	0.6	15,054	0.6	18,219	0.7	25,314	0.9	14,436	0.7
Yakutat	14,496	0.6	18,583	0.7	22,760	0.8	19,926	0.7	19,903	1.0
Total	468,592	18.4	471,203	18.4	542,939	20.0	531,990	19.1	370,419	18.5
<b>Southcentral</b>										
Upper Copper/Upper Susitna Drainages	72,052	2.8	77,870	3.0	85,520	3.1	102,951	3.7	64,407	3.2
Prince William Sound	113,443	4.5	104,601	4.1	122,330	4.5	138,194	5.0	97,448	4.9
Knik Arm Drainage	141,825	5.6	118,214	4.6	143,372	5.3	126,154	4.5	90,990	4.5
Anchorage	141,571	5.6	143,492	5.6	142,277	5.2	176,401	6.3	126,325	6.3
East Susitna River Drainage	149,484	5.9	128,382	5.0	114,533	4.2	102,686	3.7	83,227	4.1
West Cook Inlet-W Susitna River	116,360	4.6	129,165	5.0	125,529	4.6	79,134	2.8	58,940	2.9
Kenai Peninsula	945,272	37.2	946,252	37.0	1,003,847	36.9	1,043,493	37.4	738,712	36.8
Kodiak	84,777	3.3	93,320	3.6	99,132	3.6	85,529	3.1	76,879	3.8
Naknek River Drainage-Alaska Peninsula	61,415	2.4	51,132	2.0	45,920	1.7	44,119	1.6	34,216	1.7
Kvichak River Drainage	34,876	1.4	41,697	1.6	39,141	1.4	44,463	1.6	26,578	1.3
Nushagak	28,855	1.1	33,108	1.3	45,384	1.7	42,415	1.5	37,221	1.9
Total	1,889,930	74.4	1,867,233	73.0	1,966,985	72.3	1,985,539	71.2	1,434,943	71.5
<b>Arctic-Yukon-Kuskokwim</b>										
Tanana River Drainages	120,848	4.8	160,117	6.3	148,633	5.5	201,389	7.2	150,227	7.5
Kuskokwim-Goodnews Drainages	14,404	0.6	14,505	0.6	18,117	0.7	16,289	0.6	16,420	0.8
Seward Peninsula-Norton Sound	22,684	0.9	18,930	0.7	18,922	0.7	19,647	0.7	13,783	0.7
Northwest Alaska Drainages	6,145	0.2	7,809	0.3	6,036	0.2	8,495	0.3	5,571	0.3
Yukon River Drainages	12,831	0.5	14,011	0.5	12,872	0.5	18,677	0.7	10,678	0.5
North Slope Brooks Range Drainages	4,940	0.2	5,600	0.2	5,407	0.2	5,644	0.2	4,487	0.2
Total	181,852	7.2	220,972	8.6	209,987	7.7	270,141	9.7	201,166	10.0
<b>Alaska Total</b>	<b>2,540,374</b>	<b>100.0</b>	<b>2,559,408</b>	<b>100.0</b>	<b>2,719,911</b>	<b>100.0</b>	<b>2,787,670</b>	<b>100.0</b>	<b>2,006,528</b>	<b>100.0</b>

**Appendix A14.-Alaska sport fish harvest by species, 1986-1996, and catch by species, 1996.**

Species	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>SALMON SPECIES:</b>												
Chinook	105,482	116,402	134,452	122,737	123,908	150,420	153,919	210,833	176,870	156,507	163,569	436,627
Sea-run Coho	255,887	235,435	281,450	338,195	325,936	389,569	345,513	412,487	502,127	368,631	555,196	915,919
Landlocked Coho/Chinook	43,562	46,754	57,679	46,697	37,831	51,799	46,843	54,182	41,744	22,326	54,442	108,892
Sockeye	186,448	478,243	291,067	436,871	239,118	327,047	372,752	283,661	251,605	237,230	319,174	588,089
Kokanee	2,620	2,966	2,461	2,727	2,071	6,276	2,478	4,203	747	209	76	641
Pink	145,960	119,070	156,759	164,778	205,602	151,316	149,372	124,582	144,140	122,314	167,804	663,031
Chum	26,725	20,787	44,029	34,647	14,525	18,209	17,299	20,519	21,877	26,646	38,565	246,518
<b>OTHER SPECIES:</b>												
Steelhead	5,850	5,914	6,288	6,387	5,645	5,109	3,149	3,818	2,346	1,037	412	40,136
Rainbow Trout	152,855	138,698	241,831	209,961	191,809	205,642	139,973	136,681	112,261	112,681	133,229	809,888
Cutthroat Trout	16,230	15,605	16,936	20,372	16,183	10,088	13,972	16,291	7,088	4,669	5,653	49,107
Brook Trout	526	298	1,273	887	450	477	1,026	762	481	274	223	1,390
Lake Trout	21,463	15,209	17,193	17,070	12,602	13,772	12,525	13,094	11,374	8,412	9,086	33,242
Dolly Varden/Arctic Char	165,165	129,495	150,502	136,127	132,553	142,594	97,071	100,428	73,533	69,657	89,089	482,122
Arctic Grayling	117,637	110,714	116,379	105,469	64,814	82,831	45,073	49,740	63,443	46,168	46,943	489,841
Northern Pike	21,890	19,079	23,440	21,659	15,985	29,611	18,616	19,366	25,558	19,006	23,043	140,871
Whitefish	39,718	32,602	20,312	24,337	15,595	6,828	6,738	4,223	4,454	2,863	2,047	9,050
Burbot	18,849	13,543	9,478	9,268	10,577	4,882	7,245	9,858	10,868	7,128	5,841	9,542
Sheefish	3,721	2,597	3,221	2,306	750	2,256	2,933	1,619	1,511	2,200	1,502	7,417
Smelt	182,620	264,696	210,145	207,826	194,068	111,834	148,540	61,495	106,127	52,905	60,867	63,502
Halibut	160,885	145,829	225,106	229,016	247,202	266,523	264,943	313,147	329,046	325,188	350,220	658,688
Shark	0	0	0	0	0	0	0	0	0	0	127	363
Rockfish	101,258	73,525	128,121	86,776	62,572	67,263	86,523	82,625	98,971	75,613	79,050	181,670
Lingcod	0	0	0	0	0	23,049	28,894	22,857	27,878	20,192	24,362	52,919
Pacific Cod	0	0	0	0	0	0	0	0	0	0	1,911	13,107
Razor Clams	1,299,248	1,125,589	1,261,819	917,963	1,037,941	1,207,520	1,237,140	1,011,959	1,317,675	1,199,945	843,983	843,983
Other Fish	88,834	94,088	83,365	71,791	75,564	36,598	31,511	31,290	18,612	28,178	11,610	38,786
<b>Total</b>	<b>3,163,433</b>	<b>3,207,138</b>	<b>3,483,306</b>	<b>3,213,867</b>	<b>3,033,301</b>	<b>3,311,513</b>	<b>3,234,048</b>	<b>2,989,720</b>	<b>3,350,336</b>	<b>2,909,979</b>	<b>2,988,024</b>	<b>6,885,341</b>

**Appendix A15.-Alaska saltwater sport fish harvest by species, 1986-1996, and catch by species, 1996.**

Species	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>SALMON SPECIES:</b>												
Chinook	28,942	33,510	44,647	44,366	63,997	73,662	62,290	82,064	67,325	74,945	78,838	144,533
Sea-run Coho	88,309	96,338	77,498	129,884	165,104	176,056	146,620	195,361	260,314	186,635	334,271	454,269
Landlocked Coho/Chinook	0	0	0	0	0	0	0	0	0	0	0	0
Sockeye	6,711	9,507	11,475	18,131	11,216	12,460	17,047	20,340	16,176	16,237	15,423	25,745
Kokanee	0	0	0	0	0	0	0	0	0	0	0	0
Pink	71,942	89,142	88,440	124,537	126,946	119,591	94,213	98,419	111,366	99,111	117,702	320,443
Chum	9,015	7,945	19,403	13,134	6,287	7,378	7,759	12,170	13,121	12,676	23,342	79,066
<b>OTHER SPECIES:</b>												
Steelhead	914	1,031	2,006	2,125	1,420	1,058	1,083	923	512	38	99	844
Rainbow Trout	0	0	0	0	0	0	0	0	0	0	0	0
Cutthroat Trout	1,993	2,122	1,962	1,897	1,128	1,410	2,259	2,662	1,518	581	894	5,742
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	32,654	25,102	39,948	32,273	32,929	30,481	19,896	19,618	13,999	13,727	16,570	55,718
Arctic Grayling	472	0	55	116	0	0	0	19	141	0	0	0
Northern Pike	0	0	0	0	0	0	0	0	0	0	0	0
Whitefish	0	61	36	408	17	0	18	9	46	0	0	0
Burbot	0	0	0	0	0	0	0	0	0	0	0	0
Sheefish	168	813	0	568	0	0	779	398	382	290	73	187
Smelt	34,191	89,974	42,265	39,424	16,561	10,444	22,435	9,381	13,299	5,982	16,839	18,711
Halibut	160,885	145,829	225,106	229,016	247,202	266,523	264,943	313,147	329,046	325,188	350,220	658,688
Shark	0	0	0	0	0	0	0	0	0	0	127	363
Rockfish	101,258	73,525	128,121	86,776	62,572	67,263	86,523	82,625	98,971	75,613	79,050	181,670
Lingcod	0	0	0	0	0	23,049	28,894	22,857	27,878	20,192	24,362	52,919
Pacific Cod	0	0	0	0	0	0	0	0	0	0	1,911	13,107
Razor Clams	1,299,248	1,125,589	1,261,819	917,963	1,037,941	1,207,520	1,237,140	1,011,959	1,317,675	1,199,945	843,983	843,983
Other Fish	81,351	90,749	82,591	71,086	74,378	32,077	28,531	30,117	14,696	26,119	11,039	36,034
<b>Total</b>	<b>1,918,053</b>	<b>1,791,237</b>	<b>2,025,372</b>	<b>1,711,704</b>	<b>1,847,698</b>	<b>2,028,972</b>	<b>2,020,430</b>	<b>1,902,069</b>	<b>2,286,465</b>	<b>2,057,279</b>	<b>1,914,743</b>	<b>2,892,022</b>

**Appendix A16.-Alaska freshwater sport fish harvest by species, 1986-1996, and catch by species, 1996.**

Species	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>SALMON SPECIES:</b>												
Chinook	76,540	82,892	89,805	78,371	59,911	76,758	91,629	128,769	109,545	81,562	84,731	292,094
Sea-run Coho	167,578	139,097	203,952	208,311	160,832	213,513	198,893	217,126	241,813	181,996	220,925	461,650
Landlocked Coho/Chinook	43,562	46,754	57,679	46,697	37,831	51,799	46,843	54,182	41,744	22,326	54,442	108,892
Sockeye	179,737	468,736	279,592	418,740	227,902	314,587	355,705	263,321	235,429	220,993	303,751	562,344
Kokanee	2,620	2,966	2,461	2,727	2,071	6,276	2,478	4,203	747	209	76	641
Pink	74,018	29,928	68,319	40,241	78,656	31,725	55,159	26,163	32,774	23,203	50,102	342,588
Chum	17,710	12,842	24,626	21,513	8,238	10,831	9,540	8,349	8,756	13,970	15,223	167,452
<b>OTHER SPECIES:</b>												
Steelhead	4,936	4,883	4,282	4,262	4,225	4,051	2,066	2,895	1,834	999	313	39,292
Rainbow Trout	152,855	138,698	241,831	209,961	191,809	205,642	139,973	136,681	112,261	112,681	133,229	809,888
Cutthroat Trout	14,237	13,483	14,974	18,475	15,055	8,678	11,713	13,629	5,570	4,088	4,759	43,365
Brook Trout	526	298	1,273	887	450	477	1,026	762	481	274	223	1,390
Lake Trout	21,463	15,209	17,193	17,070	12,602	13,772	12,525	13,094	11,374	8,412	9,086	33,242
Dolly Varden/Arctic Char	132,511	104,393	110,554	103,854	99,624	112,113	77,175	80,810	59,534	55,930	72,519	426,404
Arctic Grayling	117,165	110,714	116,324	105,353	64,814	82,831	45,073	49,721	63,302	46,168	46,943	489,841
Northern Pike	21,890	19,079	23,440	21,659	15,985	29,611	18,616	19,366	25,558	19,006	23,043	140,871
Whitefish	39,718	32,541	20,276	23,929	15,578	6,828	6,720	4,214	4,408	2,863	2,047	9,050
Burbot	18,849	13,543	9,478	9,268	10,577	4,882	7,245	9,858	10,868	7,128	5,841	9,542
Sheefish	3,553	1,784	3,221	1,738	750	2,256	2,154	1,221	1,129	1,910	1,429	7,230
Smelt	148,429	174,722	167,880	168,402	177,507	101,390	126,105	52,114	92,828	46,923	44,028	44,791
Halibut	0	0	0	0	0	0	0	0	0	0	0	0
Shark	0	0	0	0	0	0	0	0	0	0	0	0
Rockfish	0	0	0	0	0	0	0	0	0	0	0	0
Lingcod	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Cod	0	0	0	0	0	0	0	0	0	0	0	0
Razor Clams	0	0	0	0	0	0	0	0	0	0	0	0
Other Fish	7,483	3,339	774	705	1,186	4,521	2,980	1,173	3,916	2,059	571	2,752
<b>Total</b>	<b>1,245,380</b>	<b>1,415,901</b>	<b>1,457,934</b>	<b>1,502,163</b>	<b>1,185,603</b>	<b>1,282,541</b>	<b>1,213,618</b>	<b>1,087,651</b>	<b>1,063,871</b>	<b>852,700</b>	<b>1,073,281</b>	<b>3,993,319</b>

**Appendix A17.-Southeast Alaska sport fish harvest by species, 1986-1996, and catch by species, 1996.**

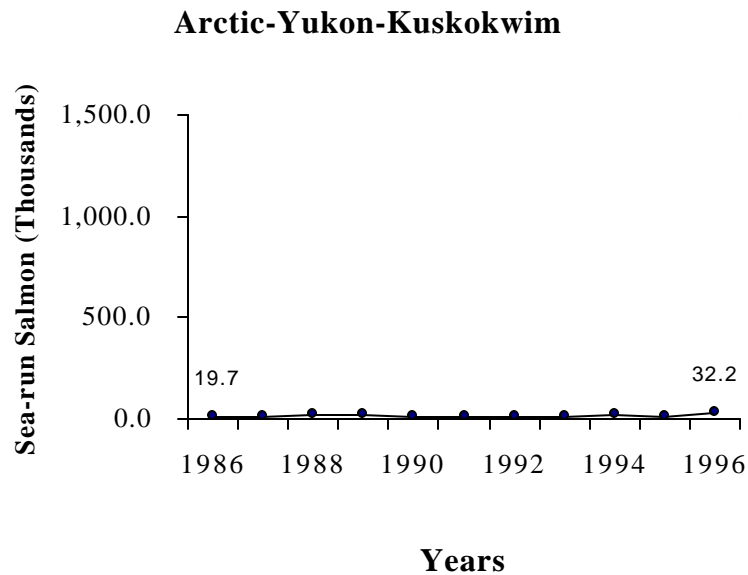
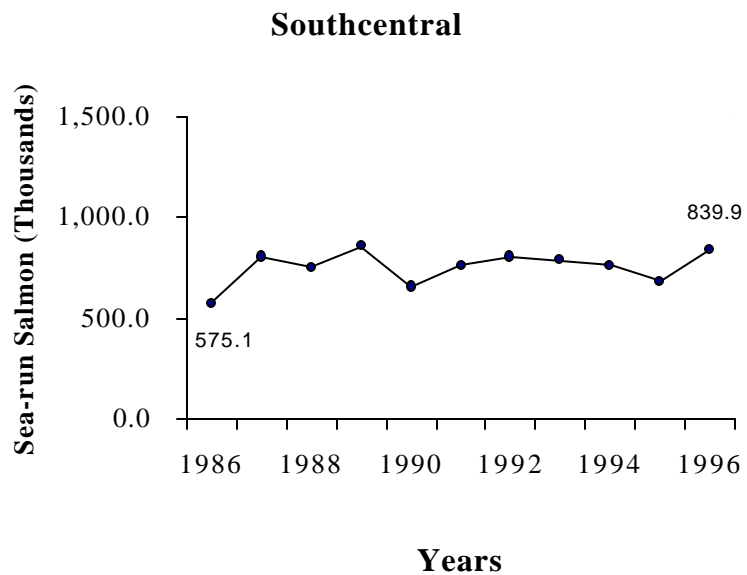
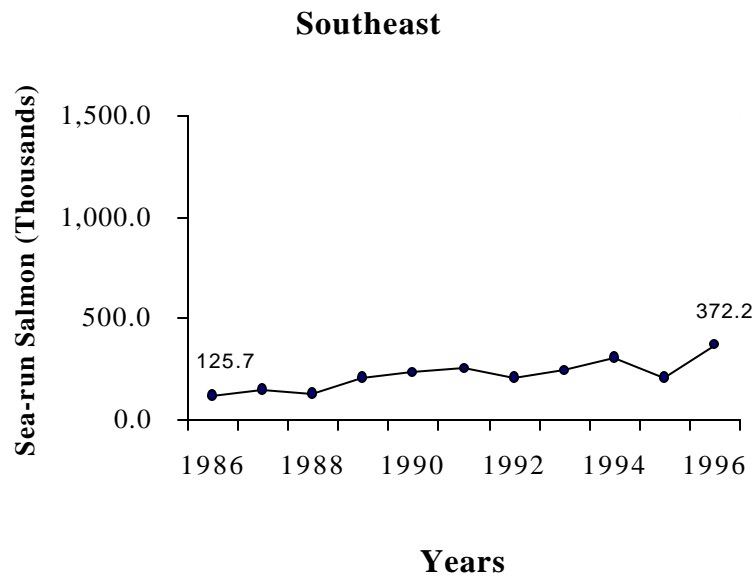
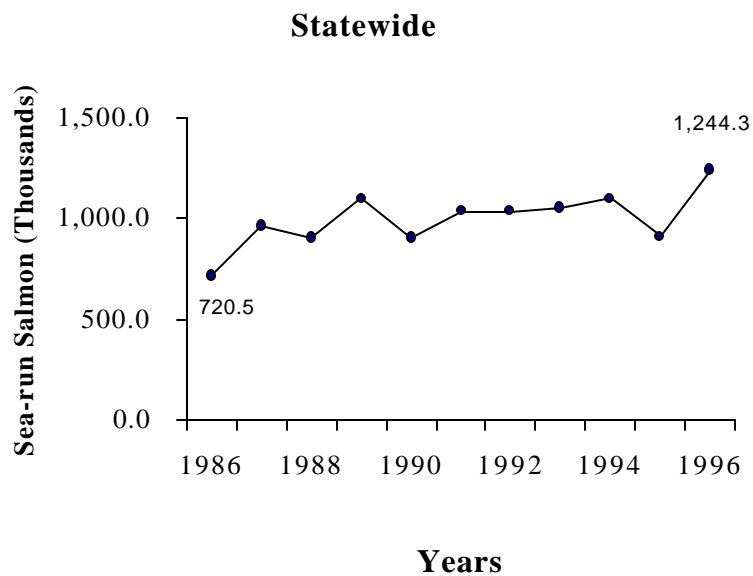
Species	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>SALMON SPECIES:</b>												
Chinook	22,551	24,324	26,160	31,071	51,218	60,492	42,892	49,246	42,365	49,667	57,509	115,441
Sea-run Coho	58,322	50,284	43,688	90,789	105,212	123,946	99,939	121,874	191,860	97,128	193,758	270,027
Landlocked Coho/Chinook	56	0	728	528	413	1,222	1,536	1,454	717	48	36	485
Sockeye	6,300	9,374	7,711	13,114	9,848	9,715	9,318	17,419	13,023	13,491	15,709	36,404
Kokanee	257	385	474	520	99	362	769	206	60	0	76	641
Pink	33,483	57,060	45,023	70,822	65,208	57,859	54,101	51,436	52,263	42,958	85,059	253,877
Chum	5,032	5,207	9,913	8,932	4,962	5,593	6,041	9,380	11,561	11,438	20,196	67,458
<b>OTHER SPECIES:</b>												
Steelhead	4,722	4,677	4,309	5,409	4,274	4,632	2,439	1,249	685	233	159	20,391
Rainbow Trout	6,244	4,885	5,927	7,085	4,204	5,352	4,292	4,190	2,178	1,655	1,911	13,425
Cutthroat Trout	14,610	14,247	16,317	18,861	15,660	9,672	12,957	15,351	6,476	4,547	4,946	46,336
Brook Trout	526	298	1,273	887	450	477	1,026	762	481	274	223	1,390
Lake Trout	0	0	0	0	0	0	0	0	0	0	0	0
Dolly Varden/Arctic Char	61,139	46,721	59,371	51,636	48,300	45,954	26,238	26,893	18,558	17,723	22,447	101,919
Arctic Grayling	447	742	527	214	368	81	512	95	77	9	303	1,645
Northern Pike	0	18	18	42	0	136	0	0	0	0	0	484
Whitefish	34	0	91	61	16	60	18	0	0	0	0	0
Burbot	0	0	0	0	0	0	0	0	0	0	0	0
Sheefish	0	0	0	0	0	0	0	0	0	0	0	0
Smelt	8,952	60,412	6,869	4,564	3,678	6,202	36,940	2,374	2,797	904	1,284	1,284
Halibut	45,028	44,347	56,580	74,304	66,490	74,038	71,861	87,779	92,317	91,778	98,133	160,439
Rockfish	41,568	42,261	56,839	39,504	25,959	26,828	31,213	32,030	44,406	34,347	32,886	97,165
Lingcod	0	0	0	0	0	9,758	13,193	14,969	20,069	13,103	16,409	25,290
Razor Clams	8,422	2,149	3,284	5,104	4,428	618	2,445	1,001	928	2,004	228	228
Other Fish	19,610	53,650	32,800	17,579	20,167	14,204	8,892	13,237	7,200	13,533	3,580	12,072
<b>Total</b>	<b>337,303</b>	<b>421,041</b>	<b>377,902</b>	<b>441,026</b>	<b>430,954</b>	<b>457,201</b>	<b>426,622</b>	<b>450,945</b>	<b>508,021</b>	<b>394,840</b>	<b>554,852</b>	<b>1,226,401</b>

**Appendix A18.-Southcentral Alaska sport fish harvest by species, 1986-1996, and catch by species, 1996.**

Species	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>SALMON SPECIES:</b>												
Chinook	80,071	89,885	104,474	88,253	70,885	87,965	109,338	157,623	129,476	102,549	98,983	283,988
Sea-run Coho	188,872	176,710	225,812	237,155	214,114	254,961	237,204	283,868	299,849	263,749	347,567	592,847
Landlocked Coho/Chinook	19,445	20,130	24,609	27,555	23,475	28,452	31,288	36,994	30,677	14,080	40,766	73,687
Sockeye	179,709	467,505	281,828	423,301	228,452	316,701	363,056	265,517	237,670	223,358	302,678	542,045
Kokanee	2,363	2,581	1,987	2,207	1,972	5,729	1,525	3,997	687	209	0	0
Pink	109,073	60,688	107,877	90,191	132,400	91,592	86,837	70,869	84,649	78,374	76,247	383,992
Chum	17,357	12,812	30,424	19,833	7,417	9,458	8,265	8,693	7,556	12,864	14,413	136,180
<b>OTHER SPECIES:</b>												
Steelhead	1,128	1,237	1,979	978	1,371	477	710	2,569	1,661	804	253	19,745
Rainbow Trout	114,837	101,397	155,960	127,444	122,987	127,492	97,730	82,312	76,384	74,972	81,814	637,854
Cutthroat Trout	1,620	1,358	619	1,511	523	416	1,015	940	612	122	707	2,771
Brook Trout	0	0	0	0	0	0	0	0	0	0	0	0
Lake Trout	18,213	14,096	14,463	13,465	10,859	10,739	10,334	10,496	9,543	7,080	7,880	25,965
Dolly Varden/Arctic Char	93,653	70,405	78,984	70,219	75,992	76,869	63,371	59,722	45,256	43,073	54,229	314,972
Arctic Grayling	51,465	52,016	46,891	33,618	26,940	30,396	22,257	23,786	30,249	22,874	21,649	207,418
Northern Pike	2,894	4,839	3,598	4,434	3,655	8,704	7,314	7,131	5,800	5,323	10,503	50,302
Whitefish	7,914	5,443	6,591	5,344	7,878	3,832	2,867	2,480	3,000	1,867	1,215	6,255
Burbot	13,238	9,526	5,600	4,374	5,094	1,827	2,992	3,392	5,165	1,853	2,030	3,591
Sheefish	0	0	0	0	0	0	0	0	0	0	0	0
Smelt	173,204	197,204	200,800	200,838	188,681	103,814	109,599	55,421	95,824	50,735	57,010	59,419
Halibut	115,857	101,446	168,526	154,712	180,568	192,485	193,049	225,314	236,609	233,389	251,746	497,780
Shark	0	0	0	0	0	0	0	0	0	0	127	363
Rockfish	59,690	31,264	71,282	47,272	36,613	40,435	55,310	50,595	54,565	41,266	46,164	84,505
Lingcod	0	0	0	0	0	13,291	15,701	7,888	7,809	7,089	7,953	27,629
Pacific Cod	0	0	0	0	0	0	0	0	0	0	1,911	13,107
Razor Clams	1,290,826	1,123,440	1,258,535	912,859	1,033,513	1,206,902	1,234,695	1,010,958	1,316,747	1,197,941	843,755	843,755
Other Fish	67,875	40,438	50,194	53,841	54,783	20,611	21,483	16,659	9,851	13,095	7,239	25,728
<b>Total</b>	<b>2,609,304</b>	<b>2,584,420</b>	<b>2,841,033</b>	<b>2,519,404</b>	<b>2,428,172</b>	<b>2,633,148</b>	<b>2,675,940</b>	<b>2,387,224</b>	<b>2,689,639</b>	<b>2,396,666</b>	<b>2,276,839</b>	<b>4,833,898</b>

**Appendix A19.-Arctic-Yukon-Kuskokwim Alaska sport fish harvest by species, 1986-1996, and catch by species, 1996.**

Species	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>SALMON SPECIES:</b>												
Chinook	2,860	2,193	3,818	3,413	1,805	1,963	1,689	3,964	5,029	4,291	7,077	37,198
Sea-run Coho	8,693	8,441	11,950	10,251	6,610	10,662	8,370	6,745	10,418	7,754	13,871	53,045
Landlocked Coho/Chinook	24,061	26,624	32,342	18,614	13,943	22,125	14,019	15,734	10,350	8,198	13,640	34,720
Sockeye	439	1,364	1,528	456	818	631	378	725	912	381	787	9,640
Kokanee	0	0	0	0	0	185	184	0	0	0	0	0
Pink	3,404	1,322	3,859	3,765	7,994	1,865	8,434	2,277	7,228	982	6,498	25,162
Chum	4,336	2,768	3,692	5,882	2,146	3,158	2,993	2,446	2,760	2,344	3,956	42,880
<b>OTHER SPECIES:</b>												
Steelhead	0	0	0	0	0	0	0	0	0	0	0	0
Rainbow Trout	31,774	32,416	79,944	75,432	64,618	72,798	37,951	50,179	33,699	36,054	49,504	158,609
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	3,250	1,113	2,730	3,605	1,743	3,033	2,191	2,598	1,831	1,332	1,206	7,277
Dolly Varden/Arctic Char	10,373	12,369	12,147	14,272	8,261	19,771	7,462	13,813	9,719	8,861	12,413	65,231
Arctic Grayling	65,725	57,956	68,961	71,637	37,506	52,354	22,304	25,859	33,117	23,285	24,991	280,778
Northern Pike	18,996	14,222	19,824	17,183	12,330	20,771	11,302	12,235	19,758	13,683	12,540	90,085
Whitefish	31,770	27,159	13,630	18,932	7,701	2,936	3,853	1,743	1,454	996	832	2,795
Burbot	5,611	4,017	3,878	4,894	5,483	3,055	4,253	6,466	5,703	5,275	3,811	5,951
Sheefish	3,721	2,597	3,221	2,306	750	2,256	2,933	1,619	1,511	2,200	1,502	7,417
Smelt	464	7,080	2,476	2,424	1,709	1,818	2,001	3,700	7,506	1,266	2,573	2,799
Halibut	0	36	0	0	144	0	33	54	120	21	341	469
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	1,349	0	371	371	614	1,783	1,136	1,394	1,561	1,550	791	986
<b>Total</b>	<b>216,826</b>	<b>201,677</b>	<b>264,371</b>	<b>253,437</b>	<b>174,175</b>	<b>221,164</b>	<b>131,486</b>	<b>151,551</b>	<b>152,676</b>	<b>118,473</b>	<b>156,333</b>	<b>825,042</b>



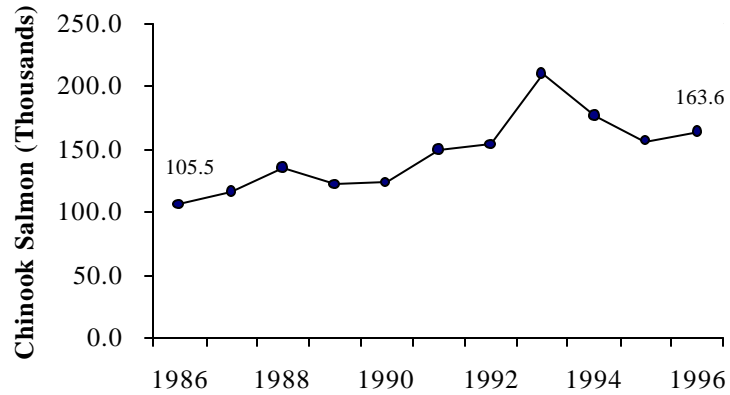
**Appendix A20.-Alaska sport sea-run salmon harvests, statewide and by region, 1986-1996.**



**Appendix A21.-Alaska sport sea-run salmon harvests, 1986-1996, and catch, 1996, by region and area.**

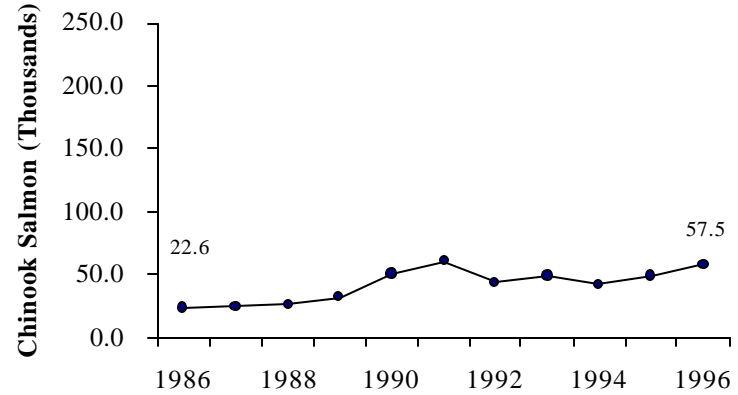
Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	44,388	35,550	30,594	49,120	65,233	64,338	51,117	48,077	60,424	43,432	102,822	185,466
Prince of Wales Island	14,709	14,651	9,344	32,008	29,096	38,123	23,446	68,302	41,238	34,830	80,781	156,500
Kake, Petersburg, Wrangell, Stikine	6,878	8,862	8,176	11,339	19,664	15,836	14,225	12,676	20,047	12,967	14,218	29,178
Sitka	10,634	9,301	13,452	21,243	21,038	30,376	23,898	34,522	63,615	42,649	75,015	139,521
Juneau	30,435	57,453	51,411	75,647	71,887	75,939	77,599	58,745	95,097	56,777	62,392	140,133
Haines-Skagway	10,061	12,357	11,084	8,373	22,368	9,220	8,708	5,600	8,639	4,690	7,179	18,772
Glacier Bay	775	2,544	3,456	6,015	2,822	13,788	4,939	6,474	9,414	6,420	8,113	14,094
Yakutat	7,808	5,531	4,978	10,983	4,340	9,985	8,359	14,959	12,598	12,917	21,711	59,543
<b>Total</b>	<b>125,688</b>	<b>146,249</b>	<b>132,495</b>	<b>214,728</b>	<b>236,448</b>	<b>257,605</b>	<b>212,291</b>	<b>249,355</b>	<b>311,072</b>	<b>214,682</b>	<b>372,231</b>	<b>743,207</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	8,002	7,507	4,891	6,883	5,871	10,464	9,085	13,754	13,173	12,937	21,159	52,962
Prince William Sound	49,608	55,710	63,195	72,292	81,710	77,964	67,708	66,159	92,110	99,860	100,589	238,224
Knik Arm Drainage	25,464	40,508	58,177	43,025	28,768	31,456	36,686	46,406	39,915	31,230	33,402	62,535
Anchorage	16,565	7,692	13,540	8,864	8,436	8,657	18,659	25,663	20,403	21,240	26,604	64,973
East Susitna River Drainage	44,071	26,928	42,247	36,254	29,501	35,410	66,508	58,309	42,520	36,264	44,570	148,102
West Cook Inlet-West Susitna River	42,559	38,546	49,540	53,873	44,000	57,015	49,052	55,547	41,053	40,515	44,199	119,711
Kenai Peninsula	305,647	557,213	422,275	512,243	362,912	450,156	482,681	423,540	421,335	357,452	483,852	828,553
Kodiak	41,497	33,681	47,185	46,103	28,435	38,539	28,654	47,010	33,700	36,759	37,204	130,445
Naknek River Drainage-Alaska Peninsula	21,938	20,795	35,928	34,262	42,404	23,294	21,220	15,541	16,881	14,944	18,758	72,275
Kvichak River Drainage	5,201	11,348	5,573	29,285	13,382	16,730	14,886	23,906	19,839	20,089	11,728	90,978
Nushagak	14,530	7,672	7,864	15,649	7,849	10,992	9,561	10,735	18,271	9,604	17,823	130,294
<b>Total</b>	<b>575,082</b>	<b>807,600</b>	<b>750,415</b>	<b>858,733</b>	<b>653,268</b>	<b>760,677</b>	<b>804,700</b>	<b>786,570</b>	<b>759,200</b>	<b>680,894</b>	<b>839,888</b>	<b>1,939,05</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	2,848	2,353	3,581	3,693	2,213	3,563	1,923	2,222	3,296	4,589	6,979	26,315
Kuskokwim-Goodnews Drainages	5,684	6,893	9,422	9,124	3,971	3,770	4,414	5,203	7,772	4,847	9,232	96,031
Seward Peninsula-Norton Sound Drainages	9,913	5,976	10,715	9,587	12,439	9,594	13,406	7,329	13,752	5,569	14,685	35,875
Northwest Alaska Drainages	811	529	254	51	0	150	521	452	299	359	626	4,312
Yukon River Drainages	476	287	820	1,312	750	1,202	1,567	934	1,228	388	656	5,354
North Slope Brooks Range Drainages	0	50	55	0	0	0	33	17	0	0	11	38
<b>Total</b>	<b>19,732</b>	<b>16,088</b>	<b>24,847</b>	<b>23,767</b>	<b>19,373</b>	<b>18,279</b>	<b>21,864</b>	<b>16,157</b>	<b>26,347</b>	<b>15,752</b>	<b>32,189</b>	<b>167,925</b>
<b>Alaska Total</b>	<b>720,502</b>	<b>969,937</b>	<b>907,757</b>	<b>1,097,22</b>	<b>909,089</b>	<b>1,036,56</b>	<b>1,038,85</b>	<b>1,052,08</b>	<b>1,096,61</b>	<b>911,328</b>	<b>1,244,30</b>	<b>2,850,18</b>

**Statewide**



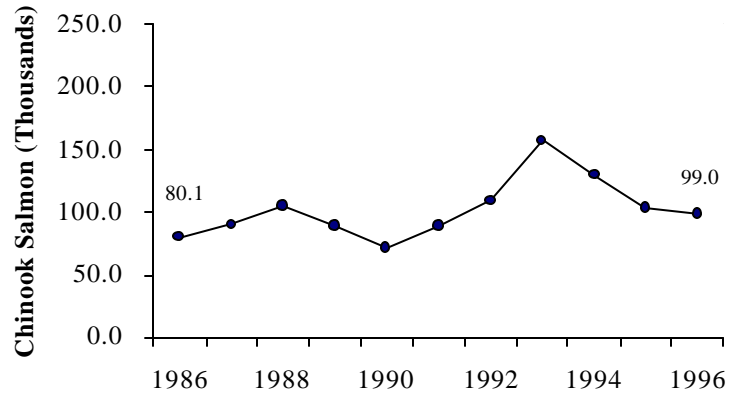
**Years**

**Southeast**



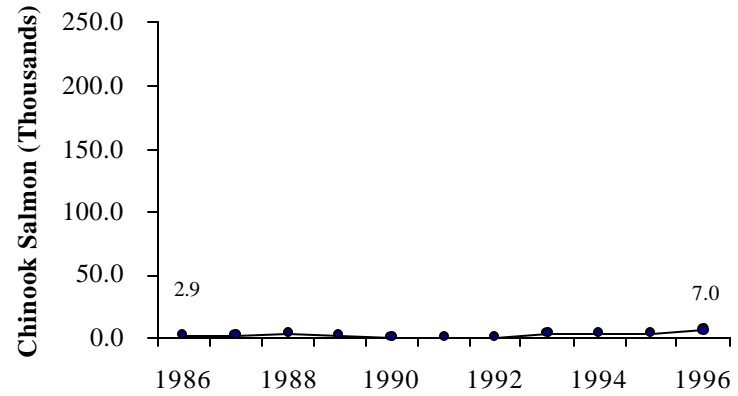
**Years**

**Southcentral**



**Years**

**Arctic-Yukon-Kuskokwim**

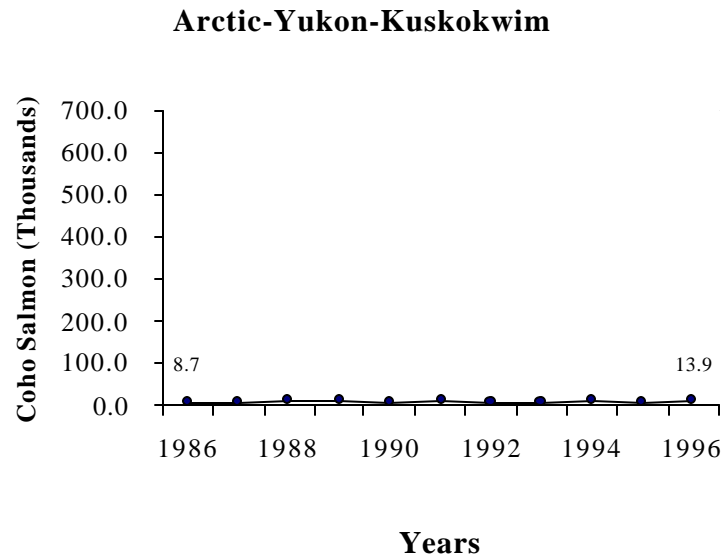
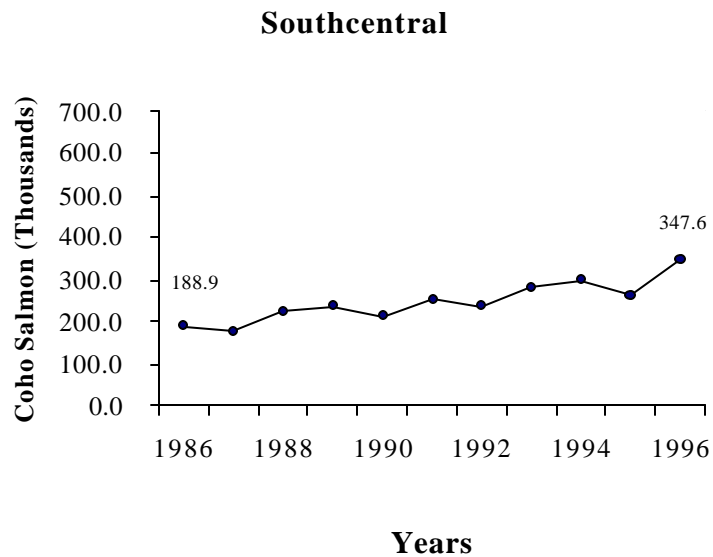
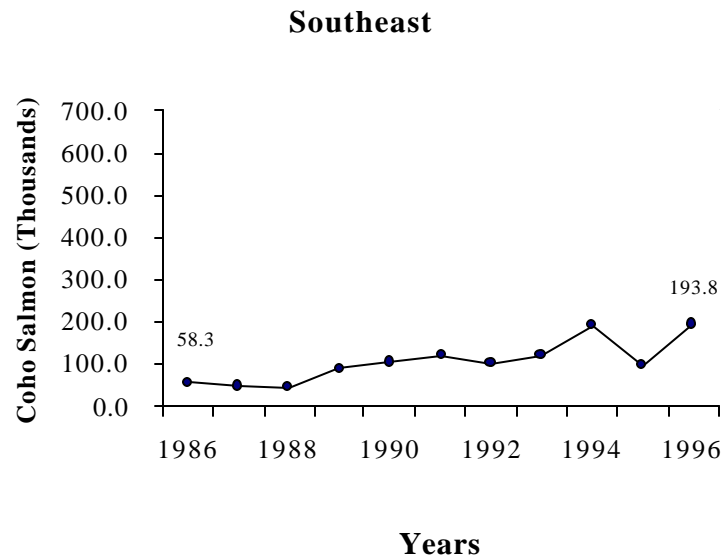
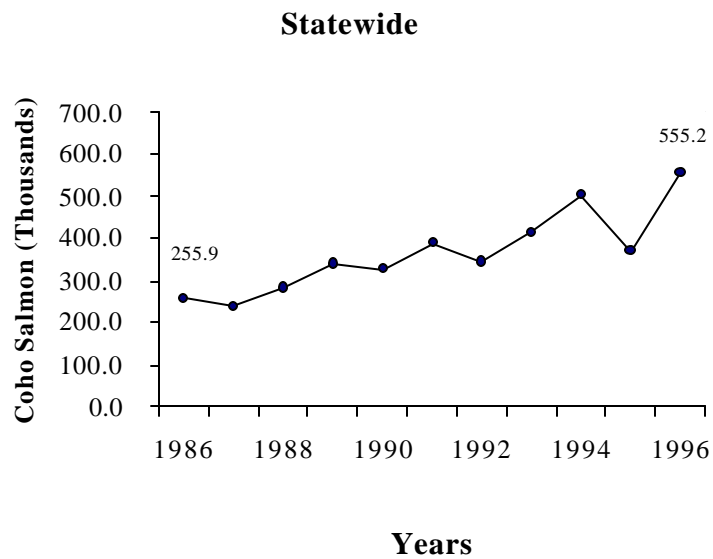


**Years**

**Appendix A22.-Alaska sport sea-run chinook salmon harvests, statewide and by region, 1986-1996.**

**Appendix A23.-Alaska sport sea-run chinook salmon harvests, 1986-1996, and catch, 1996, by region and area.**

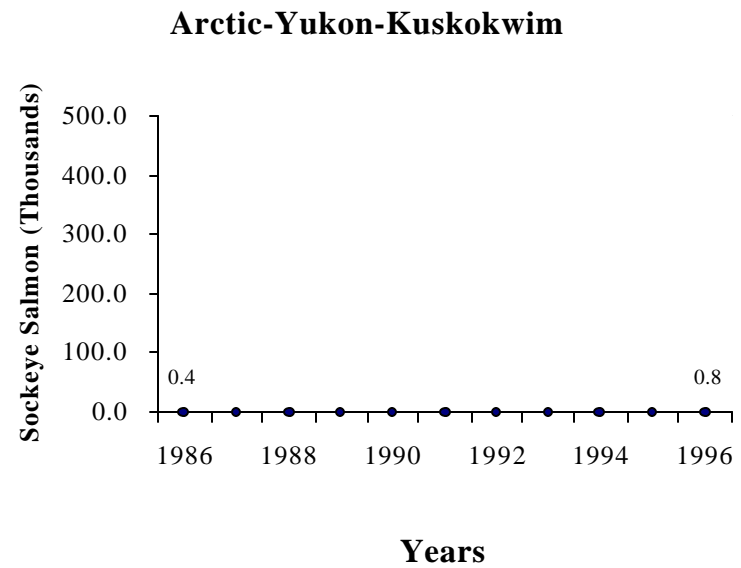
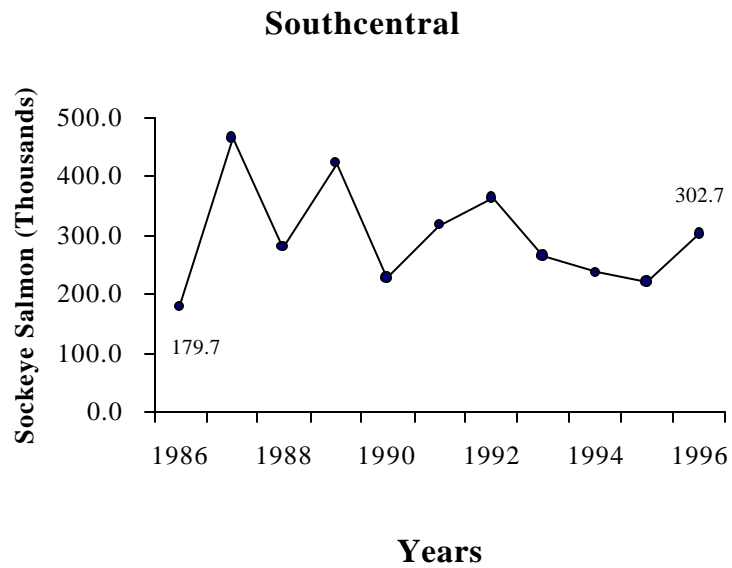
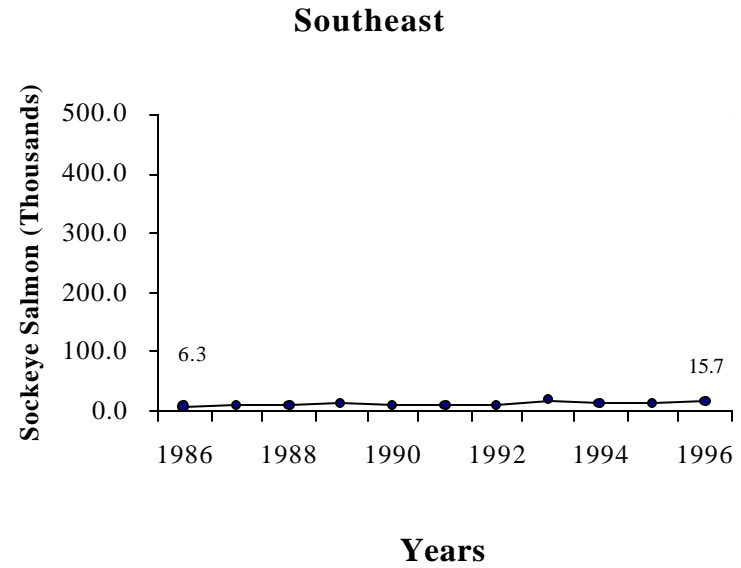
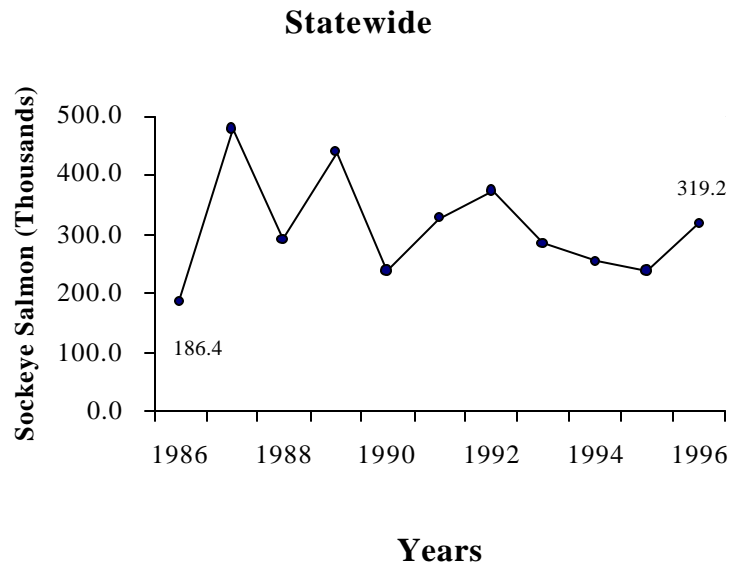
Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	6,197	5,826	7,422	7,642	12,784	11,887	8,010	6,028	5,448	3,543	5,437	15,596
Prince of Wales Island	987	649	1,135	2,599	5,564	6,749	4,381	8,367	7,006	9,063	6,833	12,438
Kake, Petersburg, Wrangell, Stikine	3,906	3,534	4,668	4,702	10,185	8,011	5,746	6,132	4,217	4,085	5,039	8,489
Sitka	1,902	2,537	3,539	5,569	8,041	13,243	11,139	13,464	12,263	17,342	19,743	34,612
Juneau	7,213	9,857	7,884	9,375	12,349	16,914	11,886	13,118	11,407	11,428	14,684	31,703
Haines-Skagway	2,054	1,419	789	758	1,809	679	181	844	636	1,243	777	1,735
Glacier Bay	183	258	438	344	369	2,385	1,071	716	576	895	1,384	3,044
Yakutat	109	244	285	82	117	624	478	577	812	2,068	3,612	7,824
<b>Total</b>	<b>22,551</b>	<b>24,324</b>	<b>26,160</b>	<b>31,071</b>	<b>51,218</b>	<b>60,492</b>	<b>42,892</b>	<b>49,246</b>	<b>42,365</b>	<b>49,667</b>	<b>57,509</b>	<b>115,441</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	3,663	2,301	1,562	2,356	2,302	4,884	4,412	8,217	6,431	6,709	9,116	27,195
Prince William Sound	502	865	443	1,093	418	477	1,116	1,344	1,724	977	2,027	2,432
Knik Arm Drainage	1,524	2,476	2,916	4,341	2,022	2,277	3,969	3,602	4,303	1,707	1,579	3,745
Anchorage	33	485	663	950	457	1,169	2,448	3,041	2,708	4,054	4,456	11,187
East Susitna River Drainage	8,569	8,603	9,139	9,783	9,423	9,083	21,307	22,688	14,970	7,872	11,023	33,726
West Cook Inlet-West Susitna River Drainages	15,892	15,186	17,940	22,415	19,568	22,762	20,035	23,354	12,231	7,300	7,429	26,589
Kenai Peninsula	36,417	42,336	60,033	34,934	27,314	33,622	43,519	78,407	65,092	59,319	47,133	94,201
Kodiak	520	379	1,564	1,087	996	2,508	2,217	5,092	3,166	2,622	4,631	17,634
Naknek River Drainage-Alaska Peninsula	6,650	10,227	6,654	4,706	3,736	3,546	3,728	3,471	5,197	4,688	3,891	13,287
Kvichak River Drainage	782	2,214	93	2,143	683	900	1,249	1,906	1,308	1,293	1,145	5,411
Nushagak	5,519	4,813	3,467	4,445	3,966	6,737	5,338	6,501	12,346	6,008	6,553	48,581
<b>Total</b>	<b>80,071</b>	<b>89,885</b>	<b>104,474</b>	<b>88,253</b>	<b>70,885</b>	<b>87,965</b>	<b>109,338</b>	<b>157,623</b>	<b>129,476</b>	<b>102,549</b>	<b>98,983</b>	<b>283,988</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	781	502	853	963	439	630	118	1,573	1,871	2,488	3,745	10,764
Kuskokwim-Goodnews Drainages	987	981	2,456	2,147	897	786	1,046	1,674	2,148	1,328	2,542	21,217
Seward Peninsula-Norton Sound Drainages	1,077	615	400	203	364	404	204	595	600	438	662	2,421
Northwest Alaska Drainages	0	95	18	0	0	0	8	0	0	0	0	11
Yukon River Drainages	15	0	91	100	105	143	313	122	410	37	128	2,785
North Slope Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2,860</b>	<b>2,193</b>	<b>3,818</b>	<b>3,413</b>	<b>1,805</b>	<b>1,963</b>	<b>1,689</b>	<b>3,964</b>	<b>5,029</b>	<b>4,291</b>	<b>7,077</b>	<b>37,198</b>
<b>Alaska Total</b>	<b>105,482</b>	<b>116,402</b>	<b>134,452</b>	<b>122,737</b>	<b>123,908</b>	<b>150,420</b>	<b>153,919</b>	<b>210,833</b>	<b>176,870</b>	<b>156,507</b>	<b>163,569</b>	<b>436,627</b>



Appendix A24.-Alaska sport sea-run coho salmon harvests, statewide and by region, 1986-1996.

**Appendix A25.-Alaska sport sea-run coho salmon harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	21,191	13,435	7,785	13,328	35,197	26,839	22,016	19,459	34,755	16,583	47,911	60,012
Prince of Wales Island	8,639	6,557	3,094	15,099	17,049	24,964	13,419	40,566	26,411	16,645	53,792	67,553
Kake, Petersburg, Wrangell, Stikine	2,215	2,540	2,581	2,602	5,387	5,117	4,967	4,241	14,008	5,811	6,640	10,139
Sitka	4,077	2,715	2,745	8,291	7,808	11,474	9,167	14,518	42,878	16,614	35,892	48,112
Juneau	12,959	19,485	20,862	39,063	33,961	40,269	40,170	30,428	57,127	30,396	32,472	42,799
Haines-Skagway	2,420	1,521	1,673	2,047	1,498	3,678	3,067	3,133	1,996	2,097	1,821	3,328
Glacier Bay	391	1,044	1,345	2,376	1,746	5,653	1,507	2,720	6,811	2,976	4,667	6,218
Yakutat	6,430	2,987	3,603	7,983	2,566	5,952	5,626	6,809	7,874	6,006	10,563	31,866
<b>Total</b>	<b>58,322</b>	<b>50,284</b>	<b>43,688</b>	<b>90,789</b>	<b>105,212</b>	<b>123,946</b>	<b>99,939</b>	<b>121,874</b>	<b>191,860</b>	<b>97,128</b>	<b>193,758</b>	<b>270,027</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	202	330	291	18	0	69	113	249	209	160	192	502
Prince William Sound	16,098	16,680	19,262	25,631	26,639	19,783	25,259	21,793	30,573	47,116	59,934	103,637
Knik Arm Drainage	12,361	25,787	40,037	23,846	18,762	22,186	25,814	35,763	28,539	20,650	24,874	35,134
Anchorage	3,419	2,915	6,639	4,734	2,488	4,393	5,698	16,387	13,948	13,267	17,795	27,726
East Susitna River Drainage	16,190	11,028	19,518	17,078	11,743	19,479	33,790	26,063	20,870	19,165	24,174	38,363
West Cook Inlet-West Susitna River Drainages	17,998	17,982	23,740	26,725	20,219	29,518	23,748	26,712	23,169	28,420	31,315	59,759
Kenai Peninsula	86,263	76,106	87,238	104,026	107,519	132,765	100,848	130,207	158,618	113,870	154,686	206,062
Kodiak	20,873	16,915	18,809	19,802	13,728	17,506	13,668	21,241	12,406	13,236	16,033	46,884
Naknek River Drainage-Alaska Peninsula	6,940	5,670	7,089	7,850	10,276	6,025	6,124	3,253	7,053	4,680	9,880	23,327
Kvichak River Drainage	2,991	1,695	1,022	2,142	1,162	1,510	655	1,519	1,863	1,396	2,249	15,523
Nushagak	5,537	1,602	2,167	5,303	1,578	1,727	1,487	681	2,601	1,789	6,435	35,930
<b>Total</b>	<b>188,872</b>	<b>176,710</b>	<b>225,812</b>	<b>237,155</b>	<b>214,114</b>	<b>254,961</b>	<b>237,204</b>	<b>283,868</b>	<b>299,849</b>	<b>263,749</b>	<b>347,567</b>	<b>592,847</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	1,374	1,231	2,237	1,596	1,719	2,345	1,115	278	1,165	1,116	1,354	5,549
Kuskokwim-Goodnews Drainages	3,232	4,819	4,492	4,282	1,358	2,087	2,033	2,056	2,978	2,771	4,756	34,170
Seward Peninsula-Norton Sound Drainages	3,926	2,319	5,038	4,158	3,305	5,800	4,671	3,783	5,547	3,705	7,289	12,473
Northwest Alaska Drainages	0	11	0	0	0	0	0	9	0	0	40	40
Yukon River Drainages	161	61	183	215	228	430	551	619	728	162	432	813
North Slope Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>8,693</b>	<b>8,441</b>	<b>11,950</b>	<b>10,251</b>	<b>6,610</b>	<b>10,662</b>	<b>8,370</b>	<b>6,745</b>	<b>10,418</b>	<b>7,754</b>	<b>13,871</b>	<b>53,045</b>
<b>Alaska Total</b>	<b>255,887</b>	<b>235,435</b>	<b>281,450</b>	<b>338,195</b>	<b>325,936</b>	<b>389,569</b>	<b>345,513</b>	<b>412,487</b>	<b>502,127</b>	<b>368,631</b>	<b>555,196</b>	<b>915,919</b>

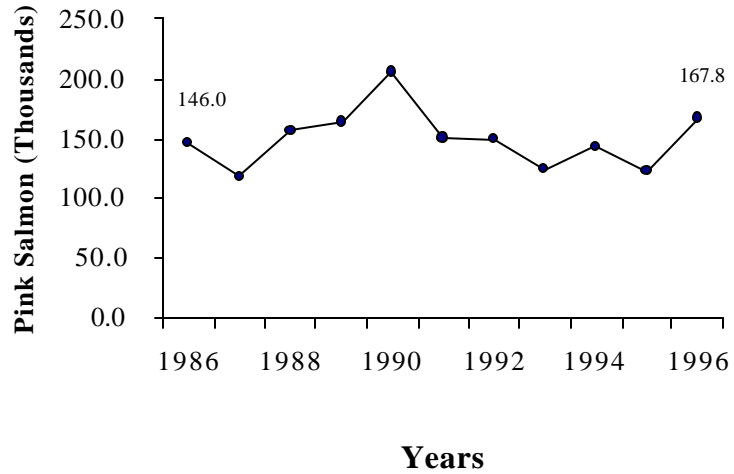


Appendix A26.-Alaska sport sockeye salmon harvests, statewide and by region, 1986-1996.

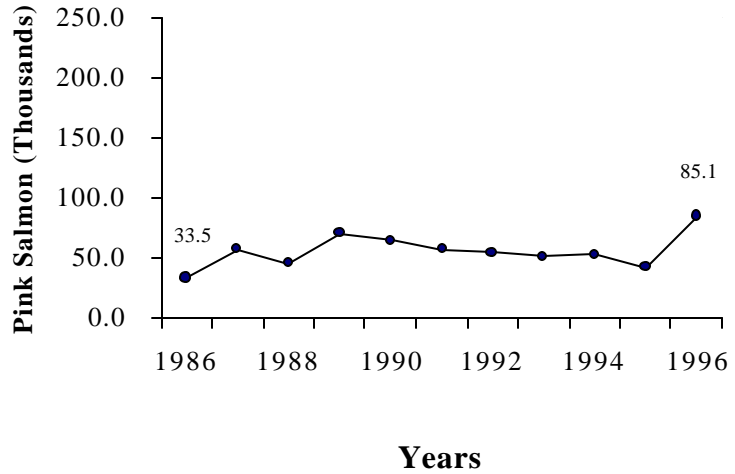
**Appendix A27.-Alaska sport sockeye salmon harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	648	1,135	327	1,010	1,134	2,480	1,313	1,057	2,317	1,577	1,745	3,630
Prince of Wales Island	963	2,333	1,729	3,332	1,402	1,021	1,740	3,591	2,186	1,979	1,765	6,340
Kake, Petersburg, Wrangell, Stikine	153	111	163	1,001	488	612	1,133	1,208	521	1,071	690	1,348
Sitka	366	447	3,147	2,148	1,344	810	434	1,126	2,138	1,579	3,041	3,835
Juneau	480	321	436	1,461	974	1,017	985	2,530	1,419	1,958	1,106	3,535
Haines-Skagway	3,135	2,970	672	1,692	3,062	1,272	1,436	538	538	506	902	2,365
Glacier Bay	11	264	510	216	21	132	379	314	93	696	327	598
Yakutat	544	1,793	727	2,254	1,423	2,371	1,898	7,055	3,811	4,125	6,133	14,753
<b>Total</b>	<b>6,300</b>	<b>9,374</b>	<b>7,711</b>	<b>13,114</b>	<b>9,848</b>	<b>9,715</b>	<b>9,318</b>	<b>17,419</b>	<b>13,023</b>	<b>13,491</b>	<b>15,709</b>	<b>36,404</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	4,137	4,876	3,038	4,509	3,569	5,511	4,560	5,288	6,533	6,068	11,851	25,265
Prince William Sound	4,878	4,889	4,783	3,939	3,562	3,792	8,358	5,269	6,948	3,711	5,496	12,058
Knik Arm Drainage	6,009	8,785	8,076	9,040	6,588	4,968	5,349	5,926	5,082	4,349	4,307	8,451
Anchorage	603	1,431	472	564	244	749	1,315	3,085	1,594	381	884	2,349
East Susitna River Drainage	4,029	2,046	2,857	2,527	2,677	2,897	3,468	4,137	3,443	3,682	2,675	6,097
West Cook Inlet-West Susitna River Drainages	4,165	2,916	3,640	3,009	2,634	3,887	3,367	4,577	4,011	3,722	4,340	11,242
Kenai Peninsula	144,930	427,856	242,557	354,981	185,711	270,424	312,302	201,909	176,462	171,850	251,963	392,613
Kodiak	5,259	4,165	6,222	6,789	6,056	4,937	6,240	7,849	12,502	7,994	7,848	18,929
Naknek River Drainage-Alaska Peninsula	1,769	2,391	4,920	9,515	4,754	4,225	4,699	5,060	3,169	3,817	3,246	16,447
Kvichak River Drainage	1,156	7,193	4,334	24,295	11,002	13,341	11,746	19,671	16,223	16,808	7,318	31,287
Nushagak	2,774	957	929	4,133	1,655	1,970	1,652	2,746	1,703	976	2,750	17,307
<b>Total</b>	<b>179,709</b>	<b>467,505</b>	<b>281,828</b>	<b>423,301</b>	<b>228,452</b>	<b>316,701</b>	<b>363,056</b>	<b>265,517</b>	<b>237,670</b>	<b>223,358</b>	<b>302,678</b>	<b>542,045</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim-Goodnews Drainages	420	419	746	291	620	214	189	715	894	277	687	9,326
Seward Peninsula-Norton Sound Drainages	19	924	782	165	198	237	131	10	18	104	100	268
Northwest Alaska Drainages	0	21	0	0	0	0	0	0	0	0	0	46
Yukon River Drainages	0	0	0	0	0	180	58	0	0	0	0	0
North Slope Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>439</b>	<b>1,364</b>	<b>1,528</b>	<b>456</b>	<b>818</b>	<b>631</b>	<b>378</b>	<b>725</b>	<b>912</b>	<b>381</b>	<b>787</b>	<b>9,640</b>
<b>Alaska Total</b>	<b>186,448</b>	<b>478,243</b>	<b>291,067</b>	<b>436,871</b>	<b>239,118</b>	<b>327,047</b>	<b>372,752</b>	<b>283,661</b>	<b>251,605</b>	<b>237,230</b>	<b>319,174</b>	<b>588,089</b>

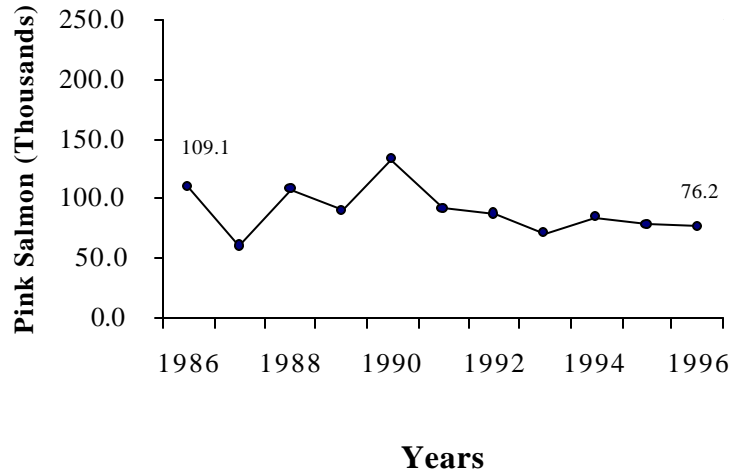
**Statewide**



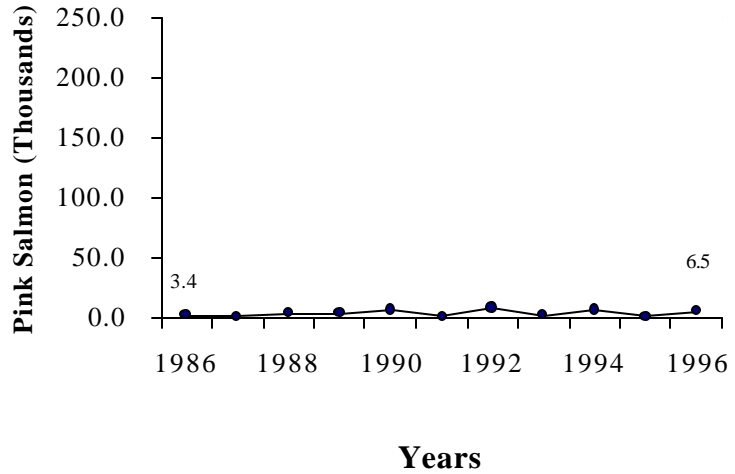
**Southeast**



**Southcentral**



**Arctic-Yukon-Kuskokwim**

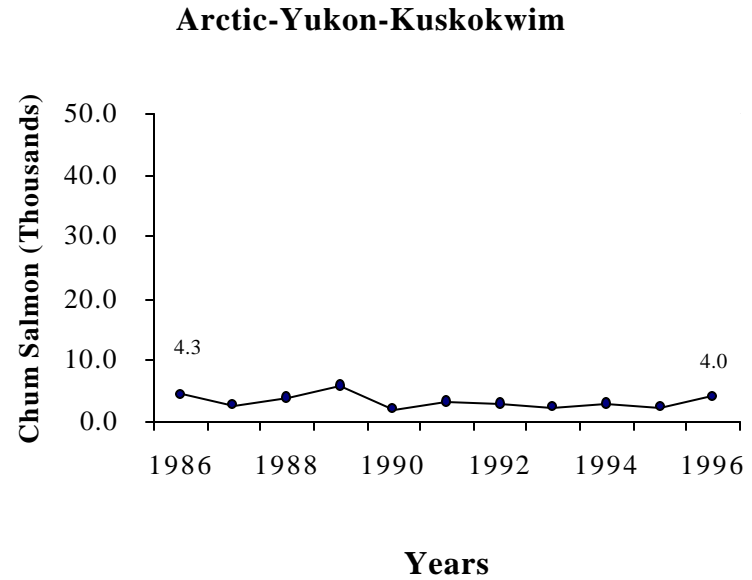
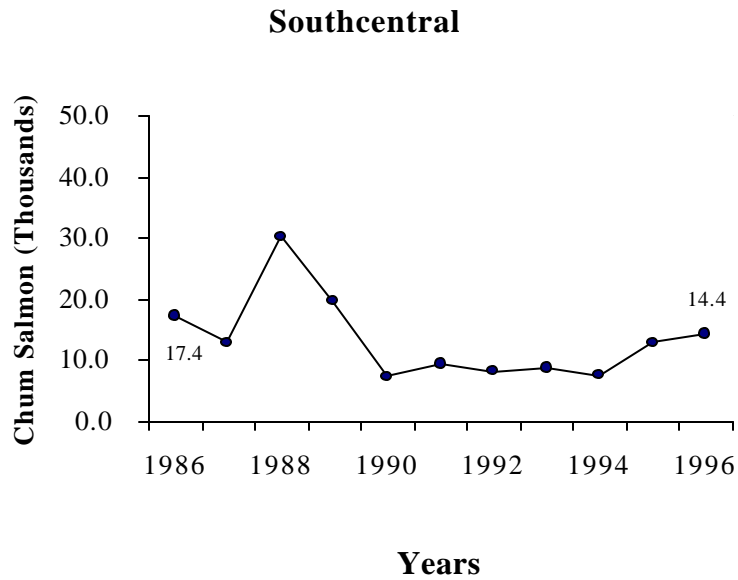
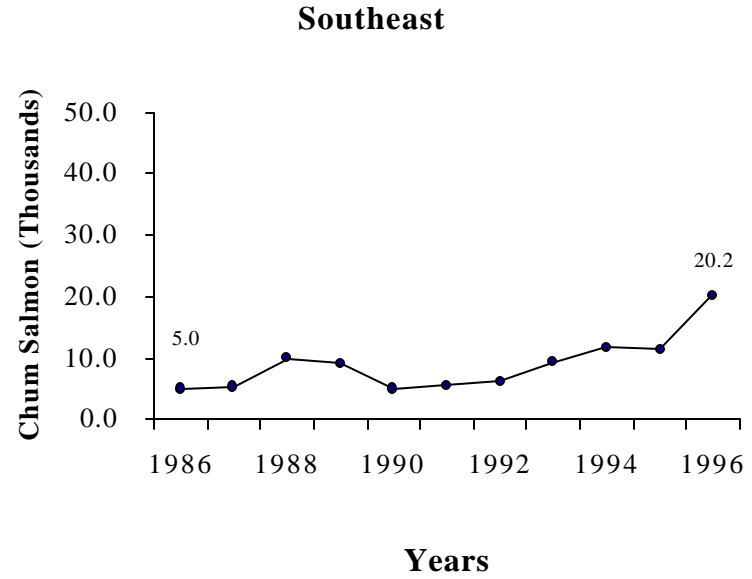
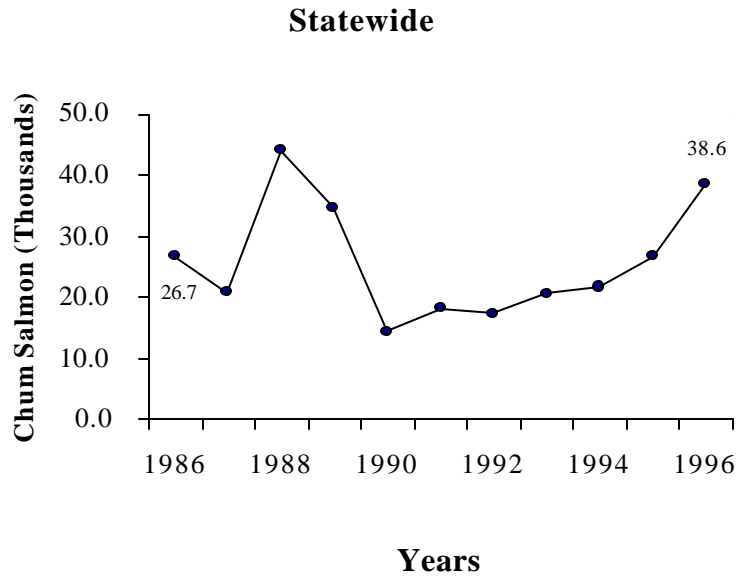


**Appendix A28.-Alaska sport pink salmon harvests, statewide and by region, 1986-1996.**



**Appendix A29.-Alaska sport pink salmon harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	14,958	14,765	12,896	25,174	15,246	21,964	18,510	19,651	15,028	18,148	43,082	97,663
Prince of Wales Island	3,424	5,064	2,567	10,338	4,847	5,063	3,699	14,817	4,855	6,467	16,678	64,916
Kake, Petersburg, Wrangell, Stikine	488	2,533	601	2,420	3,426	1,889	2,058	955	1,178	1,614	1,420	7,364
Sitka	3,676	3,235	2,709	3,694	3,083	4,476	2,699	3,376	4,266	5,466	9,860	35,598
Juneau	8,487	25,543	18,082	22,488	22,385	14,998	21,411	9,216	20,060	8,373	8,261	31,264
Haines-Skagway	1,568	4,764	7,096	3,201	15,362	3,171	3,811	360	5,036	629	3,054	8,586
Glacier Bay	168	703	1,000	2,913	637	5,358	1,556	2,612	1,739	1,620	1,312	3,419
Yakutat	714	453	72	594	222	940	357	449	101	641	1,392	5,067
<b>Total</b>	<b>33,483</b>	<b>57,060</b>	<b>45,023</b>	<b>70,822</b>	<b>65,208</b>	<b>57,859</b>	<b>54,101</b>	<b>51,436</b>	<b>52,263</b>	<b>42,958</b>	<b>85,059</b>	<b>253,877</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Prince William Sound	25,272	31,382	31,470	37,994	49,146	52,290	32,011	35,735	51,538	46,944	31,052	104,721
Knik Arm Drainage	1,800	886	1,927	1,321	650	926	1,044	230	635	409	961	5,934
Anchorage	11,528	2,282	5,075	1,631	4,932	1,986	8,901	2,767	1,979	3,099	2,862	19,189
East Susitna River Drainage	10,527	2,209	4,129	2,715	4,093	2,001	5,899	3,941	1,968	2,311	3,890	38,032
West Cook Inlet-West Susitna River Drainages	3,676	1,684	2,637	1,255	1,298	623	1,446	725	1,301	428	620	15,037
Kenai Peninsula	35,398	8,581	26,980	15,377	41,257	12,280	24,407	11,601	20,202	11,726	27,259	124,847
Kodiak	14,509	11,662	19,044	17,794	7,464	12,071	5,904	12,324	5,336	11,926	7,076	39,793
Naknek River Drainage-Alaska Peninsula	5,926	1,893	16,336	11,359	23,178	8,891	6,137	3,331	1,283	1,350	1,354	9,256
Kvichak River Drainage	204	0	62	277	235	423	750	215	105	28	643	22,574
Nushagak	233	109	217	468	147	101	338	0	302	153	530	4,609
<b>Total</b>	<b>109,073</b>	<b>60,688</b>	<b>107,877</b>	<b>90,191</b>	<b>132,400</b>	<b>91,592</b>	<b>86,837</b>	<b>70,869</b>	<b>84,649</b>	<b>78,374</b>	<b>76,247</b>	<b>383,992</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim-Goodnews Drainages	72	18	892	191	347	36	219	27	126	16	486	8,101
Seward Peninsula-Norton Sound Drainages	3,172	1,304	2,912	3,564	7,647	1,738	7,877	2,250	7,051	928	5,972	16,038
Northwest Alaska Drainages	62	0	0	10	0	91	293	0	51	38	10	32
Yukon River Drainages	98	0	0	0	0	0	27	0	0	0	30	964
North Slope Brooks Range Drainages	0	0	55	0	0	0	18	0	0	0	0	27
<b>Total</b>	<b>3,404</b>	<b>1,322</b>	<b>3,859</b>	<b>3,765</b>	<b>7,994</b>	<b>1,865</b>	<b>8,434</b>	<b>2,277</b>	<b>7,228</b>	<b>982</b>	<b>6,498</b>	<b>25,162</b>
<b>Alaska Total</b>	<b>145,960</b>	<b>119,070</b>	<b>156,759</b>	<b>164,778</b>	<b>205,602</b>	<b>151,316</b>	<b>149,372</b>	<b>124,582</b>	<b>144,140</b>	<b>122,314</b>	<b>167,804</b>	<b>663,031</b>



Appendix A30.-Alaska sport chum salmon harvests, statewide and by region, 1986-1996.

**Appendix A31.-Alaska sport chum salmon harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	1,394	389	2,164	1,966	872	1,168	1,268	1,882	2,876	3,581	4,647	8,565
Prince of Wales Island	696	48	819	640	234	326	207	961	780	676	1,713	5,253
Kake, Petersburg, Wrangell, Stikine	116	144	163	614	178	207	321	140	123	386	429	1,838
Sitka	613	367	1,312	1,541	762	373	459	2,038	2,070	1,648	6,479	17,364
Juneau	1,296	2,247	4,147	3,260	2,218	2,741	3,147	3,453	5,084	4,622	5,869	30,832
Haines-Skagway	884	1,683	854	675	637	420	213	725	433	215	625	2,758
Glacier Bay	22	275	163	166	49	260	426	112	195	233	423	815
Yakutat	11	54	291	70	12	98	0	69	0	77	11	33
<b>Total</b>	<b>5,032</b>	<b>5,207</b>	<b>9,913</b>	<b>8,932</b>	<b>4,962</b>	<b>5,593</b>	<b>6,041</b>	<b>9,380</b>	<b>11,561</b>	<b>11,438</b>	<b>20,196</b>	<b>67,458</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Prince William Sound	2,858	1,894	7,237	3,635	1,945	1,622	964	2,018	1,327	1,112	2,080	15,376
Knik Arm Drainage	3,770	2,574	5,221	4,477	746	1,099	510	885	1,356	4,115	1,681	9,271
Anchorage	982	579	691	985	315	360	297	383	174	439	607	4,522
East Susitna River Drainage	4,756	3,042	6,604	4,151	1,565	1,950	2,044	1,480	1,269	3,234	2,808	31,884
West Cook Inlet-West Susitna River Drainages	828	778	1,583	469	281	225	456	179	341	645	495	7,084
Kenai Peninsula	2,639	2,334	5,467	2,925	1,111	1,065	1,605	1,416	961	687	2,811	10,830
Kodiak	336	560	1,546	631	191	1,517	625	504	290	981	1,616	7,205
Naknek River Drainage-Alaska Peninsula	653	614	929	832	460	607	532	426	179	409	387	9,958
Kvichak River Drainage	68	246	62	428	300	556	486	595	340	564	373	16,183
Nushagak	467	191	1,084	1,300	503	457	746	807	1,319	678	1,555	23,867
<b>Total</b>	<b>17,357</b>	<b>12,812</b>	<b>30,424</b>	<b>19,833</b>	<b>7,417</b>	<b>9,458</b>	<b>8,265</b>	<b>8,693</b>	<b>7,556</b>	<b>12,864</b>	<b>14,413</b>	<b>136,180</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	693	620	491	1,134	55	588	690	371	260	985	1,880	10,002
Kuskokwim-Goodnews Drainages	973	656	836	2,213	749	647	927	731	1,626	455	761	23,217
Seward Peninsula-Norton Sound Drainages	1,719	814	1,583	1,497	925	1,415	523	691	536	394	662	4,675
Northwest Alaska Drainages	749	402	236	41	0	59	220	443	248	321	576	4,183
Yukon River Drainages	202	226	546	997	417	449	618	193	90	189	66	792
North Slope Brooks Range Drainages	0	50	0	0	0	0	15	17	0	0	11	11
<b>Total</b>	<b>4,336</b>	<b>2,768</b>	<b>3,692</b>	<b>5,882</b>	<b>2,146</b>	<b>3,158</b>	<b>2,993</b>	<b>2,446</b>	<b>2,760</b>	<b>2,344</b>	<b>3,956</b>	<b>42,880</b>
<b>Alaska Total</b>	<b>26,725</b>	<b>20,787</b>	<b>44,029</b>	<b>34,647</b>	<b>14,525</b>	<b>18,209</b>	<b>17,299</b>	<b>20,519</b>	<b>21,877</b>	<b>26,646</b>	<b>38,565</b>	<b>246,518</b>

**Appendix A32.-Alaska sport landlocked coho salmon and chinook salmon harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
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
Take, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	0	0	0	0	0	0
Sitka	0	0	0	0	0	0	0	0	0	0	0	0
Juneau	56	0	728	528	413	1,222	1,536	1,454	717	48	36	485
Haines-Skagway	0	0	0	0	0	0	0	0	0	0	0	0
Glacier Bay	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
<b>Total</b>	<b>56</b>	<b>0</b>	<b>728</b>	<b>528</b>	<b>413</b>	<b>1,222</b>	<b>1,536</b>	<b>1,454</b>	<b>717</b>	<b>48</b>	<b>36</b>	<b>485</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	89	0	109	281	17	111	433	56	134	42	751	1,244
Prince William Sound	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	14,299	14,887	16,588	11,041	15,950	15,740	11,875	13,829	14,153	7,285	21,364	29,130
Anchorage	749	2,263	4,364	14,483	6,775	10,817	13,985	17,489	13,280	6,034	13,280	32,682
East Susitna River Drainage	2,106	145	619	536	151	14	86	738	45	33	1,986	2,495
West Cook Inlet-West Susitna River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula	2,202	2,401	2,929	1,154	530	1,770	4,758	4,882	3,065	686	3,385	8,136
Kodiak	0	434	0	60	52	0	151	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
<b>Total</b>	<b>19,445</b>	<b>20,130</b>	<b>24,609</b>	<b>27,555</b>	<b>23,475</b>	<b>28,452</b>	<b>31,288</b>	<b>36,994</b>	<b>30,677</b>	<b>14,080</b>	<b>40,766</b>	<b>73,687</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	24,061	26,566	32,342	18,614	13,943	22,125	14,019	15,734	10,350	8,198	13,640	34,720
Kuskokwim-Goodnews Drainages	0	58	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
<b>Total</b>	<b>24,061</b>	<b>26,624</b>	<b>32,342</b>	<b>18,614</b>	<b>13,943</b>	<b>22,125</b>	<b>14,019</b>	<b>15,734</b>	<b>10,350</b>	<b>8,198</b>	<b>13,640</b>	<b>34,720</b>
<b>Alaska Total</b>	<b>43,562</b>	<b>46,754</b>	<b>57,679</b>	<b>46,697</b>	<b>37,831</b>	<b>51,799</b>	<b>46,843</b>	<b>54,182</b>	<b>41,744</b>	<b>22,326</b>	<b>54,442</b>	<b>108,892</b>

**Appendix A33.-Alaska sport kokanee salmon harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	56	18	0	26	16	279	0	15	45	0	0	0
Prince of Wales Island	0	0	0	42	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	0	0	0	22	0	0	0	0	0
Sitka	31	0	55	0	17	0	0	0	0	0	0	0
Juneau	78	349	364	239	0	47	379	191	15	0	76	641
Haines-Skagway	92	18	55	213	66	36	368	0	0	0	0	0
Glacier Bay	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
<b>Total</b>	<b>257</b>	<b>385</b>	<b>474</b>	<b>520</b>	<b>99</b>	<b>362</b>	<b>769</b>	<b>206</b>	<b>60</b>	<b>0</b>	<b>76</b>	<b>641</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	0	75	637	169	153	0	0	98	54	17	0	0
Prince William Sound	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	0	0	0	227	0	170	22	0	0	0	0	0
Anchorage	827	561	186	122	0	0	0	0	0	0	0	0
East Susitna River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet-West Susitna River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula	810	1,263	1,146	162	541	1,577	767	396	604	125	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	726	682	18	1,527	1,278	3,982	736	3,503	29	67	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
<b>Total</b>	<b>2,363</b>	<b>2,581</b>	<b>1,987</b>	<b>2,207</b>	<b>1,972</b>	<b>5,729</b>	<b>1,525</b>	<b>3,997</b>	<b>687</b>	<b>209</b>	<b>0</b>	<b>0</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	0	0	0	0	0	185	184	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
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>185</b>	<b>184</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Alaska Total</b>	<b>2,620</b>	<b>2,966</b>	<b>2,461</b>	<b>2,727</b>	<b>2,071</b>	<b>6,276</b>	<b>2,478</b>	<b>4,203</b>	<b>747</b>	<b>209</b>	<b>76</b>	<b>641</b>

**Appendix A34.-Alaska sport steelhead harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	1,002	737	1,400	1,654	1,423	793	786	69	98	17	11	1,185
Prince of Wales Island	1,834	1,950	831	1,277	789	1,666	739	260	136	82	0	1,108
Kake, Petersburg, Wrangell, Stikine	865	848	756	609	1,046	394	390	351	233	68	35	869
Sitka	145	270	64	193	153	388	156	243	122	18	24	48
Juneau	206	382	265	280	240	400	258	258	47	0	24	809
Haines-Skagway	168	36	123	142	32	253	24	28	0	0	11	75
Glacier Bay	8	0	0	42	0	173	31	19	7	0	0	24
Yakutat	494	454	870	1,212	591	565	55	21	42	48	54	16,273
<b>Total</b>	<b>4,722</b>	<b>4,677</b>	<b>4,309</b>	<b>5,409</b>	<b>4,274</b>	<b>4,632</b>	<b>2,439</b>	<b>1,249</b>	<b>685</b>	<b>233</b>	<b>159</b>	<b>20,391</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	58	134	91	84	34	114	8	0	7	10	0	121
Prince William Sound	15	0	18	39	0	0	0	0	0	0	0	206
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
East Susitna River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet-West Susitna River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula	734	850	1,017	67	217	36	606	2,237	1,445	700	36	9,377
Kodiak	321	253	853	788	1,120	327	96	332	209	94	217	10,041
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
<b>Total</b>	<b>1,128</b>	<b>1,237</b>	<b>1,979</b>	<b>978</b>	<b>1,371</b>	<b>477</b>	<b>710</b>	<b>2,569</b>	<b>1,661</b>	<b>804</b>	<b>253</b>	<b>19,745</b>
<b>Arctic-Yukon-Kuskokwim</b>												
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
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Alaska Total</b>	<b>5,850</b>	<b>5,914</b>	<b>6,288</b>	<b>6,387</b>	<b>5,645</b>	<b>5,109</b>	<b>3,149</b>	<b>3,818</b>	<b>2,346</b>	<b>1,037</b>	<b>412</b>	<b>40,136</b>

**Appendix A35.-Alaska sport rainbow trout harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	1,353	923	1,710	2,201	1,199	962	641	1,346	627	506	319	2,478
Prince of Wales Island	1,061	1,271	1,145	2,963	707	1,958	667	703	735	832	323	2,581
Kake, Petersburg, Wrangell, Stikine	1,069	1,026	782	197	1,014	583	601	417	297	85	105	866
Sitka	1,198	1,284	1,363	1,282	970	1,596	1,932	1,288	378	94	988	5,641
Juneau	213	298	491	229	241	46	372	167	0	0	96	1,148
Haines-Skagway	1,267	0	200	182	32	34	79	192	57	19	0	0
Glacier Bay	69	11	36	0	17	22	0	0	38	0	0	0
Yakutat	14	72	200	31	24	151	0	77	46	119	80	711
<b>Total</b>	<b>6,244</b>	<b>4,885</b>	<b>5,927</b>	<b>7,085</b>	<b>4,204</b>	<b>5,352</b>	<b>4,292</b>	<b>4,190</b>	<b>2,178</b>	<b>1,655</b>	<b>1,911</b>	<b>13,425</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	8,510	7,838	6,695	5,835	3,924	6,868	9,373	7,245	5,808	4,671	5,076	19,935
Prince William Sound	107	126	109	677	392	627	318	136	457	777	336	1,714
Knik Arm Drainage	27,690	24,663	58,609	44,518	30,699	39,636	27,995	21,565	22,446	14,878	21,780	80,757
Anchorage	39,864	35,259	59,864	53,197	58,435	49,303	33,317	29,112	23,631	32,874	36,148	139,058
East Susitna River Drainage	8,061	6,647	7,622	4,972	5,008	7,854	3,948	3,713	3,658	3,138	2,510	24,808
West Cook Inlet-West Susitna River Drainages	6,891	8,599	8,731	5,472	4,432	5,054	2,218	2,672	2,719	1,868	2,363	35,181
Kenai Peninsula	16,923	10,495	10,313	7,793	14,881	12,541	16,356	14,652	14,061	14,173	9,891	129,362
Kodiak	841	1,448	855	1,534	1,484	1,296	1,179	374	765	283	466	4,469
Naknek River Drainage-Alaska Peninsula	3,311	1,969	1,491	1,109	897	1,664	1,102	1,068	824	667	1,020	45,265
Kvichak River Drainage	1,326	2,247	344	977	1,462	1,590	562	898	984	613	610	108,487
Nushagak	1,313	2,106	1,327	1,360	1,373	1,059	1,362	877	1,031	1,030	1,614	48,818
<b>Total</b>	<b>114,837</b>	<b>101,397</b>	<b>155,960</b>	<b>127,444</b>	<b>122,987</b>	<b>127,492</b>	<b>97,730</b>	<b>82,312</b>	<b>76,384</b>	<b>74,972</b>	<b>81,814</b>	<b>637,854</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	31,270	31,824	78,345	74,675	64,143	72,024	37,547	49,693	33,400	35,625	48,975	141,786
Kuskokwim-Goodnews Drainages	504	592	1,599	757	475	774	404	486	299	429	529	16,823
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
<b>Total</b>	<b>31,774</b>	<b>32,416</b>	<b>79,944</b>	<b>75,432</b>	<b>64,618</b>	<b>72,798</b>	<b>37,951</b>	<b>50,179</b>	<b>33,699</b>	<b>36,054</b>	<b>49,504</b>	<b>158,609</b>
<b>Alaska Total</b>	<b>152,855</b>	<b>138,698</b>	<b>241,831</b>	<b>209,961</b>	<b>191,809</b>	<b>205,642</b>	<b>139,973</b>	<b>136,681</b>	<b>112,261</b>	<b>112,681</b>	<b>133,229</b>	<b>809,888</b>

**Appendix A36.-Alaska sport cutthroat trout harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	3,263	1,503	4,909	3,780	3,739	2,456	1,721	2,480	821	643	1,176	12,754
Prince of Wales Island	2,592	3,631	2,130	4,553	2,535	1,292	1,987	987	1,118	1,429	878	7,125
Kake, Petersburg, Wrangell, Stikine	2,924	2,450	2,475	3,555	3,725	1,823	3,746	3,357	1,597	588	876	5,942
Sitka	954	1,269	1,327	2,167	1,532	1,058	1,784	2,263	1,297	907	351	7,388
Juneau	2,838	3,930	4,402	3,057	2,873	1,774	2,564	5,516	1,261	772	1,130	11,563
Haines-Skagway	1,775	1,340	801	1,531	1,130	817	944	530	337	180	329	933
Glacier Bay	253	88	36	218	67	65	193	95	0	28	206	631
Yakutat	11	36	237	0	59	387	18	123	45	0	0	0
<b>Total</b>	<b>14,610</b>	<b>14,247</b>	<b>16,317</b>	<b>18,861</b>	<b>15,660</b>	<b>9,672</b>	<b>12,957</b>	<b>15,351</b>	<b>6,476</b>	<b>4,547</b>	<b>4,946</b>	<b>46,336</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Prince William Sound	1,620	1,358	619	1,511	523	416	1,015	940	612	122	707	2,771
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
East Susitna River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet-West Susitna River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula	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
<b>Total</b>	<b>1,620</b>	<b>1,358</b>	<b>619</b>	<b>1,511</b>	<b>523</b>	<b>416</b>	<b>1,015</b>	<b>940</b>	<b>612</b>	<b>122</b>	<b>707</b>	<b>2,771</b>
<b>Arctic-Yukon-Kuskokwim</b>												
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
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Alaska Total</b>	<b>16,230</b>	<b>15,605</b>	<b>16,936</b>	<b>20,372</b>	<b>16,183</b>	<b>10,088</b>	<b>13,972</b>	<b>16,291</b>	<b>7,088</b>	<b>4,669</b>	<b>5,653</b>	<b>49,107</b>



**Appendix A37.-Alaska sport brook trout harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	190	0	109	195	16	25	97	67	107	85	0	208
Prince of Wales Island	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	0	59	16	178	0	22	9	0	37	469
Sitka	46	0	655	352	307	66	118	134	71	189	73	389
Juneau	290	298	436	169	17	114	292	182	232	0	113	261
Haines-Skagway	0	0	73	112	94	94	519	357	62	0	0	63
Glacier Bay	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
<b>Total</b>	<b>526</b>	<b>298</b>	<b>1,273</b>	<b>887</b>	<b>450</b>	<b>477</b>	<b>1,026</b>	<b>762</b>	<b>481</b>	<b>274</b>	<b>223</b>	<b>1,390</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Prince William Sound	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
East Susitna River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet-West Susitna River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula	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
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Arctic-Yukon-Kuskokwim</b>												
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
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Alaska Total</b>	<b>526</b>	<b>298</b>	<b>1,273</b>	<b>887</b>	<b>450</b>	<b>477</b>	<b>1,026</b>	<b>762</b>	<b>481</b>	<b>274</b>	<b>223</b>	<b>1,390</b>

**Appendix A38.-Alaska sport lake trout harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
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	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	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
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	6,779	6,721	6,277	7,147	5,503	4,864	4,251	4,569	4,058	2,934	2,632	11,209
Prince William Sound	259	0	73	310	49	154	0	126	0	20	0	140
Knik Arm Drainage	313	906	1,911	835	1,067	512	840	201	66	118	76	210
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
East Susitna River Drainage	1,816	343	291	1,210	387	726	495	288	239	254	308	1,200
West Cook Inlet-West Susitna River Drainages	157	797	327	352	202	289	363	296	190	143	120	512
Kenai Peninsula	6,292	3,301	4,113	2,002	2,566	3,443	3,378	3,805	3,186	2,887	3,540	6,210
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	412	836	326	320	143	272	264	325	500	243	458	2,738
Kvichak River Drainage	2,039	504	254	696	656	324	642	575	964	258	390	2,119
Nushagak	146	688	891	593	286	155	101	311	340	223	356	1,627
Total	18,213	14,096	14,463	13,465	10,859	10,739	10,334	10,496	9,543	7,080	7,880	25,965
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	713	652	2,221	1,650	896	1,978	993	1,939	1,582	887	877	5,199
Kuskokwim-Goodnews Drainages	1,110	28	181	1,086	72	272	356	218	40	215	135	1,094
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Northwest Alaska Drainages	504	159	255	115	387	173	270	234	77	126	166	626
Yukon River Drainages	508	0	0	272	220	434	193	101	59	66	9	60
North Slope Brooks Range Drainages	415	274	73	482	168	176	379	106	73	38	19	298
Total	3,250	1,113	2,730	3,605	1,743	3,033	2,191	2,598	1,831	1,332	1,206	7,277
<b>Alaska Total</b>	<b>21,463</b>	<b>15,209</b>	<b>17,193</b>	<b>17,070</b>	<b>12,602</b>	<b>13,772</b>	<b>12,525</b>	<b>13,094</b>	<b>11,374</b>	<b>8,412</b>	<b>9,086</b>	<b>33,242</b>

**Appendix A39.-Alaska sport Dolly Varden and Arctic char harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	3,832	2,914	3,256	2,098	2,269	2,143	928	2,366	1,228	175	2,456	6,622
Prince of Wales Island	3,721	5,377	2,946	6,007	1,611	1,646	1,318	1,872	865	1,231	3,406	12,230
Kake, Petersburg, Wrangell, Stikine	3,405	2,527	4,166	4,458	5,013	2,365	2,948	1,265	1,655	1,072	1,623	6,141
Sitka	5,428	6,672	9,950	5,713	5,465	3,539	4,093	2,808	2,290	2,202	2,317	17,451
Juneau	10,723	8,204	15,878	13,987	12,233	11,929	7,201	7,923	5,189	6,358	5,282	34,499
Haines-Skagway	31,993	19,123	20,082	16,116	18,885	21,867	7,185	8,639	4,625	4,278	5,520	16,848
Glacier Bay	1,590	1,109	1,801	2,067	747	1,209	1,434	1,028	1,535	1,443	613	2,626
Yakutat	447	795	1,292	1,190	2,077	1,256	1,131	992	1,171	964	1,230	5,502
<b>Total</b>	<b>61,139</b>	<b>46,721</b>	<b>59,371</b>	<b>51,636</b>	<b>48,300</b>	<b>45,954</b>	<b>26,238</b>	<b>26,893</b>	<b>18,558</b>	<b>17,723</b>	<b>22,447</b>	<b>101,919</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	5,205	2,023	5,185	3,979	3,159	2,140	1,997	3,173	1,598	1,695	2,575	4,595
Prince William Sound	7,295	4,598	2,619	4,336	2,698	3,354	3,382	3,156	1,383	1,248	3,848	12,575
Knik Arm Drainage	13,048	11,425	11,314	8,161	8,746	9,138	4,186	3,686	3,532	2,109	5,606	13,542
Anchorage	2,425	1,811	3,636	2,646	2,208	2,539	3,269	1,793	2,500	1,633	1,994	7,703
East Susitna River Drainage	4,213	3,946	4,748	3,040	3,613	2,140	2,394	1,413	1,033	1,012	2,027	8,110
West Cook Inlet-West Susitna River Drainages	3,241	1,141	1,656	1,829	1,500	2,809	1,015	915	768	1,430	1,463	7,073
Kenai Peninsula	26,709	22,840	24,235	23,070	28,084	28,018	30,131	30,130	22,311	20,748	17,311	114,662
Kodiak	20,657	8,763	18,663	14,266	14,235	12,794	7,389	6,299	5,981	6,469	11,356	62,237
Naknek River Drainage-Alaska Peninsula	8,282	8,589	5,056	5,256	8,313	10,364	5,988	5,752	2,932	3,792	3,715	30,655
Kvichak River Drainage	680	1,238	526	615	952	1,183	868	866	1,006	678	1,024	17,183
Nushagak	1,898	4,031	1,346	3,021	2,484	2,390	2,752	2,539	2,212	2,259	3,310	36,637
<b>Total</b>	<b>93,653</b>	<b>70,405</b>	<b>78,984</b>	<b>70,219</b>	<b>75,992</b>	<b>76,869</b>	<b>63,371</b>	<b>59,722</b>	<b>45,256</b>	<b>43,073</b>	<b>54,229</b>	<b>314,972</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	200	36	909	913	830	2,891	2,088	3,873	1,799	2,736	3,261	7,835
Kuskokwim-Goodnews Drainages	1,849	2,090	3,764	3,545	1,797	2,924	802	1,499	1,398	1,260	1,965	33,449
Seward Peninsula-Norton Sound Drainages	5,721	5,506	4,855	7,058	3,948	10,365	2,382	5,907	3,071	2,908	4,285	8,427
Northwest Alaska Drainages	1,529	1,520	983	999	806	1,717	682	914	2,365	939	913	5,376
Yukon River Drainages	91	541	618	726	391	675	672	528	488	122	881	1,938
North Slope Brooks Range Drainages	983	2,676	1,018	1,031	489	1,199	836	1,092	598	896	1,108	8,206
<b>Total</b>	<b>10,373</b>	<b>12,369</b>	<b>12,147</b>	<b>14,272</b>	<b>8,261</b>	<b>19,771</b>	<b>7,462</b>	<b>13,813</b>	<b>9,719</b>	<b>8,861</b>	<b>12,413</b>	<b>65,231</b>
<b>Alaska Total</b>	<b>165,165</b>	<b>129,495</b>	<b>150,502</b>	<b>136,127</b>	<b>132,553</b>	<b>142,594</b>	<b>97,071</b>	<b>100,428</b>	<b>73,533</b>	<b>69,657</b>	<b>89,089</b>	<b>482,122</b>

**Appendix A40.-Alaska sport Arctic grayling harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	201	670	36	182	224	0	91	0	0	0	0	34
Prince of Wales Island	0	0	0	0	0	0	0	0	0	0	0	0
Kake, Petersburg, Wrangell, Stikine	0	0	73	0	81	0	98	0	0	0	0	0
Sitka	0	0	418	11	0	18	8	95	53	9	12	643
Juneau	0	0	0	0	0	0	0	0	24	0	0	41
Haines-Skagway	246	72	0	0	63	63	225	0	0	0	291	927
Glacier Bay	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	0	0	21	0	0	90	0	0	0	0	0
<b>Total</b>	<b>447</b>	<b>742</b>	<b>527</b>	<b>214</b>	<b>368</b>	<b>81</b>	<b>512</b>	<b>95</b>	<b>77</b>	<b>9</b>	<b>303</b>	<b>1,645</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	24,185	27,359	21,937	16,629	13,775	13,278	11,125	12,504	14,066	14,289	10,534	77,381
Prince William Sound	352	54	182	368	294	497	77	283	318	139	131	1,064
Knik Arm Drainage	4,233	3,893	8,367	5,429	3,068	2,846	2,511	1,343	2,898	818	1,940	9,224
Anchorage	168	18	1,001	66	576	238	413	233	634	89	293	2,214
East Susitna River Drainage	10,346	7,568	6,020	4,562	2,910	3,875	2,189	2,401	3,484	1,486	1,913	12,219
West Cook Inlet-West Susitna River Drainages	5,530	4,944	4,275	2,247	2,192	3,393	1,647	1,422	1,662	895	1,871	14,312
Kenai Peninsula	1,878	1,006	1,273	1,133	913	1,472	775	1,268	1,636	1,863	1,071	9,831
Kodiak	15	72	182	189	86	98	120	16	41	0	0	0
Naknek River Drainage-Alaska Peninsula	749	640	708	1,089	416	649	482	682	352	227	301	8,701
Kvichak River Drainage	2,549	3,163	599	1,068	998	1,146	1,519	1,459	2,418	1,104	1,576	21,111
Nushagak	1,460	3,299	2,347	838	1,712	2,904	1,399	2,175	2,740	1,964	2,019	51,361
<b>Total</b>	<b>51,465</b>	<b>52,016</b>	<b>46,891</b>	<b>33,618</b>	<b>26,940</b>	<b>30,396</b>	<b>22,257</b>	<b>23,786</b>	<b>30,249</b>	<b>22,874</b>	<b>21,649</b>	<b>207,418</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	45,780	38,230	51,803	53,791	28,414	33,778	14,983	17,658	24,741	16,089	15,199	213,919
Kuskokwim-Goodnews Drainages	1,117	2,019	2,440	2,622	1,340	2,603	545	739	850	845	977	16,403
Seward Peninsula-Norton Sound Drainages	4,042	4,600	4,928	4,205	1,378	5,121	492	1,584	1,331	1,037	1,485	10,406
Northwest Alaska Drainages	5,121	2,121	2,692	1,415	622	1,981	968	916	814	910	2,136	11,177
Yukon River Drainages	5,566	9,054	6,115	7,491	4,961	5,570	4,171	3,330	4,574	3,421	4,000	21,417
North Slope Brooks Range Drainages	4,099	1,932	983	2,113	791	3,301	1,145	1,632	807	983	1,194	7,456
<b>Total</b>	<b>65,725</b>	<b>57,956</b>	<b>68,961</b>	<b>71,637</b>	<b>37,506</b>	<b>52,354</b>	<b>22,304</b>	<b>25,859</b>	<b>33,117</b>	<b>23,285</b>	<b>24,991</b>	<b>280,778</b>
<b>Alaska Total</b>	<b>117,637</b>	<b>110,714</b>	<b>116,379</b>	<b>105,469</b>	<b>64,814</b>	<b>82,831</b>	<b>45,073</b>	<b>49,740</b>	<b>63,443</b>	<b>46,168</b>	<b>46,943</b>	<b>489,841</b>

**Appendix A41.-Alaska sport northern pike harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
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	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	0	0	0	0	0	0	0	0	0	0	0	0
Yakutat	0	18	18	42	0	136	0	0	0	0	0	484
Total	0	18	18	42	0	136	0	0	0	0	0	484
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Prince William Sound	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	458	924	364	863	754	2,709	2,605	2,102	1,328	522	4,021	12,220
Anchorage	0	0	0	0	0	0	0	0	0	0	183	893
East Susitna River Drainage	0	0	0	0	0	0	0	0	0	0	11	368
West Cook Inlet-West Susitna River Drainages	1,519	1,540	2,818	2,257	2,088	3,931	2,777	3,619	2,565	3,024	3,988	18,951
Kenai Peninsula	0	12	36	67	40	86	239	242	36	248	177	275
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	222	256	36	154	208	93	256	130	709	165	724	4,481
Kvichak River Drainage	374	458	18	211	191	635	658	291	372	334	617	3,565
Nushagak	321	1,649	326	882	374	1,250	779	747	790	1,030	782	9,549
Total	2,894	4,839	3,598	4,434	3,655	8,704	7,314	7,131	5,800	5,323	10,503	50,302
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	11,934	9,405	11,823	11,170	7,348	12,476	6,148	7,712	16,299	10,620	8,327	52,993
Kuskokwim-Goodnews Drainages	122	606	2,346	1,785	231	2,018	752	995	828	655	871	6,928
Seward Peninsula-Norton Sound Drainages	699	906	564	648	1,957	1,429	479	537	376	215	728	3,239
Northwest Alaska Drainages	2,752	813	1,565	64	320	394	333	559	287	256	112	1,423
Yukon River Drainages	3,470	2,492	3,526	3,516	2,474	4,454	3,590	2,347	1,968	1,937	2,502	25,502
North Slope Brooks Range Drainages	19	0	0	0	0	0	0	85	0	0	0	0
Total	18,996	14,222	19,824	17,183	12,330	20,771	11,302	12,235	19,758	13,683	12,540	90,085
<b>Alaska Total</b>	<b>21,890</b>	<b>19,079</b>	<b>23,440</b>	<b>21,659</b>	<b>15,985</b>	<b>29,611</b>	<b>18,616</b>	<b>19,366</b>	<b>25,558</b>	<b>19,006</b>	<b>23,043</b>	<b>140,871</b>

**Appendix A42.-Alaska sport whitefish harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
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	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	34	0	91	61	16	60	18	0	0	0	0	0
Glacier Bay	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
<b>Total</b>	<b>34</b>	<b>0</b>	<b>91</b>	<b>61</b>	<b>16</b>	<b>60</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	3,915	2,096	2,474	2,991	1,784	717	1,150	815	1,149	898	384	3,017
Prince William Sound	15	72	0	0	0	0	46	0	0	0	0	0
Knik Arm Drainage	580	380	1,163	844	622	900	257	227	242	71	16	32
Anchorage	0	0	0	0	181	7	0	0	0	0	0	0
East Susitna River Drainage	1,090	796	546	442	1,378	626	265	87	172	80	0	274
West Cook Inlet-West Susitna River Drainages	435	1,685	1,419	430	1,516	531	340	564	779	76	160	420
Kenai Peninsula	955	216	863	415	912	560	432	396	249	357	131	553
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	122	106	18	30	17	40	55	0	39	0	80	80
Kvichak River Drainage	714	46	54	60	618	136	221	95	159	266	392	805
Nushagak	88	46	54	132	850	315	101	296	211	119	52	1,074
<b>Total</b>	<b>7,914</b>	<b>5,443</b>	<b>6,591</b>	<b>5,344</b>	<b>7,878</b>	<b>3,832</b>	<b>2,867</b>	<b>2,480</b>	<b>3,000</b>	<b>1,867</b>	<b>1,215</b>	<b>6,255</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	26,810	26,303	11,620	16,935	6,891	739	3,246	984	940	493	412	1,323
Kuskokwim-Goodnews Drainages	147	91	473	571	88	158	286	253	183	0	0	100
Seward Peninsula-Norton Sound Drainages	510	272	673	453	299	1,357	46	95	67	247	64	128
Northwest Alaska Drainages	199	212	236	619	84	260	9	238	117	156	160	720
Yukon River Drainages	328	206	610	245	322	422	248	173	89	82	160	434
North Slope Brooks Range Drainages	3,776	75	18	109	17	0	18	0	58	18	36	90
<b>Total</b>	<b>31,770</b>	<b>27,159</b>	<b>13,630</b>	<b>18,932</b>	<b>7,701</b>	<b>2,936</b>	<b>3,853</b>	<b>1,743</b>	<b>1,454</b>	<b>996</b>	<b>832</b>	<b>2,795</b>
<b>Alaska Total</b>	<b>39,718</b>	<b>32,602</b>	<b>20,312</b>	<b>24,337</b>	<b>15,595</b>	<b>6,828</b>	<b>6,738</b>	<b>4,223</b>	<b>4,454</b>	<b>2,863</b>	<b>2,047</b>	<b>9,050</b>

**Appendix A43.-Alaska sport burbot harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
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	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	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
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	10,030	4,386	3,747	3,396	1,836	793	1,495	1,694	2,869	995	981	1,639
Prince William Sound	0	0	0	0	0	0	0	0	0	0	0	0
Knik Arm Drainage	804	325	291	372	262	477	500	482	512	151	218	339
Anchorage	0	0	0	0	0	0	0	0	0	0	0	0
East Susitna River Drainage	1,380	1,175	600	395	1,345	407	608	909	674	517	284	602
West Cook Inlet-West Susitna River Drainages	715	3,640	944	211	1,534	97	304	264	1,090	190	396	860
Kenai Peninsula	0	0	0	0	0	0	85	43	10	0	0	0
Kodiak	0	0	0	0	0	0	0	0	0	0	0	0
Naknek River Drainage-Alaska Peninsula	76	0	0	0	0	0	0	0	0	0	0	0
Kvichak River Drainage	204	0	18	0	100	53	0	0	10	0	138	138
Nushagak	29	0	0	0	17	0	0	0	0	0	13	13
Total	13,238	9,526	5,600	4,374	5,094	1,827	2,992	3,392	5,165	1,853	2,030	3,591
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	5,142	3,855	3,733	4,357	3,799	2,739	3,620	5,717	5,165	4,934	3,203	5,310
Kuskokwim-Goodnews Drainages	146	119	91	12	1,125	40	169	214	20	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	36	10	33	116	0	96	0	45	179	179
Northwest Alaska Drainages	107	11	0	0	0	0	17	139	20	11	185	185
Yukon River Drainages	122	32	18	367	509	160	422	279	145	216	203	212
North Slope Brooks Range Drainages	94	0	0	148	17	0	25	21	353	69	41	65
Total	5,611	4,017	3,878	4,894	5,483	3,055	4,253	6,466	5,703	5,275	3,811	5,951
<b>Alaska Total</b>	<b>18,849</b>	<b>13,543</b>	<b>9,478</b>	<b>9,268</b>	<b>10,577</b>	<b>4,882</b>	<b>7,245</b>	<b>9,858</b>	<b>10,868</b>	<b>7,128</b>	<b>5,841</b>	<b>9,542</b>

**Appendix A44.-Alaska sport sheefish harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
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	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	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
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Prince William Sound	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
East Susitna River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet-West Susitna River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula	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	0	0	0	0	0	0	0	0	0	0	0	0
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	72	235	964	554	169	158	184	100	166	310	231	488
Kuskokwim-Goodnews Drainages	72	398	637	296	107	154	292	54	390	272	107	675
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	0	0	73	156
Northwest Alaska Drainages	3,363	1,836	964	629	151	603	1,904	1,029	564	1,142	485	3,183
Yukon River Drainages	214	128	656	757	323	1,341	553	436	391	476	606	2,915
North Slope Brooks Range Drainages	0	0	0	70	0	0	0	0	0	0	0	0
Total	3,721	2,597	3,221	2,306	750	2,256	2,933	1,619	1,511	2,200	1,502	7,417
<b>Alaska Total</b>	<b>3,721</b>	<b>2,597</b>	<b>3,221</b>	<b>2,306</b>	<b>750</b>	<b>2,256</b>	<b>2,933</b>	<b>1,619</b>	<b>1,511</b>	<b>2,200</b>	<b>1,502</b>	<b>7,417</b>



**Appendix A45.-Alaska sport smelt harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	0	0	0	0	0	0	0	0	0	0	0	0
Prince of Wales Island	0	0	0	0	82	0	87	60	70	0	0	0
Kake, Petersburg, Wrangell, Stikine	1,549	49,527	1,702	2,257	0	0	54	131	138	791	666	666
Sitka	1,153	7,355	681	1,052	1,721	564	1,709	385	150	113	0	0
Juneau	692	723	0	294	172	24	1,558	0	117	0	0	0
Haines-Skagway	5,097	34	1,392	586	0	5,584	33,532	1,677	556	0	327	327
Glacier Bay	0	0	0	375	0	0	0	0	0	0	0	0
Yakutat	461	2,773	3,094	0	1,703	30	0	121	1,766	0	291	291
<b>Total</b>	<b>8,952</b>	<b>60,412</b>	<b>6,869</b>	<b>4,564</b>	<b>3,678</b>	<b>6,202</b>	<b>36,940</b>	<b>2,374</b>	<b>2,797</b>	<b>904</b>	<b>1,284</b>	<b>1,284</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Prince William Sound	15	1,908	3,713	64	3,386	273	4,123	1,453	198	0	972	2,554
Knik Arm Drainage	3,351	0	0	0	0	0	0	0	2,292	0	0	0
Anchorage	123,954	131,584	139,508	103,881	133,027	69,257	42,964	29,865	49,279	34,058	21,212	21,503
East Susitna River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet-West Susitna River Drainages	7,300	9,265	8,849	2,324	5,810	6,132	15,523	6,596	13,330	4,549	13,451	13,669
Kenai Peninsula	37,300	53,897	18,378	33,140	41,029	6,987	24,068	8,227	8,056	4,553	7,612	7,903
Kodiak	0	462	0	0	0	0	140	67	0	0	727	727
Naknek River Drainage-Alaska Peninsula	1,284	42	30,321	4,456	3,172	15,249	15,858	5,423	12,481	2,761	1,476	1,503
Kvichak River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
Nushagak	0	46	31	56,973	2,257	5,916	6,923	3,790	10,188	4,814	11,560	11,560
<b>Total</b>	<b>173,204</b>	<b>197,204</b>	<b>200,800</b>	<b>200,838</b>	<b>188,681</b>	<b>103,814</b>	<b>109,599</b>	<b>55,421</b>	<b>95,824</b>	<b>50,735</b>	<b>57,010</b>	<b>59,419</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim-Goodnews Drainages	0	0	248	1,324	211	0	1,136	3,343	2,292	633	2,181	2,181
Seward Peninsula-Norton Sound Drainages	189	2,023	2,228	410	995	1,699	865	335	5,157	633	174	400
Northwest Alaska Drainages	275	5,057	0	261	0	119	0	22	57	0	218	218
Yukon River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
North Slope Brooks Range Drainages	0	0	0	429	503	0	0	0	0	0	0	0
<b>Total</b>	<b>464</b>	<b>7,080</b>	<b>2,476</b>	<b>2,424</b>	<b>1,709</b>	<b>1,818</b>	<b>2,001</b>	<b>3,700</b>	<b>7,506</b>	<b>1,266</b>	<b>2,573</b>	<b>2,799</b>
<b>Alaska Total</b>	<b>182,620</b>	<b>264,696</b>	<b>210,145</b>	<b>207,826</b>	<b>194,068</b>	<b>111,834</b>	<b>148,540</b>	<b>61,495</b>	<b>106,127</b>	<b>52,905</b>	<b>60,867</b>	<b>63,502</b>

**Appendix A46.-Alaska sport Pacific halibut harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	11,014	9,676	11,544	13,699	9,872	9,733	9,455	12,763	15,313	14,483	15,316	21,542
Prince of Wales Island	2,902	2,760	2,778	9,213	10,264	11,875	11,661	22,501	24,465	20,808	23,266	38,024
Kake, Petersburg, Wrangell, Stikine	3,624	3,039	3,877	5,548	5,768	6,433	6,153	5,984	7,992	9,488	10,234	19,462
Sitka	6,617	7,545	10,572	17,727	17,492	20,283	22,092	19,366	23,701	21,452	20,840	35,511
Juneau	16,574	14,382	18,697	20,273	16,248	13,637	14,850	16,340	10,362	15,145	16,414	24,970
Haines-Skagway	2,189	3,567	3,201	2,588	1,972	1,199	926	2,195	1,058	856	1,209	1,954
Glacier Bay	1,331	2,184	4,238	4,484	3,415	8,766	4,863	5,878	5,849	7,090	7,618	14,368
Yakutat	777	1,194	1,673	772	1,459	2,112	1,861	2,752	3,577	2,456	3,236	4,608
<b>Total</b>	<b>45,028</b>	<b>44,347</b>	<b>56,580</b>	<b>74,304</b>	<b>66,490</b>	<b>74,038</b>	<b>71,861</b>	<b>87,779</b>	<b>92,317</b>	<b>91,778</b>	<b>98,133</b>	<b>160,439</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Prince William Sound	8,331	4,379	9,845	8,697	10,851	12,733	17,855	19,716	23,487	24,771	22,330	40,449
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
East Susitna River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet-West Susitna River Drainages	1,072	869	1,192	1,224	1,685	1,576	984	2,507	2,725	3,236	2,422	4,492
Kenai Peninsula	94,479	84,733	147,756	132,944	156,353	160,888	160,705	185,431	193,085	188,597	209,576	418,110
Kodiak	10,960	9,869	7,749	10,435	9,134	12,089	10,860	14,169	14,910	13,989	14,205	26,922
Naknek River Drainage-Alaska Peninsula	1,015	1,596	1,984	1,412	2,545	5,199	2,645	3,491	2,402	2,796	3,213	7,807
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
<b>Total</b>	<b>115,857</b>	<b>101,446</b>	<b>168,526</b>	<b>154,712</b>	<b>180,568</b>	<b>192,485</b>	<b>193,049</b>	<b>225,314</b>	<b>236,609</b>	<b>233,389</b>	<b>251,746</b>	<b>497,780</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kuskokwim-Goodnews Drainages	0	36	0	0	144	0	33	54	45	21	145	189
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0	0	75	0	196	280
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
<b>Total</b>	<b>0</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>144</b>	<b>0</b>	<b>33</b>	<b>54</b>	<b>120</b>	<b>21</b>	<b>341</b>	<b>469</b>
<b>Alaska Total</b>	<b>160,885</b>	<b>145,829</b>	<b>225,106</b>	<b>229,016</b>	<b>247,202</b>	<b>266,523</b>	<b>264,943</b>	<b>313,147</b>	<b>329,046</b>	<b>325,188</b>	<b>350,220</b>	<b>658,688</b>

**Appendix A47.-Alaska sport rockfish harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	17,861	18,231	26,378	17,159	9,043	8,504	9,927	6,764	11,741	7,984	7,092	19,559
Prince of Wales Island	9,841	9,984	8,692	8,955	9,062	7,200	7,968	9,589	12,122	11,915	9,446	27,018
Kake, Petersburg, Wrangell, Stikine	2,106	2,525	480	1,726	1,150	1,222	1,838	2,070	2,298	1,870	1,085	3,674
Sitka	5,997	5,944	9,319	6,196	3,948	4,879	6,852	6,622	13,446	7,968	10,728	34,894
Juneau	4,847	4,709	10,224	4,638	1,881	3,408	3,532	5,717	3,271	3,438	3,008	7,314
Haines-Skagway	794	289	854	465	488	415	181	569	157	233	329	627
Glacier Bay	78	307	801	357	306	936	501	448	881	355	599	3,130
Yakutat	44	272	91	8	81	264	414	251	490	584	599	949
<b>Total</b>	<b>41,568</b>	<b>42,261</b>	<b>56,839</b>	<b>39,504</b>	<b>25,959</b>	<b>26,828</b>	<b>31,213</b>	<b>32,030</b>	<b>44,406</b>	<b>34,347</b>	<b>32,886</b>	<b>97,165</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Prince William Sound	9,762	6,563	12,711	12,919	8,157	8,733	15,478	12,274	15,382	14,701	12,375	20,949
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
East Susitna River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet-West Susitna River Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Kenai Peninsula	44,763	16,154	45,327	29,028	21,937	22,622	33,266	29,971	33,440	21,759	26,656	47,190
Kodiak	4,479	6,501	11,369	5,070	3,842	8,036	5,652	7,569	5,019	4,247	6,551	13,605
Naknek River Drainage-Alaska Peninsula	686	2,046	1,875	255	2,677	1,044	914	781	724	559	582	2,761
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
<b>Total</b>	<b>59,690</b>	<b>31,264</b>	<b>71,282</b>	<b>47,272</b>	<b>36,613</b>	<b>40,435</b>	<b>55,310</b>	<b>50,595</b>	<b>54,565</b>	<b>41,266</b>	<b>46,164</b>	<b>84,505</b>
<b>Arctic-Yukon-Kuskokwim</b>												
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
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Alaska Total</b>	<b>101,258</b>	<b>73,525</b>	<b>128,121</b>	<b>86,776</b>	<b>62,572</b>	<b>67,263</b>	<b>86,523</b>	<b>82,625</b>	<b>98,971</b>	<b>75,613</b>	<b>79,050</b>	<b>181,670</b>

**Appendix A48.-Alaska sport lingcod harvests, 1991-1996, and catch, 1996, by region and area.**

Area Fished	Harvest						Catch
	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>							
Ketchikan	1,977	2,381	2,171	2,520	1,616	1,765	3,217
Prince of Wales Island	3,245	4,048	6,422	7,627	5,443	5,936	7,574
Kake, Petersburg, Wrangell, Stikine	201	486	653	495	402	275	581
Sitka	2,448	4,683	3,901	7,836	4,613	6,592	10,474
Juneau	1,047	1,129	840	630	233	413	940
Haines-Skagway	353	102	268	129	23	7	81
Glacier Bay	327	56	216	139	149	284	957
Yakutat	160	308	498	693	624	1,137	1,466
Total	9,758	13,193	14,969	20,069	13,103	16,409	25,290
<b>Southcentral</b>							
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0
Prince William Sound	1,979	2,575	2,008	1,658	2,316	2,035	5,729
Knik Arm Drainage	0	0	0	0	0	0	0
Anchorage	0	93	0	0	0	0	0
East Susitna River Drainage	0	0	0	0	0	0	0
West Cook Inlet-W Susitna River Drainages	35	0	45	56	28	134	252
Kenai Peninsula	8,932	11,280	4,715	4,896	3,738	4,701	18,569
Kodiak	1,352	1,454	922	1,014	932	1,074	2,756
Naknek River Drainage-Alaska Peninsula	993	299	198	185	75	9	323
Kvichak River Drainage	0	0	0	0	0	0	0
Nushagak	0	0	0	0	0	0	0
Total	13,291	15,701	7,888	7,809	7,089	7,953	27,629
<b>Arctic-Yukon-Kuskokwim</b>							
Tanana River Drainages	0	0	0	0	0	0	0
Kuskokwim-Goodnews Drainages	0	0	0	0	0	0	0
Seward Peninsula-Norton Sound Drainages	0	0	0	0	0	0	0
Northwest Alaska Drainages	0	0	0	0	0	0	0
Yukon River Drainages	0	0	0	0	0	0	0
North Slope Brooks Range Drainages	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0
<b>Alaska Total</b>	<b>23,049</b>	<b>28,894</b>	<b>22,857</b>	<b>27,878</b>	<b>20,192</b>	<b>24,362</b>	<b>52,919</b>

**Appendix A49.-Alaska sport razor clam harvests, 1986-1996, and catch, 1996, by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
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	8,422	2,149	3,284	5,104	4,428	618	2,445	1,001	928	2,004	228	228
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	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	8,422	2,149	3,284	5,104	4,428	618	2,445	1,001	928	2,004	228	228
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	0	0	0	0	0	0	0	0	0	0	0	0
Prince William Sound	7,049	9,388	5,455	4,243	5,235	2,692	26,307	6,629	3,572	2,105	1,837	1,837
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
East Susitna River Drainage	0	0	0	0	0	0	0	0	0	0	0	0
West Cook Inlet-West Susitna River	111,048	107,022	58,784	57,603	48,752	27,658	31,066	39,989	22,239	14,878	19,688	19,688
Kenai Peninsula	1,165,66	1,004,87	1,189,68	849,536	979,353	1,176,43	1,176,34	963,054	1,286,61	1,180,95	820,864	820,864
Kodiak	7,064	2,155	4,614	1,477	173	119	973	1,286	4,322	0	1,366	1,366
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	1,290,82	1,123,44	1,258,53	912,859	1,033,51	1,206,90	1,234,69	1,010,95	1,316,74	1,197,94	843,755	843,755
<b>Arctic-Yukon-Kuskokwim</b>												
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	0	0	0	0	0	0	0	0	0	0	0	0
<b>Alaska Total</b>	<b>1,299,24</b>	<b>1,125,58</b>	<b>1,261,81</b>	<b>917,963</b>	<b>1,037,94</b>	<b>1,207,52</b>	<b>1,237,14</b>	<b>1,011,95</b>	<b>1,317,67</b>	<b>1,199,94</b>	<b>843,983</b>	<b>843,983</b>

**Appendix A50.-Alaska sport harvests, 1986-1996, and catch, 1996, of other fish by region and area.**

Area Fished	Harvest											Catch
	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1996
<b>Southeast</b>												
Ketchikan	5,230	4,450	10,891	3,312	2,571	2,515	477	2,285	2,297	3,610	1,002	1,733
Prince of Wales Island	2,903	6,638	1,610	447	2,653	518	876	2,438	1,173	2,174	423	2,521
Kake, Petersburg, Wrangell, Stikine	7,606	5,971	9,128	3,997	4,080	1,217	1,050	1,819	2,135	2,383	441	994
Sitka	1,015	20,156	4,642	1,983	7,850	2,691	2,488	1,979	233	3,534	686	3,402
Juneau	1,734	13,260	4,827	5,952	1,754	3,860	3,050	2,046	809	1,341	443	2,209
Haines-Skagway	918	1,113	1,331	728	838	3,335	508	2,463	244	461	240	452
Glacier Bay	0	2,062	0	1,040	200	68	292	197	72	10	345	695
Yakutat	204	0	371	120	221	0	151	10	237	20	0	66
<b>Total</b>	<b>19,610</b>	<b>53,650</b>	<b>32,800</b>	<b>17,579</b>	<b>20,167</b>	<b>14,204</b>	<b>8,892</b>	<b>13,237</b>	<b>7,200</b>	<b>13,533</b>	<b>3,580</b>	<b>12,072</b>
<b>Southcentral</b>												
Upper Copper/Upper Susitna Drainages	178	76	0	0	0	47	11	9	128	30	0	6
Prince William Sound	21,315	17,945	10,303	20,466	6,444	4,992	7,445	7,964	1,722	6,237	2,646	6,200
Knik Arm Drainage	24	462	0	0	99	0	790	176	163	0	38	64
Anchorage	555	93	31	248	0	297	649	392	1,129	541	102	314
East Susitna River Drainage	0	0	0	15	67	16	76	49	166	61	63	77
West Cook Inlet-West Susitna River Drainages	87	93	0	47	51	1,351	22	87	168	30	0	316
Kenai Peninsula	25,974	11,208	31,073	31,069	43,691	9,277	10,021	5,275	4,016	4,425	3,069	13,854
Kodiak	10,922	9,080	8,694	1,757	2,657	2,995	1,062	1,618	1,578	1,467	1,088	1,962
Naknek River Drainage-Alaska Peninsula	8,820	1,481	62	222	1,757	1,588	1,191	946	230	304	233	1,616
Kvichak River Drainage	0	0	0	17	0	0	32	80	475	0	0	1,319
Nushagak	0	0	31	0	17	48	184	63	76	0	0	0
<b>Total</b>	<b>67,875</b>	<b>40,438</b>	<b>50,194</b>	<b>53,841</b>	<b>54,783</b>	<b>20,611</b>	<b>21,483</b>	<b>16,659</b>	<b>9,851</b>	<b>13,095</b>	<b>7,239</b>	<b>25,728</b>
<b>Arctic-Yukon-Kuskokwim</b>												
Tanana River Drainages	171	0	0	130	34	303	0	79	175	367	126	214
Kuskokwim-Goodnews Drainages	0	0	0	0	0	95	11	589	18	20	0	95
Seward Peninsula-Norton Sound Drainages	566	0	371	33	580	1,385	909	549	865	203	13	13
Northwest Alaska Drainages	612	0	0	174	0	0	216	177	0	357	633	639
Yukon River Drainages	0	0	0	34	0	0	0	0	503	603	19	25
North Slope Brooks Range Drainages	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,349</b>	<b>0</b>	<b>371</b>	<b>371</b>	<b>614</b>	<b>1,783</b>	<b>1,136</b>	<b>1,394</b>	<b>1,561</b>	<b>1,550</b>	<b>791</b>	<b>986</b>
<b>Alaska Total</b>	<b>88,834</b>	<b>94,088</b>	<b>83,365</b>	<b>71,791</b>	<b>75,564</b>	<b>36,598</b>	<b>31,511</b>	<b>31,290</b>	<b>18,612</b>	<b>28,178</b>	<b>11,610</b>	<b>38,786</b>

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harvest and catch by area on facing pages.**

**Appendix A51.-Ketchikan Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Days		KI <sup>c</sup>	KS <sup>c</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	RF	LC	OTHER
		Trips	Fished																		
SALTWATER:																					
Boat - East, West Behm Canals	7,293	12,876	19,598	0	871	17,723	200	0	11,960	1,401	0	0	0	0	0	0	0	4,332	2,125	559	209
Boat - Clarence Strait	6,369	7,557	11,883	11	598	14,504	198	0	8,883	758	12	0	0	0	0	0	0	4,523	2,045	762	292
Boat - Revilla Channel	6,591	10,657	14,706	427	1,692	5,462	71	0	7,917	1,072	48	0	0	0	0	0	0	3,299	1,723	210	39
Boat - Tongass Narrows	1,716	3,346	4,139	277	309	2,230	9	0	1,841	22	0	0	0	0	0	0	0	679	617	33	53
Boat - Yes Bay	893	681	1,079	0	299	401	411	0	408	277	0	0	0	0	0	0	0	182	135	0	13
Boat - Bell Island	808	683	1,185	0	309	1,064	194	0	879	122	0	0	0	0	0	0	0	453	97	11	0
Boat - Other	3,729	2,923	5,951	0	548	4,965	94	0	4,679	533	0	0	0	0	0	0	0	1,838	298	190	396
Shoreline - Mountain Point	640	1,848	2,042	21	21	182	33	0	2,394	99	0	0	0	0	0	0	0	0	18	0	0
Shoreline - Other	930	1,465	1,866	0	54	365	275	0	909	89	25	0	0	97	0	0	0	10	34	0	0
SALTWATER TOTAL	22,320 <sup>d</sup>	42,036	62,449	736	4,701	46,896	1,485	0	39,870	4,373	85	0	0	97	0	0	0	15,316	7,092	1,765	1,002
FRESHWATER:																					
Naha River	357	261	516	0	0	0	146	0	166	0	37	0	0	0	0	0	0	0	0	0	0
Ward Cove Creek	424	1,806	1,807	0	0	124	0	0	0	44	36	0	0	0	0	0	0	0	0	0	0
Ketchikan Creek	640	1,562	1,661	0	0	88	0	0	389	0	0	11	0	0	0	0	0	0	0	0	0
Other Streams	921	1,765	2,994	0	0	654	114	0	2,657	230	2,163	0	58	549	0	0	0	0	0	0	0
Other Lakes	1,069	1,170	2,099	0	0	149	0	0	0	0	135	0	261	530	0	0	0	0	0	0	0
FRESHWATER TOTAL	2,977 <sup>d</sup>	6,564	9,077	0	0	1,015	260	0	3,212	274	2,371	11	319	1,079	0	0	0	0	0	0	0
GRAND TOTAL	24,000 <sup>d</sup>	48,600	71,526	736	4,701	47,911	1,745	0	43,082	4,647	2,456	11	319	1,176	0	0	0	15,316	7,092	1,765	1,002

<sup>a</sup> Ketchikan (Area A): All waters of Alaska, including drainages, from Portland Inlet to, but not including, Ernest Sound; including Duke, Annette, and Gravina Islands.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

<sup>d</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.



**Appendix A52.-Ketchikan Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		KI <sup>d</sup>	KS <sup>d</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	RF	LC	OTHER	
	Trips	Fished																			
<b>SALTWATER:</b>																					
Boat - East, West Behm Canals	1,455	2,198	0	216	2,333	103	0	1,676	276	0	0	0	0	0	0	0	683	387	158	116	
Boat - Clarence Strait	792	1,487	10	113	2,243	92	0	1,392	179	12	0	0	0	0	0	0	609	394	192	140	
Boat - Revilla Channel	1,087	1,676	117	317	713	39	0	1,314	405	34	0	0	0	0	0	0	446	355	70	29	
Boat - Tongass Narrows	679	750	208	153	574	9	0	538	15	0	0	0	0	0	0	0	254	214	17	42	
Boat - Yes Bay	145	224	0	216	198	288	0	273	203	0	0	0	0	0	0	0	77	80	0	13	
Boat - Bell Island	178	316	0	157	367	175	0	275	87	0	0	0	0	0	0	0	161	54	11	0	
Boat - Other	347	1,292	0	131	930	47	0	1,032	238	0	0	0	0	0	0	0	374	120	72	296	
Shoreline - Mountain Point	502	539	21	21	87	33	0	736	83	0	0	0	0	0	0	0	0	17	0	0	
Shoreline - Other	405	430	0	43	169	205	0	370	70	24	0	0	91	0	0	0	10	32	0	0	
<b>SALTWATER TOTAL</b>	<b>2,371</b>	<b>3,718</b>	<b>243</b>	<b>542</b>	<b>3,600</b>	<b>424</b>	<b>0</b>	<b>3,015</b>	<b>644</b>	<b>43</b>	<b>0</b>	<b>0</b>	<b>91</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,138</b>	<b>705</b>	<b>260</b>	<b>346</b>	
<b>FRESHWATER:</b>																					
Naha River	70	148	0	0	0	141	0	128	0	36	0	0	0	0	0	0	0	0	0	0	
Ward Cove Creek	739	702	0	0	65	0	0	0	44	36	0	0	0	0	0	0	0	0	0	0	
Ketchikan Creek	551	536	0	0	54	0	0	185	0	0	11	0	0	0	0	0	0	0	0	0	
Other Streams	573	1,048	0	0	397	60	0	1,061	182	1,779	0	30	289	0	0	0	0	0	0	0	
Other Lakes	282	415	0	0	127	0	0	0	0	129	0	176	183	0	0	0	0	0	0	0	
<b>FRESHWATER TOTAL</b>	<b>1,150</b>	<b>1,464</b>	<b>0</b>	<b>0</b>	<b>425</b>	<b>152</b>	<b>0</b>	<b>1,084</b>	<b>189</b>	<b>1,779</b>	<b>11</b>	<b>178</b>	<b>344</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>GRAND TOTAL</b>	<b>2,637</b>	<b>4,039</b>	<b>243</b>	<b>542</b>	<b>3,628</b>	<b>438</b>	<b>0</b>	<b>3,178</b>	<b>665</b>	<b>1,784</b>	<b>11</b>	<b>178</b>	<b>353</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,138</b>	<b>705</b>	<b>260</b>	<b>346</b>	

<sup>a</sup> Ketchikan (Area A): All waters of Alaska, including drainages, from Portland Inlet to, but not including, Ernest Sound; including Duke, Annette, and Gravina Islands.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

**Appendix A53.-Prince of Wales Island Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Trips	Days																	
			Fished	KI <sup>c</sup>	KS <sup>c</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	GR	SM	HA	RF	LC	OTHER
<b>SALTWATER:</b>																				
Boat - Waterfall Bay	1,779	1,844	3,392	0	1,487	9,404	234	0	2,374	175	0	0	0	0	0	0	4,449	734	1,352	66
Boat - Thorne Bay	371	792	1,085	0	0	403	0	0	609	44	73	0	0	49	0	0	149	364	99	0
Boat - Eastside Prince of Wales Island	3,360	5,980	8,854	0	449	6,628	78	0	5,367	1,088	98	0	0	216	0	0	4,212	3,517	615	66
Boat - Westside Prince of Wales Island	6,604	10,233	16,162	0	4,406	26,245	271	0	5,612	351	254	0	0	0	0	0	12,570	3,826	3,383	185
Boat - Other	1,398	2,441	3,084	0	491	4,582	0	0	1,127	44	133	0	0	0	0	0	1,886	980	487	106
Shoreline	151	1,178	1,279	0	0	1,617	46	0	228	0	0	0	0	0	0	0	0	25	0	0
<b>SALTWATER TOTAL</b>	<b>12,805<sup>d</sup></b>	<b>22,468</b>	<b>33,856</b>	<b>0</b>	<b>6,833</b>	<b>48,879</b>	<b>629</b>	<b>0</b>	<b>15,317</b>	<b>1,702</b>	<b>558</b>	<b>0</b>	<b>0</b>	<b>265</b>	<b>0</b>	<b>0</b>	<b>23,266</b>	<b>9,446</b>	<b>5,936</b>	<b>423</b>
<b>FRESHWATER:</b>																				
Thorne System (Stream, Lake)	1,090	3,573	3,915	0	0	1,673	183	0	779	0	2,332	0	53	121	0	0	0	0	0	0
Sarkar System (Stream, Lake)	204	170	234	0	0	134	42	0	0	0	25	0	0	43	0	0	0	0	0	0
Other Systems	384	478	718	0	0	475	335	0	62	0	49	0	51	33	0	0	0	0	0	0
Karta River	509	454	1,327	0	0	96	474	0	41	0	25	0	0	43	0	0	0	0	0	0
Klawock River	315	736	829	0	0	241	0	0	31	11	37	0	0	168	0	0	0	0	0	0
Staney Creek	550	545	703	0	0	519	0	0	21	0	110	0	0	0	0	0	0	0	0	0
Eagle Creek	303	190	316	0	0	40	0	0	83	0	0	0	0	11	0	0	0	0	0	0
Harris River	190	366	476	0	0	402	0	0	0	0	123	0	0	0	0	0	0	0	0	0
Other Streams	891	1,075	1,462	0	0	1,194	93	0	344	0	135	0	13	102	0	0	0	0	0	0
Other Lakes	412	443	959	0	0	139	9	0	0	0	12	0	206	92	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>2,776<sup>d</sup></b>	<b>8,030</b>	<b>10,939</b>	<b>0</b>	<b>0</b>	<b>4,913</b>	<b>1,136</b>	<b>0</b>	<b>1,361</b>	<b>11</b>	<b>2,848</b>	<b>0</b>	<b>323</b>	<b>613</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>14,292<sup>d</sup></b>	<b>30,498</b>	<b>44,795</b>	<b>0</b>	<b>6,833</b>	<b>53,792</b>	<b>1,765</b>	<b>0</b>	<b>16,678</b>	<b>1,713</b>	<b>3,406</b>	<b>0</b>	<b>323</b>	<b>878</b>	<b>0</b>	<b>0</b>	<b>23,266</b>	<b>9,446</b>	<b>5,936</b>	<b>423</b>

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

<sup>d</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A54.-Prince of Wales Island Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		KI <sup>d</sup>	KS <sup>d</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	GR	SM	HA	RF	LC	OTHER
	Trips	Fished																	
<b>SALTWATER:</b>																			
Boat - Waterfall Bay	253	436	0	327	1,665	187	0	611	112	0	0	0	0	0	0	648	243	281	56
Boat - Thorne Bay	289	433	0	0	176	0	0	428	44	71	0	0	48	0	0	76	227	61	0
Boat - Eastside Prince of Wales Island	910	1,357	0	143	1,105	56	0	1,331	442	62	0	0	199	0	0	554	738	151	41
Boat - Westside Prince of Wales Island	1,131	1,522	0	480	2,913	120	0	1,636	111	238	0	0	0	0	0	977	604	425	107
Boat - Other	491	520	0	155	1,085	0	0	462	27	124	0	0	0	0	0	362	292	139	72
Shoreline	841	807	0	0	1,401	33	0	198	0	0	0	0	0	0	0	0	25	0	0
<b>SALTWATER TOTAL</b>	<b>1,794</b>	<b>2,327</b>	<b>0</b>	<b>611</b>	<b>3,934</b>	<b>231</b>	<b>0</b>	<b>2,264</b>	<b>468</b>	<b>283</b>	<b>0</b>	<b>0</b>	<b>203</b>	<b>0</b>	<b>0</b>	<b>1,344</b>	<b>1,058</b>	<b>551</b>	<b>146</b>
<b>FRESHWATER:</b>																			
Thorne System (Stream, Lake)	1,469	1,410	0	0	573	115	0	462	0	1,925	0	45	67	0	0	0	0	0	0
Sarkar System (Stream, Lake)	52	72	0	0	120	42	0	0	0	25	0	0	44	0	0	0	0	0	0
Other Systems	167	213	0	0	244	314	0	44	0	50	0	41	24	0	0	0	0	0	0
Karta River	136	401	0	0	77	236	0	30	0	18	0	0	22	0	0	0	0	0	0
Klawock River	314	309	0	0	140	0	0	31	11	27	0	0	131	0	0	0	0	0	0
Staney Creek	134	156	0	0	278	0	0	20	0	82	0	0	0	0	0	0	0	0	0
Eagle Creek	56	102	0	0	38	0	0	79	0	0	0	0	11	0	0	0	0	0	0
Harris River	152	184	0	0	312	0	0	0	0	120	0	0	0	0	0	0	0	0	0
Other Streams	227	259	0	0	569	56	0	160	0	90	0	13	43	0	0	0	0	0	0
Other Lakes	120	359	0	0	101	9	0	0	0	12	0	124	65	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>1,543</b>	<b>1,597</b>	<b>0</b>	<b>0</b>	<b>966</b>	<b>420</b>	<b>0</b>	<b>502</b>	<b>11</b>	<b>1,938</b>	<b>0</b>	<b>141</b>	<b>172</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>2,354</b>	<b>2,787</b>	<b>0</b>	<b>611</b>	<b>4,008</b>	<b>490</b>	<b>0</b>	<b>2,307</b>	<b>468</b>	<b>1,958</b>	<b>0</b>	<b>141</b>	<b>263</b>	<b>0</b>	<b>0</b>	<b>1,344</b>	<b>1,058</b>	<b>551</b>	<b>146</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

**Appendix A55.-Kake, Petersburg, Wrangell, Stikine Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Trips	Days																			
			Fished	KI <sup>c</sup>	KS <sup>c</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	WF	SM	HA	RF	LC	OTHER
<b>SALTWATER:</b>																						
Boat - Terminal Harvest Area near Petersburg (in Wrangell narrows)	2,166	3,688	4,717	341	1,526	604	9	0	176	132	111	0	0	0	0	0	0	0	1,003	129	11	79
Boat - Frederick Sound near Petersburg	2,563	4,313	5,716	0	650	344	26	0	21	22	73	0	0	36	0	0	0	666	3,441	156	31	13
Boat - Rest of Petersburg Area	1,995	3,882	4,685	0	203	905	101	0	62	11	147	0	0	114	0	0	0	0	1,423	88	11	0
Boat - Wrangell Area	1,894	3,129	3,870	0	971	970	102	0	41	110	111	0	0	22	0	0	0	0	1,772	101	44	127
Boat - Kake Area	369	666	928	0	106	96	0	0	228	0	0	0	0	0	0	0	0	0	417	226	42	0
Boat - Sumner Strait	481	513	983	0	64	89	92	0	0	22	0	0	0	0	0	0	0	0	798	54	48	0
Boat - Other	1,261	3,074	3,946	0	325	2,104	0	0	581	22	123	0	0	0	0	0	0	0	1,380	224	88	13
Shoreline - Petersburg Road System	260	551	696	0	21	156	8	0	0	0	183	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	230	899	946	11	149	199	0	0	118	0	158	0	0	121	0	0	0	0	0	107	0	209
<b>SALTWATER TOTAL</b>	<b>8,482<sup>d</sup></b>	<b>20,715</b>	<b>26,487</b>	<b>352</b>	<b>4,015</b>	<b>5,467</b>	<b>338</b>	<b>0</b>	<b>1,227</b>	<b>319</b>	<b>906</b>	<b>0</b>	<b>0</b>	<b>293</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>666</b>	<b>10,234</b>	<b>1,085</b>	<b>275</b>	<b>441</b>
<b>FRESHWATER:</b>																						
Blind Slough (in Wrangell Narrows)	824	1,277	1,595	181	491	128	0	0	0	66	61	0	0	11	0	0	0	0	0	0	0	0
Petersburg Creek	587	845	981	0	0	201	46	0	31	0	195	12	21	12	0	0	0	0	0	0	0	0
Other Streams	1,027	1,850	2,821	0	0	844	169	0	162	44	255	11	0	289	24	0	0	0	0	0	0	0
Lakes	424	384	648	0	0	0	137	0	0	0	206	12	63	198	13	0	0	0	0	0	0	0
Systems	55	188	186	0	0	0	0	0	0	0	0	0	21	73	0	0	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>2,177<sup>d</sup></b>	<b>4,544</b>	<b>6,231</b>	<b>181</b>	<b>491</b>	<b>1,173</b>	<b>352</b>	<b>0</b>	<b>193</b>	<b>110</b>	<b>717</b>	<b>35</b>	<b>105</b>	<b>583</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>9,330<sup>d</sup></b>	<b>25,259</b>	<b>32,718</b>	<b>533</b>	<b>4,506</b>	<b>6,640</b>	<b>690</b>	<b>0</b>	<b>1,420</b>	<b>429</b>	<b>1,623</b>	<b>35</b>	<b>105</b>	<b>876</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>666</b>	<b>10,234</b>	<b>1,085</b>	<b>275</b>	<b>441</b>

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

<sup>d</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A56.-Kake, Petersburg, Wrangell, Stikine Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		KI <sup>d</sup>	KS <sup>d</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	WF	SM	HA	RF	LC	OTHER
	Trips	Fished																			
<b>SALTWATER:</b>																					
Boat - Terminal Harvest Area near Petersburg (in Wrangell Narrows)	516	613	165	271	174	9	0	108	82	83	0	0	0	0	0	0	0	238	77	11	80
Boat - Frederick Sound near Petersburg	710	880	0	182	126	20	0	20	16	76	0	0	38	0	0	0	644	901	68	24	13
Boat - Rest of Petersburg Area	1,077	1,082	0	75	284	87	0	34	11	88	0	0	77	0	0	0	0	246	52	11	0
Boat - Wrangell Area	495	533	0	263	313	86	0	29	63	75	0	0	21	0	0	0	0	323	74	31	120
Boat - Kake Area	226	308	0	66	51	0	0	211	0	0	0	0	0	0	0	0	0	148	136	33	0
Boat - Sumner Strait	177	351	0	48	54	87	0	0	22	0	0	0	0	0	0	0	0	267	55	28	0
Boat - Other	1,251	1,213	0	102	731	0	0	324	15	118	0	0	0	0	0	0	0	288	137	68	13
Shoreline - Petersburg Road System	183	208	0	20	122	8	0	0	0	112	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Other	407	390	11	83	99	0	0	101	0	79	0	0	77	0	0	0	0	0	106	0	202
<b>SALTWATER TOTAL</b>	<b>1,999</b>	<b>2,135</b>	<b>165</b>	<b>456</b>	<b>914</b>	<b>155</b>	<b>0</b>	<b>423</b>	<b>111</b>	<b>243</b>	<b>0</b>	<b>0</b>	<b>115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>644</b>	<b>1,080</b>	<b>258</b>	<b>94</b>	<b>246</b>
<b>FRESHWATER:</b>																					
Blind Slough (in Wrangell Narrows)	313	344	113	198	60	0	0	0	55	51	0	0	11	0	0	0	0	0	0	0	0
Petersburg Creek	228	238	0	0	90	38	0	23	0	101	12	21	12	0	0	0	0	0	0	0	0
Other Streams	479	548	0	0	237	88	0	84	32	112	11	0	115	24	0	0	0	0	0	0	0
Lakes	97	161	0	0	0	135	0	0	0	180	12	47	105	13	0	0	0	0	0	0	0
Systems	142	143	0	0	0	0	0	0	0	0	0	21	54	0	0	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>629</b>	<b>724</b>	<b>113</b>	<b>198</b>	<b>259</b>	<b>166</b>	<b>0</b>	<b>87</b>	<b>65</b>	<b>241</b>	<b>21</b>	<b>56</b>	<b>164</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>2,089</b>	<b>2,240</b>	<b>205</b>	<b>509</b>	<b>953</b>	<b>220</b>	<b>0</b>	<b>425</b>	<b>129</b>	<b>344</b>	<b>21</b>	<b>56</b>	<b>202</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>644</b>	<b>1,080</b>	<b>258</b>	<b>94</b>	<b>246</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

**Appendix A57.-Sitka Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Days																					
	Anglers	Trips	Fished	KI <sup>c</sup>	KS <sup>c</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	RF	LC	RCL	OTHER
<b>SALTWATER:</b>																						
Boat - Crescent Bay (Sheldon Jackson Hatchery Area)	1,324	1,258	1,705	0	480	794	0	0	368	330	0	0	0	0	0	0	0	315	274	97	0	0
Boat - Starrigavan Bay	1,586	1,705	2,182	0	181	473	0	0	792	373	24	0	0	0	0	0	0	337	368	149	0	0
Boat - Silver Bay	1,679	2,327	2,703	160	949	473	42	0	271	215	36	0	0	0	0	0	0	350	350	59	0	0
Boat - Other Sitka Sound, incl. Vitskari Island	8,778	13,830	18,211	0	6,359	11,039	1,230	0	1,805	2,160	110	0	0	0	0	0	0	5,411	3,790	1,945	0	26
Boat - Salisbury Sound	2,678	3,183	5,048	0	2,998	5,117	146	0	588	197	0	0	0	0	0	0	0	1,835	1,193	841	0	153
Boat - Icy Straight	905	1,364	2,498	0	576	791	0	0	253	99	61	0	0	0	0	0	0	2,195	341	35	0	72
Boat - Tenakee Inlet	363	638	1,044	0	200	299	0	0	173	133	12	0	0	0	0	0	0	273	34	0	0	0
Boat - Hoonah Area	488	511	1,124	0	371	451	0	0	321	89	12	0	0	0	0	0	0	831	0	33	0	0
Boat - Chatham Strait	477	535	970	0	99	544	0	0	114	15	0	0	0	0	0	0	0	397	265	48	0	0
Boat - Cross Sound	538	643	1,125	0	171	1,980	33	0	339	210	0	0	0	0	0	0	0	602	211	254	0	25
Boat - Elfin Cove	460	472	765	0	239	363	36	0	238	154	0	0	0	0	0	0	0	382	549	255	0	0
Boat - Kruzof Island	1,288	1,541	2,417	0	1,909	3,698	77	0	217	462	0	0	0	0	0	0	0	2,057	1,167	1,060	0	0
Boat - Baranof Island	715	849	1,398	0	32	585	118	0	208	11	12	0	0	0	0	0	0	300	43	63	0	0
Boat - Whale Bay	316	396	935	0	139	717	200	0	207	11	0	0	0	0	0	0	0	382	85	22	0	0
Boat - Chichagof Island	316	631	702	0	171	139	0	0	0	55	12	0	0	0	0	0	0	335	17	33	0	0
Boat - Other	6,114	7,282	12,325	0	3,813	6,956	498	0	1,338	1,149	270	0	0	0	0	0	0	4,468	1,801	1,463	0	157
Shoreline - Crescent Bay (Sheldon Jackson Hatchery Area)	247	814	945	0	277	30	0	0	0	0	425	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Starrigavan Bay	758	1,445	1,722	0	11	221	0	0	2,418	540	219	0	0	0	0	0	0	109	0	66	0	0
Shoreline - Other Sitka Sound	750	1,290	1,450	21	288	380	50	0	49	33	36	0	0	0	0	0	0	108	144	64	0	253
Shoreline - Other	828	825	1,287	0	203	363	359	0	99	89	281	0	0	0	0	0	0	153	96	105	228	0
<b>SALTWATER TOTAL</b>	<b>23,354<sup>d</sup></b>	<b>41,539</b>	<b>60,556</b>	<b>181</b>	<b>19,466</b>	<b>35,413</b>	<b>2,789</b>	<b>0</b>	<b>9,798</b>	<b>6,325</b>	<b>1,510</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,840</b>	<b>10,728</b>	<b>6,592</b>	<b>228</b>	<b>686</b>
<b>FRESHWATER:</b>																						
Baranof System (Lake, Stream)	234	212	364	0	0	0	0	0	0	0	0	0	0	144	0	0	0	0	0	0	0	0
Other Systems	439	290	600	0	0	248	18	0	0	154	257	0	40	67	0	0	0	0	0	0	0	0
Other Streams	819	1,280	1,526	43	53	231	100	0	62	0	440	24	43	12	0	0	0	0	0	0	0	0
Blue Lake	230	780	776	0	0	0	0	0	0	0	0	0	865	0	0	0	0	0	0	0	0	0
Other Lakes	543	762	1,160	0	0	0	134	0	0	0	110	0	40	128	73	12	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>1,899<sup>d</sup></b>	<b>3,324</b>	<b>4,426</b>	<b>43</b>	<b>53</b>	<b>479</b>	<b>252</b>	<b>0</b>	<b>62</b>	<b>154</b>	<b>807</b>	<b>24</b>	<b>988</b>	<b>351</b>	<b>73</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>23,930<sup>d</sup></b>	<b>44,863</b>	<b>64,982</b>	<b>224</b>	<b>19,519</b>	<b>35,892</b>	<b>3,041</b>	<b>0</b>	<b>9,860</b>	<b>6,479</b>	<b>2,317</b>	<b>24</b>	<b>988</b>	<b>351</b>	<b>73</b>	<b>12</b>	<b>0</b>	<b>20,840</b>	<b>10,728</b>	<b>6,592</b>	<b>228</b>	<b>686</b>

<sup>a</sup> Sitka (Area D): Baranof, Kruzof, Catherine, Yakobi, Inian, Lemesurier, Chichagof, and lesser islands and associated waters of Alaska, including drainages.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

<sup>d</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A58.-Sitka Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		KI <sup>d</sup>	KS <sup>d</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	RF	LC	RCL	OTHER
	Trips	Fished																			
<b>SALTWATER:</b>																					
Boat - Crescent Bay (Sheldon Jackson Hatchery Area)	196	244	0	139	413	0	0	148	141	0	0	0	0	0	0	0	106	106	49	0	0
Boat - Starrigavan Bay	365	435	0	68	189	0	0	283	134	25	0	0	0	0	0	0	108	201	63	0	0
Boat - Silver Bay	410	449	67	291	167	36	0	94	120	35	0	0	0	0	0	0	101	140	36	0	0
Boat - Other Sitka Sound, incl. Vitskari Island	1,091	1,364	0	591	1,516	583	0	288	353	77	0	0	0	0	0	0	675	539	264	0	27
Boat - Salisbury Sound	418	579	0	500	1,053	107	0	334	66	0	0	0	0	0	0	0	342	270	202	0	133
Boat - Icy Straight	339	532	0	270	358	0	0	132	61	44	0	0	0	0	0	0	586	171	34	0	64
Boat - Tenakee Inlet	217	379	0	87	146	0	0	114	137	12	0	0	0	0	0	0	148	27	0	0	0
Boat - Hoonah Area	153	338	0	240	194	0	0	188	90	12	0	0	0	0	0	0	353	0	24	0	0
Boat - Chatham Strait	146	264	0	53	315	0	0	89	14	0	0	0	0	0	0	0	131	226	31	0	0
Boat - Cross Sound	159	301	0	78	1,091	32	0	233	138	0	0	0	0	0	0	0	167	170	128	0	24
Boat - Elfin Cove	130	199	0	136	212	29	0	161	115	0	0	0	0	0	0	0	135	304	134	0	0
Boat - Kruzof Island	239	351	0	381	1,249	54	0	82	243	0	0	0	0	0	0	0	439	451	346	0	0
Boat - Baranof Island	182	291	0	24	385	85	0	145	11	12	0	0	0	0	0	0	106	42	54	0	0
Boat - Whale Bay	142	268	0	77	389	200	0	196	10	0	0	0	0	0	0	0	210	51	16	0	0
Boat - Chichagof Island	335	341	0	103	120	0	0	0	53	12	0	0	0	0	0	0	139	18	24	0	0
Boat - Other	694	1,361	0	524	1,079	334	0	377	237	136	0	0	0	0	0	0	510	361	273	0	96
Shoreline - Crescent Bay (Sheldon Jackson Hatchery Area)	409	477	0	263	28	0	0	0	0	323	0	0	0	0	0	0	0	0	0	0	0
Shoreline - Starrigavan Bay	433	449	0	11	166	0	0	889	343	129	0	0	0	0	0	0	115	0	70	0	0
Shoreline - Other Sitka Sound	313	312	20	140	213	50	0	48	24	38	0	0	0	0	0	0	70	67	41	0	178
Shoreline - Other	151	220	0	136	137	273	0	42	88	119	0	0	0	0	0	0	125	42	105	234	0
<b>SALTWATER TOTAL</b>	<b>1,765</b>	<b>2,502</b>	<b>69</b>	<b>1,183</b>	<b>2,943</b>	<b>778</b>	<b>0</b>	<b>1,198</b>	<b>715</b>	<b>414</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,305</b>	<b>983</b>	<b>611</b>	<b>234</b>	<b>255</b>
<b>FRESHWATER:</b>																					
Baranof System (Lake, Stream)	68	122	0	0	0	0	0	0	0	0	0	0	113	0	0	0	0	0	0	0	0
Other Systems	74	170	0	0	111	19	0	0	153	145	0	30	51	0	0	0	0	0	0	0	0
Other Streams	425	427	32	51	101	101	0	47	0	180	25	34	12	0	0	0	0	0	0	0	0
Blue Lake	364	347	0	0	0	0	0	0	0	0	0	526	0	0	0	0	0	0	0	0	0
Other Lakes	222	272	0	0	0	132	0	0	0	81	0	38	71	53	12	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>626</b>	<b>661</b>	<b>32</b>	<b>51</b>	<b>153</b>	<b>168</b>	<b>0</b>	<b>47</b>	<b>153</b>	<b>244</b>	<b>25</b>	<b>527</b>	<b>141</b>	<b>53</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>1,887</b>	<b>2,590</b>	<b>76</b>	<b>1,183</b>	<b>2,951</b>	<b>793</b>	<b>0</b>	<b>1,198</b>	<b>735</b>	<b>489</b>	<b>25</b>	<b>527</b>	<b>141</b>	<b>53</b>	<b>12</b>	<b>0</b>	<b>1,305</b>	<b>983</b>	<b>611</b>	<b>234</b>	<b>255</b>

<sup>a</sup> Sitka (Area D): Baranof, Kruzof, Catherine, Yakobi, Inian, Lemesurier, Chichagof, and lesser islands and associated waters of Alaska, including drainages.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

### Appendix A59.-Juneau Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.

	Anglers	Days		KI <sup>c</sup>	KS <sup>c</sup>	SS	LL	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	RF	LC	OTHER
		Trips	Fished																			
SALTWATER:																						
Boat - Doty Cove to Berners Bay and west to Pt. Retreat	14,546	39,744	48,361	129	8,245	16,483	0	196	0	2,466	2,325	790	0	0	108	0	0	0	8,252	1,420	92	107
Boat - Angoon Area	1,541	1,921	3,250	0	1,025	4,453	0	334	0	2,157	1,010	172	0	0	0	0	0	0	2,830	544	199	26
Boat - Stephens Passage	1,460	1,926	2,856	0	635	833	0	18	0	235	121	208	0	0	0	0	0	0	489	129	34	0
Boat - Lynn Canal	1,086	1,222	1,812	0	266	433	0	18	0	51	55	135	0	0	0	0	0	0	715	18	11	0
Boat - Admiralty Island	845	992	1,686	0	384	1,257	0	0	0	539	132	0	0	0	0	0	0	0	1,016	489	33	0
Boat - Funter Bay	704	1,012	1,631	0	374	972	0	0	0	31	88	0	0	0	0	0	0	0	390	88	11	95
Boat - Chatham Strait	367	384	584	0	160	185	0	0	0	218	0	74	0	0	0	0	0	0	396	51	11	26
Boat - Hand Troller Cove	378	741	827	0	11	565	0	0	0	29	22	24	0	0	0	0	0	0	20	0	0	0
Boat - Other	4,184	3,968	6,353	0	1,145	3,122	0	55	0	866	204	232	0	0	0	0	0	0	2,027	269	11	0
Shoreline - Sheep Creek Area	1,192	1,681	2,060	0	32	77	0	0	0	229	555	364	0	0	0	0	0	0	0	0	0	0
Shoreline - Auke Creek Mouth	792	943	1,171	75	107	214	0	0	0	10	77	84	0	0	0	0	0	0	98	0	0	40
Shoreline - Gastineau Hatchery - DIPAC	2,643	5,622	6,088	192	836	1,228	0	0	0	281	606	304	0	0	0	0	0	0	0	0	0	6
Shoreline - Other Juneau Road System	2,620	5,856	6,205	0	481	602	0	0	0	235	332	1,081	0	0	12	0	0	0	181	0	11	51
Shoreline - Other	711	690	989	0	43	159	0	0	0	42	22	135	0	0	12	0	0	0	0	0	0	92
SALTWATER TOTAL	26,142 <sup>d</sup>	66,702	83,873	396	13,744	30,583	0	621	0	7,389	5,549	3,603	0	0	132	0	0	0	16,414	3,008	413	443
FRESHWATER:																						
Fish Creek (Douglas Island)	924	1,261	1,432	75	203	30	0	0	0	10	88	0	0	0	0	0	0	0	0	0	0	0
Peterson Creek and Salt Chuck	392	1,063	1,076	0	0	0	0	17	0	0	22	36	0	0	48	0	0	0	0	0	0	0
Cowee Creek	666	1,477	1,639	0	0	361	0	0	0	72	66	231	0	0	0	0	0	0	0	0	0	0
Montana Creek	805	2,225	2,241	0	64	353	0	9	0	20	33	473	0	0	0	0	0	0	0	0	0	0
Other Juneau Road System	845	1,541	1,718	0	202	85	0	0	0	10	89	0	0	0	73	77	0	0	0	0	0	0
Other Streams	1,286	1,624	2,470	0	0	935	0	451	0	740	22	694	0	11	408	36	0	0	0	0	0	0
Turner Lake	297	325	597	0	0	0	0	32	0	0	123	0	0	0	0	0	0	0	0	0	0	0
Other Lakes	926	1,275	1,861	0	0	125	36	8	44	20	0	122	24	85	469	0	0	0	0	0	0	0
FRESHWATER TOTAL	4,624 <sup>d</sup>	10,791	13,034	75	469	1,889	36	485	76	872	320	1,679	24	96	998	113	0	0	0	0	0	0
GRAND TOTAL	28,160 <sup>d</sup>	77,493	96,907	471	14,213	32,472	36	1,106	76	8,261	5,869	5,282	24	96	1,130	113	0	0	16,414	3,008	413	443

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

<sup>d</sup> ...



## Appendix A60.-Juneau Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.

	Days		KI <sup>d</sup>	KS <sup>d</sup>	SS	LL	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	SM	HA	RF	LC	OTHER
	Trips	Fished																			
<b>SALTWATER:</b>																					
Boat - Doty Cove to Berners Bay and west to Pt. Retreat	3,772	4,092	49	1,044	1,412	0	69	0	441	339	191	0	0	75	0	0	0	769	365	42	71
Boat - Angoon Area	380	510	0	228	1,046	0	199	0	652	513	100	0	0	0	0	0	0	548	192	128	27
Boat - Stephens Passage	369	482	0	196	260	0	13	0	123	60	127	0	0	0	0	0	0	143	96	36	0
Boat - Lynn Canal	282	402	0	101	147	0	19	0	29	35	128	0	0	0	0	0	0	198	17	11	0
Boat - Admiralty Island	317	386	0	152	386	0	0	0	340	64	0	0	0	0	0	0	0	310	432	24	0
Boat - Funter Bay	244	425	0	125	332	0	0	0	18	60	0	0	0	0	0	0	0	165	59	11	96
Boat - Chatham Strait	112	162	0	79	103	0	0	0	213	0	76	0	0	0	0	0	0	168	36	11	27
Boat - Hand Troller Cove	254	274	0	10	240	0	0	0	21	15	18	0	0	0	0	0	0	20	0	0	0
Boat - Other	476	867	0	243	782	0	39	0	301	110	95	0	0	0	0	0	0	390	127	11	0
Shoreline - Sheep Creek Area	334	383	0	18	34	0	0	0	162	287	142	0	0	0	0	0	0	0	0	0	0
Shoreline - Auke Creek Mouth	234	246	49	55	78	0	0	0	11	56	50	0	0	0	0	0	0	62	0	0	30
Shoreline - Gastineau Hatchery - DIPAC	904	899	113	237	351	0	0	0	123	163	122	0	0	0	0	0	0	0	0	0	6
Shoreline - Other Juneau Road System	942	919	0	195	184	0	0	0	118	101	303	0	0	12	0	0	0	84	0	11	32
Shoreline - Other	156	196	0	25	90	0	0	0	29	16	79	0	0	12	0	0	0	0	0	0	71
<b>SALTWATER TOTAL</b>	<b>4,096</b>	<b>4,537</b>	<b>132</b>	<b>1,186</b>	<b>2,082</b>	<b>0</b>	<b>215</b>	<b>0</b>	<b>958</b>	<b>725</b>	<b>484</b>	<b>0</b>	<b>0</b>	<b>76</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,128</b>	<b>621</b>	<b>147</b>	<b>152</b>
<b>FRESHWATER:</b>																					
Fish Creek (Douglas Island)	301	304	36	85	29	0	0	0	10	46	0	0	0	0	0	0	0	0	0	0	0
Peterson Creek and Salt Chuck	512	487	0	0	0	0	17	0	0	22	28	0	0	47	0	0	0	0	0	0	0
Cowee Creek	536	580	0	0	166	0	0	0	38	49	93	0	0	0	0	0	0	0	0	0	0
Montana Creek	595	573	0	47	222	0	9	0	20	25	211	0	0	0	0	0	0	0	0	0	0
Other Juneau Road System	462	462	0	93	63	0	0	0	11	57	0	0	0	73	61	0	0	0	0	0	0
Other Streams	421	493	0	0	462	0	224	0	607	22	231	0	11	181	37	0	0	0	0	0	0
Turner Lake	142	190	0	0	0	0	19	0	0	75	0	0	0	0	0	0	0	0	0	0	0
Other Lakes	286	383	0	0	82	27	8	38	20	0	95	25	62	230	0	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>1,203</b>	<b>1,258</b>	<b>36</b>	<b>136</b>	<b>554</b>	<b>27</b>	<b>224</b>	<b>42</b>	<b>610</b>	<b>96</b>	<b>348</b>	<b>25</b>	<b>63</b>	<b>302</b>	<b>70</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>4,257</b>	<b>4,698</b>	<b>136</b>	<b>1,191</b>	<b>2,160</b>	<b>27</b>	<b>313</b>	<b>42</b>	<b>1,132</b>	<b>733</b>	<b>580</b>	<b>25</b>	<b>63</b>	<b>314</b>	<b>70</b>	<b>0</b>	<b>0</b>	<b>1,128</b>	<b>621</b>	<b>147</b>	<b>152</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

**Appendix A61.-Haines-Skagway Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Days																					
		Trips	Fished	KI <sup>c</sup>	KS <sup>c</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	WF	SM	HA	RF	LC	OTHER	
<b>SKAGWAY SUB-AREA</b>																							
<b>SALTWATER:</b>																							
Boat	1,689	1,644	3,245	32	361	185	0	0	196	37	94	0	0	0	0	0	0	0	239	0	0	0	
Shoreline	320	705	857	0	21	38	0	0	20	22	81	0	0	0	0	0	0	0	0	0	0	0	
<b>SALTWATER TOTAL</b>	<b>1,859<sup>d</sup></b>	<b>2,349</b>	<b>4,102</b>	<b>32</b>	<b>382</b>	<b>223</b>	<b>0</b>	<b>0</b>	<b>216</b>	<b>59</b>	<b>175</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>239</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>FRESHWATER:</b>																							
Streams	528	1,239	1,404	0	0	146	0	0	277	33	667	0	0	0	0	0	0	109	0	0	0	0	
Lakes	187	278	310	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>624<sup>d</sup></b>	<b>1,517</b>	<b>1,714</b>	<b>0</b>	<b>0</b>	<b>146</b>	<b>0</b>	<b>0</b>	<b>277</b>	<b>33</b>	<b>667</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>109</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>SKAGWAY SUB-AREA TOTAL</b>	<b>2,362<sup>d</sup></b>	<b>3,866</b>	<b>5,816</b>	<b>32</b>	<b>382</b>	<b>369</b>	<b>0</b>	<b>0</b>	<b>493</b>	<b>92</b>	<b>842</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>109</b>	<b>239</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>HAINES SUB-AREA</b>																							
<b>SALTWATER:</b>																							
Boat - Lynn Canal	790	1,432	2,501	0	110	9	0	0	62	0	354	0	0	0	0	0	0	0	365	74	7	18	
Boat - Other	1,532	3,060	4,049	0	239	37	78	0	56	48	288	0	0	12	0	0	0	0	605	246	0	222	
Shoreline	664	908	1,202	0	14	115	0	0	188	51	517	0	0	0	0	0	0	0	0	9	0	0	
<b>SALTWATER TOTAL</b>	<b>2,671<sup>d</sup></b>	<b>5,400</b>	<b>7,752</b>	<b>0</b>	<b>363</b>	<b>161</b>	<b>78</b>	<b>0</b>	<b>306</b>	<b>99</b>	<b>1,159</b>	<b>0</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>970</b>	<b>329</b>	<b>7</b>	<b>240</b>	
<b>FRESHWATER:</b>																							
Chilkoot River	2,078	3,260	4,566	0	0	390	360	0	1,645	184	1,245	0	0	0	0	0	0	218	0	0	0	0	
Chilkat River	1,029	2,243	3,084	0	0	553	135	0	125	239	727	0	0	12	0	0	0	0	0	0	0	0	
Other Streams	233	377	522	0	0	36	50	0	10	0	255	11	0	0	0	0	0	0	0	0	0	0	
Chilkoot Lake	1,458	1,707	2,252	0	0	234	115	0	475	0	853	0	0	11	0	0	0	0	0	0	0	0	
Chilkat Lake	371	743	968	0	0	78	164	0	0	11	398	0	0	294	0	0	0	0	0	0	0	0	
Other Lakes	192	114	192	0	0	0	0	0	0	0	41	0	0	0	0	291	0	0	0	0	0	0	
<b>FRESHWATER TOTAL</b>	<b>3,777<sup>d</sup></b>	<b>8,444</b>	<b>11,584</b>	<b>0</b>	<b>0</b>	<b>1,291</b>	<b>824</b>	<b>0</b>	<b>2,255</b>	<b>434</b>	<b>3,519</b>	<b>11</b>	<b>0</b>	<b>317</b>	<b>0</b>	<b>291</b>	<b>0</b>	<b>218</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>HAINES SUB-AREA TOTAL</b>	<b>5,472<sup>d</sup></b>	<b>13,844</b>	<b>19,336</b>	<b>0</b>	<b>363</b>	<b>1,452</b>	<b>902</b>	<b>0</b>	<b>2,561</b>	<b>533</b>	<b>4,678</b>	<b>11</b>	<b>0</b>	<b>329</b>	<b>0</b>	<b>291</b>	<b>0</b>	<b>218</b>	<b>970</b>	<b>329</b>	<b>7</b>	<b>240</b>	
<b>GRAND TOTAL</b>	<b>7,410<sup>d</sup></b>	<b>17,710</b>	<b>25,152</b>	<b>32</b>	<b>745</b>	<b>1,821</b>	<b>902</b>	<b>0</b>	<b>3,054</b>	<b>625</b>	<b>5,520</b>	<b>11</b>	<b>0</b>	<b>329</b>	<b>0</b>	<b>291</b>	<b>0</b>	<b>327</b>	<b>1,209</b>	<b>329</b>	<b>7</b>	<b>240</b>	

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

<sup>d</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A62.-Haines-Skagway Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		KI <sup>d</sup>	KS <sup>d</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	BT	GR	WF	SM	HA	RF	LC	OTHER
	Trips	Fished																			
SKAGWAY SUB-AREA																					
SALTWATER:																					
Boat	239	588	24	88	80	0	0	120	37	50	0	0	0	0	0	0	0	112	0	0	0
Shoreline	227	253	0	20	38	0	0	13	23	51	0	0	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	325	644	24	90	87	0	0	120	43	71	0	0	0	0	0	0	0	112	0	0	0
FRESHWATER:																					
Streams	390	383	0	0	62	0	0	152	26	437	0	0	0	0	0	0	105	0	0	0	0
Lakes	108	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	405	398	0	0	62	0	0	152	26	437	0	0	0	0	0	0	105	0	0	0	0
SKAGWAY SUB-AREA TOTAL	531	776	24	90	109	0	0	196	50	444	0	0	0	0	0	0	105	112	0	0	0
HAINES SUB-AREA																					
SALTWATER:																					
Boat - Lynn Canal	522	1,175	0	46	9	0	0	39	0	165	0	0	0	0	0	0	0	122	49	7	17
Boat - Other	894	936	0	89	29	63	0	44	38	192	0	0	12	0	0	0	0	158	179	0	150
Shoreline	208	246	0	14	58	0	0	70	36	184	0	0	0	0	0	0	0	0	9	0	0
SALTWATER TOTAL	1,051	1,526	0	101	65	63	0	93	52	312	0	0	12	0	0	0	0	205	187	7	150
FRESHWATER:																					
Chilkoot River	593	670	0	0	113	126	0	476	132	289	0	0	0	0	0	0	214	0	0	0	0
Chilkat River	702	786	0	0	180	60	0	56	119	204	0	0	12	0	0	0	0	0	0	0	0
Other Streams	131	170	0	0	23	50	0	10	0	189	11	0	0	0	0	0	0	0	0	0	0
Chilkoot Lake	339	370	0	0	77	50	0	305	0	210	0	0	11	0	0	0	0	0	0	0	0
Chilkat Lake	266	339	0	0	50	93	0	0	11	184	0	0	161	0	0	0	0	0	0	0	0
Other Lakes	42	82	0	0	0	0	0	0	0	42	0	0	0	0	307	0	0	0	0	0	0
FRESHWATER TOTAL	1,028	1,168	0	0	225	176	0	570	177	475	11	0	163	0	307	0	214	0	0	0	0
HAINES SUB-AREA TOTAL	1,451	1,911	0	101	233	186	0	572	184	576	11	0	164	0	307	0	214	205	187	7	150
GRAND TOTAL	1,536	2,049	24	134	250	186	0	600	189	720	11	0	164	0	307	0	242	236	187	7	150

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

**Appendix A63.-Glacier Bay Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Days																	
		Trips	Fished	KI <sup>c</sup>	KS <sup>c</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	WF	SM	HA	RF	LC
<b>SALTWATER:</b>																			
Boat - Icy Straits	1,623	2,283	3,250	0	391	1,977	25	0	376	247	25	0	0	0	0	2,769	184	46	0
Boat - Glacier Bay	2,036	2,462	4,336	0	288	801	176	0	261	44	98	0	0	0	0	2,569	191	210	6
Boat - Excursion Inlet	571	1,164	1,591	0	128	620	0	0	394	11	161	0	0	0	0	287	69	17	174
Boat - Gustavus Area	1,218	1,914	2,475	0	427	771	27	0	107	99	0	0	0	0	0	1,580	17	11	165
Boat - Other	495	1,104	1,550	0	150	344	0	0	0	0	0	0	0	0	0	413	138	0	0
Shoreline	257	297	331	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0
<b>SALTWATER TOTAL</b>	<b>5,349<sup>d</sup></b>	<b>9,224</b>	<b>13,533</b>	<b>0</b>	<b>1,384</b>	<b>4,513</b>	<b>228</b>	<b>0</b>	<b>1,138</b>	<b>401</b>	<b>308</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,618</b>	<b>599</b>	<b>284</b>	<b>345</b>
<b>FRESHWATER:</b>																			
Streams	287	843	862	0	0	154	99	0	174	22	305	0	0	206	0	0	0	0	0
Lakes	41	34	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>301<sup>d</sup></b>	<b>877</b>	<b>903</b>	<b>0</b>	<b>0</b>	<b>154</b>	<b>99</b>	<b>0</b>	<b>174</b>	<b>22</b>	<b>305</b>	<b>0</b>	<b>0</b>	<b>206</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>5,417<sup>d</sup></b>	<b>10,101</b>	<b>14,436</b>	<b>0</b>	<b>1,384</b>	<b>4,667</b>	<b>327</b>	<b>0</b>	<b>1,312</b>	<b>423</b>	<b>613</b>	<b>0</b>	<b>0</b>	<b>206</b>	<b>0</b>	<b>7,618</b>	<b>599</b>	<b>284</b>	<b>345</b>

<sup>a</sup> Glacier Bay (Area G): All waters of Alaska, including drainages, from Cape Fairweather to Icy Strait and Hanus Reef, west of Point Couverden and the Haines Borough boundary, including Pleasant Island, The Sisters, and Point Couverden.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

<sup>d</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A64.-Glacier Bay Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		KI <sup>d</sup>	KS <sup>d</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	WF	SM	HA	RF	LC	OTHER
	Trips	Fished																	
SALTWATER:																			
Boat - Icy Straits	368	492	0	143	573	25	0	163	111	25	0	0	0	0	0	526	100	38	0
Boat - Glacier Bay	709	1,515	0	124	378	162	0	131	44	69	0	0	0	0	0	569	120	138	6
Boat - Excursion Inlet	376	417	0	43	261	0	0	177	11	94	0	0	0	0	0	106	44	17	165
Boat - Gustavus Area	629	636	0	233	302	20	0	64	74	0	0	0	0	0	0	371	17	11	168
Boat - Other	627	652	0	114	244	0	0	0	0	0	0	0	0	0	0	180	93	0	0
Shoreline	95	101	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0
SALTWATER TOTAL	1,270	1,910	0	315	849	167	0	280	143	120	0	0	0	0	0	875	191	145	231
FRESHWATER:																			
Streams	265	259	0	0	71	78	0	109	15	178	0	0	156	0	0	0	0	0	0
Lakes	19	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRESHWATER TOTAL	266	259	0	0	71	78	0	109	15	178	0	0	156	0	0	0	0	0	0
GRAND TOTAL	1,313	1,939	0	315	850	186	0	300	144	216	0	0	156	0	0	875	191	145	231

<sup>a</sup> Glacier Bay (Area G): All waters of Alaska, including drainages, from Cape Fairweather to Icy Strait and Hanus Reef, west of Point Couverden and the Haines Borough boundary, including Pleasant Island, The Sisters, and Point Couverden.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> KI is chinook salmon less than 28 inches. KS is chinook salmon 28 inches and over.

**Appendix A65.-Yakutat Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Days		KI <sup>c</sup>	KS <sup>d</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	GR	NP	SM	HA	RF	LC	OTHER
		Trips	Fished																		
<b>SALTWATER:</b>																					
Boat - Yakutat Bay	2,224	2,791	3,577	0	469	3,259	83	0	0	0	0	0	0	0	0	0	0	2,637	529	994	0
Boat - Other	569	585	941	0	64	415	174	0	0	0	0	0	0	0	0	0	0	480	17	143	0
Shoreline	370	390	834	0	0	415	73	0	0	0	0	0	0	0	0	0	291	119	53	0	0
<b>SALTWATER TOTAL</b>	<b>3,042<sup>e</sup></b>	<b>3,766</b>	<b>5,352</b>	<b>0</b>	<b>533</b>	<b>4,089</b>	<b>330</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>291</b>	<b>3,236</b>	<b>599</b>	<b>1,137</b>	<b>0</b>
<b>FRESHWATER:</b>																					
Situk River, above weir	2,461	2,311	5,110	568	482	761	1,028	0	73	0	751	30	80	0	0	0	0	0	0	0	0
Situk River, below weir	2,389	3,354	5,506	715	1,047	1,973	4,447	0	1,201	0	356	24	0	0	0	0	0	0	0	0	0
Tsiu River	328	281	773	0	0	1,244	0	0	0	0	49	0	0	0	0	0	0	0	0	0	0
Lost River	457	685	979	0	0	1,353	9	0	10	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	578	1,191	1,729	32	224	822	173	0	10	11	74	0	0	0	0	0	0	0	0	0	0
Ankau System (River, Lagoons, Outlet)	124	357	353	0	0	302	73	0	98	0	0	0	0	0	0	0	0	0	0	0	0
Lakes	68	101	101	11	0	19	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>4,463<sup>e</sup></b>	<b>8,280</b>	<b>14,551</b>	<b>1,326</b>	<b>1,753</b>	<b>6,474</b>	<b>5,803</b>	<b>0</b>	<b>1,392</b>	<b>11</b>	<b>1,230</b>	<b>54</b>	<b>80</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>5,403<sup>e</sup></b>	<b>12,046</b>	<b>19,903</b>	<b>1,326</b>	<b>2,286</b>	<b>10,563</b>	<b>6,133</b>	<b>0</b>	<b>1,392</b>	<b>11</b>	<b>1,230</b>	<b>54</b>	<b>80</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>291</b>	<b>3,236</b>	<b>599</b>	<b>1,137</b>	<b>0</b>

<sup>a</sup> Yakutat (Area H): All waters of Alaska, including drainages, from but not including, Cape Suckling to and including Cape Fairweather.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> KI is chinook salmon less than 28 inches in saltwater; chinook salmon less than 16 inches in freshwater.

<sup>d</sup> KS is chinook salmon 28 inches and over in saltwater; chinook salmon 16 inches and over in freshwater.

<sup>e</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A66.-Yakutat Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		KI <sup>d</sup>	KS <sup>e</sup>	SS	RS	KO	PS	CS	DV	SH	RT	CT	GR	NP	SM	HA	RF	LC	OTHER	
	Trips	Fished																			
<b>SALTWATER:</b>																					
Boat - Yakutat Bay	513	565	0	163	976	86	0	0	0	0	0	0	0	0	0	0	349	167	202	0	
Boat - Other	274	326	0	40	254	92	0	0	0	0	0	0	0	0	0	0	187	16	78	0	
Shoreline	103	265	0	0	198	73	0	0	0	0	0	0	0	0	0	297	70	43	0	0	
<b>SALTWATER TOTAL</b>	<b>593</b>	<b>730</b>	<b>0</b>	<b>167</b>	<b>1,047</b>	<b>146</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>297</b>	<b>410</b>	<b>173</b>	<b>220</b>	<b>0</b>	
<b>FRESHWATER:</b>																					
Situk River, above weir	341	615	234	134	268	315	0	54	0	493	18	58	0	0	0	0	0	0	0	0	
Situk River, below weir	466	616	257	228	428	866	0	825	0	154	25	0	0	0	0	0	0	0	0	0	
Tsiu River	77	238	0	0	358	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	
Lost River	185	235	0	0	388	9	0	10	0	0	0	0	0	0	0	0	0	0	0	0	
Other Streams	378	424	24	111	263	172	0	10	11	47	0	0	0	0	0	0	0	0	0	0	
Ankau System (River, Lagoons, Outlet)	156	152	0	0	163	73	0	98	0	0	0	0	0	0	0	0	0	0	0	0	
Lakes	57	56	11	0	20	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>FRESHWATER TOTAL</b>	<b>719</b>	<b>1,017</b>	<b>346</b>	<b>281</b>	<b>757</b>	<b>934</b>	<b>0</b>	<b>832</b>	<b>11</b>	<b>525</b>	<b>30</b>	<b>58</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>GRAND TOTAL</b>	<b>952</b>	<b>1,254</b>	<b>346</b>	<b>316</b>	<b>1,290</b>	<b>946</b>	<b>0</b>	<b>832</b>	<b>11</b>	<b>525</b>	<b>30</b>	<b>58</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>297</b>	<b>410</b>	<b>173</b>	<b>220</b>	<b>0</b>	

<sup>a</sup> Yakutat (Area H): All waters of Alaska, including drainages, from but not including, Cape Suckling to and including Cape Fairweather.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> KI is chinook salmon less than 28 inches in saltwater; chinook salmon less than 16 inches in freshwater.

<sup>e</sup> KS is chinook salmon 28 inches and over in saltwater; chinook salmon 16 inches and over in freshwater.

**Appendix A67.-Upper Copper/Upper Susitna Drainages<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Days								DV						
		Trips	Fished	KS	SS	LL	RS	KO	LT	AC	SH	RT	GR	WF	BB	OTHER
Gulkana River (Paxson to Sourdough)	3,790	3,452	7,643	1,165	0	0	1,251	0	272	0	0	0	1,827	16	24	0
Gulkana River (Sourdough to Highway)	8,285	7,669	14,227	3,362	0	0	4,673	0	22	0	0	0	192	0	24	0
Gulkana River Other	2,250	2,001	3,682	733	0	0	917	0	0	0	0	0	340	0	0	0
Klutina River	5,052	5,345	10,643	3,131	0	0	4,215	0	22	838	0	0	183	16	0	0
Mendeltna Creek	474	319	541	0	0	0	0	0	0	0	0	0	570	0	0	0
Tonsina River	1,020	945	1,377	331	66	0	42	0	0	450	0	26	131	0	0	0
Tyone Creek	338	420	773	0	0	0	0	0	44	0	0	0	679	0	0	0
Other Streams	2,202	2,548	3,828	298	126	0	176	0	44	1,104	0	11	1,909	0	49	0
Tolsona Lake	308	648	759	0	0	0	0	0	0	0	0	53	296	0	81	0
Lake Louise	3,206	2,678	5,436	0	0	0	0	0	662	0	0	0	689	112	0	0
Susitna Lake	688	1,357	2,267	0	0	0	0	0	381	0	0	0	194	0	163	0
Van (Silver) Lake	1,003	860	1,595	0	0	0	0	0	0	0	0	2,783	0	0	0	0
Paxson Lake	1,792	1,747	3,107	0	0	0	0	0	297	0	0	0	582	96	65	0
Summit Lake (near Paxson)	886	814	1,378	0	0	0	201	0	120	0	0	0	24	0	0	0
Crosswind Lake	572	1,014	1,323	0	0	0	376	0	339	0	0	0	102	128	86	0
Meiers Lake	431	264	431	0	0	0	0	0	0	0	0	0	279	0	0	0
Other Lakes	3,120	2,975	5,397	96	0	751	0	0	429	183	0	2,203	2,537	16	489	0
<b>TOTAL</b>	27,620 <sup>c</sup>	35,056	64,407	9,116	192	751	11,851	0	2,632	2,575	0	5,076	10,534	384	981	0

<sup>a</sup> Upper Copper/Upper Susitna Drainages (Area I): All Alaskan waters, including drainages 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, and the Upper Susitna River drainage below its confluence with the Oshetna River. Does not include Oshetna River drainage.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.



**Appendix A68.-Upper Copper/Upper Susitna Drainages<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days					DV									
	Trips	Fished	KS	SS	LL	RS	KO	LT	AC	SH	RT	GR	WF	BB	OTHER
Gulkana River (Paxson to Sourdough)	406	861	218	0	0	298	0	225	0	0	0	579	15	24	0
Gulkana River (Sourdough to Highway)	679	1,316	368	0	0	605	0	15	0	0	0	85	0	25	0
Gulkana River Other	278	490	142	0	0	223	0	0	0	0	0	209	0	0	0
Klutina River	582	2,451	356	0	0	834	0	21	358	0	0	82	15	0	0
Mendeltna Creek	92	159	0	0	0	0	0	0	0	0	0	295	0	0	0
Tonsina River	182	266	110	40	0	36	0	0	197	0	25	89	0	0	0
Tyone Creek	128	281	0	0	0	0	0	43	0	0	0	312	0	0	0
Other Streams	389	517	107	60	0	90	0	42	942	0	10	496	0	36	0
Tolsona Lake	490	468	0	0	0	0	0	0	0	0	38	149	0	68	0
Lake Louise	349	732	0	0	0	0	0	164	0	0	0	224	112	0	0
Susitna Lake	610	767	0	0	0	0	0	149	0	0	0	132	0	80	0
Van (Silver) Lake	160	318	0	0	0	0	0	0	0	0	1,133	0	0	0	0
Paxson Lake	438	675	0	0	0	0	0	77	0	0	0	260	72	45	0
Summit Lake (near Paxson)	180	325	0	0	0	188	0	52	0	0	0	25	0	0	0
Crosswind Lake	585	577	0	0	0	336	0	117	0	0	0	88	130	55	0
Meiers Lake	68	111	0	0	0	0	0	0	0	0	0	167	0	0	0
Other Lakes	347	684	62	0	368	0	0	117	94	0	633	502	16	286	0
<b>TOTAL</b>	<b>1,603</b>	<b>3,419</b>	<b>613</b>	<b>72</b>	<b>368</b>	<b>1,157</b>	<b>0</b>	<b>373</b>	<b>1,060</b>	<b>0</b>	<b>1,321</b>	<b>1,122</b>	<b>187</b>	<b>314</b>	<b>0</b>

<sup>a</sup> Upper Copper/Upper Susitna Drainages (Area I): All Alaskan waters, including drainages 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, and the Upper Susitna River drainage below its confluence with the Oshetna River. Does not include Oshetna River drainage.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

**Appendix A69.-Prince William Sound Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Days			DV																	
		Trips	Fished	KS	SS	RS	PS	CS	LT	AC	SH	RT	CT	GR	WF	SM	HA	SK	RF	LC	RCL	OTHER
<b>SALTWATER:</b>																						
Boat - Valdez Bay (including Port Valdez)	15,042	18,021	29,001	939	37,937	653	8,011	271	0	255	0	0	22	0	0	694	7,999	0	3,540	539	0	1,279
Boat - Passage Canal (Whittier)	2,624	2,464	5,023	96	1,304	33	254	244	0	0	0	0	0	0	0	2,058	0	1,456	272	0	103	
Boat - Orca Inlet	1,767	3,550	4,638	214	930	27	145	110	0	12	0	0	0	0	0	3,165	0	1,713	112	0	125	
Boat - Esther Island	1,497	1,697	3,954	74	658	89	118	211	0	0	0	0	0	0	0	905	0	739	70	0	0	
Boat - Montague Island	1,273	924	1,465	0	19	0	0	0	0	0	0	0	0	0	0	1,721	0	481	188	0	6	
Boat - Hinchinbrook Area	515	317	582	0	95	0	0	0	0	121	0	0	0	0	0	713	0	71	26	0	0	
Boat - Other	5,711	7,266	12,448	85	4,779	801	1,351	285	0	242	0	0	73	0	0	5,718	6	4,306	641	0	126	
Shoreline - Valdez Road System	5,785	7,304	11,037	0	2,449	327	12,086	464	0	0	0	0	0	0	278	20	0	9	0	0	677	
Shoreline - Orca Inlet	787	2,133	2,400	480	1,043	59	80	0	0	12	0	0	0	0	0	11	0	0	35	692	158	
Shoreline - Remainder of Valdez Arm	5,038	4,585	9,013	32	2,275	345	7,868	308	0	146	0	0	0	0	0	20	0	51	152	0	32	
Shoreline - Other	1,215	2,054	2,868	64	904	33	716	88	0	0	0	0	0	0	0	0	0	9	0	1,145	140	
<b>SALTWATER TOTAL</b>	<b>35,377<sup>c</sup></b>	<b>50,315</b>	<b>82,429</b>	<b>1,984</b>	<b>52,393</b>	<b>2,367</b>	<b>30,629</b>	<b>1,981</b>	<b>0</b>	<b>788</b>	<b>0</b>	<b>0</b>	<b>95</b>	<b>0</b>	<b>0</b>	<b>972</b>	<b>22,330</b>	<b>6</b>	<b>12,375</b>	<b>2,035</b>	<b>1,837</b>	<b>2,646</b>
<b>FRESHWATER:</b>																						
Eyak River	992	3,281	3,987	0	3,107	532	21	0	0	36	0	0	12	0	0	0	0	0	0	0	0	0
Eshamy Lake, Creek, and Lagoon	135	144	273	0	0	125	0	0	0	73	0	0	49	0	0	0	0	0	0	0	0	0
Alaganik Slough	841	1,117	1,458	0	1,480	55	0	0	0	230	0	0	12	0	0	0	0	0	0	0	0	0
Coghill River	301	296	408	0	124	430	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clear Creek	1,202	2,077	2,717	32	1,407	1,512	0	0	0	366	0	0	49	0	0	0	0	0	0	0	0	0
Other Streams	1,787	3,519	4,796	11	1,316	425	363	99	0	2,331	0	27	126	0	0	0	0	0	0	0	0	0
Blueberry Lake	310	177	316	0	0	0	0	0	0	0	0	87	49	0	0	0	0	0	0	0	0	0
Other Lakes	762	735	1,064	0	107	50	39	0	0	24	0	222	315	131	0	0	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>4,856<sup>c</sup></b>	<b>11,346</b>	<b>15,019</b>	<b>43</b>	<b>7,541</b>	<b>3,129</b>	<b>423</b>	<b>99</b>	<b>0</b>	<b>3,060</b>	<b>0</b>	<b>336</b>	<b>612</b>	<b>131</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>37,930<sup>c</sup></b>	<b>61,661</b>	<b>97,448</b>	<b>2,027</b>	<b>59,934</b>	<b>5,496</b>	<b>31,052</b>	<b>2,080</b>	<b>0</b>	<b>3,848</b>	<b>0</b>	<b>336</b>	<b>707</b>	<b>131</b>	<b>0</b>	<b>972</b>	<b>22,330</b>	<b>6</b>	<b>12,375</b>	<b>2,035</b>	<b>1,837</b>	<b>2,646</b>

<sup>a</sup> Prince William Sound (Area J): All Alaskan waters, including drainages, from and including Cape Suckling through Prince William Sound to Cape Puget, including all waters emptying into Port Bainbridge; 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A70.-Prince William Sound Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest by fisheries and species<sup>c</sup>, 1996.**

	Days		DV																		
	Trips	Fished	KS	SS	RS	PS	CS	LT	AC	SH	RT	CT	GR	WF	SM	HA	SK	RF	LC	RCL	OTHER
<b>SALTWATER:</b>																					
Boat - Valdez Bay (including Port Valdez)	1,496	2,231	662	3,937	252	1,018	75	0	164	0	0	21	0	0	709	676	0	578	120	0	744
Boat - Passage Canal (Whittier)	405	790	71	363	23	105	228	0	0	0	0	0	0	0	0	379	0	305	96	0	40
Boat - Orca Inlet	642	920	124	323	20	80	109	0	12	0	0	0	0	0	0	714	0	709	63	0	118
Boat - Esther Island	316	1,239	37	249	59	65	123	0	0	0	0	0	0	0	0	195	0	196	35	0	0
Boat - Montague Island	144	238	0	13	0	0	0	0	0	0	0	0	0	0	0	285	0	160	79	0	7
Boat - Hinchinbrook Area	65	140	0	95	0	0	0	0	121	0	0	0	0	0	0	170	0	54	20	0	0
Boat - Other	699	1,179	45	773	257	392	183	0	141	0	0	73	0	0	0	555	6	775	144	0	52
Shoreline - Valdez Road System	1,204	1,519	0	607	165	2,279	145	0	0	0	0	0	0	0	282	20	0	9	0	0	530
Shoreline - Orca Inlet	508	562	155	354	42	54	0	0	12	0	0	0	0	0	0	10	0	0	34	622	159
Shoreline - Remainder of Valdez Arm	527	2,349	24	472	164	1,075	123	0	142	0	0	0	0	0	0	19	0	53	78	0	32
Shoreline - Other	915	948	30	282	26	287	55	0	0	0	0	0	0	0	0	0	0	9	0	734	130
<b>SALTWATER TOTAL</b>	<b>2,430</b>	<b>4,148</b>	<b>691</b>	<b>4,127</b>	<b>441</b>	<b>2,737</b>	<b>390</b>	<b>0</b>	<b>288</b>	<b>0</b>	<b>0</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>756</b>	<b>1,252</b>	<b>6</b>	<b>1,298</b>	<b>253</b>	<b>937</b>	<b>969</b>
<b>FRESHWATER:</b>																					
Eyak River	745	957	0	884	163	20	0	0	35	0	0	12	0	0	0	0	0	0	0	0	0
Eshamy Lake, Creek, and Lagoon	69	131	0	0	77	0	0	0	70	0	0	32	0	0	0	0	0	0	0	0	0
Alaganik Slough	270	313	0	429	54	0	0	0	132	0	0	12	0	0	0	0	0	0	0	0	0
Coghill River	100	122	0	85	183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clear Creek	390	486	32	342	466	0	0	0	121	0	0	48	0	0	0	0	0	0	0	0	0
Other Streams	703	810	10	373	173	152	58	0	1,309	0	26	83	0	0	0	0	0	0	0	0	0
Blueberry Lake	52	95	0	0	0	0	0	0	0	77	48	0	0	0	0	0	0	0	0	0	0
Other Lakes	171	248	0	81	50	39	0	0	24	0	170	199	87	0	0	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>1,176</b>	<b>1,444</b>	<b>34</b>	<b>1,114</b>	<b>572</b>	<b>160</b>	<b>58</b>	<b>0</b>	<b>1,320</b>	<b>0</b>	<b>190</b>	<b>234</b>	<b>87</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>2,719</b>	<b>4,384</b>	<b>693</b>	<b>4,273</b>	<b>711</b>	<b>2,735</b>	<b>392</b>	<b>0</b>	<b>1,348</b>	<b>0</b>	<b>190</b>	<b>247</b>	<b>87</b>	<b>0</b>	<b>756</b>	<b>1,252</b>	<b>6</b>	<b>1,298</b>	<b>253</b>	<b>937</b>	<b>969</b>

<sup>a</sup> Prince William Sound (Area J): All Alaskan waters, including drainages, from and including Cape Suckling through Prince William Sound to Cape Puget, including all waters emptying into Port Bainbridge; and, 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

## Appendix A71.-Knik Arm Drainage Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.

	Anglers	Days		KS	SS	LL	RS	KO	PS	CS	LT	DV									
		Trips	Fished									AC	RT	GR	WF	NP	BB	SM	LC	OTHER	
<b>SALTWATER:</b>																					
Boat	189	362	402	0	602	0	0	0	41	11	0	24	0	0	0	0	0	0	0	0	0
Shoreline	367	456	564	42	85	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>SALTWATER TOTAL</b>	<b>530<sup>c</sup></b>	<b>818</b>	<b>966</b>	<b>42</b>	<b>687</b>	<b>0</b>	<b>137</b>	<b>0</b>	<b>41</b>	<b>11</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FRESHWATER:</b>																					
Little Susitna River	13,465	19,339	24,575	1,484	16,753	0	2,286	0	763	310	0	146	121	36	16	0	0	0	0	0	0
Knik River and Tributaries, including Jim Creek	3,812	5,611	7,561	0	3,911	0	1,077	0	10	321	0	1,298	0	0	0	0	0	0	0	0	0
Wasilla Creek (Rabbit Slough)	1,083	1,154	1,386	0	872	0	42	0	0	55	0	0	40	0	0	0	0	0	0	0	0
Cottonwood Creek	1,014	1,737	1,783	0	762	0	444	0	0	0	0	0	248	0	0	0	0	0	0	0	0
Fish Creek (Big Lake Drainage)	558	783	934	0	607	0	68	0	49	11	0	24	74	0	0	0	0	0	0	0	0
Eklutna Power Plant Raceway	3,987	5,191	6,448	0	1,217	0	84	0	88	973	0	570	0	0	0	0	0	0	0	0	0
Other Streams	526	825	1,050	0	28	0	8	0	10	0	0	133	189	396	0	161	0	0	0	0	0
Wasilla Lake	785	1,298	1,587	0	0	0	0	0	0	0	0	49	1,735	0	0	0	0	0	0	0	0
Finger Lake	3,060	4,997	8,962	0	0	14,351	0	0	0	0	0	121	2,316	256	0	0	0	0	0	0	38
Kepler Lake Complex	3,283	6,077	7,431	0	0	873	0	0	0	0	0	207	5,092	946	0	0	0	0	0	0	0
Big Lake	3,026	5,552	7,290	0	0	2,319	0	0	0	0	0	2,328	2,260	0	0	13	41	0	0	0	0
Kalmbach Lake	377	409	572	0	0	1,783	0	0	0	0	0	0	221	0	0	0	0	0	0	0	0
Memory Lake	352	528	563	0	0	1,177	0	0	0	0	0	0	53	0	0	0	0	0	0	0	0
Walby Lake	284	324	418	0	0	0	0	0	0	0	0	0	568	0	0	0	0	0	0	0	0
Flat Horn Lake	607	829	1,024	0	0	0	0	0	0	0	0	0	0	0	0	1,689	163	0	0	0	0
Nancy Lake	1,302	976	1,593	0	9	0	88	0	0	0	0	49	184	0	0	199	0	0	0	0	0
South Rolly Lake	580	361	580	0	0	0	0	0	0	0	0	0	42	0	0	75	0	0	0	0	0
Nancy Lake Recreation Area, Other Fishing Sites	1,907	1,893	2,967	0	28	0	0	0	0	0	54	61	527	0	0	1,669	14	0	0	0	0
Other Lakes	5,115	10,211	13,300	53	0	861	73	0	0	0	22	596	8,110	306	0	215	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>32,186<sup>c</sup></b>	<b>68,095</b>	<b>90,024</b>	<b>1,537</b>	<b>24,187</b>	<b>21,364</b>	<b>4,170</b>	<b>0</b>	<b>920</b>	<b>1,670</b>	<b>76</b>	<b>5,582</b>	<b>21,780</b>	<b>1,940</b>	<b>16</b>	<b>4,021</b>	<b>218</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38</b>
<b>GRAND TOTAL</b>	<b>32,404<sup>c</sup></b>	<b>68,913</b>	<b>90,990</b>	<b>1,579</b>	<b>24,874</b>	<b>21,364</b>	<b>4,307</b>	<b>0</b>	<b>961</b>	<b>1,681</b>	<b>76</b>	<b>5,606</b>	<b>21,780</b>	<b>1,940</b>	<b>16</b>	<b>4,021</b>	<b>218</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38</b>

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A72.-Knik Arm Drainage Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		DV																
	Trips	Fished	KS	SS	LL	RS	KO	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	LC	OTHER
<b>SALTWATER:</b>																			
Boat	190	191	0	404	0	0	0	30	11	0	24	0	0	0	0	0	0	0	0
Shoreline	172	188	31	50	0	134	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>SALTWATER TOTAL</b>	<b>254</b>	<b>265</b>	<b>31</b>	<b>405</b>	<b>0</b>	<b>134</b>	<b>0</b>	<b>30</b>	<b>11</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FRESHWATER:</b>																			
Little Susitna River	1,783	1,958	232	1,862	0	533	0	185	77	0	84	46	36	16	0	0	0	0	0
Knik River and Tributaries, including Jim Creek	691	1,437	0	866	0	307	0	10	130	0	559	0	0	0	0	0	0	0	0
Wasilla Creek (Rabbit Slough)	196	234	0	295	0	29	0	0	47	0	0	41	0	0	0	0	0	0	0
Cottonwood Creek	452	442	0	257	0	176	0	0	0	0	0	175	0	0	0	0	0	0	0
Fish Creek (Big Lake Drainage)	210	224	0	221	0	40	0	31	11	0	24	52	0	0	0	0	0	0	0
Eklutna Power Plant Raceway	616	715	0	260	0	36	0	44	244	0	300	0	0	0	0	0	0	0	0
Other Streams	216	295	0	21	0	9	0	10	0	0	122	155	259	0	162	0	0	0	0
Wasilla Lake	342	377	0	0	0	0	0	0	0	0	51	894	0	0	0	0	0	0	0
Finger Lake	793	3,619	0	0	3,432	0	0	0	0	0	126	568	103	0	0	0	0	0	39
Kepler Lake Complex	783	931	0	0	485	0	0	0	0	0	112	930	343	0	0	0	0	0	0
Big Lake	952	1,136	0	0	1,684	0	0	0	0	0	813	743	0	0	13	41	0	0	0
Kalmbach Lake	177	224	0	0	1,209	0	0	0	0	0	0	107	0	0	0	0	0	0	0
Memory Lake	202	199	0	0	777	0	0	0	0	0	0	42	0	0	0	0	0	0	0
Walby Lake	110	134	0	0	0	0	0	0	0	0	0	335	0	0	0	0	0	0	0
Flat Horn Lake	223	263	0	0	0	0	0	0	0	0	0	0	0	0	607	169	0	0	0
Nancy Lake	207	305	0	9	0	60	0	0	0	0	48	109	0	0	129	0	0	0	0
South Rolly Lake	103	149	0	0	0	0	0	0	0	0	0	43	0	0	65	0	0	0	0
Nancy Lake Recreation Area, Other Fishing Sites	278	434	0	28	0	0	0	0	0	56	60	287	0	0	475	11	0	0	0
Other Lakes	1,085	1,451	55	0	354	70	0	0	0	21	411	998	117	0	164	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>2,752</b>	<b>4,961</b>	<b>238</b>	<b>2,139</b>	<b>4,079</b>	<b>643</b>	<b>0</b>	<b>193</b>	<b>290</b>	<b>60</b>	<b>1,120</b>	<b>1,980</b>	<b>456</b>	<b>16</b>	<b>845</b>	<b>177</b>	<b>0</b>	<b>0</b>	<b>39</b>
<b>GRAND TOTAL</b>	<b>2,759</b>	<b>4,955</b>	<b>242</b>	<b>2,164</b>	<b>4,079</b>	<b>652</b>	<b>0</b>	<b>194</b>	<b>290</b>	<b>60</b>	<b>1,121</b>	<b>1,980</b>	<b>456</b>	<b>16</b>	<b>845</b>	<b>177</b>	<b>0</b>	<b>0</b>	<b>39</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

**Appendix A73.-Anchorage Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Trips	Days		DV													
			Fished	KS	SS	LL	RS	KO	PS	CS	AC	RT	GR	WF	NP	SM	LC	OTHER
<b>SALTWATER:</b>																		
Boat	81	117	125	0	20	0	8	0	0	0	0	0	0	0	0	0	0	0
Shoreline	554	560	745	0	218	0	126	0	59	0	61	0	0	0	0	1,163	0	0
<b>SALTWATER TOTAL</b>	<b>635<sup>c</sup></b>	<b>677</b>	<b>870</b>	<b>0</b>	<b>238</b>	<b>0</b>	<b>134</b>	<b>0</b>	<b>59</b>	<b>0</b>	<b>61</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,163</b>	<b>0</b>	<b>0</b>
<b>FRESHWATER:</b>																		
Jewel Lake	2,384	4,021	4,343	0	0	2,544	0	0	0	0	0	2,291	0	0	0	0	0	0
Campbell Point Lake	958	1,503	1,798	0	0	388	0	0	0	0	291	1,588	0	0	0	0	0	32
Sand Lake	1,011	1,882	1,885	0	0	704	0	0	0	0	0	1,125	0	0	43	0	0	19
Lower Fire Lake	1,161	2,760	2,967	0	0	0	0	0	0	0	0	883	0	0	129	0	0	0
Mirror Lake	2,215	3,241	4,292	0	0	1,274	0	0	0	0	489	3,776	0	0	0	0	0	13
Otter Lake	3,631	6,077	7,035	0	0	2,461	0	0	0	0	0	5,071	0	0	0	0	0	0
Clunie Lake	2,268	3,639	4,465	0	0	861	0	0	0	0	218	3,575	0	0	0	0	0	0
Gwen Lake	1,204	2,023	2,705	0	0	0	0	0	0	0	0	1,567	0	0	0	0	0	0
Sixmile Lake	2,050	3,266	3,923	0	19	0	268	0	0	0	0	1,851	0	0	0	0	0	0
Green Lake	1,217	2,114	2,313	0	0	923	0	0	0	0	0	1,883	0	0	0	0	0	0
Hillberg Lake	770	1,597	2,130	0	0	667	0	0	0	0	0	1,151	0	0	0	0	0	0
Triangle Lake	528	692	771	0	0	0	0	0	0	0	0	549	0	0	0	0	0	0
C Street (Taku) Lake	770	1,015	1,192	0	0	0	0	0	0	0	0	1,176	0	0	0	0	0	0
Fish Lake	768	1,278	1,443	0	0	0	0	0	0	0	0	642	0	0	0	0	0	0
Cheney Lake	2,280	4,272	4,789	0	0	995	0	0	0	0	0	2,156	0	0	0	0	0	0
Beach Lake	1,902	2,571	2,928	0	0	1,941	0	0	0	0	0	1,989	182	0	0	0	0	6
Delong Lake	1,376	2,474	3,194	0	0	522	0	0	0	0	0	1,712	0	0	0	0	0	32
Other Lakes	1,201	2,099	2,526	0	9	0	0	0	0	0	12	2,001	0	0	11	0	0	0
Ship Creek	15,337	39,569	42,454	3,774	5,369	0	136	0	214	155	73	53	0	0	0	0	0	0
Bird Creek	7,509	10,755	12,003	0	6,934	0	184	0	2,419	232	12	10	0	0	0	0	0	0
Campbell Creek	2,570	5,041	5,225	0	1,458	0	0	0	0	0	85	531	0	0	0	0	0	0
Twentymile River	2,437	3,095	3,823	0	2,597	0	26	0	91	33	194	0	0	0	0	20,04	0	0
Eagle River	2,238	3,031	3,499	309	223	0	0	0	28	121	389	21	50	0	0	0	0	0
Other Streams	1,509	3,117	3,752	373	948	0	136	0	51	66	170	547	61	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>35,694<sup>c</sup></b>	<b>111,132</b>	<b>125,455</b>	<b>4,456</b>	<b>17,557</b>	<b>13,280</b>	<b>750</b>	<b>0</b>	<b>2,803</b>	<b>607</b>	<b>1,933</b>	<b>36,148</b>	<b>293</b>	<b>0</b>	<b>183</b>	<b>20,04</b>	<b>0</b>	<b>102</b>
<b>GRAND TOTAL</b>	<b>35,897<sup>c</sup></b>	<b>111,809</b>	<b>126,325</b>	<b>4,456</b>	<b>17,795</b>	<b>13,280</b>	<b>884</b>	<b>0</b>	<b>2,862</b>	<b>607</b>	<b>1,994</b>	<b>36,148</b>	<b>293</b>	<b>0</b>	<b>183</b>	<b>21,21</b>	<b>0</b>	<b>102</b>

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A74.-Anchorage Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		DV														
	Trips	Fished	KS	SS	LL	RS	KO	PS	CS	AC	RT	GR	WF	NP	SM	LC	OTHER
<b>SALTWATER:</b>																	
Boat	73	74	0	19	0	8	0	0	0	0	0	0	0	0	0	0	0
Shoreline	164	195	0	188	0	92	0	44	0	59	0	0	0	0	617	0	0
<b>SALTWATER TOTAL</b>	<b>180</b>	<b>210</b>	<b>0</b>	<b>189</b>	<b>0</b>	<b>92</b>	<b>0</b>	<b>44</b>	<b>0</b>	<b>59</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>617</b>	<b>0</b>	<b>0</b>
<b>FRESHWATER:</b>																	
Jewel Lake	689	687	0	0	927	0	0	0	0	0	539	0	0	0	0	0	0
Campbell Point Lake	401	431	0	0	173	0	0	0	0	258	1,031	0	0	0	0	0	30
Sand Lake	386	373	0	0	323	0	0	0	0	0	356	0	0	29	0	0	14
Lower Fire Lake	687	694	0	0	0	0	0	0	0	0	316	0	0	70	0	0	0
Mirror Lake	713	1,014	0	0	486	0	0	0	0	245	1,124	0	0	0	0	0	13
Otter Lake	793	904	0	0	975	0	0	0	0	0	806	0	0	0	0	0	0
Clunie Lake	537	756	0	0	406	0	0	0	0	97	808	0	0	0	0	0	0
Gwen Lake	510	796	0	0	0	0	0	0	0	0	625	0	0	0	0	0	0
Sixmile Lake	471	600	0	20	0	175	0	0	0	0	486	0	0	0	0	0	0
Green Lake	511	506	0	0	438	0	0	0	0	0	788	0	0	0	0	0	0
Hillberg Lake	549	758	0	0	490	0	0	0	0	0	446	0	0	0	0	0	0
Triangle Lake	214	218	0	0	0	0	0	0	0	0	360	0	0	0	0	0	0
C Street (Taku) Lake	322	330	0	0	0	0	0	0	0	0	561	0	0	0	0	0	0
Fish Lake	346	349	0	0	0	0	0	0	0	0	257	0	0	0	0	0	0
Cheney Lake	697	722	0	0	398	0	0	0	0	0	582	0	0	0	0	0	0
Beach Lake	397	446	0	0	1,017	0	0	0	0	0	557	94	0	0	0	0	6
DeLong Lake	538	704	0	0	224	0	0	0	0	0	572	0	0	0	0	0	23
Other Lakes	371	414	0	9	0	0	0	0	0	12	732	0	0	10	0	0	0
Ship Creek	2,425	2,661	342	752	0	52	0	84	80	44	36	0	0	0	0	0	0
Bird Creek	873	895	0	997	0	69	0	531	111	12	10	0	0	0	0	0	0
Campbell Creek	674	668	0	396	0	0	0	0	0	39	201	0	0	0	0	0	0
Twentymile River	466	528	0	616	0	15	0	50	19	97	0	0	0	0	5,368	0	0
Eagle River	447	491	100	97	0	0	0	27	65	162	21	48	0	0	0	0	0
Other Streams	543	620	372	287	0	71	0	21	46	105	353	60	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>3,701</b>	<b>4,150</b>	<b>532</b>	<b>1,499</b>	<b>2,016</b>	<b>210</b>	<b>0</b>	<b>544</b>	<b>160</b>	<b>432</b>	<b>2,854</b>	<b>121</b>	<b>0</b>	<b>77</b>	<b>5,368</b>	<b>0</b>	<b>41</b>
<b>GRAND TOTAL</b>	<b>3,699</b>	<b>4,148</b>	<b>532</b>	<b>1,510</b>	<b>2,016</b>	<b>225</b>	<b>0</b>	<b>545</b>	<b>160</b>	<b>437</b>	<b>2,854</b>	<b>121</b>	<b>0</b>	<b>77</b>	<b>5,417</b>	<b>0</b>	<b>41</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

**Appendix A75.-East Susitna River Drainage<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Days			DV												
		Trips	Fished	KS	SS	LL	RS	PS	CS	LT	AC	RT	GR	WF	NP	BB	OTHER
Willow Creek	13,254	18,247	23,508	2,690	5,176	0	113	1,664	565	0	218	551	214	0	0	16	6
Caswell Creek	1,112	1,236	1,473	128	668	0	95	39	11	0	0	21	0	0	0	33	0
Montana Creek	9,409	9,594	13,485	1,612	3,118	0	88	902	661	0	73	443	121	0	0	0	6
Sunshine Creek	2,160	2,370	3,028	53	2,612	0	43	20	0	0	0	95	0	0	0	16	0
Talkeetna River and Tributaries, including Clear Creek	10,220	10,364	18,386	3,585	7,325	0	2,053	226	984	0	1,312	284	320	0	0	89	32
Sheep Creek	5,197	5,929	8,112	1,397	1,896	0	8	369	244	0	12	73	0	0	0	0	0
Little Willow Creek	4,322	4,626	5,890	896	1,892	0	191	481	166	0	61	113	158	0	0	0	0
Goose Creek	1,574	1,398	1,796	437	430	0	67	101	144	0	12	68	73	0	0	0	0
Birch Creek	340	435	506	22	258	0	0	0	0	0	0	0	0	0	0	0	0
Kashwitna River	729	893	1,140	21	360	0	0	0	0	0	97	63	0	0	0	0	0
Troublesome Creek	832	761	1,002	0	76	0	0	78	33	0	0	191	73	0	0	0	19
Other Streams	1,180	1,125	1,905	182	363	0	17	10	0	0	121	163	752	0	0	0	0
Lakes	978	1,813	2,996	0	0	1,986	0	0	0	308	121	445	202	0	11	130	0
<b>TOTAL</b>	<b>37,480</b> <sup>c</sup>	<b>58,791</b>	<b>83,227</b>	<b>11,023</b>	<b>24,174</b>	<b>1,986</b>	<b>2,675</b>	<b>3,890</b>	<b>2,808</b>	<b>308</b>	<b>2,027</b>	<b>2,510</b>	<b>1,913</b>	<b>0</b>	<b>11</b>	<b>284</b>	<b>63</b>

<sup>a</sup> East Susitna River Drainage (Area M): All drainages of the Susitna River below the Oshetna and above the Chulitna River. Includes the Oshetna River drainage. All east side drainages of both the Chulitna River and the Susitna River below its confluence with the Chulitna River, to and including Willow and Deception Creeks to the south. Fish taken from the east bank of the Chulitna and Susitna Rivers are included in this area. No saltwater fishing in this area.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.



**Appendix A76.-East Susitna River Drainage<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		DV													
	Trips	Fished	KS	SS	LL	RS	PS	CS	LT	AC	RT	GR	WF	NP	BB	OTHER
Willow Creek	1,611	1,862	279	618	0	55	316	153	0	188	226	89	0	0	17	6
Caswell Creek	309	313	60	242	0	63	29	11	0	0	21	0	0	0	32	0
Montana Creek	720	973	203	598	0	37	335	209	0	35	153	73	0	0	0	7
Sunshine Creek	549	599	32	438	0	26	14	0	0	0	67	0	0	0	11	0
Talkeetna River and Tributaries, including Clear Creek	990	2,098	397	965	0	415	92	228	0	473	88	125	0	0	42	27
Sheep Creek	671	799	238	415	0	9	116	95	0	13	41	0	0	0	0	0
Little Willow Creek	607	661	210	514	0	90	226	106	0	36	50	123	0	0	0	0
Goose Creek	215	275	147	137	0	55	49	65	0	12	37	40	0	0	0	0
Birch Creek	211	207	14	183	0	0	0	0	0	0	0	0	0	0	0	0
Kashwitna River	199	272	15	185	0	0	0	0	0	72	34	0	0	0	0	0
Troublesome Creek	151	182	0	50	0	0	64	35	0	0	133	62	0	0	0	19
Other Streams	220	349	63	208	0	17	10	0	0	120	68	372	0	0	0	0
Lakes	514	945	0	0	1,791	0	0	0	156	118	180	126	0	11	105	0
<b>TOTAL</b>	<b>2,442</b>	<b>3,448</b>	<b>642</b>	<b>1,575</b>	<b>1,791</b>	<b>432</b>	<b>528</b>	<b>380</b>	<b>156</b>	<b>536</b>	<b>384</b>	<b>461</b>	<b>0</b>	<b>11</b>	<b>122</b>	<b>34</b>

<sup>a</sup> East Susitna River Drainage (Area M): All drainages of the Susitna River below the Oshetna and above the Chulitna River. Includes the Oshetna River drainage. All east side drainages of both the Chulitna River and the Susitna River below its confluence with the Chulitna River, to and including Willow and Deception Creeks to the south. Fish taken from the east bank of the Chulitna and Susitna Rivers are included in this area. No saltwater fishing in this area.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

**Appendix A77.-West Cook Inlet-West Susitna River Drainages<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Days									DV										
	Anglers	Trips	Fished	KS	SS	RS	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	HA	LC	RCL	OTHER
<b>SALTWATER:</b>																				
Upper Cook Inlet (Boat Sites North of Chinitna Point)	1,032	595	1,200	106	269	274	10	0	0	0	0	0	0	0	0	11,633	875	114	0	0
Lower Cook Inlet (Boat Sites South of Chinitna Point)	321	268	404	0	147	0	0	0	0	0	0	0	0	0	0	0	380	20	0	0
Other Boat	884	816	1,100	75	115	0	0	0	0	0	0	0	0	0	0	0	1,167	0	0	0
Razor Clams: Polly Creek Beach/Crescent River Bar	541	321	541	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13,815	0
Other Shoreline	336	240	397	11	171	18	0	0	0	0	0	0	0	0	0	0	0	0	5,873	0
<b>SALTWATER TOTAL</b>	<b>3,037<sup>c</sup></b>	<b>2,240</b>	<b>3,642</b>	<b>192</b>	<b>702</b>	<b>292</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,633</b>	<b>2,422</b>	<b>134</b>	<b>19,688</b>	<b>0</b>
<b>FRESHWATER:</b>																				
Deshka River (Kroto Creek)	2,533	3,166	5,246	11	4,615	8	236	44	0	36	321	97	0	161	0	0	0	0	0	0
Lake Creek	5,174	5,804	12,091	2,587	4,445	137	197	132	0	74	616	295	16	80	14	0	0	0	0	0
Fish Lake Creek and Fish Lakes (Yentna Drainage)	1,393	1,322	2,158	415	618	68	10	0	0	24	51	0	0	328	16	0	0	0	0	0
Alexander Creek/Lake	2,511	4,196	6,062	1,005	803	0	21	22	0	0	95	17	144	813	0	364	0	0	0	0
Talachulitna River	1,885	1,586	5,151	697	805	108	73	44	0	255	0	286	0	0	0	0	0	0	0	0
Chuitna River	2,061	1,579	2,505	844	1,263	228	0	0	0	73	249	135	0	0	0	0	0	0	0	0
Theodore River	857	1,307	1,811	183	361	0	0	0	0	109	55	0	0	0	0	0	0	0	0	0
Polly Creek	311	176	342	0	170	0	0	88	0	0	0	0	0	0	0	0	0	0	0	0
Kustatan River	1,987	2,186	2,699	0	6,266	102	0	0	0	280	32	0	0	0	0	0	0	0	0	0
Peters Creek	597	434	981	74	57	0	0	0	0	24	227	296	0	0	0	0	0	0	0	0
Silver Salmon Creek	797	696	1,373	0	1,979	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0
Yentna River	975	792	1,293	320	1,198	0	0	33	0	49	146	25	0	0	0	364	0	0	0	0
Susitna River	559	534	782	268	254	102	21	22	0	12	21	73	0	0	16	0	0	0	0	0
Other Sites - Susitna River Drainages	2,050	2,827	4,632	449	2,592	350	0	0	87	182	383	465	0	896	309	727	0	0	0	0
Other Sites - Susitna to North Forelands	746	781	1,075	331	741	127	21	33	0	24	11	0	0	0	0	363	0	0	0	0
Other Sites - South of North Forelands	587	578	855	0	1,858	152	0	11	33	97	0	0	0	0	0	0	0	0	0	0
Other Streams	1,172	2,735	3,351	53	1,988	342	0	0	0	37	64	182	0	22	41	0	0	0	0	0
Big River Lakes	998	935	1,251	0	600	2,028	31	0	0	0	0	0	0	0	0	0	0	0	0	0
Trapper Lake	649	663	970	0	0	0	0	0	0	0	0	0	0	1,602	0	0	0	0	0	0
Other Lakes	355	334	670	0	0	296	0	44	0	187	92	0	0	86	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>23,105<sup>c</sup></b>	<b>32,631</b>	<b>55,298</b>	<b>7,237</b>	<b>30,613</b>	<b>4,048</b>	<b>610</b>	<b>495</b>	<b>120</b>	<b>1,463</b>	<b>2,363</b>	<b>1,871</b>	<b>160</b>	<b>3,988</b>	<b>396</b>	<b>1,818</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>25,544<sup>c</sup></b>	<b>34,871</b>	<b>58,940</b>	<b>7,429</b>	<b>31,315</b>	<b>4,340</b>	<b>620</b>	<b>495</b>	<b>120</b>	<b>1,463</b>	<b>2,363</b>	<b>1,871</b>	<b>160</b>	<b>3,988</b>	<b>396</b>	<b>13,451</b>	<b>2,422</b>	<b>134</b>	<b>19,688</b>	<b>0</b>

<sup>a</sup> West Cook Inlet-West Susitna River Drainages (Area N): All west side drainages of both the Chulitna River and Susitna River, below its confluence with the Chulitna River; and, all West Side Cook Inlet waters southward to and including Cape Douglas. Fish taken from the west bank of the Chulitna River and Susitna River are included in this area.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A78.-West Cook Inlet-West Susitna River Drainages<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		DV																
	Trips	Fished	KS	SS	RS	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	HA	LC	RCL	OTHER
<b>SALTWATER:</b>																			
Upper Cook Inlet (Boat Sites North of Chinitna Point)	123	239	89	173	224	10	0	0	0	0	0	0	0	0	11,098	231	103	0	0
Lower Cook Inlet (Boat Sites South of Chinitna Point)	114	142	0	98	0	0	0	0	0	0	0	0	0	0	0	144	14	0	0
Other Boat	186	215	39	98	0	0	0	0	0	0	0	0	0	0	0	234	0	0	0
Razor Clams: Polly Creek Beach/Crescent River Bar	73	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,746	0
Other Shoreline	70	112	11	125	17	0	0	0	0	0	0	0	0	0	0	0	0	2,893	0
<b>SALTWATER TOTAL</b>	<b>266</b>	<b>388</b>	<b>96</b>	<b>254</b>	<b>224</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,098</b>	<b>361</b>	<b>105</b>	<b>5,582</b>	<b>0</b>
<b>FRESHWATER:</b>																			
Deshka River (Kroto Creek)	536	762	10	768	8	79	32	0	28	116	67	0	115	0	0	0	0	0	0
Lake Creek	657	1,458	323	887	60	103	72	0	63	239	134	16	53	10	0	0	0	0	0
Fish Lake Creek and Fish Lakes (Yentna Drainage)	226	350	146	232	41	10	0	0	24	39	0	0	109	12	0	0	0	0	0
Alexander Creek/Lake	1,374	1,393	222	323	0	15	22	0	0	59	16	148	275	0	354	0	0	0	0
Talachulitna River	249	632	138	232	48	48	44	0	246	0	113	0	0	0	0	0	0	0	0
Chuitna River	280	376	207	308	205	0	0	0	45	123	88	0	0	0	0	0	0	0	0
Theodore River	297	376	72	141	0	0	0	0	100	45	0	0	0	0	0	0	0	0	0
Polly Creek	48	100	0	105	0	0	68	0	0	0	0	0	0	0	0	0	0	0	0
Kustatan River	305	350	0	1,366	81	0	0	0	138	32	0	0	0	0	0	0	0	0	0
Peters Creek	115	285	36	33	0	0	0	0	25	117	164	0	0	0	0	0	0	0	0
Silver Salmon Creek	163	309	0	542	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0
Yentna River	182	246	105	396	0	0	33	0	48	93	24	0	0	0	362	0	0	0	0
Susitna River	134	193	98	134	52	21	23	0	12	15	68	0	0	16	0	0	0	0	0
Other Sites - Susitna River Drainages	415	703	135	608	139	0	0	71	120	162	301	0	251	199	729	0	0	0	0
Other Sites - Susitna to North Forelands	166	213	120	229	77	21	33	0	24	11	0	0	0	0	362	0	0	0	0
Other Sites - South of North Forelands	156	197	0	1,146	108	0	11	23	67	0	0	0	0	0	0	0	0	0	0
Other Streams	848	910	28	533	141	0	0	0	27	55	140	0	22	39	0	0	0	0	0
Big River Lakes	191	231	0	260	460	30	0	0	0	0	0	0	0	0	0	0	0	0	0
Trapper Lake	176	231	0	0	0	0	0	0	0	0	0	0	497	0	0	0	0	0	0
Other Lakes	108	213	0	0	157	0	43	0	189	92	0	0	74	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>2,007</b>	<b>2,691</b>	<b>545</b>	<b>2,428</b>	<b>600</b>	<b>142</b>	<b>134</b>	<b>74</b>	<b>394</b>	<b>403</b>	<b>431</b>	<b>149</b>	<b>639</b>	<b>203</b>	<b>977</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>2,010</b>	<b>2,704</b>	<b>551</b>	<b>2,439</b>	<b>631</b>	<b>143</b>	<b>134</b>	<b>74</b>	<b>394</b>	<b>403</b>	<b>431</b>	<b>149</b>	<b>639</b>	<b>203</b>	<b>11,139</b>	<b>361</b>	<b>105</b>	<b>5,582</b>	<b>0</b>

<sup>a</sup> West Cook Inlet-West Susitna River Drainages (Area N): All west side drainages of both the Chulitna River and Susitna River, below its confluence with the Chulitna River; and, all West Side Cook Inlet waters southward to and including Cape Douglas. Fish taken from the west bank of the Chulitna River and Susitna River are included in this area.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

**Appendix A79.-Kenai River<sup>a</sup> sport fish freshwater nonguided harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Trips	Days						DV									
			Fished	KS <sup>c</sup>	KS <sup>d</sup>	SS <sup>c</sup>	SS <sup>d</sup>	RS	PS	CS	LT	AC	RT	GR	WF	NP	SM	OTHER
Kenai River - (Cook Inlet to Soldotna Bridge)	31,804	68,874	97,643	1,526	2,962	10,241	3,723	60,700	6,963	321	0	1,749	140	0	49	66	7,299	106
Kenai River - (Soldotna Bridge to Moose River)	17,692	30,582	47,564	395	761	5,461	1,287	47,288	2,327	33	0	1,343	514	24	0	0	0	0
Kenai River - (Moose River to Skilak Outlet)	9,732	19,536	28,841	160	384	3,344	1,624	26,552	645	11	11	1,811	362	0	34	0	0	0
Kenai River - (Skilak Inlet to Kenai Lake)	17,112	25,742	35,495	214	32	2,321	564	35,009	204	22	1,188	974	200	8	16	0	0	32
<b>TOTAL</b>	<b>64,351<sup>e</sup></b>	<b>144,734</b>	<b>209,543</b>	<b>2,295</b>	<b>4,139</b>	<b>21,367</b>	<b>7,198</b>	<b>169,549</b>	<b>10,139</b>	<b>387</b>	<b>1,199</b>	<b>5,877</b>	<b>1,216</b>	<b>32</b>	<b>99</b>	<b>66</b>	<b>7,299</b>	<b>138</b>

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> King salmon harvested prior to July 1; coho salmon harvested prior to September 1.

<sup>d</sup> King salmon harvested after and including July 1; coho salmon harvested after and including September 1.

<sup>e</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A80.-Kenai River<sup>a</sup> standard errors<sup>b</sup> of sport fish freshwater nonguided harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		DV														
	Trips	Fished	KS <sup>d</sup>	KS <sup>e</sup>	SS <sup>d</sup>	SS <sup>e</sup>	RS	PS	CS	LT	AC	RT	GR	WF	NP	SM	OTHER
Kenai River - (Cook Inlet to Soldotna Bridge)	3,787	5,325	168	215	978	413	5,287	1,086	155	0	269	49	0	50	65	4,410	104
Kenai River - (Soldotna Bridge to Moose River)	2,089	3,633	81	103	887	298	3,670	519	24	0	407	163	24	0	0	0	0
Kenai River - (Moose River to Skilak Outlet)	2,117	2,630	48	83	568	349	2,869	491	11	11	407	102	0	23	0	0	0
Kenai River - (Skilak Inlet to Kenai Lake)	1,558	1,996	79	23	552	143	3,024	108	22	810	251	69	8	16	0	0	27
<b>TOTAL</b>	<b>5,099</b>	<b>7,204</b>	<b>206</b>	<b>254</b>	<b>1,493</b>	<b>627</b>	<b>7,861</b>	<b>1,269</b>	<b>157</b>	<b>810</b>	<b>659</b>	<b>210</b>	<b>25</b>	<b>58</b>	<b>65</b>	<b>4,410</b>	<b>108</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> King salmon harvested prior to July 1; coho salmon harvested prior to September 1.

<sup>e</sup> King salmon harvested after and including July 1; coho salmon harvested after and including September 1.

**Appendix A81.-Kenai River<sup>a</sup> sport fish freshwater guided harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Days										DV								
	Anglers	Trips	Fished	KS <sup>c</sup>	KS <sup>d</sup>	SS <sup>c</sup>	SS <sup>d</sup>	RS	PS	CS	LT	AC	RT	GR	WF	NP	SM	OTHER	
Kenai River - (Cook Inlet to Soldotna Bridge)	23,912	22,260	34,108	2,256	4,411	7,310	1,287	6,624	3,179	22	0	662	164	91	0	26	67	13	
Kenai River - (Soldotna Bridge to Moose River)	9,360	9,059	13,495	1,441	801	2,886	789	4,578	1,668	44	0	454	132	0	0	0	0	0	
Kenai River - (Moose River to Skilak Outlet)	2,503	2,650	3,624	161	107	1,027	58	2,839	281	0	0	184	11	0	0	0	0	0	
Kenai River - (Skilak Inlet to Kenai Lake)	4,195	3,347	5,216	86	43	136	235	2,701	139	11	0	307	37	0	0	0	0	0	
<b>TOTAL</b>	<b>36,934<sup>e</sup></b>	<b>37,316</b>	<b>56,443</b>	<b>3,944</b>	<b>5,362</b>	<b>11,359</b>	<b>2,369</b>	<b>16,742</b>	<b>5,267</b>	<b>77</b>	<b>0</b>	<b>1,607</b>	<b>344</b>	<b>91</b>	<b>0</b>	<b>26</b>	<b>67</b>	<b>13</b>	

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> King salmon harvested prior to July 1; coho salmon harvested prior to September 1.

<sup>d</sup> King salmon harvested after and including July 1; coho salmon harvested after and including September 1.

<sup>e</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A82.-Kenai River<sup>a</sup> standard errors<sup>b</sup> of sport fish freshwater guided harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		DV															
	Trips	Fished	KS <sup>d</sup>	KS <sup>e</sup>	SS <sup>d</sup>	SS <sup>e</sup>	RS	PS	CS	LT	AC	RT	GR	WF	NP	SM	OTHER	
Kenai River - (Cook Inlet to Soldotna Bridge)	1,155	1,738	198	272	1,385	349	816	638	21	0	128	78	67	0	25	66	13	
Kenai River - (Soldotna Bridge to Moose River)	868	1,269	153	122	515	260	981	503	47	0	108	65	0	0	0	0	0	
Kenai River - (Moose River to Skilak Outlet)	374	469	40	41	236	40	931	167	0	0	138	11	0	0	0	0	0	
Kenai River - (Skilak Inlet to Kenai Lake)	323	530	34	34	52	80	564	124	11	0	128	22	0	0	0	0	0	
<b>TOTAL</b>	<b>1,483</b>	<b>2,202</b>	<b>243</b>	<b>302</b>	<b>1,482</b>	<b>447</b>	<b>1,678</b>	<b>863</b>	<b>52</b>	<b>0</b>	<b>253</b>	<b>105</b>	<b>67</b>	<b>0</b>	<b>25</b>	<b>66</b>	<b>13</b>	

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> King salmon harvested prior to July 1; coho salmon harvested prior to September 1.

<sup>e</sup> King salmon harvested after and including July 1; coho salmon harvested after and including September 1.

**Appendix A83.-Kenai Peninsula Area<sup>a</sup> sport fish freshwater harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Trips	Days																		
			Fished	KS	SS	LL	RS	KO	PS	CS	LT	DV									
												AC	SH	RT	GR	WF	NP	BB	SM	OTHER	
Anchor River	7,340	11,901	16,016	1,483	1,762	0	218	0	78	11	0	963	0	0	0	0	0	0	0	0	6
Ninilchik River	7,513	7,377	11,445	2,401	1,071	0	284	0	0	0	0	560	0	0	0	0	0	0	0	0	0
Deep Creek	5,974	5,916	9,629	886	2,313	0	55	0	21	0	0	615	0	0	0	0	0	0	0	0	0
Stariski Creek	419	581	694	0	426	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0
Resurrection Creek	2,849	2,485	3,884	0	224	0	94	0	3,286	144	0	291	0	0	0	0	0	0	0	0	0
Quartz Creek	1,916	2,347	3,018	0	0	0	0	0	0	0	0	339	0	53	24	0	0	0	0	0	0
Sixmile Creek Drainage	881	1,287	1,723	0	551	0	92	0	98	44	0	146	0	0	0	0	53	0	0	0	0
Russian River	29,430	32,410	50,122	0	4,599	0	58,211	0	409	0	0	135	0	127	8	0	0	0	0	0	0
Kasilof River - Nonguided Bank Fishing	10,515	17,553	22,858	3,266	755	0	1,482	0	49	0	0	329	0	118	0	0	0	0	0	0	0
Kasilof River - Nonguided Boat Fishing	1,793	1,998	2,657	534	300	0	205	0	10	0	0	37	12	61	0	0	0	0	0	0	0
Kasilof River - Guided Bank Fishing	1,202	1,607	2,596	161	211	0	119	0	0	0	0	24	24	0	0	0	0	0	0	0	0
Kasilof River - Guided Boat Fishing	4,795	3,538	5,474	2,167	1,346	0	696	0	41	0	0	478	0	13	0	0	0	0	0	0	66
Ptarmigan Creek	312	206	336	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0
Crooked Creek	259	349	417	0	471	0	0	0	10	0	0	49	0	0	0	0	0	0	0	0	0
Other Streams	1,907	2,390	3,443	11	712	0	188	0	258	0	11	1,051	0	529	55	0	0	0	0	0	0
Swanson River	1,883	2,917	3,907	0	2,578	0	511	0	42	0	0	509	0	221	0	0	0	0	0	0	0
Swanson River Canoe Route Lakes	1,228	1,329	2,564	0	76	26	0	0	29	0	0	519	0	1,107	0	0	0	0	0	0	0
Swan Lake Canoe System	691	551	1,184	0	47	0	17	0	0	0	0	0	0	542	0	0	0	0	0	0	0
Hidden Lake	1,501	1,740	2,305	0	700	0	225	0	0	0	1,131	0	0	108	0	0	0	0	0	0	0
Crescent Lake	720	512	756	0	0	0	0	0	0	0	0	0	0	0	423	0	0	0	0	0	0
Skilak Lake	1,479	1,105	1,780	0	199	0	307	0	59	0	325	146	0	21	0	0	0	0	0	0	0
Tustumena Lake	625	795	910	0	144	0	0	0	0	0	157	73	0	0	0	0	0	0	0	0	0
Kenai Lake	531	683	878	0	0	0	0	0	0	0	385	48	0	90	0	32	0	0	0	0	0
Johnson Lake	1,004	1,240	1,822	0	0	0	0	0	0	0	0	0	0	1,637	0	0	0	0	0	0	0
Summit Lake	310	246	360	0	0	0	0	0	0	0	11	110	0	189	0	0	0	0	0	0	0
Elephant Lake	296	899	931	0	0	2,207	0	0	0	0	0	0	0	505	0	0	0	0	0	0	0
Other Lakes	3,977	5,129	7,547	0	0	1,152	52	0	0	0	321	715	0	2,970	438	0	32	0	0	0	0
<b>TOTAL</b>	<b>65,670<sup>c</sup></b>	<b>109,091</b>	<b>159,256</b>	<b>10,909</b>	<b>18,485</b>	<b>3,385</b>	<b>62,756</b>	<b>0</b>	<b>4,390</b>	<b>199</b>	<b>2,341</b>	<b>7,161</b>	<b>36</b>	<b>8,331</b>	<b>948</b>	<b>32</b>	<b>85</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>72</b>

<sup>a</sup> Kenai Peninsula (Area P): All waters and drainages of the Kenai Peninsula from Cape Puget around to, but excluding Ingram Creek, including Kalgin Island. Does not include the Kenai River main channel.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.



**Appendix A84.-Kenai Peninsula Area<sup>a</sup> standard errors<sup>b</sup> of sport fish freshwater harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		DV																
	Trips	Fished	KS	SS	LL	RS	KO	PS	CS	LT	AC	SH	RT	GR	WF	NP	BB	SM	OTHER
Anchor River	1,460	1,597	201	435	0	139	0	58	11	0	237	0	0	0	0	0	0	0	6
Ninilchik River	621	1,034	289	394	0	144	0	0	0	0	228	0	0	0	0	0	0	0	0
Deep Creek	559	1,327	161	1,063	0	25	0	15	0	0	223	0	0	0	0	0	0	0	0
Stariski Creek	189	223	0	218	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0
Resurrection Creek	275	443	0	68	0	58	0	580	75	0	192	0	0	0	0	0	0	0	0
Quartz Creek	432	499	0	0	0	0	0	0	0	0	129	0	45	24	0	0	0	0	0
Sixmile Creek Drainage	297	378	0	205	0	47	0	48	26	0	88	0	0	0	0	53	0	0	0
Russian River	1,218	2,715	0	1,112	0	3,468	0	163	0	0	53	0	61	9	0	0	0	0	0
Kasilof River - Nonguided Bank Fishing	1,731	1,955	315	212	0	339	0	30	0	0	123	0	60	0	0	0	0	0	0
Kasilof River - Nonguided Boat Fishing	280	362	130	113	0	96	0	11	0	0	22	12	41	0	0	0	0	0	0
Kasilof River - Guided Bank Fishing	377	729	54	131	0	73	0	0	0	0	25	24	0	0	0	0	0	0	0
Kasilof River - Guided Boat Fishing	360	496	233	442	0	467	0	41	0	0	206	0	13	0	0	0	0	0	55
Ptarmigan Creek	65	115	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0
Crooked Creek	132	150	0	353	0	0	0	11	0	0	48	0	0	0	0	0	0	0	0
Other Streams	484	564	11	215	0	100	0	159	0	11	374	0	347	58	0	0	0	0	0
Swanson River	721	811	0	845	0	411	0	43	0	0	301	0	89	0	0	0	0	0	0
Swanson River Canoe Route Lakes	289	604	0	58	27	0	0	29	0	0	299	0	342	0	0	0	0	0	0
Swan Lake Canoe System	126	280	0	47	0	17	0	0	0	0	0	0	167	0	0	0	0	0	0
Hidden Lake	350	394	0	325	0	138	0	0	0	321	0	0	61	0	0	0	0	0	0
Crescent Lake	105	155	0	0	0	0	0	0	0	0	0	0	0	134	0	0	0	0	0
Skilak Lake	162	254	0	145	0	124	0	60	0	146	66	0	21	0	0	0	0	0	0
Tustumena Lake	276	272	0	90	0	0	0	0	0	74	62	0	0	0	0	0	0	0	0
Kenai Lake	220	242	0	0	0	0	0	0	0	193	29	0	48	0	33	0	0	0	0
Johnson Lake	250	375	0	0	0	0	0	0	0	0	0	0	373	0	0	0	0	0	0
Summit Lake	82	118	0	0	0	0	0	0	0	11	79	0	109	0	0	0	0	0	0
Elephant Lake	324	333	0	0	948	0	0	0	0	0	0	0	216	0	0	0	0	0	0
Other Lakes	580	712	0	0	574	36	0	0	0	146	230	0	546	169	0	32	0	0	0
<b>TOTAL</b>	<b>3,264</b>	<b>4,858</b>	<b>571</b>	<b>2,050</b>	<b>1,131</b>	<b>3,595</b>	<b>0</b>	<b>632</b>	<b>81</b>	<b>437</b>	<b>795</b>	<b>27</b>	<b>913</b>	<b>226</b>	<b>33</b>	<b>62</b>	<b>0</b>	<b>0</b>	<b>55</b>

<sup>a</sup> Kenai Peninsula (Area P): All waters and drainages of the Kenai Peninsula from Cape Puget around to, but excluding Ingram Creek, including Kalgin Island. Does not include the Kenai River main channel.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

### Appendix A85.-Kenai Peninsula Area<sup>a</sup> sport fish saltwater harvest and effort by fisheries for finfish species<sup>b</sup>, 1996.

	Anglers	Trips	Days Fished	KS <sup>c</sup>	KS <sup>d</sup>	SS	RS	PS	CS	DV		HA	SK	RF	LC	PC	OTHER	
										AC	SH	SM						
<b>SALTWATER CHARTER BOAT:</b>																		
Barren Islands	8,931	5,989	9,358	11	11	0	0	0	0	0	0	0	15,366	0	329	70	43	183
Resurrection Bay (Seward)	19,692	13,883	21,928	491	298	17,884	153	645	363	230	0	65	14,090	6	8,909	1,162	313	295
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River Areas	24,668	19,401	28,294	2,238	907	1,372	197	217	11	73	0	36	38,328	0	543	383	194	123
Other Cook Inlet North of Ninilchik River	1,064	805	1,592	11	267	89	310	0	0	0	0	0	1,820	0	0	0	0	26
Other Cook Inlet/Gulf Coast West of Gore Point	33,758	23,700	37,189	1,317	605	2,773	678	580	99	415	0	73	52,012	10	1,619	784	253	286
Other Gulf Coast East of Gore Point	1,230	782	1,286	18	0	812	8	0	0	24	0	0	1,331	0	734	134	9	40
<b>CHARTER BOAT TOTAL</b>	<b>83,701<sup>e</sup></b>	<b>64,560</b>	<b>99,647</b>	<b>4,086</b>	<b>2,088</b>	<b>22,930</b>	<b>1,346</b>	<b>1,442</b>	<b>473</b>	<b>742</b>	<b>0</b>	<b>174</b>	<b>122,947</b>	<b>16</b>	<b>12,134</b>	<b>2,533</b>	<b>812</b>	<b>953</b>
<b>SALTWATER PRIVATE BOAT:</b>																		
Barren Islands	942	835	1,272	0	0	9	0	59	0	49	0	0	1,531	0	80	17	0	0
Resurrection Bay (Seward)	14,429	21,291	34,459	629	458	41,014	325	1,291	176	146	0	0	7,545	16	10,285	1,200	75	547
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River Areas	18,534	30,022	42,206	2,464	1,099	958	144	72	11	98	0	36	39,543	89	495	391	331	195
Other Cook Inlet North of Ninilchik River	245	419	563	11	0	151	9	0	0	0	0	0	405	0	0	0	0	0
Other Cook Inlet/Gulf Coast West of Gore Point	19,529	30,020	42,312	1,692	810	3,204	728	1,414	351	849	0	36	35,457	0	2,084	358	667	679
Other Gulf Coast East of Gore Point	583	1,134	1,697	53	32	884	0	60	0	0	0	0	1,089	0	1,014	123	0	0
<b>PRIVATE BOAT TOTAL</b>	<b>47,212<sup>e</sup></b>	<b>83,721</b>	<b>122,509</b>	<b>4,849</b>	<b>2,399</b>	<b>46,220</b>	<b>1,206</b>	<b>2,896</b>	<b>538</b>	<b>1,142</b>	<b>0</b>	<b>72</b>	<b>85,570</b>	<b>105</b>	<b>13,958</b>	<b>2,089</b>	<b>1,073</b>	<b>1,421</b>
<b>BOAT TOTAL</b>	<b>125,423<sup>e</sup></b>	<b>148,281</b>	<b>222,156</b>	<b>8,935</b>	<b>4,487</b>	<b>69,150</b>	<b>2,552</b>	<b>4,338</b>	<b>1,011</b>	<b>1,884</b>	<b>0</b>	<b>246</b>	<b>208,517</b>	<b>121</b>	<b>26,092</b>	<b>4,622</b>	<b>1,885</b>	<b>2,374</b>
<b>SALTWATER SHORELINE:</b>																		
Homer Spit (Kachemak Bay)	12,040	19,194	24,315	933	1,423	9,060	8	142	0	220	0	0	825	0	45	68	14	145
Resurrection Bay (Seward)	11,553	13,925	21,875	2,262	1,984	15,186	263	2,873	1,137	256	0	0	168	0	511	0	12	268
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River Areas	481	574	806	85	32	218	0	0	0	0	0	0	0	0	0	0	0	46
Shoreline - Other	814	1,595	2,131	203	140	294	93	110	0	306	0	0	66	0	8	11	0	13
<b>SHORELINE TOTAL</b>	<b>23,419<sup>e</sup></b>	<b>35,288</b>	<b>49,127</b>	<b>3,483</b>	<b>3,579</b>	<b>24,758</b>	<b>364</b>	<b>3,125</b>	<b>1,137</b>	<b>782</b>	<b>0</b>	<b>0</b>	<b>1,059</b>	<b>0</b>	<b>564</b>	<b>79</b>	<b>26</b>	<b>472</b>
<b>GRAND TOTAL</b>	<b>138,012<sup>e</sup></b>	<b>183,569</b>	<b>271,283</b>	<b>12,418</b>	<b>8,066</b>	<b>93,908</b>	<b>2,916</b>	<b>7,463</b>	<b>2,148</b>	<b>2,666</b>	<b>0</b>	<b>246</b>	<b>209,576</b>	<b>121</b>	<b>26,656</b>	<b>4,701</b>	<b>1,911</b>	<b>2,846</b>

<sup>a</sup> Kenai Peninsula (Area P): All Alaskan saltwater around the Kenai Peninsula from Cape Puget around to, but excluding, Ingram Creek, including waters around Kalgin Island.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> King salmon harvested prior to June 25.

<sup>d</sup> King salmon harvested after and including June 25.

<sup>e</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A86.-Kenai Peninsula Area<sup>a</sup> standard errors<sup>b</sup> of sport fish saltwater harvest and effort by fisheries for finfish species<sup>c</sup>, 1996.**

	Trips	Days		KS <sup>d</sup>	KS <sup>e</sup>	SS	RS	PS	CS	DV							
		Fished								SH	SM	HA	SK	RF	LC	PC	OTHER
<b>SALTWATER CHARTER BOAT:</b>																	
Barren Islands	476	645	11	11	0	0	0	0	0	0	0	1,098	0	198	26	23	152
Resurrection Bay (Seward)	989	1,320	185	100	1,843	83	158	187	188	0	49	804	6	959	154	185	153
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River Areas	830	1,152	206	112	341	144	122	11	35	0	38	1,518	0	224	90	56	42
Other Cook Inlet North of Ninilchik River	147	288	10	78	81	204	0	0	0	0	0	351	0	0	0	0	27
Other Cook Inlet/Gulf Coast West of Gore Point	1,220	1,551	194	112	557	271	136	44	118	0	61	2,123	10	341	141	63	111
Other Gulf Coast East of Gore Point	120	203	12	0	277	8	0	0	25	0	0	226	0	239	54	9	40
<b>CHARTER BOAT TOTAL</b>	<b>1,909</b>	<b>2,544</b>	<b>339</b>	<b>209</b>	<b>2,015</b>	<b>370</b>	<b>244</b>	<b>194</b>	<b>225</b>	<b>0</b>	<b>85</b>	<b>3,111</b>	<b>12</b>	<b>1,066</b>	<b>228</b>	<b>198</b>	<b>258</b>
<b>SALTWATER PRIVATE BOAT:</b>																	
Barren Islands	174	312	0	0	9	0	63	0	52	0	0	318	0	49	13	0	0
Resurrection Bay (Seward)	1,655	2,488	160	132	3,391	218	282	79	143	0	0	1,220	12	1,934	298	41	254
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River Areas	1,873	2,643	257	178	236	81	46	11	49	0	37	2,265	77	170	106	118	140
Other Cook Inlet North of Ninilchik River	155	180	11	0	114	9	0	0	0	0	0	156	0	0	0	0	0
Other Cook Inlet/Gulf Coast West of Gore Point	1,764	2,596	235	144	649	360	548	238	362	0	35	2,166	0	422	119	237	232
Other Gulf Coast East of Gore Point	312	504	51	31	525	0	44	0	0	0	0	353	0	499	48	0	0
<b>PRIVATE BOAT TOTAL</b>	<b>3,057</b>	<b>4,451</b>	<b>393</b>	<b>258</b>	<b>3,465</b>	<b>429</b>	<b>604</b>	<b>248</b>	<b>403</b>	<b>0</b>	<b>50</b>	<b>3,418</b>	<b>79</b>	<b>2,053</b>	<b>340</b>	<b>271</b>	<b>373</b>
<b>BOAT TOTAL</b>	<b>3,495</b>	<b>4,953</b>	<b>527</b>	<b>329</b>	<b>4,035</b>	<b>566</b>	<b>650</b>	<b>314</b>	<b>460</b>	<b>0</b>	<b>99</b>	<b>4,380</b>	<b>80</b>	<b>2,310</b>	<b>407</b>	<b>342</b>	<b>451</b>
<b>SALTWATER SHORELINE:</b>																	
Homer Spit (Kachemak Bay)	2,021	2,142	148	164	1,142	9	52	0	92	0	0	184	0	26	32	14	85
Resurrection Bay (Seward)	1,053	1,905	541	660	1,665	111	747	311	132	0	0	78	0	164	0	9	105
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River Areas	145	203	36	19	106	0	0	0	0	0	0	0	0	0	0	0	38
Shoreline - Other	681	705	83	61	152	52	64	0	116	0	0	49	0	8	11	0	13
<b>SHORELINE TOTAL</b>	<b>2,326</b>	<b>2,856</b>	<b>566</b>	<b>688</b>	<b>2,056</b>	<b>123</b>	<b>757</b>	<b>311</b>	<b>196</b>	<b>0</b>	<b>0</b>	<b>207</b>	<b>0</b>	<b>166</b>	<b>34</b>	<b>16</b>	<b>142</b>
<b>GRAND TOTAL</b>	<b>4,169</b>	<b>5,717</b>	<b>774</b>	<b>759</b>	<b>4,554</b>	<b>572</b>	<b>1,013</b>	<b>447</b>	<b>506</b>	<b>0</b>	<b>99</b>	<b>4,394</b>	<b>80</b>	<b>2,317</b>	<b>407</b>	<b>344</b>	<b>466</b>

<sup>a</sup> Kenai Peninsula (Area P): All Alaskan saltwater around the Kenai Peninsula from Cape Puget around to, but excluding, Ingram Creek, including waters around Kalgin Island.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> King salmon harvested prior to June 25.

<sup>e</sup> King salmon harvested after and including June 25.

**Appendix A87.-Kodiak Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Trips	Days							DV										
			Fished	KS	SS	LL	RS	PS	CS	AC	SH	RT	GR	SM	HA	SK	RF	LC	RCL	OTHER
<b>SALTWATER:</b>																				
Boat - Chiniak Bay Area	4,487	10,212	12,046	1,642	2,112	0	632	591	88	513	0	0	0	0	6,787	0	4,248	753	0	670
Boat - Afognak Island Area	1,881	3,561	5,734	96	2,206	0	534	601	0	1,583	25	0	0	0	2,746	0	766	99	0	342
Boat - Other	2,620	3,573	5,814	566	1,274	0	555	286	44	792	25	0	0	0	4,440	0	1,379	200	0	44
Shoreline - Chiniak Bay Area	1,411	4,376	5,161	0	494	0	195	1,078	89	596	0	0	0	727	44	0	99	0	0	13
Shoreline - Afognak Island Area	366	784	1,064	11	719	0	0	104	0	74	49	0	0	0	94	0	8	0	0	0
Shoreline - Afognak Lagoon (Litnik)	695	567	940	64	723	0	225	10	0	12	0	0	0	0	84	0	51	22	0	0
Shoreline - Other	538	986	2,696	21	431	0	100	160	11	243	0	0	0	0	10	0	0	0	1,366	0
<b>SALTWATER TOTAL</b>	<b>9,249<sup>c</sup></b>	<b>24,059</b>	<b>33,455</b>	<b>2,400</b>	<b>7,959</b>	<b>0</b>	<b>2,241</b>	<b>2,830</b>	<b>232</b>	<b>3,813</b>	<b>99</b>	<b>0</b>	<b>0</b>	<b>727</b>	<b>14,205</b>	<b>0</b>	<b>6,551</b>	<b>1,074</b>	<b>1,366</b>	<b>1,069</b>
<b>FRESHWATER:</b>																				
Buskin River	3,663	11,290	14,159	96	2,481	0	1,881	1,771	410	2,027	0	0	0	0	0	0	0	0	0	0
Pasagshak River	2,429	3,561	4,730	0	1,430	0	723	69	0	195	0	0	0	0	0	0	0	0	0	6
Karluk River and Lagoon	1,569	1,397	4,665	1,695	343	0	1,143	166	0	941	34	0	0	0	0	0	0	0	0	0
American River	1,846	2,516	3,483	0	549	0	0	436	188	1,105	0	0	0	0	0	0	0	0	0	13
Olds River (or Creek)	1,594	2,467	3,062	0	864	0	0	348	55	425	0	0	0	0	0	0	0	0	0	0
Red River (Ayakulik)	677	522	1,524	419	359	0	608	0	0	61	12	0	0	0	0	0	0	0	0	0
Saltery Cove Streams	556	1,227	1,683	0	333	0	870	0	0	534	0	21	0	0	0	0	0	0	0	0
Other Remote Streams	1,316	2,277	3,231	21	977	0	287	764	22	393	0	21	0	0	0	0	0	0	0	0
Other Road System Streams	1,222	2,815	3,732	0	492	0	8	651	709	1,251	0	0	0	0	0	0	0	0	0	0
Roadside Lakes	815	1,679	2,373	0	190	0	33	0	0	121	72	345	0	0	0	0	0	0	0	0
Other Lakes	397	272	782	0	56	0	54	41	0	490	0	79	0	0	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>8,879<sup>c</sup></b>	<b>30,023</b>	<b>43,424</b>	<b>2,231</b>	<b>8,074</b>	<b>0</b>	<b>5,607</b>	<b>4,246</b>	<b>1,384</b>	<b>7,543</b>	<b>118</b>	<b>466</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19</b>
<b>GRAND TOTAL</b>	<b>13,748<sup>c</sup></b>	<b>54,082</b>	<b>76,879</b>	<b>4,631</b>	<b>16,033</b>	<b>0</b>	<b>7,848</b>	<b>7,076</b>	<b>1,616</b>	<b>11,356</b>	<b>217</b>	<b>466</b>	<b>0</b>	<b>727</b>	<b>14,205</b>	<b>0</b>	<b>6,551</b>	<b>1,074</b>	<b>1,366</b>	<b>1,088</b>

<sup>a</sup> Kodiak (Area Q): All Alaskan waters, including drainages, of the Kodiak and Afognak Island groups including the Trinity Islands.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A88.-Kodiak Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days								DV										
	Trips	Fished	KS	SS	LL	RS	PS	CS	AC	SH	RT	GR	SM	HA	SK	RF	LC	RCL	OTHER
<b>SALTWATER:</b>																			
Boat - Chiniak Bay Area	1,403	1,519	326	480	0	316	311	50	235	0	0	0	0	754	0	1,278	173	0	268
Boat - Afognak Island Area	696	1,181	69	579	0	350	335	0	1,073	25	0	0	0	466	0	249	36	0	246
Boat - Other	479	762	182	337	0	200	207	31	418	26	0	0	0	608	0	561	74	0	39
Shoreline - Chiniak Bay Area	1,212	1,385	0	233	0	134	404	68	305	0	0	0	756	42	0	72	0	0	13
Shoreline - Afognak Island Area	309	337	10	336	0	0	105	0	75	35	0	0	0	74	0	9	0	0	0
Shoreline - Afognak Lagoon (Litnik)	131	204	65	240	0	111	11	0	13	0	0	0	0	48	0	51	22	0	0
Shoreline - Other	324	1,193	22	251	0	102	109	11	148	0	0	0	0	10	0	0	0	1,353	0
<b>SALTWATER TOTAL</b>	<b>2,109</b>	<b>2,817</b>	<b>385</b>	<b>966</b>	<b>0</b>	<b>557</b>	<b>676</b>	<b>91</b>	<b>1,241</b>	<b>48</b>	<b>0</b>	<b>0</b>	<b>756</b>	<b>1,072</b>	<b>0</b>	<b>1,387</b>	<b>193</b>	<b>1,353</b>	<b>377</b>
<b>FRESHWATER:</b>																			
Buskin River	1,401	2,075	50	465	0	479	455	334	505	0	0	0	0	0	0	0	0	0	0
Pasagshak River	489	634	0	330	0	192	39	0	90	0	0	0	0	0	0	0	0	0	6
Karluk River and Lagoon	237	795	353	160	0	298	116	0	410	20	0	0	0	0	0	0	0	0	0
American River	418	613	0	183	0	0	133	96	406	0	0	0	0	0	0	0	0	0	13
Olds River (or Creek)	460	547	0	287	0	0	147	57	147	0	0	0	0	0	0	0	0	0	0
Red River (Ayakulik)	115	359	168	195	0	192	0	0	32	12	0	0	0	0	0	0	0	0	0
Saltery Cove Streams	504	547	0	145	0	278	0	0	361	0	20	0	0	0	0	0	0	0	0
Other Remote Streams	505	598	23	328	0	110	331	22	149	0	22	0	0	0	0	0	0	0	0
Other Road System Streams	669	1,029	0	221	0	9	210	562	602	0	0	0	0	0	0	0	0	0	0
Roadside Lakes	695	1,098	0	95	0	32	0	0	60	52	132	0	0	0	0	0	0	0	0
Other Lakes	68	204	0	39	0	40	32	0	234	0	45	0	0	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>2,008</b>	<b>2,997</b>	<b>395</b>	<b>794</b>	<b>0</b>	<b>697</b>	<b>655</b>	<b>671</b>	<b>1,090</b>	<b>57</b>	<b>144</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>
<b>GRAND TOTAL</b>	<b>2,856</b>	<b>4,012</b>	<b>545</b>	<b>1,248</b>	<b>0</b>	<b>902</b>	<b>907</b>	<b>677</b>	<b>1,676</b>	<b>74</b>	<b>144</b>	<b>0</b>	<b>756</b>	<b>1,072</b>	<b>0</b>	<b>1,387</b>	<b>193</b>	<b>1,353</b>	<b>378</b>

<sup>a</sup> Kodiak (Area Q): All Alaskan waters, including drainages, of the Kodiak and Afognak Island groups including the Trinity Islands.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

**Appendix A89.-Naknek River Drainage-Alaska Peninsula Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Days										DV									
		Trips	Fished	KS	SS	RS	KO	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	HA	RF	LC	OTHER
<b>SALTWATER:</b>																					
Boat - Unalaska Island	284	1,631	1,625	0	142	33	0	0	0	0	0	0	0	0	0	0	0	1,150	45	0	0
Boat - Unalaska Bay	509	615	775	0	0	46	0	118	0	0	37	0	0	0	0	0	0	814	18	0	0
Boat - Other	1,002	1,505	2,465	149	771	450	0	30	0	0	305	0	0	0	0	22	1,249	358	9	92	
Shoreline	502	2,161	2,227	0	312	200	0	647	0	0	281	0	0	0	0	0	0	161	0	141	
<b>SALTWATER TOTAL</b>	<b>2,037<sup>c</sup></b>	<b>5,912</b>	<b>7,092</b>	<b>149</b>	<b>1,225</b>	<b>729</b>	<b>0</b>	<b>795</b>	<b>0</b>	<b>0</b>	<b>623</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>3,213</b>	<b>582</b>	<b>9</b>	<b>233</b>	
<b>FRESHWATER:</b>																					
Cold Bay Area (including Russel Creek)	325	1,051	1,241	54	788	260	0	98	100	0	681	0	0	0	0	0	0	0	0	0	0
Naknek River above Rapids Camp	1,450	3,604	4,926	571	1,449	265	0	69	0	118	705	295	141	80	108	0	727	0	0	0	0
Naknek River below Rapids Camp	2,260	4,894	7,045	2,413	3,305	297	0	20	55	9	171	308	29	0	0	0	727	0	0	0	0
Brooks River	1,364	2,506	3,784	0	0	433	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
American Creek	399	438	543	0	0	63	0	0	0	0	170	119	17	0	0	0	0	0	0	0	0
Other Streams	1,231	2,818	4,165	565	2,180	395	0	148	199	0	501	208	90	0	0	0	0	0	0	0	0
Ugashik System	690	787	2,195	21	491	556	0	0	33	214	122	0	0	0	430	0	0	0	0	0	0
Becharof System	384	477	610	86	375	25	0	145	0	0	219	11	24	0	0	0	0	0	0	0	0
Other Systems	54	396	409	0	9	50	0	0	0	0	341	0	0	0	0	0	0	0	0	0	0
Naknek Lake - Bay of Islands	275	437	518	32	0	0	0	0	0	67	0	66	0	0	120	0	0	0	0	0	0
Naknek Lake - Other	287	349	829	0	0	60	0	0	0	0	0	13	0	0	40	0	0	0	0	0	0
Other Lakes	438	730	859	0	58	113	0	79	0	50	182	0	0	0	26	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>6,355<sup>c</sup></b>	<b>18,487</b>	<b>27,124</b>	<b>3,742</b>	<b>8,655</b>	<b>2,517</b>	<b>0</b>	<b>559</b>	<b>387</b>	<b>458</b>	<b>3,092</b>	<b>1,020</b>	<b>301</b>	<b>80</b>	<b>724</b>	<b>0</b>	<b>1,454</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>7,861<sup>c</sup></b>	<b>24,399</b>	<b>34,216</b>	<b>3,891</b>	<b>9,880</b>	<b>3,246</b>	<b>0</b>	<b>1,354</b>	<b>387</b>	<b>458</b>	<b>3,715</b>	<b>1,020</b>	<b>301</b>	<b>80</b>	<b>724</b>	<b>0</b>	<b>1,476</b>	<b>3,213</b>	<b>582</b>	<b>9</b>	<b>233</b>

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A90.-Naknek River Drainage-Alaska Peninsula Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days									DV										
	Trips	Fished	KS	SS	RS	KO	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	HA	RF	LC	OTHER
SALTWATER:																				
Boat - Unalaska Island	725	691	0	85	24	0	0	0	0	0	0	0	0	0	0	0	374	44	0	0
Boat - Unalaska Bay	171	191	0	0	46	0	117	0	0	37	0	0	0	0	0	0	230	18	0	0
Boat - Other	335	449	80	286	307	0	22	0	0	180	0	0	0	0	0	22	311	209	9	85
Shoreline	746	716	0	135	99	0	474	0	0	178	0	0	0	0	0	0	0	141	0	119
<b>SALTWATER TOTAL</b>	<b>1,099</b>	<b>1,082</b>	<b>80</b>	<b>326</b>	<b>328</b>	<b>0</b>	<b>486</b>	<b>0</b>	<b>0</b>	<b>252</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>532</b>	<b>256</b>	<b>9</b>	<b>148</b>
FRESHWATER:																				
Cold Bay Area (including Russel Creek)	386	397	43	302	162	0	96	64	0	350	0	0	0	0	0	0	0	0	0	0
Naknek River above Rapids Camp	772	1,029	206	637	147	0	63	0	115	405	111	122	80	108	0	732	0	0	0	0
Naknek River below Rapids Camp	937	1,439	451	772	139	0	14	30	10	106	120	20	0	0	0	730	0	0	0	0
Brooks River	856	1,023	0	0	160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
American Creek	158	176	0	0	47	0	0	0	0	151	106	17	0	0	0	0	0	0	0	0
Other Streams	671	763	203	799	175	0	73	103	0	206	146	49	0	0	0	0	0	0	0	0
Ugashik System	180	762	22	196	335	0	0	32	153	80	0	0	0	325	0	0	0	0	0	0
Becharof System	137	158	47	212	18	0	140	0	0	134	11	24	0	0	0	0	0	0	0	0
Other Systems	349	331	0	9	48	0	0	0	0	251	0	0	0	0	0	0	0	0	0	0
Naknek Lake - Bay of Islands	156	170	24	0	0	0	0	0	48	0	39	0	0	77	0	0	0	0	0	0
Naknek Lake - Other	148	480	0	0	44	0	0	0	0	0	13	0	0	40	0	0	0	0	0	0
Other Lakes	202	220	0	43	81	0	60	0	25	117	0	0	0	25	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>1,740</b>	<b>2,435</b>	<b>557</b>	<b>1,346</b>	<b>516</b>	<b>0</b>	<b>213</b>	<b>126</b>	<b>198</b>	<b>684</b>	<b>260</b>	<b>138</b>	<b>80</b>	<b>349</b>	<b>0</b>	<b>1,005</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>2,036</b>	<b>2,650</b>	<b>564</b>	<b>1,381</b>	<b>602</b>	<b>0</b>	<b>538</b>	<b>126</b>	<b>198</b>	<b>725</b>	<b>260</b>	<b>138</b>	<b>80</b>	<b>349</b>	<b>0</b>	<b>1,005</b>	<b>532</b>	<b>256</b>	<b>9</b>	<b>148</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

**Appendix A91.-Kvichak River Drainage Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Days			DV													
		Trips	Fished	KS	SS	RS	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	OTHER	
<b>SALTWATER:</b>																		
Boat	69	53	270	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Shoreline	28	21	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>SALTWATER TOTAL</b>	69 <sup>c</sup>	74	313	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>FRESHWATER:</b>																		
Kvichak River	1,718	2,719	4,484	107	346	1,604	0	44	53	389	58	98	320	74	41	0	0	
Newhalen River	1,788	1,834	3,037	0	20	3,513	0	0	0	170	82	328	18	108	0	0	0	
Alagnak (Branch) River	2,727	2,639	8,121	931	1,834	1,240	290	274	9	270	26	192	36	212	0	0	0	
Copper River (tributary of Lake Iliamna)	749	900	1,558	43	0	325	145	0	0	0	0	0	0	0	0	0	0	
Lower Talarik Creek	470	327	601	0	0	46	0	33	0	0	0	25	0	0	0	0	0	
Kulik River	332	1,435	1,644	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Moraine Creek	372	332	574	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other Streams	1,453	1,987	2,980	21	49	220	83	0	0	24	423	422	0	0	0	0	0	
Lake Iliamna	868	743	1,117	0	0	319	104	0	19	24	21	57	0	62	0	0	0	
Lake Clark	728	646	1,003	0	0	51	21	0	134	49	0	289	18	137	16	0	0	
Other Lakes	483	803	1,146	43	0	0	0	22	175	98	0	165	0	24	81	0	0	
<b>FRESHWATER TOTAL</b>	8,051 <sup>c</sup>	14,365	26,265	1,145	2,249	7,318	643	373	390	1,024	610	1,576	392	617	138	0	0	
<b>GRAND TOTAL</b>	8,051 <sup>c</sup>	14,439	26,578	1,145	2,249	7,318	643	373	390	1,024	610	1,576	392	617	138	0	0	

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.



**Appendix A92.-Kvichak River Drainage Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		DV													
	Trips	Fished	KS	SS	RS	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	OTHER
<b>SALTWATER:</b>																
Boat	28	140	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline	22	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>SALTWATER TOTAL</b>	<b>36</b>	<b>146</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FRESHWATER:</b>																
Kvichak River	754	863	70	197	445	0	45	44	359	36	78	315	40	40	0	0
Newhalen River	275	432	0	20	701	0	0	0	137	46	133	18	106	0	0	0
Alagnak (Branch) River	329	988	172	395	317	96	75	9	90	19	103	34	138	0	0	0
Copper River (tributary of Lake Iliamna)	230	338	44	0	149	142	0	0	0	0	0	0	0	0	0	0
Lower Talarik Creek	65	171	0	0	48	0	32	0	0	0	19	0	0	0	0	0
Kulik River	637	694	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Moraine Creek	86	171	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Streams	400	497	22	29	93	63	0	0	17	407	265	0	0	0	0	0
Lake Iliamna	155	221	0	0	117	100	0	18	26	21	37	0	44	0	0	0
Lake Clark	145	202	0	0	40	20	0	72	49	0	133	18	80	17	0	0
Other Lakes	203	326	43	0	0	0	22	106	56	0	132	0	17	83	0	0
<b>FRESHWATER TOTAL</b>	<b>1,205</b>	<b>1,714</b>	<b>202</b>	<b>443</b>	<b>957</b>	<b>207</b>	<b>96</b>	<b>139</b>	<b>402</b>	<b>413</b>	<b>380</b>	<b>316</b>	<b>202</b>	<b>91</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>1,206</b>	<b>1,718</b>	<b>202</b>	<b>443</b>	<b>957</b>	<b>207</b>	<b>96</b>	<b>139</b>	<b>402</b>	<b>413</b>	<b>380</b>	<b>316</b>	<b>202</b>	<b>91</b>	<b>0</b>	<b>0</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

### Appendix A93.-Nushagak Area<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.

	Anglers	Days		KS	SS	RS	KO	PS	CS	DV		GR	WF	NP	BB	SM	OTHER	
		Trips	Fished							LT	AC							
<b>SALTWATER:</b>																		
Boat	193	333	715	149	262	109	0	0	88	0	24	0	0	0	0	0	0	0
Shoreline	42	77	212	0	121	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>SALTWATER TOTAL</b>	221 <sup>c</sup>	410	927	149	383	109	0	0	88	0	24	0	0	0	0	0	0	0
<b>FRESHWATER:</b>																		
Nushagak River System	4,554	6,134	14,736	4,616	1,973	708	0	178	1,002	47	695	308	698	36	145	0	11,269	0
Wood River Lakes System	1,987	4,625	7,366	85	302	900	0	10	33	0	1,476	166	12	0	258	0	0	0
Tikchik-Nuyakuk Lake System	895	991	2,341	11	819	45	0	10	0	215	134	101	287	16	40	0	0	0
Togiak River System	1,019	1,551	3,535	790	1,382	367	0	10	77	19	391	58	25	0	0	0	291	0
Mulchatna River	930	1,033	3,806	644	458	320	0	270	256	0	296	879	614	0	201	13	0	0
Chilikadrotna River	305	184	678	0	97	36	0	21	0	37	0	26	66	0	0	0	0	0
Koktuli River	363	198	1,170	44	58	146	0	10	33	0	159	13	190	0	0	0	0	0
Other Streams	728	777	2,092	214	854	119	0	21	66	0	123	63	94	0	24	0	0	0
Other Lakes	249	262	570	0	109	0	0	0	0	38	12	0	33	0	114	0	0	0
<b>FRESHWATER TOTAL</b>	8,287 <sup>c</sup>	15,755	36,294	6,404	6,052	2,641	0	530	1,467	356	3,286	1,614	2,019	52	782	13	11,560	0
<b>GRAND TOTAL</b>	8,411 <sup>c</sup>	16,165	37,221	6,553	6,435	2,750	0	530	1,555	356	3,310	1,614	2,019	52	782	13	11,560	0

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A94.-Nushagak Area<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		DV														
	Trips	Fished	KS	SS	RS	KO	PS	CS	LT	AC	RT	GR	WF	NP	BB	SM	OTHER
<b>SALTWATER:</b>																	
Boat	160	313	68	270	78	0	0	85	0	25	0	0	0	0	0	0	0
Shoreline	55	147	0	117	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>SALTWATER TOTAL</b>	<b>167</b>	<b>346</b>	<b>68</b>	<b>292</b>	<b>78</b>	<b>0</b>	<b>0</b>	<b>85</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FRESHWATER:</b>																	
Nushagak River System	620	1,683	497	485	179	0	98	287	46	253	124	215	35	60	0	10,570	0
Wood River Lakes System	1,088	1,681	58	135	291	0	10	23	0	414	78	13	0	124	0	0	0
Tikchik-Nuyakuk Lake System	194	438	11	403	38	0	10	0	98	68	62	100	16	28	0	0	0
Togiak River System	440	908	214	352	146	0	10	68	19	220	35	26	0	0	0	288	0
Mulchatna River	373	966	260	202	155	0	257	174	0	127	342	284	0	150	13	0	0
Chilikadrotna River	71	200	0	68	35	0	20	0	36	0	27	51	0	0	0	0	0
Koktuli River	53	317	34	42	77	0	10	33	0	99	14	92	0	0	0	0	0
Other Streams	176	583	93	439	100	0	21	41	0	61	33	57	0	17	0	0	0
Other Lakes	121	252	0	93	0	0	0	0	26	12	0	33	0	81	0	0	0
<b>FRESHWATER TOTAL</b>	<b>1,420</b>	<b>2,845</b>	<b>599</b>	<b>888</b>	<b>430</b>	<b>0</b>	<b>282</b>	<b>348</b>	<b>117</b>	<b>563</b>	<b>373</b>	<b>379</b>	<b>39</b>	<b>223</b>	<b>13</b>	<b>10,581</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>1,435</b>	<b>2,863</b>	<b>602</b>	<b>938</b>	<b>434</b>	<b>0</b>	<b>282</b>	<b>355</b>	<b>117</b>	<b>564</b>	<b>373</b>	<b>379</b>	<b>39</b>	<b>223</b>	<b>13</b>	<b>10,581</b>	<b>0</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

**Appendix A95.-Tanana River Drainages<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Days										DV									
	Anglers	Trips	Fished	KS	SS	LL	CS	LT	AC	RT	GR <sup>c</sup>	GR <sup>d</sup>	WF	SF	NP <sup>e</sup>	NP <sup>f</sup>	BB	OTHER		
Upper Chena River	5,379	9,400	11,496	64	0	0	0	0	0	0	0	0	8	10	32	0	488	0		
Lower Chena River <sup>g</sup>	7,221	18,861	22,757	1,441	0	0	188	0	0	0	0	0	0	0	603	86	650	0		
Piledriver Slough	3,459	8,483	8,820	11	0	0	0	0	0	3,236	0	0	72	0	21	11	73	0		
Nenana River Drainage (excluding Brushkana Creek)	745	1,128	1,621	53	151	0	44	0	0	0	219	24	0	0	11	11	57	0		
Lower Chatanika River & tributaries (downstream of Elliot Hwy)	2,086	3,630	4,608	309	0	0	488	0	0	0	0	255	33	26	419	112	0	0		
Upper Chatanika River (upstream of Elliot Hwy)	1,718	3,100	3,619	235	0	0	233	0	0	0	0	414	25	96	215	80	8	0		
Salcha River	5,014	7,639	9,241	1,365	0	0	773	0	0	137	0	2,371	0	0	54	11	8	0		
Delta Clearwater River	2,286	2,333	3,424	0	937	0	0	0	0	0	0	1,218	36	0	0	0	0	0		
Goodpaster River	526	677	1,244	0	0	0	0	0	0	0	484	351	0	0	22	11	16	0		
Brushkana Creek	585	455	909	0	0	0	0	0	0	0	255	319	0	0	0	0	0	0		
Lower Tanana River	552	816	965	53	0	0	11	0	0	0	0	0	0	34	194	56	49	0		
Middle Tanana River	1,042	3,048	3,176	85	0	0	22	0	0	0	81	349	0	0	65	11	879	0		
Upper Tanana River	313	968	989	0	0	0	22	0	158	0	121	73	168	0	86	22	456	0		
Shaw Creek	307	302	360	0	0	0	0	0	0	0	0	61	0	0	0	0	24	0		
Delta River (below Tangle Lakes)	311	346	654	0	0	0	0	0	12	0	73	218	0	0	0	0	0	0		
Tolovana River	296	214	331	0	0	0	0	0	0	0	68	0	0	0	11	0	0	0		
Other Streams	3,006	5,568	7,105	118	266	0	44	148	279	32	658	1,593	0	10	367	35	186	0		
Birch Lake	5,473	7,477	9,981	0	0	3,201	0	0	400	12,020	0	0	0	0	0	0	0	0		
Quartz Lake	6,033	6,943	10,155	0	0	7,785	0	0	436	12,565	0	0	0	0	0	0	0	0		
Fielding Lake	543	535	960	0	0	0	0	42	0	0	162	437	0	0	0	0	0	0		
Minto Flats	2,023	1,912	3,051	11	0	0	55	0	0	0	0	8	8	55	1,710	829	16	0		
Tangle Lakes and Tangle River	3,239	1,930	4,250	0	0	0	0	235	0	0	1,228	1,985	0	0	0	0	0	0		
Chena Lake (Lake only)	4,334	6,665	8,504	0	0	1,092	0	0	364	7,103	227	126	0	0	0	0	0	126		
Bathing Beauty Pond	473	490	1,221	0	0	0	0	0	0	611	12	53	0	0	0	0	0	0		
Harding Lake	2,701	4,057	4,801	0	0	0	0	142	485	0	0	0	0	0	312	129	73	0		
Dune Lake	534	429	691	0	0	979	0	0	0	788	29	235	0	0	0	0	0	0		
George Lake	406	285	577	0	0	0	0	0	0	0	0	0	0	0	1,093	196	0	0		
Grayling Lake	540	1,503	1,547	0	0	0	0	0	194	757	0	12	33	0	65	11	0	0		
Jan Lake	245	273	339	0	0	49	0	0	0	167	0	0	0	0	0	0	0	0		
Steese Ponds	620	706	1,970	0	0	0	0	0	0	505	217	0	0	0	11	0	0	0		
Chena Hot Springs Road Ponds	735	1,183	1,343	0	0	0	0	0	0	99	127	44	29	0	0	0	16	0		
Meadow Road Lakes	310	589	612	0	0	0	0	22	85	189	0	12	0	0	0	0	0	0		
Coal Mine Road Lakes	555	760	1,053	0	0	0	0	22	254	295	305	85	0	0	0	0	0	0		
Eielson AFB - Lakes	365	1,312	1,617	0	0	182	0	0	121	1,134	36	0	0	0	75	11	0	0		
Hidden Lake (Eielson AFB)	620	2,212	2,526	0	0	182	0	0	194	1,430	49	109	0	0	0	0	0	0		
Other Lakes	4,345	11,682	13,710	0	0	170	0	266	279	7,907	134	362	0	0	1,205	134	204	0		
<b>TOTAL</b>	<b>35,362<sup>h</sup></b>	<b>117,911</b>	<b>150,227</b>	<b>3,745</b>	<b>1,354</b>	<b>13,640</b>	<b>1,880</b>	<b>877</b>	<b>3,261</b>	<b>48,975</b>	<b>4,485</b>	<b>10,714</b>	<b>412</b>	<b>231</b>	<b>6,571</b>	<b>1,756</b>	<b>3,203</b>	<b>126</b>		

<sup>a</sup> Tanana River Drainages (Area U): The entire Tanana River watershed, excluding all portions of the Yukon and Kuskokwim Rivers watersheds.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Arctic grayling less than 12 inches.

<sup>d</sup> Arctic grayling 12 inches and over.

<sup>e</sup> Northern dike 30 inches and under.

<sup>f</sup> Northern dike over 30 inches

<sup>g</sup> Includes Badger Slough which is sometimes called Chena Slough.

<sup>h</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A96.-Tanana River Drainages<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days							DV									
	Trips	Fished	KS	SS	LL	CS	LT	AC	RT	GR <sup>d</sup>	GR <sup>e</sup>	WF	SF	NP <sup>f</sup>	NP <sup>g</sup>	BB	OTHER
Upper Chena River	977	1,152	30	0	0	0	0	0	0	0	0	8	10	24	0	386	0
Lower Chena River <sup>h</sup>	1,830	2,523	277	0	0	76	0	0	0	0	0	0	0	251	44	281	0
Piledriver Slough	999	982	10	0	0	0	0	0	777	0	0	51	0	21	11	56	0
Nenana River Drainage (excluding Brushkana Creek)	348	440	39	72	0	46	0	0	0	108	24	0	0	11	11	44	0
Lower Chatanika River & tributaries (downstream of Elliot Hwy)	525	670	108	0	0	230	0	0	0	108	33	26	152	58	0	0	0
Upper Chatanika River (upstream of Elliot Hwy)	597	640	155	0	0	172	0	0	0	215	18	81	152	46	8	0	0
Salcha River	766	863	241	0	0	197	0	0	93	0	665	0	0	46	11	8	0
Delta Clearwater River	292	556	0	258	0	0	0	0	0	0	409	21	0	0	0	0	0
Goodpaster River	195	338	0	0	0	0	0	0	0	284	208	0	0	21	11	16	0
Brushkana Creek	111	256	0	0	0	0	0	0	0	139	154	0	0	0	0	0	0
Lower Tanana River	287	285	53	0	0	11	0	0	0	0	0	0	25	123	45	42	0
Middle Tanana River	792	784	83	0	0	22	0	0	0	55	172	0	0	65	11	279	0
Upper Tanana River	419	401	0	0	0	16	0	128	0	124	74	171	0	68	22	252	0
Shaw Creek	90	102	0	0	0	0	0	0	0	0	59	0	0	0	0	18	0
Delta River (below Tangle Lakes)	112	212	0	0	0	0	0	13	0	34	98	0	0	0	0	0	0
Tolovana River	74	106	0	0	0	0	0	0	0	44	0	0	0	10	0	0	0
Other Streams	1,088	1,188	59	119	0	36	121	154	33	169	330	0	11	152	20	114	0
Birch Lake	767	1,077	0	0	1,055	0	0	178	1,711	0	0	0	0	0	0	0	0
Quartz Lake	626	1,377	0	0	1,276	0	0	261	2,471	0	0	0	0	0	0	0	0
Fielding Lake	190	307	0	0	0	0	26	0	0	86	153	0	0	0	0	0	0
Minto Flats	264	406	11	0	0	55	0	0	0	0	8	8	29	470	236	16	0
Tangle Lakes and Tangle River	238	538	0	0	0	0	71	0	0	292	486	0	0	0	0	0	0
Chena Lake (Lake only)	983	1,106	0	0	464	0	0	182	1,042	112	67	0	0	0	0	0	130
Bathing Beauty Pond	189	644	0	0	0	0	0	0	306	12	42	0	0	0	0	0	0
Harding Lake	572	719	0	0	0	0	73	192	0	0	0	0	0	109	53	35	0
Dune Lake	124	162	0	0	523	0	0	0	233	17	117	0	0	0	0	0	0
George Lake	77	160	0	0	0	0	0	0	0	0	0	0	0	319	63	0	0
Grayling Lake	392	415	0	0	0	0	0	131	393	0	12	34	0	41	11	0	0
Jan Lake	100	131	0	0	49	0	0	0	107	0	0	0	0	0	0	0	0
Steese Ponds	178	1,172	0	0	0	0	0	0	255	126	0	0	0	11	0	0	0
Chena Hot Springs Road Ponds	337	343	0	0	0	0	0	0	53	71	37	29	0	0	0	16	0
Meadow Road Lakes	263	249	0	0	0	0	22	65	119	0	12	0	0	0	0	0	0
Coal Mine Road Lakes	282	312	0	0	0	0	21	188	167	148	72	0	0	0	0	0	0
Eielson AFB - Lakes	461	625	0	0	130	0	0	123	600	37	0	0	0	48	11	0	0
Hidden Lake (Eielson AFB)	870	924	0	0	174	0	0	165	587	39	88	0	0	0	0	0	0
Other Lakes	1,590	1,640	0	0	123	0	87	118	1,363	47	113	0	0	310	49	116	0
<b>TOTAL</b>	<b>3,834</b>	<b>4,840</b>	<b>426</b>	<b>292</b>	<b>1,850</b>	<b>369</b>	<b>179</b>	<b>554</b>	<b>3,716</b>	<b>568</b>	<b>1,117</b>	<b>190</b>	<b>94</b>	<b>775</b>	<b>274</b>	<b>643</b>	<b>130</b>

<sup>a</sup> Tanana River Drainages (Area U): The entire Tanana River watershed, excluding all portions of the Yukon and Kuskokwim Rivers watersheds.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> Arctic grayling less than 12 inches.

<sup>e</sup> Arctic grayling 12 inches and over.

<sup>f</sup> Northern pike 30 inches and under.

<sup>g</sup> Northern pike over 30 inches

<sup>h</sup> Includes Badger Slough which is sometimes called Chena Slough.

**Appendix A97.-Kuskokwim-Goodnews Drainages<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Trips	Days							DV									
			Fished	KS	SS	RS	PS	CS	LT	AC	RT	GR	WF	SF	NP	BB	SM	HA	OTHER
<b>SALTWATER:</b>																			
Boat	192	102	269	64	10	0	0	0	0	0	0	0	0	0	0	0	727	145	0
Shoreline	83	181	248	0	59	0	259	44	0	49	0	0	0	0	0	0	0	0	0
<b>SALTWATER TOTAL</b>	<b>261<sup>c</sup></b>	<b>283</b>	<b>517</b>	<b>64</b>	<b>69</b>	<b>0</b>	<b>259</b>	<b>44</b>	<b>0</b>	<b>49</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>727</b>	<b>145</b>	<b>0</b>
<b>FRESHWATER:</b>																			
Kuskokwim-Goodnews Drainages above Aniak River:																			
Holitna River	275	180	747	256	157	0	0	33	0	61	13	121	0	26	102	0	0	0	0
Other Streams	336	270	587	32	170	9	104	88	0	24	0	188	0	21	11	0	0	0	0
Other Lakes	63	31	83	0	0	0	0	0	25	0	0	0	0	0	18	0	0	0	0
<b>Total Kuskokwim-Goodnews Drainages above Aniak River</b>	<b>674<sup>c</sup></b>	<b>481</b>	<b>1,417</b>	<b>288</b>	<b>327</b>	<b>9</b>	<b>104</b>	<b>121</b>	<b>25</b>	<b>85</b>	<b>13</b>	<b>309</b>	<b>0</b>	<b>47</b>	<b>131</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Kuskokwim-Goodnews River below Aniak River:																			
Aniak River	1,058	1,282	3,078	641	957	142	0	298	9	195	21	398	0	26	443	0	0	0	0
Kanektok River	1,314	1,259	4,812	728	875	371	51	221	28	451	133	0	0	0	0	0	0	0	0
Goodnews River	430	304	1,694	171	443	65	20	0	9	284	24	41	0	0	0	0	0	0	0
Other Streams	895	1,759	2,963	234	1,842	0	0	66	33	730	338	171	0	34	227	0	0	0	0
Other Lakes	82	58	90	0	0	0	0	0	31	24	0	0	0	0	0	0	0	0	0
<b>Total Kuskokwim-Goodnews River below Aniak River</b>	<b>3,451<sup>c</sup></b>	<b>4,662</b>	<b>12,637</b>	<b>1,774</b>	<b>4,117</b>	<b>578</b>	<b>71</b>	<b>585</b>	<b>110</b>	<b>1,684</b>	<b>516</b>	<b>610</b>	<b>0</b>	<b>60</b>	<b>670</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Other Streams	585	774	1,591	416	243	100	52	11	0	147	0	34	0	0	70	0	1,454	0	0
Other Lakes	81	165	258	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>4,267<sup>c</sup></b>	<b>6,082</b>	<b>15,903</b>	<b>2,478</b>	<b>4,687</b>	<b>687</b>	<b>227</b>	<b>717</b>	<b>135</b>	<b>1,916</b>	<b>529</b>	<b>977</b>	<b>0</b>	<b>107</b>	<b>871</b>	<b>0</b>	<b>1,454</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>4,308<sup>c</sup></b>	<b>6,365</b>	<b>16,420</b>	<b>2,542</b>	<b>4,756</b>	<b>687</b>	<b>486</b>	<b>761</b>	<b>135</b>	<b>1,965</b>	<b>529</b>	<b>977</b>	<b>0</b>	<b>107</b>	<b>871</b>	<b>0</b>	<b>2,181</b>	<b>145</b>	<b>0</b>

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A98.-Kuskokwim-Goodnews Drainages<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest by fisheries and species<sup>c</sup>, 1996.**

	Days		DV															
	Trips	Fished	KS	SS	RS	PS	CS	LT	AC	RT	GR	WF	SF	NP	BB	SM	HA	OTHER
<b>SALTWATER:</b>																		
Boat	41	118	48	10	0	0	0	0	0	0	0	0	0	0	0	750	95	0
Shoreline	108	133	0	60	0	260	44	0	47	0	0	0	0	0	0	0	0	0
<b>SALTWATER TOTAL</b>	<b>115</b>	<b>179</b>	<b>48</b>	<b>60</b>	<b>0</b>	<b>260</b>	<b>44</b>	<b>0</b>	<b>47</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750</b>	<b>95</b>	<b>0</b>
<b>FRESHWATER:</b>																		
Kuskokwim-Goodnews Drainages above Aniak River:																		
Holitna River	62	368	122	147	0	0	34	0	63	13	125	0	27	62	0	0	0	0
Other Streams	112	205	24	115	9	105	63	0	18	0	99	0	21	10	0	0	0	0
Other Lakes	18	47	0	0	0	0	0	25	0	0	0	0	0	17	0	0	0	0
<b>Total Kuskokwim-Goodnews Drainages above Aniak River</b>	<b>132</b>	<b>430</b>	<b>125</b>	<b>196</b>	<b>9</b>	<b>105</b>	<b>72</b>	<b>25</b>	<b>65</b>	<b>13</b>	<b>159</b>	<b>0</b>	<b>35</b>	<b>66</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Kuskokwim-Goodnews Drainages below Aniak River:																		
Aniak River	386	558	195	330	98	0	185	10	82	21	305	0	19	443	0	0	0	0
Kanektok River	239	892	211	224	142	31	94	27	267	52	0	0	0	0	0	0	0	0
Goodnews River	73	392	76	155	34	20	0	9	147	17	35	0	0	0	0	0	0	0
Other Streams	364	606	135	581	0	0	57	23	251	135	84	0	24	141	0	0	0	0
Other Lakes	39	52	0	0	0	0	0	24	24	0	0	0	0	0	0	0	0	0
<b>Total Kuskokwim-Goodnews Drainages below Aniak River</b>	<b>597</b>	<b>1,281</b>	<b>330</b>	<b>717</b>	<b>177</b>	<b>38</b>	<b>211</b>	<b>44</b>	<b>397</b>	<b>145</b>	<b>311</b>	<b>0</b>	<b>30</b>	<b>463</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Other Streams	250	441	268	102	85	53	10	0	79	0	24	0	0	40	0	1,463	0	0
Other Lakes	125	147	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>678</b>	<b>1,442</b>	<b>451</b>	<b>748</b>	<b>197</b>	<b>120</b>	<b>229</b>	<b>51</b>	<b>417</b>	<b>146</b>	<b>352</b>	<b>0</b>	<b>47</b>	<b>472</b>	<b>0</b>	<b>1,463</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>688</b>	<b>1,453</b>	<b>455</b>	<b>750</b>	<b>197</b>	<b>290</b>	<b>230</b>	<b>51</b>	<b>418</b>	<b>146</b>	<b>352</b>	<b>0</b>	<b>47</b>	<b>472</b>	<b>0</b>	<b>1,629</b>	<b>95</b>	<b>0</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

### Appendix A99.-Seward Peninsula-Norton Sound Drainages<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.

	Anglers	Days			DV															
		Trips	Fished	KS	SS	RS	PS	CS	AC	GR <sup>c</sup>	GR <sup>d</sup>	WF	SF	NP	BB	SM	KC	HA	OTHER	
<b>SALTWATER:</b>																				
Boat	487	330	614	181	146	0	79	11	0	0	0	0	73	0	0	174	0	196	13	
Shoreline	313	688	835	75	278	0	266	0	12	0	0	0	0	0	0	0	0	0	0	
<b>SALTWATER TOTAL</b>	<b>760<sup>e</sup></b>	<b>1,018</b>	<b>1,449</b>	<b>256</b>	<b>424</b>	<b>0</b>	<b>345</b>	<b>11</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>73</b>	<b>0</b>	<b>0</b>	<b>174</b>	<b>0</b>	<b>196</b>	<b>13</b>	
<b>FRESHWATER:</b>																				
Nome River	947	2,759	2,920	0	598	0	3,280	0	873	0	0	0	0	0	0	0	0	0	0	
Pilgrim River	445	753	840	0	133	84	49	0	388	73	0	0	0	75	0	0	0	0	0	
Unalakleet River	574	1,658	2,266	363	3,193	0	59	463	1,385	254	81	64	0	0	0	0	0	0	0	
Fish-Niukluk River System	598	1,495	2,026	11	1,652	0	404	166	402	105	208	0	0	145	24	0	0	0	0	
Sinuk River	376	409	553	0	189	8	285	0	485	73	24	0	0	0	0	0	0	0	0	
Snake River	433	1,187	1,269	0	426	0	659	0	97	109	12	0	0	0	0	0	0	0	0	
Other Streams	838	1,937	2,420	32	674	8	891	22	643	449	97	0	0	508	155	0	0	0	0	
Lakes	40	24	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>FRESHWATER TOTAL</b>	<b>2,428<sup>e</sup></b>	<b>10,222</b>	<b>12,334</b>	<b>406</b>	<b>6,865</b>	<b>100</b>	<b>5,627</b>	<b>651</b>	<b>4,273</b>	<b>1,063</b>	<b>422</b>	<b>64</b>	<b>0</b>	<b>728</b>	<b>179</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>GRAND TOTAL</b>	<b>2,958<sup>e</sup></b>	<b>11,240</b>	<b>13,783</b>	<b>662</b>	<b>7,289</b>	<b>100</b>	<b>5,972</b>	<b>662</b>	<b>4,285</b>	<b>1,063</b>	<b>422</b>	<b>64</b>	<b>73</b>	<b>728</b>	<b>179</b>	<b>174</b>	<b>0</b>	<b>196</b>	<b>13</b>	

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Arctic grayling 15 inches and under.

<sup>d</sup> Arctic grayling over 15 inches.

<sup>e</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.



**Appendix A100.-Seward Peninsula-Norton Sound Drainages<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days							DV											
	Trips	Fished	KS	SS	RS	PS	CS	AC	GR <sup>d</sup>	GR <sup>e</sup>	WF	SF	NP	BB	SM	KC	HA	OTHER	
<b>SALTWATER:</b>																			
Boat	106	178	158	86	0	62	11	0	0	0	0	74	0	0	178	0	115	13	
Shoreline	256	265	53	108	0	205	0	12	0	0	0	0	0	0	0	0	0	0	
<b>SALTWATER TOTAL</b>	<b>276</b>	<b>317</b>	<b>165</b>	<b>137</b>	<b>0</b>	<b>213</b>	<b>11</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>74</b>	<b>0</b>	<b>0</b>	<b>178</b>	<b>0</b>	<b>115</b>	<b>13</b>	
<b>FRESHWATER:</b>																			
Nome River	619	622	0	241	0	956	0	424	0	0	0	0	0	0	0	0	0	0	
Pilgrim River	294	289	0	99	85	51	0	173	44	0	0	0	65	0	0	0	0	0	
Unalakleet River	552	603	156	1,159	0	44	258	738	104	50	50	0	0	0	0	0	0	0	
Fish-Niukluk River System	626	690	10	521	0	313	87	204	48	87	0	0	131	24	0	0	0	0	
Sinuk River	139	188	0	124	8	286	0	313	73	17	0	0	0	0	0	0	0	0	
Snake River	398	388	0	203	0	386	0	77	69	12	0	0	0	0	0	0	0	0	
Other Streams	371	416	18	229	8	407	15	254	251	72	0	0	278	156	0	0	0	0	
Lakes	24	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<b>FRESHWATER TOTAL</b>	<b>1,183</b>	<b>1,241</b>	<b>157</b>	<b>1,327</b>	<b>85</b>	<b>1,193</b>	<b>275</b>	<b>981</b>	<b>298</b>	<b>123</b>	<b>50</b>	<b>0</b>	<b>309</b>	<b>158</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>GRAND TOTAL</b>	<b>1,207</b>	<b>1,282</b>	<b>225</b>	<b>1,335</b>	<b>85</b>	<b>1,217</b>	<b>275</b>	<b>980</b>	<b>298</b>	<b>123</b>	<b>50</b>	<b>74</b>	<b>309</b>	<b>158</b>	<b>178</b>	<b>0</b>	<b>115</b>	<b>13</b>	

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> Arctic grayling 15 inches and under.

<sup>e</sup> Arctic grayling over 15 inches.

### Appendix A101.-Northwest Alaska Drainages<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.

	Anglers	Days								DV <sup>c</sup>		DV <sup>d</sup>						
		Trips	Fished	KS	SS	RS	PS	CS	LT	AC	AC	GR	WF	SF	NP	BB	SM	OTHER
SALTWATER:																		
Boat	81	153	181	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
Shoreline	81	56	99	0	0	0	0	0	0	0	0	0	0	0	0	0	218	633
SALTWATER TOTAL	95 <sup>e</sup>	209	280	0	0	0	10	0	0	0	0	0	0	0	0	0	218	633
FRESHWATER:																		
Kobuk River	450	565	1,228	0	0	0	0	144	0	36	61	456	0	360	75	16	0	0
Noatak River	423	389	1,343	0	40	0	0	288	20	267	182	760	0	0	0	169	0	0
Other Streams	534	1,021	2,075	0	0	0	0	144	0	184	171	826	160	94	13	0	0	0
Lakes	313	293	645	0	0	0	0	0	146	0	12	94	0	31	24	0	0	0
FRESHWATER TOTAL	1,407 <sup>e</sup>	2,268	5,291	0	40	0	0	576	166	487	426	2,136	160	485	112	185	0	0
GRAND TOTAL	1,407 <sup>e</sup>	2,477	5,571	0	40	0	10	576	166	487	426	2,136	160	485	112	185	218	633

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Dolly Varden and Arctic char 20 inches and under.

<sup>d</sup> Dolly Varden and Arctic char over 20 inches.

<sup>e</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A102.-Northwest Alaska Drainages<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		KS	SS	RS	PS	CS	LT	DV <sup>d</sup>		DV <sup>e</sup>		GR	WF	SF	NP	BB	SM	OTHER
	Trips	Fished							AC	AC									
SALTWATER:																			
Boat	121	124	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline	35	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	217	632
SALTWATER TOTAL	125	136	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	217	632
FRESHWATER:																			
Kobuk River	163	314	0	0	0	0	78	0	36	37	231	0	134	44	17	0	0	0	0
Noatak River	110	376	0	41	0	0	138	15	183	102	372	0	0	0	159	0	0	0	0
Other Streams	262	500	0	0	0	0	77	0	95	76	271	161	76	14	0	0	0	0	0
Lakes	115	259	0	0	0	0	0	50	0	12	50	0	32	17	0	0	0	0	0
FRESHWATER TOTAL	355	756	0	41	0	0	181	52	212	129	523	161	156	49	160	0	0	0	0
GRAND TOTAL	383	771	0	41	0	10	181	52	212	129	523	161	156	49	160	217	0	0	632

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>d</sup> Dolly Varden and Arctic char 20 inches and under.

<sup>e</sup> Dolly Varden and Arctic char over 20 inches.

### Appendix A103.-Yukon River Drainages<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.

	Anglers	Days			DV													
		Trips	Fished	KS	SS	RS	PS	CS	LT	AC	GR	WF	SF	NP	BB	SM	HA	OTHER
<b>SALTWATER:</b>																		
Boat	28	21	28	0	59	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline	27	24	114	0	0	0	0	0	0	24	0	0	0	0	0	0	0	19
<b>SALTWATER TOTAL</b>	<b>55<sup>c</sup></b>	<b>45</b>	<b>142</b>	<b>0</b>	<b>59</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19</b>
<b>FRESHWATER:</b>																		
Yukon River Drainages (downstream from Koyukuk River):																		
Innoko River	220	150	654	0	0	0	0	0	0	0	158	0	79	110	0	0	0	0
Other Lakes and Streams	573	1,221	1,513	96	315	0	30	55	0	504	436	0	10	536	122	0	0	0
<b>Total Yukon River Drainages (downstream from Koyukuk River)</b>	<b>682<sup>c</sup></b>	<b>1,371</b>	<b>2,167</b>	<b>96</b>	<b>315</b>	<b>0</b>	<b>30</b>	<b>55</b>	<b>0</b>	<b>504</b>	<b>594</b>	<b>0</b>	<b>89</b>	<b>646</b>	<b>122</b>	<b>0</b>	<b>0</b>	<b>0</b>
Yukon River Drainages (Koyukuk River to Fort Yukon):																		
Koyukuk River Drainage (excluding Haul Road drainages or unspecified)	986	1,136	2,733	0	0	0	0	0	9	24	1,535	0	31	171	0	0	0	0
Haul Road Lakes and Streams in Koyukuk Drainage	205	180	274	0	0	0	0	0	0	12	235	0	0	0	0	0	0	0
Other Haul Road Lakes and Streams	149	71	149	0	0	0	0	0	0	0	0	0	0	108	0	0	0	0
Nowitna River	325	176	834	32	0	0	0	0	0	0	0	0	304	651	0	0	0	0
Dall River	284	203	341	0	0	0	0	0	0	0	0	0	0	334	24	0	0	0
Beaver and Nome Creeks	218	194	752	0	0	0	0	0	0	0	665	0	0	43	0	0	0	0
Other Lakes and Streams	940	768	2,032	0	30	0	0	11	0	135	705	160	182	363	57	0	0	0
<b>Total Yukon River Drainages (Koyukuk River to Fort Yukon)</b>	<b>2,809<sup>c</sup></b>	<b>2,728</b>	<b>7,115</b>	<b>32</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>9</b>	<b>171</b>	<b>3,140</b>	<b>160</b>	<b>517</b>	<b>1,670</b>	<b>81</b>	<b>0</b>	<b>0</b>	<b>0</b>
Yukon River Drainages (Fort Yukon to Canadian Border)																		
	436	510	1,005	0	28	0	0	0	0	61	205	0	0	86	0	0	0	0
Other Streams	196	147	249	0	0	0	0	0	0	121	61	0	0	100	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>3,836<sup>c</sup></b>	<b>4,756</b>	<b>10,536</b>	<b>128</b>	<b>373</b>	<b>0</b>	<b>30</b>	<b>66</b>	<b>9</b>	<b>857</b>	<b>4,000</b>	<b>160</b>	<b>606</b>	<b>2,502</b>	<b>203</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>3,877<sup>c</sup></b>	<b>4,801</b>	<b>10,678</b>	<b>128</b>	<b>432</b>	<b>0</b>	<b>30</b>	<b>66</b>	<b>9</b>	<b>881</b>	<b>4,000</b>	<b>160</b>	<b>606</b>	<b>2,502</b>	<b>203</b>	<b>0</b>	<b>0</b>	<b>19</b>

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A104.-Yukon River Drainages<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days		DV														
	Trips	Fished	KS	SS	RS	PS	CS	LT	AC	GR	WF	SF	NP	BB	SM	HA	OTHER
<b>SALTWATER:</b>																	
Boat	21	27	0	59	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoreline	17	103	0	0	0	0	0	0	24	0	0	0	0	0	0	0	19
<b>SALTWATER TOTAL</b>	<b>27</b>	<b>106</b>	<b>0</b>	<b>59</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19</b>
<b>FRESHWATER:</b>																	
Yukon River Drainages (downstream from Koyukuk River):																	
Innoko River	46	232	0	0	0	0	0	0	0	128	0	57	77	0	0	0	0
Other Lakes and Streams	499	525	69	153	0	22	35	0	272	199	0	11	255	123	0	0	0
<b>Total Yukon River Drainages (downstream from Koyukuk River)</b>	<b>502</b>	<b>574</b>	<b>69</b>	<b>153</b>	<b>0</b>	<b>22</b>	<b>35</b>	<b>0</b>	<b>272</b>	<b>240</b>	<b>0</b>	<b>59</b>	<b>266</b>	<b>123</b>	<b>0</b>	<b>0</b>	<b>0</b>
Yukon River Drainages (Koyukuk River to Fort Yukon):																	
Koyukuk River Drainage (excluding Haul Road drainages or unspecified)	303	540	0	0	0	0	0	9	25	482	0	18	72	0	0	0	0
Haul Road Lakes and Streams in Koyukuk Drainage	69	87	0	0	0	0	0	0	13	157	0	0	0	0	0	0	0
Other Haul Road Lakes and Streams	28	65	0	0	0	0	0	0	0	0	0	0	105	0	0	0	0
Nowitna River	49	269	32	0	0	0	0	0	0	0	0	178	332	0	0	0	0
Dall River	66	99	0	0	0	0	0	0	0	0	0	0	185	18	0	0	0
Beaver and Nome Creeks	60	354	0	0	0	0	0	0	0	322	0	0	42	0	0	0	0
Other Lakes and Streams	153	431	0	29	0	0	11	0	123	302	158	89	172	58	0	0	0
<b>Total Yukon River Drainages (Koyukuk River to Fort Yukon)</b>	<b>365</b>	<b>848</b>	<b>32</b>	<b>29</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>9</b>	<b>127</b>	<b>663</b>	<b>158</b>	<b>200</b>	<b>446</b>	<b>61</b>	<b>0</b>	<b>0</b>	<b>0</b>
Yukon River Drainages (Fort Yukon to Canadian Border):																	
Yukon River Drainages (Fort Yukon to Canadian Border)	175	314	0	28	0	0	0	0	62	83	0	0	50	0	0	0	0
Other Streams	60	93	0	0	0	0	0	0	124	40	0	0	76	0	0	0	0
<b>FRESHWATER TOTAL</b>	<b>690</b>	<b>1,173</b>	<b>75</b>	<b>158</b>	<b>0</b>	<b>22</b>	<b>36</b>	<b>9</b>	<b>326</b>	<b>723</b>	<b>158</b>	<b>209</b>	<b>520</b>	<b>137</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GRAND TOTAL</b>	<b>691</b>	<b>1,180</b>	<b>75</b>	<b>168</b>	<b>0</b>	<b>22</b>	<b>36</b>	<b>9</b>	<b>328</b>	<b>723</b>	<b>158</b>	<b>209</b>	<b>520</b>	<b>137</b>	<b>0</b>	<b>0</b>	<b>19</b>

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

**Appendix A105.-North Slope Brooks Range Drainages<sup>a</sup> sport fish harvest and effort by fisheries and species<sup>b</sup>, 1996.**

	Anglers	Days						DV						
		Trips	Fished	KS	PS	CS	LT	AC	GR	WF	NP	BB	SM	OTHER
<b>SALTWATER:</b>														
Boat	27	71	128	0	0	0	0	12	0	0	0	0	0	0
Shoreline	134	300	308	0	0	0	0	170	0	0	0	0	0	0
<b>SALTWATER TOTAL</b>	161 <sup>c</sup>	371	436	0	0	0	0	182	0	0	0	0	0	0
<b>FRESHWATER:</b>														
Sagavanirktok River	569	1,621	1,744	0	0	0	0	425	216	0	0	0	0	0
Other Haul Road Streams	198	378	695	0	0	11	0	73	403	36	0	0	0	0
Other Streams	422	249	959	0	0	0	0	269	405	0	0	0	0	0
Other Lakes	202	381	653	0	0	0	19	159	170	0	0	41	0	0
<b>FRESHWATER TOTAL</b>	1,206 <sup>c</sup>	2,629	4,051	0	0	11	19	926	1,194	36	0	41	0	0
<b>GRAND TOTAL</b>	1,259 <sup>c</sup>	3,000	4,487	0	0	11	19	1,108	1,194	36	0	41	0	0

<sup>a</sup> 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.

<sup>b</sup> Refer to Appendix A3 for common names and species abbreviations.

<sup>c</sup> Angler totals may not equal sum of sites due to some anglers fishing at more than one site.

**Appendix A106.-North Slope Brooks Range Drainages<sup>a</sup> standard errors<sup>b</sup> of sport fish harvest and effort by fisheries and species<sup>c</sup>, 1996.**

	Days						DV							
	Trips	Fished	KS	PS	CS	LT	AC	GR	WF	NP	BB	SM	OTHER	
SALTWATER:														
Boat	62	116	0	0	0	0	12	0	0	0	0	0	0	
Shoreline	169	163	0	0	0	0	179	0	0	0	0	0	0	
SALTWATER TOTAL	181	201	0	0	0	0	179	0	0	0	0	0	0	
FRESHWATER:														
Sagavanirktok River	446	435	0	0	0	0	209	117	0	0	0	0	0	
Other Haul Road Streams	169	269	0	0	11	0	76	336	35	0	0	0	0	
Other Streams	64	302	0	0	0	0	144	162	0	0	0	0	0	
Other Lakes	163	261	0	0	0	18	86	121	0	0	39	0	0	
FRESHWATER TOTAL	533	710	0	0	11	18	280	437	35	0	39	0	0	
GRAND TOTAL	576	782	0	0	11	18	332	437	35	0	39	0	0	

<sup>a</sup> 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.

<sup>b</sup> 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.

<sup>c</sup> Refer to Appendix A3 for common names and species abbreviations.

**Appendix A107.-Comparison of 1996 Alaska statewide survey and onsite survey estimates and confidence intervals (CI).**

Fishery	Harvest					Catch				
	Onsite Survey	95% CI	Statewide Survey	SE	95% CI	Onsite Survey	95% CI	Statewide Survey	SE	95% CI
<b>Ketchikan Marine Boat<sup>a</sup></b>										
Chinook salmon over 28"	2,575	2,081 - 3,069	4,679	549	3,656 - 5,801	2,706	2,196 - 3,216	5,808	743	4,424 - 7,320
Chinook salmon under 28"	356	148 - 564	715	242	331 - 1,280	11,459	9,199 - 13,719	8,787	1,172	6,661 - 11,249
Coho salmon	42,220	33,337 - 51,103	48,742	3,669	42,120 - 56,683	44,263	35,135 - 53,391	60,826	4,409	52,634 - 70,151
Sockeye salmon	252	72 - 432	1,219	364	614 - 2,053	252	72 - 432	2,242	556	1,307 - 3,442
Pink salmon	43,156	32,260 - 54,052	37,948	2,979	31,884 - 43,711	75,811	58,171 - 93,451	75,460	5,209	65,294 - 86,323
Chum salmon	2,624	1,813 - 3,435	4,240	637	3,100 - 5,640	3,214	0 - 12,779	7,783	1,131	5,817 - 10,156
Halibut	11,177	9,082 - 13,272	16,512	1,189	14,240 - 18,954	15,229	12,056 - 18,402	23,255	1,772	19,767 - 26,828
Lingcod	783	491 - 1,075	2,031	279	1,537 - 2,615	965	0 - 4,042	3,538	531	2,592 - 4,660
Rockfish	5,492	4,363 - 6,621	8,063	799	6,532 - 9,692	12,893	10,849 - 14,937	20,667	2,184	16,636 - 25,147
<b>Sitka Marine Boat<sup>a</sup></b>										
Chinook salmon over 28"	10,069	8,589 - 11,549	16,144	1,034	14,249 - 18,316	11,254	9,517 - 12,991	21,939	1,622	19,123 - 25,397
Chinook salmon under 28"	9	0 - 21	160	67	43 - 309	1,390	922 - 1,858	5,969	700	4,695 - 7,510
Coho salmon	28,981	24,724 - 33,238	28,504	2,574	23,885 - 34,203	31,450	26,628 - 36,272	37,633	3,484	31,413 - 44,774
Sockeye salmon	572	256 - 888	1,969	634	924 - 3,385	638	295 - 981	2,286	661	1,191 - 3,777
Pink salmon	7,961	5,478 - 10,444	5,593	675	4,318 - 6,968	18,576	14,642 - 22,510	19,221	2,245	15,133 - 23,840
Chum salmon	6,164	3,126 - 9,202	4,731	540	3,750 - 5,885	8,666	4,356 - 12,976	10,969	1,551	8,200 - 14,199
Halibut	12,015	9,532 - 14,498	14,725	1,035	12,813 - 16,882	17,874	14,879 - 20,869	24,415	2,023	20,690 - 28,435
Lingcod	4,377	3,556 - 5,198	5,487	540	4,523 - 6,558	5,322	4,344 - 6,300	8,227	868	6,629 - 10,092
Rockfish	6,754	5,598 - 7,910	8,266	820	6,797 - 9,955	22,371	19,319 - 25,423	27,684	3,168	22,385 - 34,743
<b>Juneau Marine Boat<sup>a</sup></b>										
Chinook salmon over 28"	8,417	7,404 - 9,430	9,305	1,073	7,270 - 11,619	8,940	7,862 - 10,018	11,120	1,267	8,770 - 13,810
Chinook salmon under 28"	47	22 - 72	86	44	11 - 192	5,717	4,588 - 6,846	8,982	1,577	6,252 - 12,137
Coho salmon	18,816	15,584 - 22,048	17,840	1,454	15,008 - 20,511	19,362	16,132 - 22,592	23,290	2,440	18,846 - 28,466
Sockeye salmon	64	33 - 95	232	73	108 - 389	64	33 - 95	579	223	219 - 1,083
Pink salmon	3,029	2,172 - 3,886	2,582	444	1,806 - 3,514	5,469	3,664 - 7,274	8,676	1,016	6,852 - 10,693
Chum salmon	3,059	2,206 - 3,912	2,457	348	1,825 - 3,199	4,198	3,095 - 5,301	6,173	845	4,653 - 7,863
Halibut	11,158	9,094 - 13,222	8,946	793	7,430 - 10,509	14,341	11,428 - 17,254	12,715	1,265	10,233 - 15,317
Lingcod	11	0 - 31	103	44	33 - 196	11	0 - 31	335	102	156 - 557
Rockfish	774	500 - 1,048	1,616	379	909 - 2,374	805	529 - 1,081	3,656	829	2,233 - 5,406

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**Appendix A107.-Page 2 of 2.**

Fishery	Harvest						Catch								
	Onsite Survey	95% CI	Statewide Survey	SE	95% CI	Onsite Survey	95% CI	Statewide Survey	SE	95% CI					
<b>Gastineau Hatchery Roadside<sup>b</sup></b>															
Chinook salmon over 28"	695	552	838	836	237	420	-	1,341							
Chinook salmon under 28"	88	27	149	192	113	32	-	437							
Coho Salmon	3,625	3,010 -	4,240	1,228	351	626	-	1,957							
Chum Salmon	2,274	1,784 -	2,764	606	163	319	-	946							
Pink Salmon	1,039	774 -	1,304	281	123	71	-	538							
<b>Kenai River - Cook Inlet to Soldotna Bridge<sup>c</sup></b>															
Chinook salmon, guided - Early run	3,185	2,671 -	3,699	2,256	198	1,872	-	2,668	4,091	3,544 -	4,638	3,504	319	2,882-	4,152
Chinook salmon, guided - Late run	3,853	3,261 -	4,445	4,411	272	3,874	-	4,941	4,352	3,695 -	5,009	6,727	502	5,848-	7,746
Chinook salmon, nonguided - Early run	981	738 -	1,224	1,526	168	1,216	-	1,867	1,461	1,153 -	1,769	5,089	739	3,724-	6,722
Chinook salmon, nonguided - Late run	2,131	1,606 -	2,656	2,962	215	2,539	-	3,386	2,631	2,108 -	3,154	6,526	621	5,420-	7,767
<b>Russian River</b>															
Sockeye salmon - Early run	75,203	52,973 -	97,433	39,075	2,408	34,431	-	43,756							
Sockeye salmon - Late run	20,142	16,906 -	23,378	19,136	1,545	16,257	-	22,190							

<sup>a</sup> Hubartt, et al 1997.

<sup>b</sup> Beers, 1997.

<sup>c</sup> King, 1997.

**Appendix A108.-Number of households responding to the 1996 standard and supplementary sport fish surveys by fishery.**

	Number of respondents		Total
	Standard	Supplementary	
<b>Area A. Ketchikan Area</b>			
SALTWATER:			
Boat - East, West Behm Canals	157	134	291
Boat - Clarence Strait	132	118	250
Boat - Revilla Channel	166	122	288
Boat - Tongass Narrows	44	35	79
Boat - Yes Bay	18	18	36
Boat - Bell Island	16	20	36
Boat - Other	47	112	159
Shoreline - Mountain Point	10	19	29
Shoreline - Other	21	20	41
FRESHWATER:			
Naha River	12	5	17
Ward Cove Creek	11	13	24
Ketchikan Creek	17	12	29
Other Streams	20	28	48
Other Lakes	15	27	42
<b>Area B. Prince of Wales Island Area</b>			
SALTWATER:			
Boat - Waterfall Bay	39	40	79
Boat - Thorne Bay	3	11	14
Boat - Eastside Prince of Wales Island	94	54	148
Boat - Westside Prince of Wales Island	138	143	281
Boat - Other	15	51	66
Shoreline	2	7	9
FRESHWATER:			
Thorne System (Stream, Lake)	31	20	51
Sarkar System (Stream, Lake)	4	8	12
Other Systems	9	7	16
Karta River	12	9	21
Klawock River	8	8	16
Staney Creek	13	14	27
Eagle Creek	8	5	13
Harris River	3	9	12
Other Streams	20	24	44
Other Lakes	9	9	18

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**Appendix A108.-Page 2 of 12.**

	Number of respondents		Total
	Standard	Supplementary	
<b>Area C. Kake, Petersburg, Wrangell, Stikine Area</b>			
SALTWATER:			
Boat - Terminal Harvest Area near Petersburg (in Wrangell)	41	60	101
Boat - Frederick Sound near Petersburg	54	52	106
Boat - Rest of Petersburg Area	52	37	89
Boat - Wrangell Area	39	35	74
Boat - Kake Area	13	6	19
Boat - Sumner Strait	5	13	18
Boat - Other	13	47	60
Shoreline - Petersburg Road System	11	4	15
Shoreline - Other	4	8	12
FRESHWATER:			
Blind Slough (in Wrangell Narrows)	25	13	38
Petersburg Creek	16	16	32
Other Streams	21	26	47
Lakes	10	9	19
Systems	2	1	3
<b>Area D. Sitka Area</b>			
SALTWATER:			
Boat - Crescent Bay (Sheldon Jackson Hatchery Area)	45	18	63
Boat - Starrigavan Bay	31	31	62
Boat - Silver Bay	37	33	70
Boat - Other Sitka Sound, incl. Vitskari Island	226	172	398
Boat - Salisbury Sound	59	64	123
Boat - Icy Straight	10	24	34
Boat - Tenakee Inlet	8	11	19
Boat - Hoonah Area	10	10	20
Boat - Chatham Strait	10	12	22
Boat - Cross Sound	10	16	26
Boat - Elfin Cove	6	14	20
Boat - Kruzof Island	18	40	58
Boat - Baranof Island	13	19	32
Boat - Whale Bay	7	7	14
Boat - Chichagof Island	3	11	14
Boat - Other	78	190	268
Shoreline - Crescent Bay (Sheldon Jackson Hatchery Area)	8	5	13
Shoreline - Starrigavan Bay	19	18	37
Shoreline - Other Sitka Sound	27	8	35
Shoreline - Other	25	15	40
FRESHWATER:			
Baranof System (Lake, Stream)	10	3	13
Other Systems	8	12	20
Other Streams	13	27	40
Blue Lake	10	3	13
Other Lakes	13	12	25

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**Appendix A108.-Page 3 of 12.**

	Number of respondents		Total
	Standard	Supplementary	
<b>Area E. Juneau Area</b>			
SALTWATER:			
Boat - Doty Cove to Berners Bay and west to Pt. Retreat	309	302	611
Boat - Angoon Area	37	33	70
Boat - Stephens Passage	14	49	63
Boat - Lynn Canal	9	41	50
Boat - Admiralty Island	13	25	38
Boat - Funter Bay	11	18	29
Boat - Chatham Strait	5	12	17
Boat - Hand Troller Cove	0	15	15
Boat - Other	44	139	183
Shoreline - Sheep Creek Area	39	18	57
Shoreline - Auke Creek Mouth	27	12	39
Shoreline - Gastineau Hatchery - DIPAC	66	55	121
Shoreline - Other Juneau Road System	68	57	125
Shoreline - Other	20	18	38
FRESHWATER:			
Fish Creek (Douglas Island)	26	21	47
Peterson Creek and Salt Chuck	11	10	21
Cowee Creek	17	19	36
Montana Creek	25	19	44
Other Juneau Road System	17	22	39
Other Streams	24	33	57
Turner Lake	7	7	14
Other Lakes	16	21	37
<b>Area F. Haines-Skagway Area</b>			
SKAGWAY SUB-AREA			
SALTWATER:			
Boat	51	34	85
Shoreline	12	6	18
FRESHWATER:			
Streams	13	13	26
Lakes	8	3	11
HAINES SUB-AREA			
SALTWATER:			
Boat - Lynn Canal	12	31	43
Boat - Other	39	37	76
Shoreline	21	12	33
FRESHWATER:			
Chilkoot River	65	43	108
Chilkat River	35	22	57
Other Streams	3	10	13
Chilkoot Lake	34	31	65
Chilkat Lake	10	9	19
Other Lakes	5	4	9

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**Appendix A108.-Page 4 of 12.**

	Number of respondents		Total
	Standard	Supplementary	
<b>Area G. Glacier Bay Area</b>			
SALTWATER:			
Boat - Icy Straits	41	32	73
Boat - Glacier Bay	47	35	82
Boat - Excursion Inlet	24	7	31
Boat - Gustavus Area	20	26	46
Boat - Other	3	18	21
Shoreline	6	8	14
FRESHWATER:			
Streams	11	4	15
Lakes	2	1	3
<b>Area H. Yakutat Area</b>			
SALTWATER:			
Boat - Yakutat Bay	56	50	106
Boat - Other	5	13	18
Shoreline	10	9	19
FRESHWATER:			
Situk River, above weir	60	51	111
Situk River, below weir	53	50	103
Tsiu River	8	9	17
Lost River	13	11	24
Other Streams	15	13	28
Ankau System (River, Lagoons, Outlet)	7	1	8
Lakes	0	4	4
<b>Area I. Upper Copper/Upper Susitna Drainages</b>			
Gulkana River (Paxson to Sourdough)	83	74	157
Gulkana River (Sourdough to Highway)	182	162	344
Gulkana River Other	52	49	101
Klutina River	126	101	227
Mendeltna Creek	11	9	20
Tonsina River	24	16	40
Tyone Creek	11	5	16
Other Streams	34	62	96
Tolsona Lake	4	10	14
Lake Louise	67	53	120
Susitna Lake	17	10	27
Van (Silver) Lake	20	23	43
Paxson Lake	42	29	71
Summit Lake (near Paxson)	25	13	38
Crosswind Lake	14	9	23
Meiers Lake	9	7	16
Other Lakes	56	63	119

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## Appendix A108.-Page 5 of 12.

	Number of respondents		Total
	Standard	Supplementary	
<b>Area J. Prince William Sound Area</b>			
SALTWATER:			
Boat - Valdez Bay (including Port Valdez)	340	255	595
Boat - Passage Canal (Whittier)	64	39	103
Boat - Orca Inlet	40	32	72
Boat - Esther Island	36	25	61
Boat - Montague Island	19	39	58
Boat - Hinchinbrook Area	7	19	26
Boat - Other	64	164	228
Shoreline - Valdez Road System	182	47	229
Shoreline - Orca Inlet	20	15	35
Shoreline - Remainder of Valdez Arm	49	168	217
Shoreline - Other	15	37	52
FRESHWATER:			
Eyak River	23	25	48
Eshamy Lake, Creek, and Lagoon	3	3	6
Alaganik Slough	15	21	36
Coghill River	10	5	15
Clear Creek	27	28	55
Other Streams	34	38	72
Blueberry Lake	4	9	13
Other Lakes	18	9	27
<b>Area K. Knik Arm Drainage Area</b>			
SALTWATER:			
Boat	7	2	9
Shoreline	11	3	14
FRESHWATER:			
Little Susitna River	305	250	555
Knik River and Tributaries, including Jim Creek	91	61	152
Wasilla Creek (Rabbit Slough)	32	16	48
Cottonwood Creek	28	15	43
Fish Creek (Big Lake Drainage)	24	4	28
Eklutna Power Plant Raceway	94	57	151
Other Streams	10	17	27
Wasilla Lake	20	12	32
Finger Lake	63	45	108
Kepler Lake Complex	63	63	126
Big Lake	80	42	122
Kalmbach Lake	6	6	12
Memory Lake	8	4	12
Walby Lake	5	7	12
Flat Horn Lake	10	12	22
Nancy Lake	27	15	42
South Rolly Lake	11	8	19
Nancy Lake Recreation Area, Other Fishing Sites	38	39	77
Other Lakes	78	120	198

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**Appendix A108.-Page 6 of 12.**

	Number of respondents		Total
	Standard	Supplementary	
<b>Area L. Anchorage Area</b>			
<b>SALTWATER:</b>			
Boat	4	0	4
Shoreline	12	8	20
<b>FRESHWATER:</b>			
Jewel Lake	59	32	91
Campbell Point Lake	17	16	33
Sand Lake	26	15	41
Lower Fire Lake	30	18	48
Mirror Lake	51	32	83
Otter Lake	78	60	138
Clunie Lake	48	43	91
Gwen Lake	29	20	49
Sixmile Lake	45	43	88
Green Lake	28	19	47
Hillberg Lake	17	18	35
Triangle Lake	14	8	22
C Street (Taku) Lake	14	14	28
Fish Lake	22	15	37
Cheney Lake	57	24	81
Beach Lake	38	36	74
DeLong Lake	34	17	51
Other Lakes	27	24	51
Ship Creek	406	309	715
Bird Creek	185	159	344
Campbell Creek	76	45	121
Twentymile River	50	55	105
Eagle River	54	40	94
Other Streams	31	40	71

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**Appendix A108.-Page 7 of 12.**

	Number of respondents		Total
	Standard	Supplementary	
<b>Area M. East Susitna River Drainage</b>			
Willow Creek	314	243	557
Caswell Creek	23	24	47
Montana Creek	246	164	410
Sunshine Creek	47	36	83
Talkeetna River and Tributaries, including Clear Creek	207	181	388
Sheep Creek	114	101	215
Little Willow Creek	88	71	159
Goose Creek	27	37	64
Birch Creek	10	5	15
Kashwitna River	19	13	32
Troublesome Creek	25	15	40
Other Streams	15	35	50
Lakes	16	28	44
<b>Area N. West Cook Inlet-West Susitna River Drainages</b>			
<b>SALTWATER:</b>			
Upper Cook Inlet (Boat Sites North of Chinitna Point)	5	30	35
Lower Cook Inlet (Boat Sites South of Chinitna Point)	5	9	14
Other Boat	35	1	36
Razor Clams: Polly Creek Beach/Crescent River Bar	10	13	23
Other Shoreline	5	10	15
<b>FRESHWATER:</b>			
Deshka River (Kroto Creek)	61	47	108
Lake Creek	104	118	222
Fish Lake Creek and Fish Lakes (Yentna Drainage)	44	17	61
Alexander Creek/Lake	42	57	99
Talachulitna River	46	45	91
Chuitna River	35	48	83
Theodore River	20	21	41
Polly Creek	3	11	14
Kustatan River	47	45	92
Peters Creek	9	12	21
Silver Salmon Creek	14	20	34
Yentna River	6	32	38
Susitna River	3	20	23
Other Sites - Susitna River Drainages	39	50	89
Other Sites - Susitna to North Forelands	13	18	31
Other Sites - South of North Forelands	12	16	28
Other Streams	12	45	57
Big River Lakes	15	26	41
Trapper Lake	9	19	28
Other Lakes	2	13	15

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**Appendix A108.-Page 8 of 12.**

	Number of respondents		Total
	Standard	Supplementary	
<b>Area P. Kenai Peninsula Area</b>			
<b>KENAI RIVER FRESHWATER NONGUIDED:</b>			
Kenai River - (Cook Inlet to Soldotna Bridge)	583	754	1,337
Kenai River - (Soldotna Bridge to Moose River)	435	338	773
Kenai River - (Moose River to Skilak Outlet)	203	208	411
Kenai River - (Skilak Inlet to Kenai Lake)	307	431	738
<b>KENAI RIVER FRESHWATER GUIDED:</b>			
Kenai River - (Cook Inlet to Soldotna Bridge)	499	507	1,006
Kenai River - (Soldotna Bridge to Moose River)	280	132	412
Kenai River - (Moose River to Skilak Outlet)	78	36	114
Kenai River - (Skilak Inlet to Kenai Lake)	117	68	185
<b>OTHER FRESHWATER:</b>			
Anchor River	194	138	332
Ninilchik River	182	141	323
Deep Creek	162	95	257
Stariski Creek	13	7	20
Resurrection Creek	65	51	116
Quartz Creek	50	40	90
Sixmile Creek Drainage	19	20	39
Russian River	673	588	1,261
Kasilof River - Nonguided Bank Fishing	267	207	474
Kasilof River - Nonguided Boat Fishing	54	26	80
Kasilof River - Guided Bank Fishing	47	2	49
Kasilof River - Guided Boat Fishing	115	90	205
Ptarmigan Creek	4	8	12
Crooked Creek	3	9	12
Other Streams	23	55	78
Swanson River	46	37	83
Swanson River Canoe Route Lakes	20	27	47
Swan Lake Canoe System	18	11	29
Hidden Lake	44	27	71
Crescent Lake	19	13	32
Skilak Lake	39	22	61
Tustumena Lake	18	7	25
Kenai Lake	8	15	23
Johnson Lake	16	25	41
Summit Lake	3	9	12
Elephant Lake	4	11	15
Other Lakes	62	99	161
<b>SALTWATER FINFISH CHARTER BOAT:</b>			
Barren Islands	215	187	402
Resurrection Bay (Seward)	402	434	836
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River	585	516	1,101
Other Cook Inlet North of Ninilchik River	6	36	42
Other Cook Inlet/Gulf Coast West of Gore Point	644	796	1,440
Other Gulf Coast East of Gore Point	16	44	60

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**Appendix A108.-Page 9 of 12.**

	Number of respondents		Total
	Standard	Supplementary	
<b>Area P. Kenai Peninsula Area (continued)</b>			
<b>SALTWATER FINFISH PRIVATE BOAT:</b>			
Barren Islands	29	10	39
Resurrection Bay (Seward)	283	286	569
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River	382	371	753
Other Cook Inlet North of Ninilchik River	2	10	12
Other Cook Inlet/Gulf Coast West of Gore Point	433	350	783
Other Gulf Coast East of Gore Point	7	20	27
<b>SALTWATER FINFISH SHORELINE:</b>			
Homer Spit (Kachemak Bay)	277	252	529
Resurrection Bay (Seward)	273	241	514
Anchor River, Whiskey Gulch, Deep Creek, and Ninilchik River	3	20	23
Shoreline - Other	13	27	40
<b>SALTWATER SHELLFISH:</b>			
<b>SHELLFISH BETWEEN KASILOF AND ANCHOR POINT:</b>			
Anchor River to Deep Creek	95	76	171
Deep Creek to Set Net Access	177	209	386
Clam Gulch Beach (Set Net Access to Kasilof River)	168	287	455
<b>OTHER SHELLFISH:</b>			
Kachemak Bay (Homer)	105	121	226
Resurrection Bay (Seward)	12	2	14
Other Sites	3	5	8
<b>Area Q. Kodiak Area</b>			
<b>SALTWATER:</b>			
Boat - Chiniak Bay Area	92	96	188
Boat - Afognak Island Area	48	32	80
Boat - Other	44	68	112
Shoreline - Chiniak Bay Area	36	19	55
Shoreline - Afognak Island Area	10	7	17
Shoreline - Afognak Lagoon (Litnik)	11	17	28
Shoreline - Other	12	13	25
<b>FRESHWATER:</b>			
Buskin River	79	73	152
Pasagshak River	54	52	106
Karluk River and Lagoon	35	39	74
American River	38	35	73
Olds River (or Creek)	32	29	61
Red River (Ayakulik)	14	13	27
Saltery Cove Streams	14	9	23
Other Remote Streams	29	33	62
Other Road System Streams	17	33	50
Roadside Lakes	16	18	34
Other Lakes	7	11	18

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**Appendix A108.-Page 10 of 12.**

	Number of respondents		Total
	Standard	Supplementary	
<b>Area R. Naknek River Drainage -Alaska Peninsula Area</b>			
SALTWATER:			
Boat - Unalaska Island	5	9	14
Boat - Unalaska Bay	8	15	23
Boat - Other	21	23	44
Shoreline	12	15	27
FRESHWATER:			
Cold Bay Area (including Russel Creek)	6	12	18
Naknek River above Rapids Camp	40	27	67
Naknek River below Rapids Camp	57	58	115
Brooks River	33	38	71
American Creek	10	10	20
Other Streams	26	36	62
Ugashik System	17	16	33
Becharof System	9	10	19
Other Systems	2	2	4
Naknek Lake - Bay of Islands	9	6	15
Naknek Lake - Other	9	3	12
Other Lakes	12	15	27
<b>Area S. Kvichak River Drainage Area</b>			
SALTWATER:			
Boat	3	1	4
Shoreline	1	0	1
FRESHWATER:			
Kvichak River	38	44	82
Newhalen River	41	41	82
Alagnak (Branch) River	66	59	125
Copper River (tributary of Lake Iliamna)	19	16	35
Lower Talarik Creek	10	17	27
Kulik River	5	10	15
Moraine Creek	6	13	19
Other Streams	31	36	67
Lake Iliamna	17	19	36
Lake Clark	14	18	32
Other Lakes	10	19	29
<b>Area T. Nushagak Area</b>			
SALTWATER:			
Boat	5	3	8
Shoreline	3	0	3
FRESHWATER:			
Nushagak River System	111	115	226
Wood River Lakes System	52	37	89
Tikchik-Nuyakuk Lake System	28	18	46
Togiak River System	30	22	52
Mulchatna River	23	20	43
Chilikadrotna River	4	8	12
Koktuli River	6	10	16
Other Streams	13	22	35
Other Lakes	5	8	13

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**Appendix A108.-Page 11 of 12.**

	Number of respondents		Total
	Standard	Supplementary	
<b>Area U. Tanana River Drainages</b>			
Upper Chena River	149	93	242
Lower Chena River	173	146	319
Piledriver Slough	100	59	159
Nenana River Drainage (excluding Brushkana Creek)	15	15	30
Lower Chatanika River & tributaries (downstream of Elliot Hwy)	61	37	98
Upper Chatanika River (upstream of Elliot Hwy)	46	37	83
Salcha River	116	100	216
Delta Clearwater River	59	51	110
Goodpaster River	11	11	22
Brushkana Creek	11	15	26
Lower Tanana River	12	13	25
Middle Tanana River	31	21	52
Upper Tanana River	6	10	16
Shaw Creek	5	11	16
Delta River (below Tangle Lakes)	6	9	15
Tolovana River	6	6	12
Other Streams	45	94	139
Birch Lake	120	94	214
Quartz Lake	124	124	248
Fielding Lake	12	11	23
Minto Flats	44	48	92
Tangle Lakes and Tangle River	50	72	122
Chena Lake (Lake only)	81	85	166
Bathing Beauty Pond	3	11	14
Harding Lake	63	56	119
Dune Lake	13	12	25
George Lake	10	8	18
Grayling Lake	12	9	21
Jan Lake	6	6	12
Steese Ponds	14	16	30
Chena Hot Springs Road Ponds	23	13	36
Meadow Road Lakes	3	10	13
Coal Mine Road Lakes	15	7	22
Eielson AFB - Lakes	5	10	15
Hidden Lake (Eielson AFB)	14	7	21
Other Lakes	80	109	189
<b>Area V. Kuskokwim-Goodnews Drainages</b>			
<b>SALTWATER:</b>			
Boat	3	4	7
Shoreline	3	0	3
<b>FRESHWATER:</b>			
<b>Kuskokwim-Goodnews Drainages above Aniak River</b>			
Holitna River	6	7	13
Other Streams	5	7	12
Other Lakes	2	1	3
<b>Kuskokwim-Goodnews Drainages below Aniak River</b>			
Aniak River	22	24	46
Kanektok River	29	38	67
Goodnews River	8	16	24
Other Streams	12	22	34
Other Lakes	1	2	3
<b>Kuskokwim-Goodnews Drainages Other Waters</b>			
Other Streams	9	16	25
Other Lakes	2	2	4

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**Appendix A108.-Page 12 of 12.**

	Number of respondents		Total
	Standard	Supplementary	
<b>Area W. Seward Peninsula-Norton Sound Drainages</b>			
<b>SALTWATER:</b>			
Boat	10	8	18
Shoreline	12	4	16
<b>FRESHWATER:</b>			
Nome River	22	18	40
Pilgrim River	15	5	20
Unalakleet River	10	20	30
Fish-Niukluk River System	11	13	24
Sinuk River	10	5	15
Snake River	11	8	19
Other Streams	18	22	40
Lakes	1	0	1
<b>Area X. Northwest Alaska Drainages</b>			
<b>SALTWATER:</b>			
Boat	2	1	3
Shoreline	2	1	3
<b>FRESHWATER:</b>			
Kobuk River	10	12	22
Noatak River	12	7	19
Other Streams	8	19	27
Lakes	9	5	14
<b>Area Y. Yukon River Drainages</b>			
<b>SALTWATER:</b>			
Boat	1	0	1
Shoreline	2	0	2
<b>FRESHWATER:</b>			
Yukon River Drainages (downstream from Koyukuk River)			
Innoko River	6	6	12
Other Lakes and Streams	13	15	28
Yukon River Drainages (Koyukuk River to Fort Yukon)			
Koyukuk River Drainage (excluding Haul Road drainages or unspecified)	23	27	50
Haul Road Lakes and Streams in Koyukuk Drainage	8	3	11
Other Haul Road Lakes and Streams	2	4	6
Nowitna River	6	8	14
Dall River	7	6	13
Beaver and Nome Creeks	5	7	12
Other Lakes and Streams	20	24	44
Yukon River Drainages (Fort Yukon to Canadian Border)			
Other Streams	10	13	23
Other Streams	3	6	9
<b>Area Z. North Slope Brooks Range Drainages</b>			
<b>SALTWATER:</b>			
Boat	1	1	2
Shoreline	6	2	8
<b>FRESHWATER:</b>			
Sagavanirktok River	20	12	32
Other Haul Road Streams	8	4	12
Other Streams	9	11	20
Other Lakes	4	7	11